

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021721\  
 Data File : VN065897.D  
 Acq On : 17 Feb 2021 13:41  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Feb 17 15:00:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 14:59:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 7.624          | 168  | 158231     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.547          | 114  | 271703     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.376         | 117  | 248598     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.312         | 152  | 99898      | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 7.987          | 65   | 10882      | 4.97   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = | 9.94%# |        |          |
| 35) Dibromofluoromethane     | 7.547          | 113  | 8128       | 4.97   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = | 9.94%# |        |          |
| 50) Toluene-d8               | 10.055         | 98   | 33273      | 4.97   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = | 9.94%# |        |          |
| 62) 4-Bromofluorobenzene     | 12.370         | 95   | 11591      | 4.79   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = | 9.58%# |        |          |
| Target Compounds             |                |      |            |        |        |          |
|                              |                |      |            |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.846          | 85   | 8499       | 4.18   | ug/l   | 99       |
| 3) Chloromethane             | 2.049          | 50   | 11465      | 4.53   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.174          | 62   | 10861      | 4.45   | ug/l   | 100      |
| 5) Bromomethane              | 2.528          | 94   | 7459       | 4.46   | ug/l   | 94       |
| 6) Chloroethane              | 2.676          | 64   | 6890       | 4.89   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 2.994          | 101  | 14331      | 4.53   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.383          | 74   | 5335       | 4.66   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 3.718          | 101  | 8252       | 4.99   | ug/l   | 96       |
| 10) Methyl Iodide            | 3.910          | 142  | 11701      | 4.61   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 4.779          | 59   | 6761       | 31.67  | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 3.698          | 96   | 8447       | 4.77   | ug/l   | 98       |
| 13) Acrolein                 | 3.573          | 56   | 6933       | 26.41  | ug/l   | 88       |
| 14) Allyl chloride           | 4.274          | 41   | 14676      | 4.91   | ug/l   | 91       |
| 15) Acrylonitrile            | 4.949          | 53   | 19070      | 29.35  | ug/l   | 99       |
| 16) Acetone                  | 3.788          | 43   | 17657      | 21.42  | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.004          | 76   | 22698      | 4.61   | ug/l # | 94       |
| 18) Methyl Acetate           | 4.287          | 43   | 8701       | 4.79   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.004          | 73   | 26385      | 4.68   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.502          | 84   | 10009      | 4.82   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 4.991          | 96   | 8595       | 5.45   | ug/l   | 91       |
| 22) Diisopropyl ether        | 5.907          | 45   | 29233      | 4.89   | ug/l   | 92       |
| 23) Vinyl Acetate            | 5.853          | 43   | 106594     | 23.76  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 5.795          | 63   | 17034      | 4.92   | ug/l   | 98       |
| 25) 2-Butanone               | 6.804          | 43   | 23857      | 22.84  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 6.772          | 77   | 12718      | 5.59   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.788          | 96   | 10672      | 6.25   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.148          | 49   | 8012       | 6.08   | ug/l # | 89       |
| 29) Tetrahydrofuran          | 7.180          | 42   | 17098      | 23.26  | ug/l   | 98       |
| 30) Chloroform               | 7.328          | 83   | 16369      | 4.81   | ug/l   | 97       |
| 31) Cyclohexane              | 7.611          | 56   | 17594      | 4.11   | ug/l # | 82       |
| 32) 1,1,1-Trichloroethane    | 7.524          | 97   | 13573      | 4.79   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 7.750          | 75   | 12512      | 4.76   | ug/l   | 99       |
| 37) Ethyl Acetate            | 6.901          | 43   | 9367       | 3.95   | ug/l # | 89       |
| 38) Carbon Tetrachloride     | 7.730          | 117  | 11297      | 4.64   | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.045          | 83   | 14289      | 4.78   | ug/l   | 93       |
| 40) Benzene                  | 8.000          | 78   | 40476      | 4.95   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021721\  
 Data File : VN065897.D  
 Acq On : 17 Feb 2021 13:41  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Feb 17 15:00:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 14:59:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.135  | 41   | 4696     | 4.94   | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.084  | 62   | 12883    | 4.92   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.132  | 43   | 17960    | 4.95   | ug/l # | 87       |
| 44) Trichloroethene           | 8.798  | 130  | 9699     | 4.94   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.081  | 63   | 9810     | 4.79   | ug/l   | 98       |
| 46) Dibromomethane            | 9.174  | 93   | 6047     | 4.92   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.367  | 83   | 11917    | 4.83   | ug/l # | 94       |
| 48) Methyl methacrylate       | 9.167  | 41   | 9259     | 4.93   | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.167  | 88   | 3071     | 112.49 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 9.952  | 43   | 53091    | 23.88  | ug/l   | 100      |
| 52) Toluene                   | 10.122 | 92   | 24217    | 4.94   | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 10.351 | 75   | 12319    | 4.82   | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 9.804  | 75   | 14512    | 4.87   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.531 | 97   | 9132     | 5.07   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.399 | 69   | 12605    | 4.91   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.675 | 76   | 15358    | 4.83   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.663  | 63   | 28843    | 23.43  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.724 | 43   | 35563    | 23.33  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.872 | 129  | 8305     | 4.73   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 10.974 | 107  | 8664     | 4.84   | ug/l   | 92       |
| 64) Tetrachloroethene         | 10.598 | 164  | 9638     | 4.89   | ug/l   | 92       |
| 65) Chlorobenzene             | 11.402 | 112  | 24736    | 4.87   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.476 | 131  | 8431     | 4.96   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.479 | 91   | 44197    | 4.83   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.592 | 106  | 32903    | 9.76   | ug/l   | 93       |
| 69) o-Xylene                  | 11.917 | 106  | 15744    | 4.84   | ug/l   | 94       |
| 70) Styrene                   | 11.933 | 104  | 25079    | 4.89   | ug/l   | 96       |
| 71) Bromoform                 | 12.100 | 173  | 5119     | 4.75   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.219 | 105  | 40966    | 4.86   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.042 | 43   | 12457    | 4.84   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.473 | 83   | 12400    | 4.99   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.527 | 75   | 15665    | 5.27   | ug/l # | 100      |
| 77) Bromobenzene              | 12.495 | 156  | 9850     | 5.24   | ug/l   | 89       |
| 78) n-propylbenzene           | 12.560 | 91   | 44861    | 4.77   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.643 | 91   | 28791    | 4.78   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 33636    | 4.80   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.270 | 75   | 2834     | 4.90   | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.743 | 91   | 28593    | 4.84   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 12.965 | 119  | 28548    | 4.92   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 33788    | 4.84   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.142 | 105  | 36218    | 4.86   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.257 | 119  | 32716    | 4.87   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.254 | 146  | 16156    | 4.98   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.335 | 146  | 16635    | 5.10   | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.585 | 91   | 26771    | 4.85   | ug/l   | 96       |
| 90) Hexachloroethane          | 13.843 | 117  | 5341     | 4.74   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.624 | 146  | 15571    | 4.75   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 1832     | 5.13   | ug/l   | 74       |
| 93) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 4511     | 3.97   | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 14.981 | 225  | 3851     | 4.93   | ug/l   | 97       |
| 95) Naphthalene               | 15.103 | 128  | 14998    | 3.96   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 5631     | 4.26   | ug/l   | 99       |

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Data File : VN065897.D  
Acq On : 17 Feb 2021 13:41  
Operator : JC/MD  
Sample : VSTDIC005  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Quant Time: Feb 17 15:00:50 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 17 14:59:43 2021  
Response via : Initial Calibration

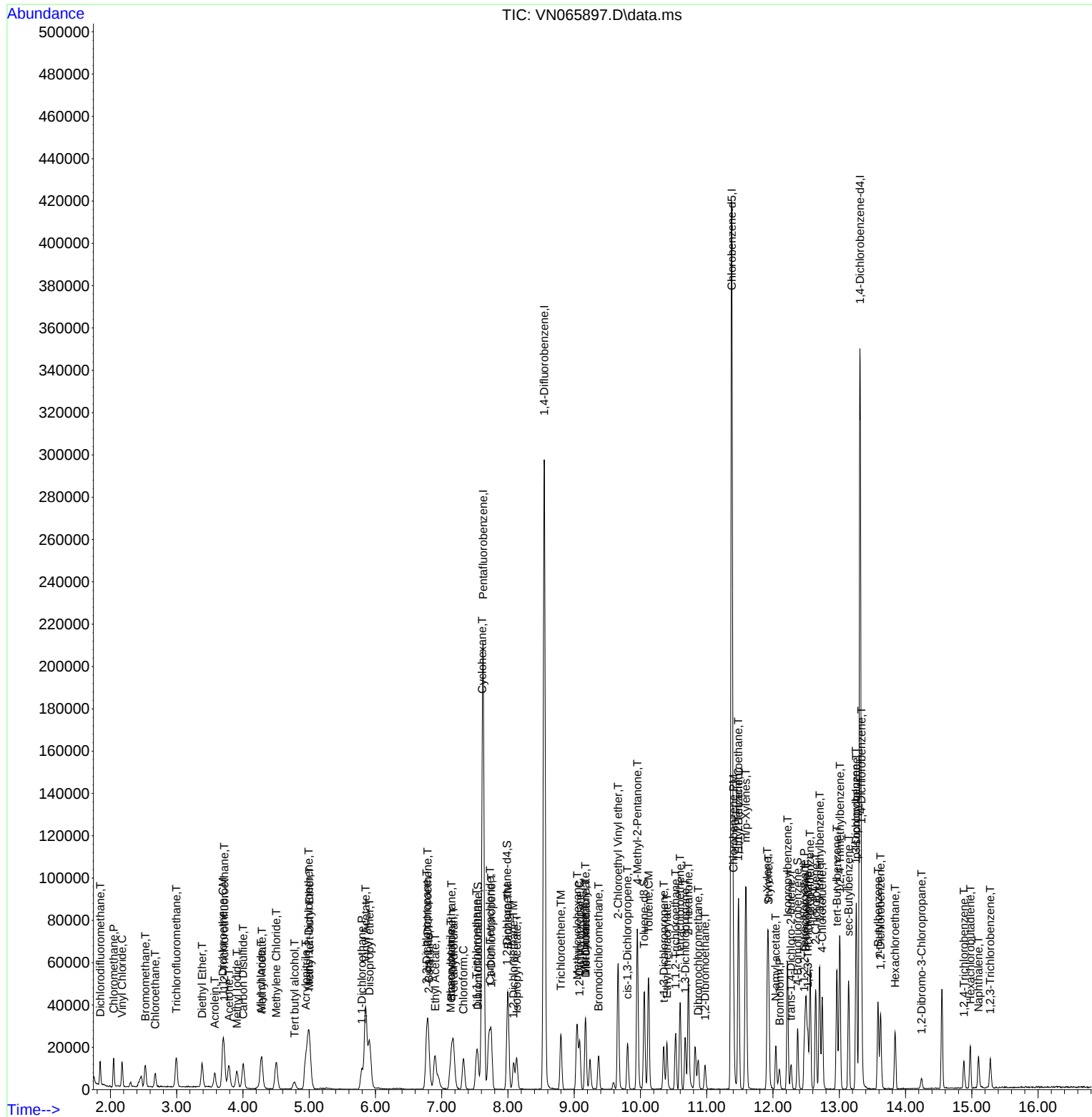
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

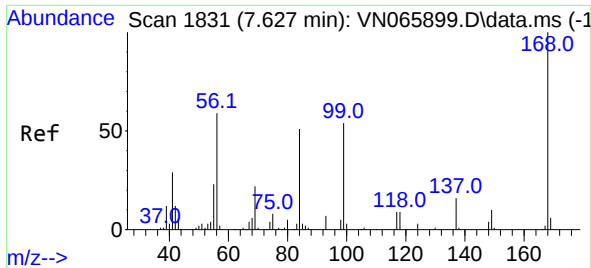
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021721\  
 Data File : VN065897.D  
 Acq On : 17 Feb 2021 13:41  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Feb 17 15:00:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 14:59:43 2021  
 Response via : Initial Calibration

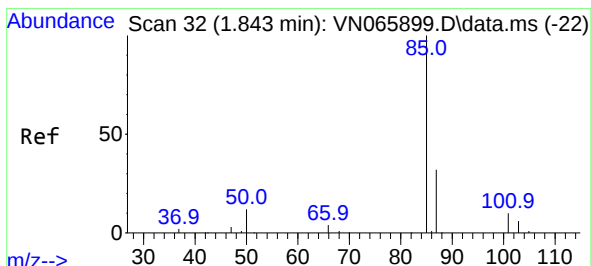
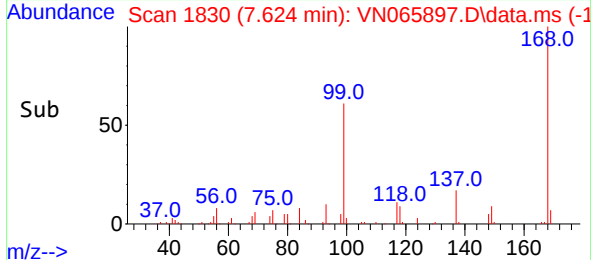
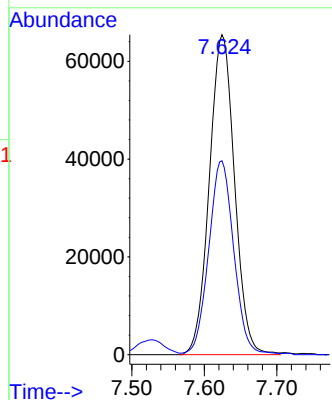
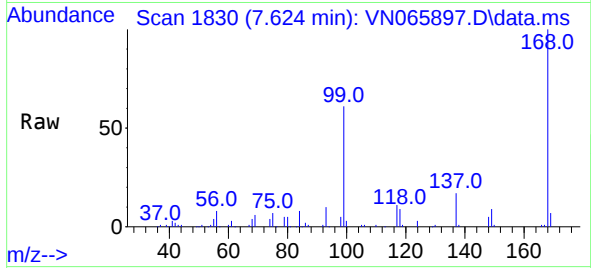




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

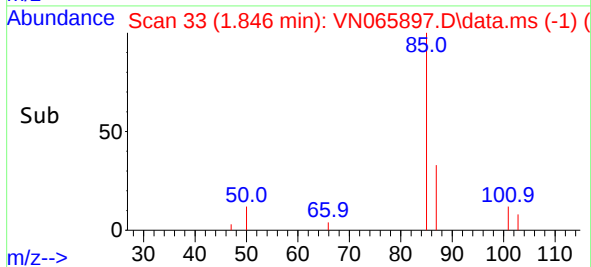
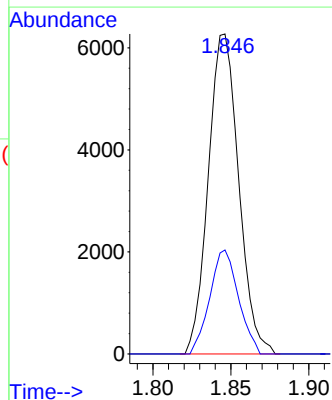
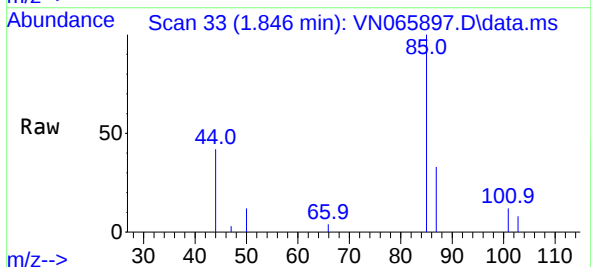
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

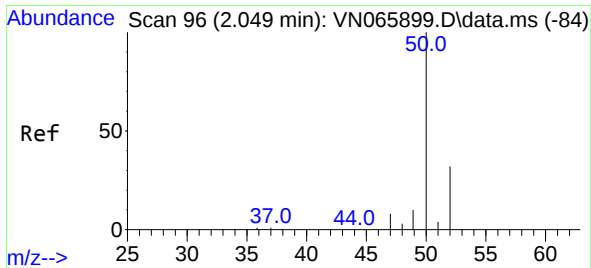
Tgt Ion:168 Resp: 158231  
Ion Ratio Lower Upper  
168 100  
99 60.3 42.6 63.8



#2  
Dichlorodifluoromethane  
Concen: 4.18 ug/l  
RT: 1.846 min Scan# 33  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

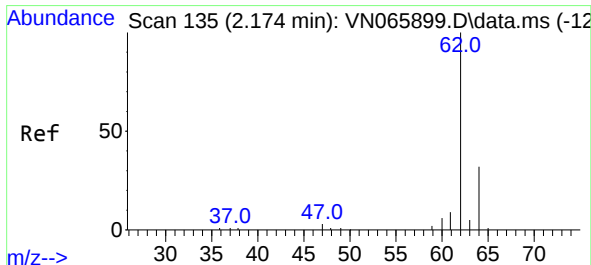
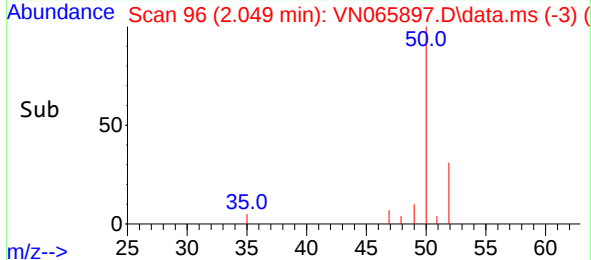
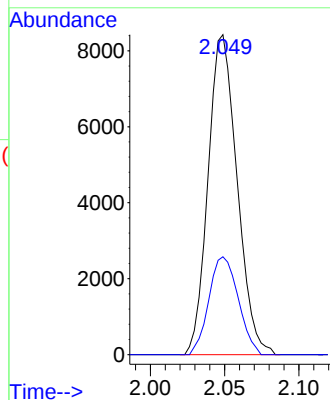
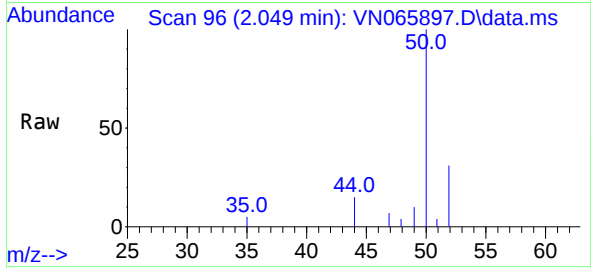
Tgt Ion: 85 Resp: 8499  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.6 49.8





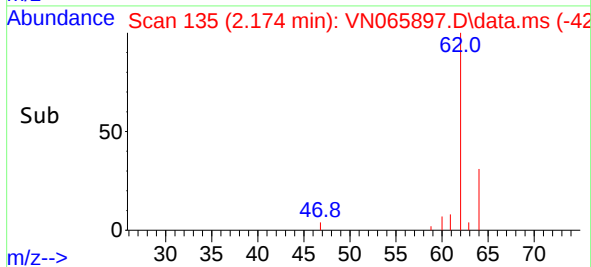
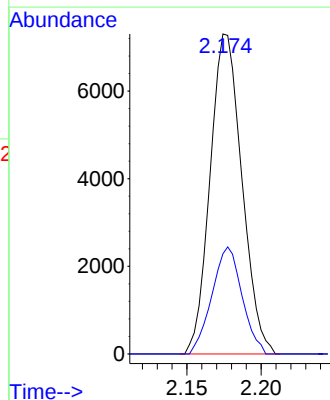
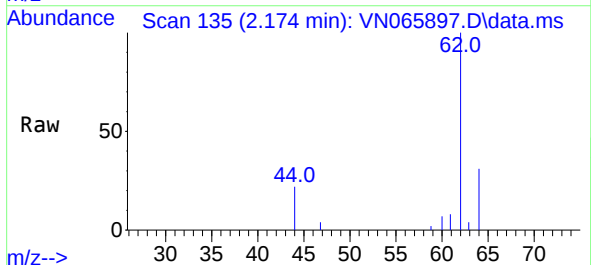
#3  
Chloromethane  
Concen: 4.53 ug/l  
RT: 2.049 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

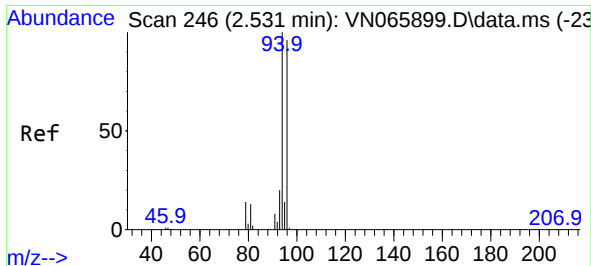
Tgt Ion: 50 Resp: 11465  
Ion Ratio Lower Upper  
50 100  
52 30.6 25.8 38.8



#4  
Vinyl Chloride  
Concen: 4.45 ug/l  
RT: 2.174 min Scan# 135  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 62 Resp: 10861  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.1 37.7

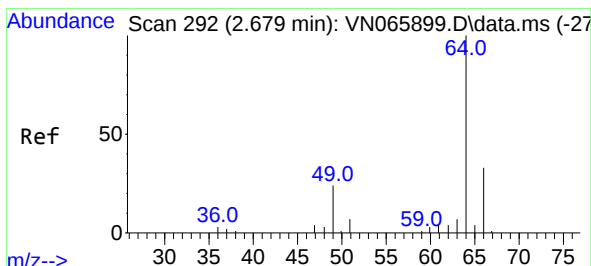
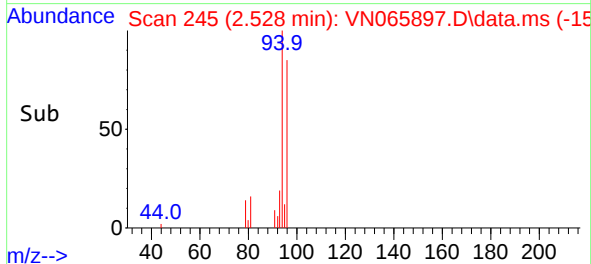
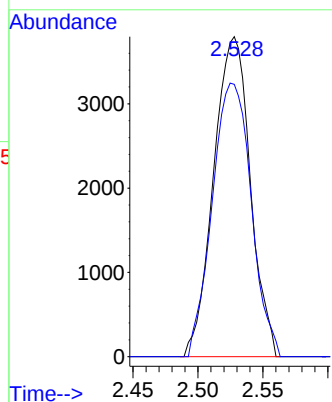
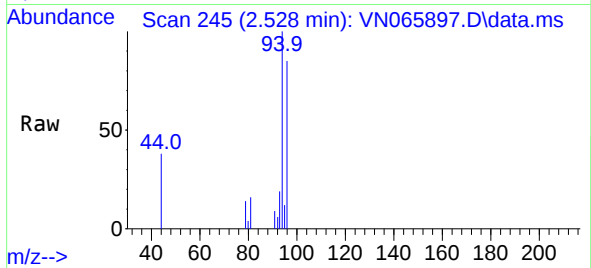




#5  
Bromomethane  
Concen: 4.46 ug/l  
RT: 2.528 min Scan# 245  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

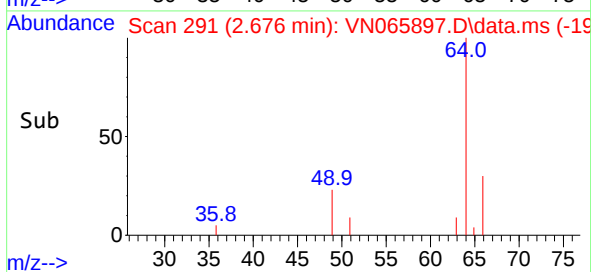
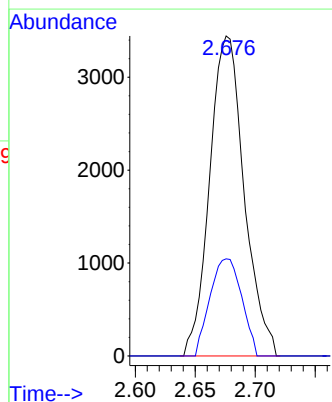
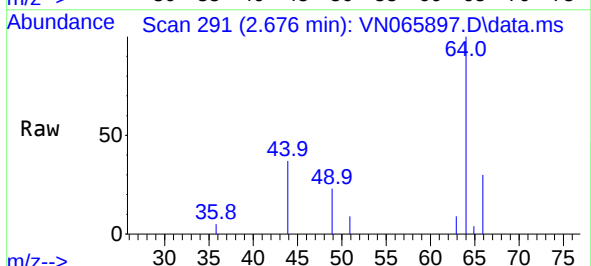
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 94 Resp: 7459  
Ion Ratio Lower Upper  
94 100  
96 85.1 73.0 109.4

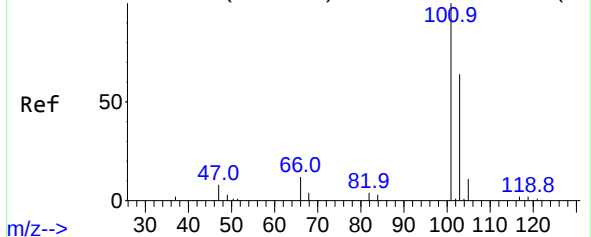


#6  
Chloroethane  
Concen: 4.89 ug/l  
RT: 2.676 min Scan# 291  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 64 Resp: 6890  
Ion Ratio Lower Upper  
64 100  
66 30.3 25.4 38.2



Abundance Scan 391 (2.997 min): VN065899.D\data.ms (-37

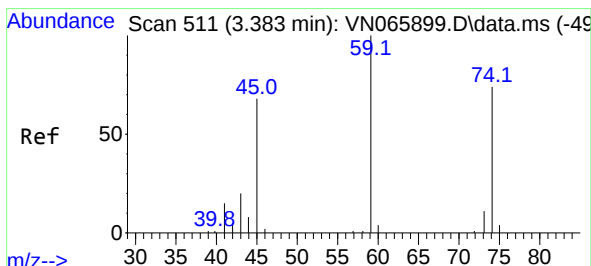
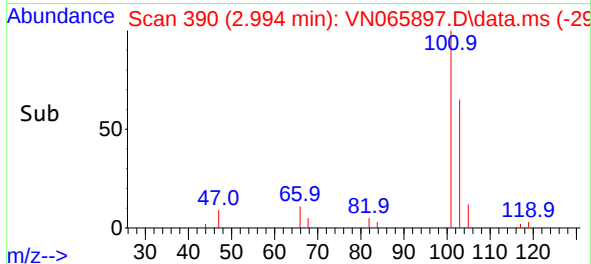
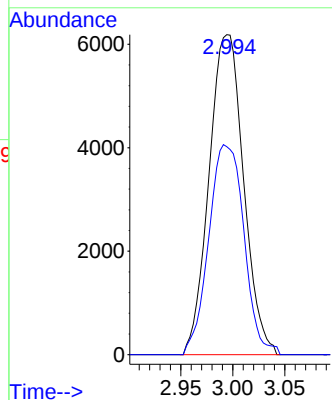
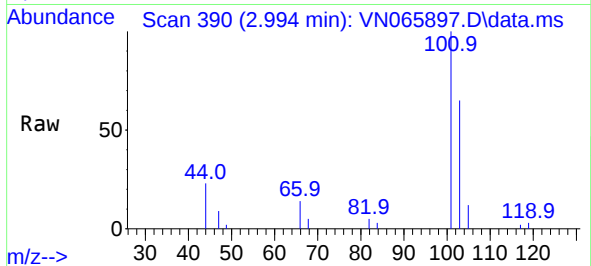


#7

Trichlorofluoromethane  
Concen: 4.53 ug/l  
RT: 2.994 min Scan# 390  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:101 Resp: 14331  
Ion Ratio Lower Upper  
101 100  
103 65.0 52.1 78.1

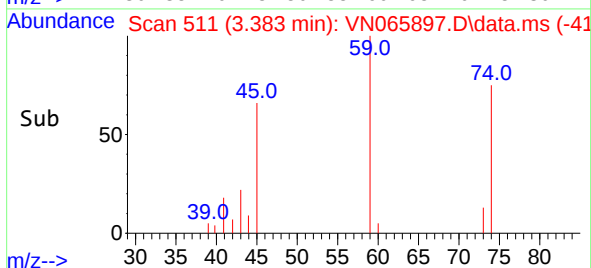
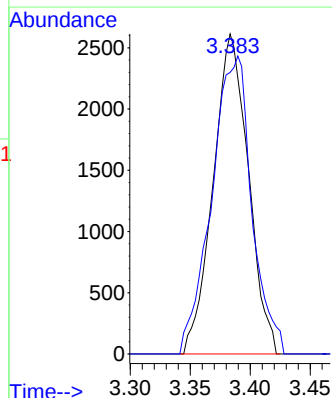
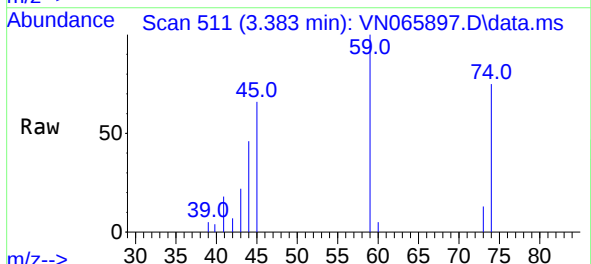
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

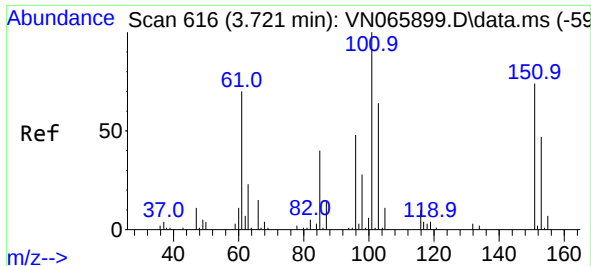


#8

Diethyl Ether  
Concen: 4.66 ug/l  
RT: 3.383 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 74 Resp: 5335  
Ion Ratio Lower Upper  
74 100  
45 105.7 46.4 139.1

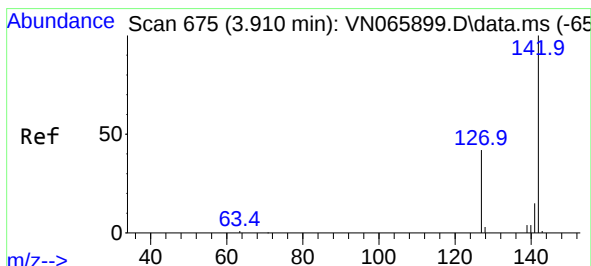
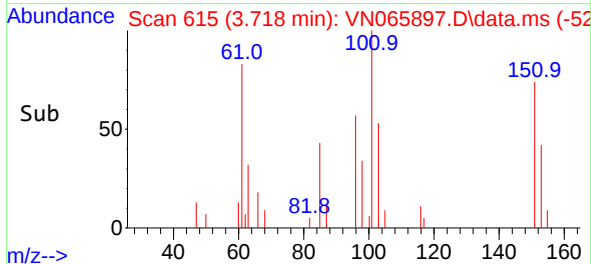
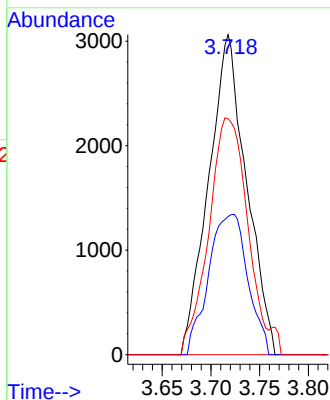
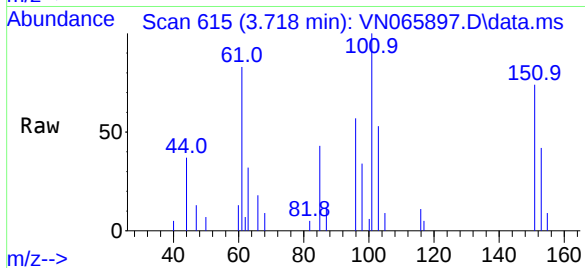




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.99 ug/l  
RT: 3.718 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

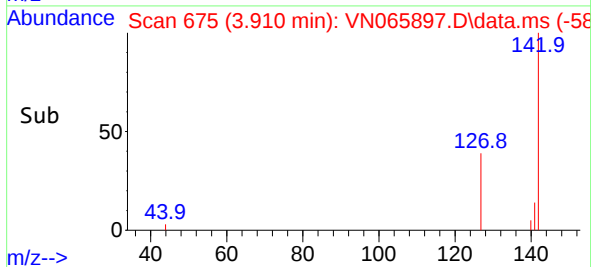
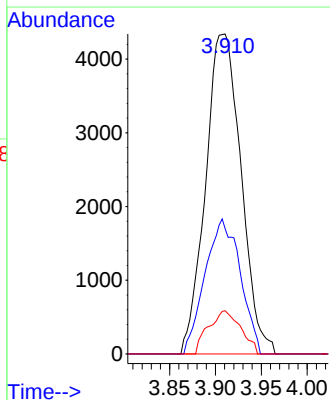
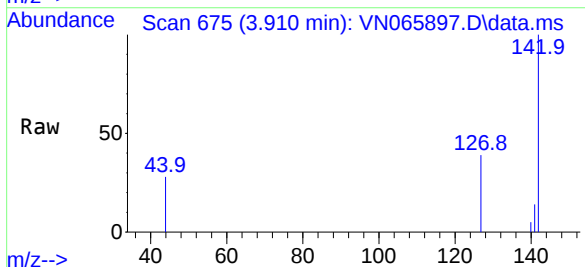
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

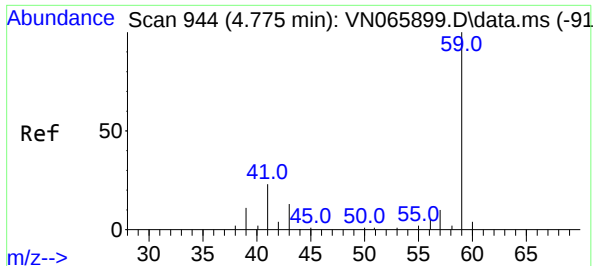
Tgt Ion:101 Resp: 8252  
Ion Ratio Lower Upper  
101 100  
85 45.5 34.6 51.8  
151 75.5 63.5 95.3



#10  
Methyl Iodide  
Concen: 4.61 ug/l  
RT: 3.910 min Scan# 675  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:142 Resp: 11701  
Ion Ratio Lower Upper  
142 100  
127 41.9 31.7 47.5  
141 12.3 10.9 16.3



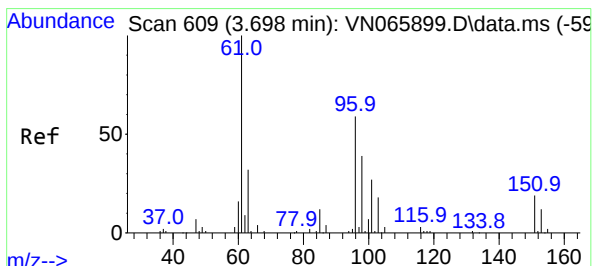
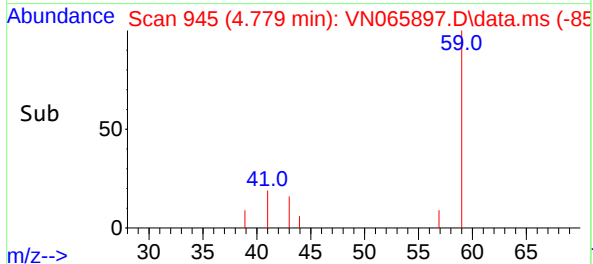
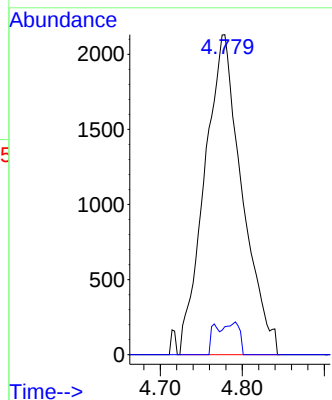
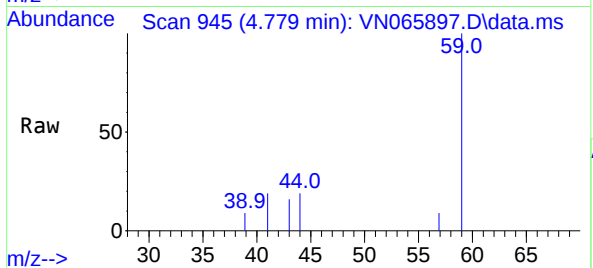


#11

Tert butyl alcohol  
Concen: 31.67 ug/l  
RT: 4.779 min Scan# 945  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

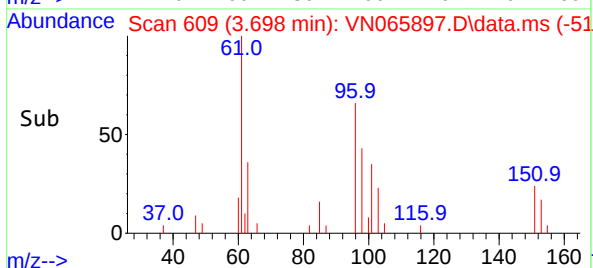
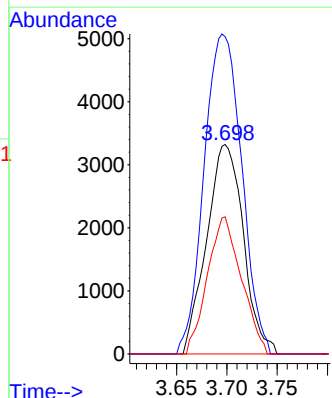
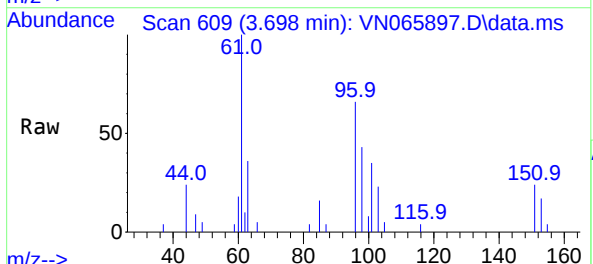
Tgt Ion: 59 Resp: 6761  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.0 12.0#

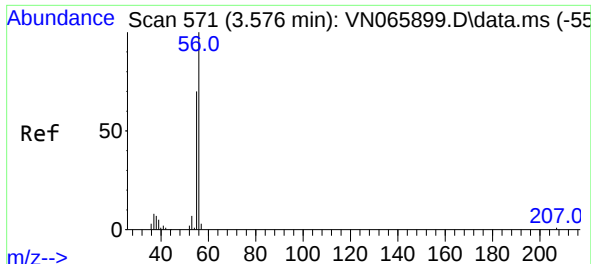


#12

1,1-Dichloroethene  
Concen: 4.77 ug/l  
RT: 3.698 min Scan# 609  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 96 Resp: 8447  
Ion Ratio Lower Upper  
96 100  
61 151.5 122.5 183.7  
98 65.5 50.8 76.2

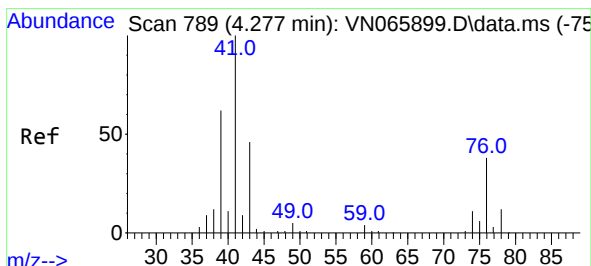
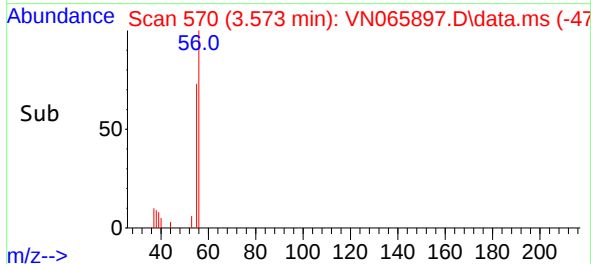
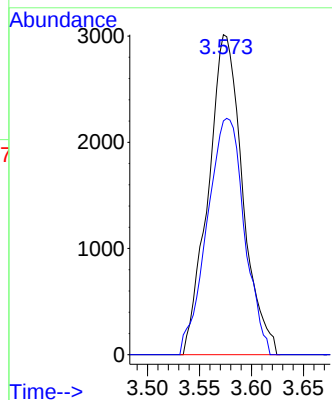
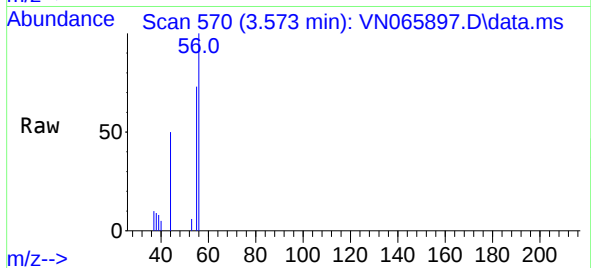




#13  
Acrolein  
Concen: 26.41 ug/l  
RT: 3.573 min Scan# 570  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

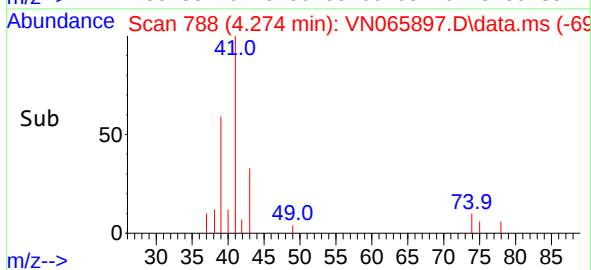
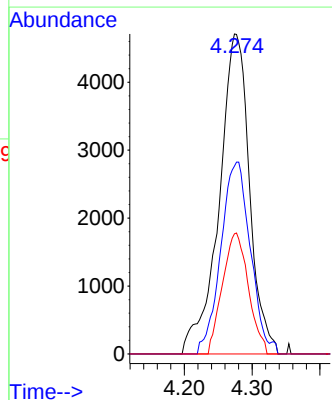
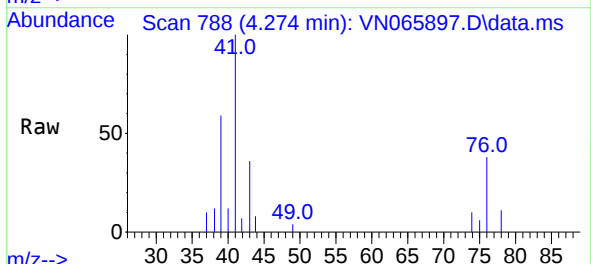
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

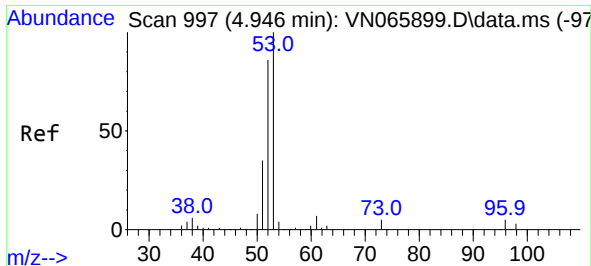
Tgt Ion: 56 Resp: 6933  
Ion Ratio Lower Upper  
56 100  
55 80.0 56.0 84.0



#14  
Allyl chloride  
Concen: 4.91 ug/l  
RT: 4.274 min Scan# 788  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 41 Resp: 14676  
Ion Ratio Lower Upper  
41 100  
39 57.8 53.0 79.4  
76 32.3 28.9 43.3



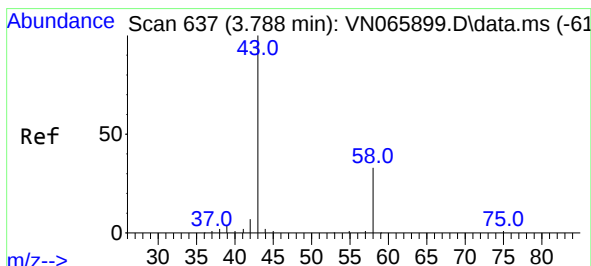
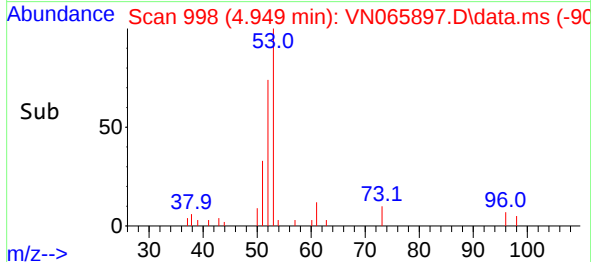
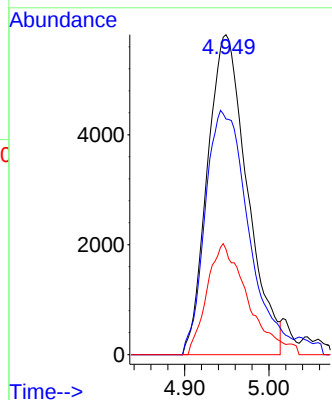
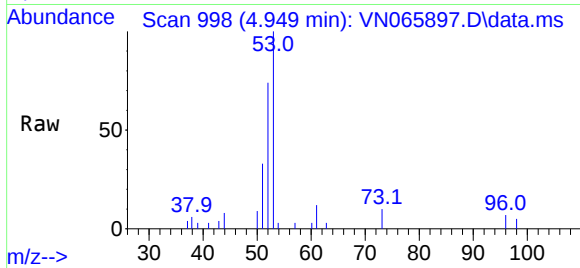


#15  
Acrylonitrile  
Concen: 29.35 ug/l  
RT: 4.949 min Scan# 998  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 53 Resp: 19070

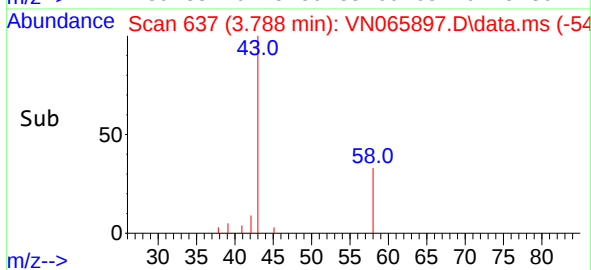
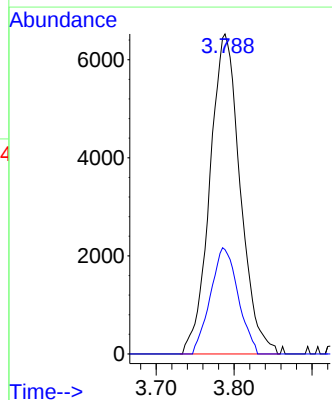
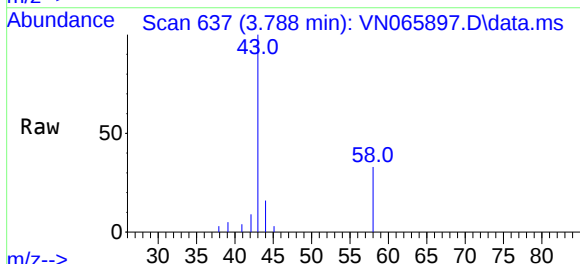
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.5  | 66.1  | 99.1  |
| 51  | 35.7  | 27.9  | 41.9  |

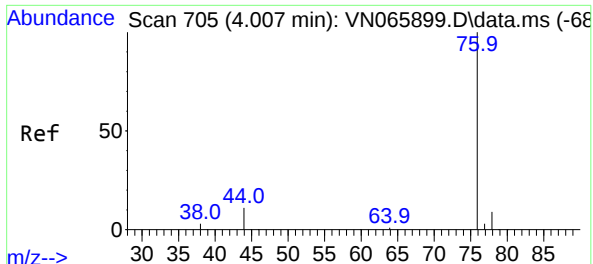


#16  
Acetone  
Concen: 21.42 ug/l  
RT: 3.788 min Scan# 637  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 43 Resp: 17657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.6  | 27.0  | 40.6  |

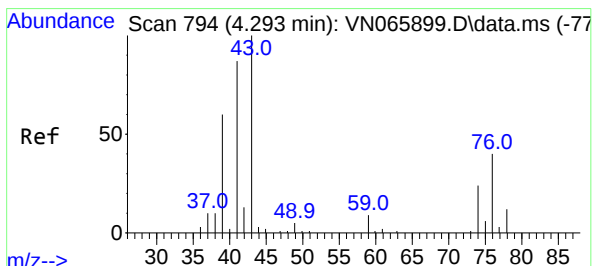
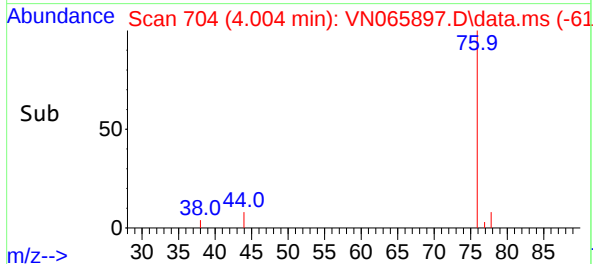
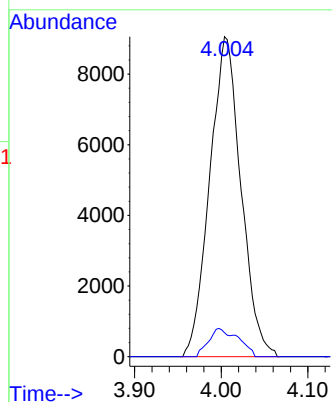
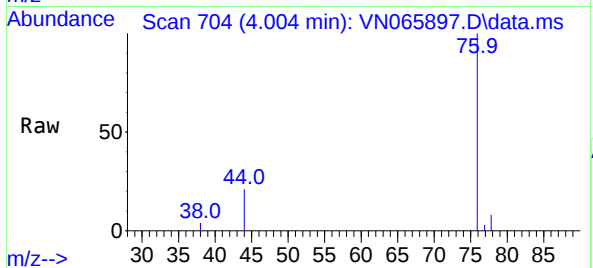




#17  
Carbon Disulfide  
Concen: 4.61 ug/l  
RT: 4.004 min Scan# 704  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

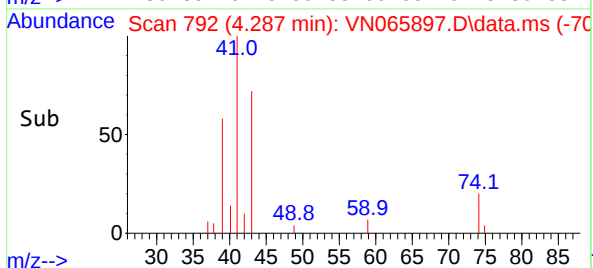
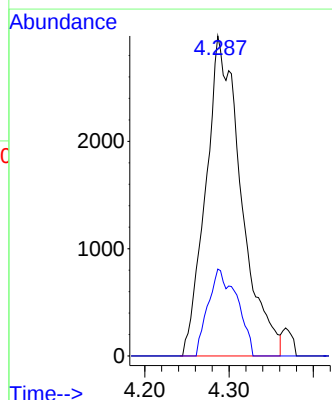
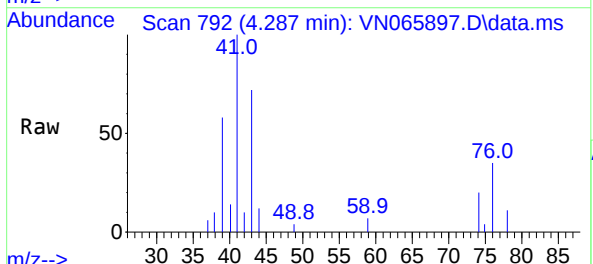
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

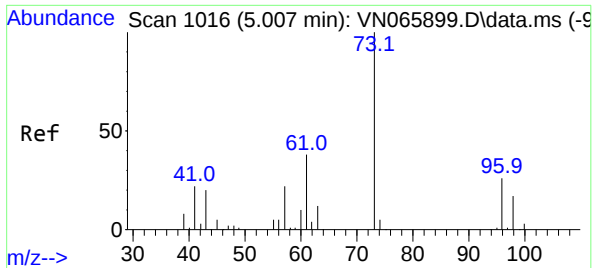
Tgt Ion: 76 Resp: 22698  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.8 11.6#



#18  
Methyl Acetate  
Concen: 4.79 ug/l  
RT: 4.287 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 43 Resp: 8701  
Ion Ratio Lower Upper  
43 100  
74 22.2 19.5 29.3



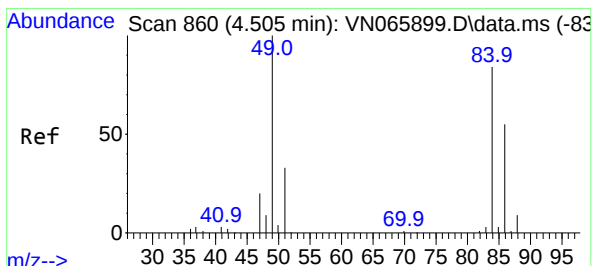
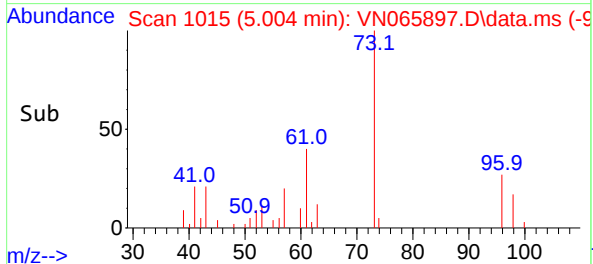
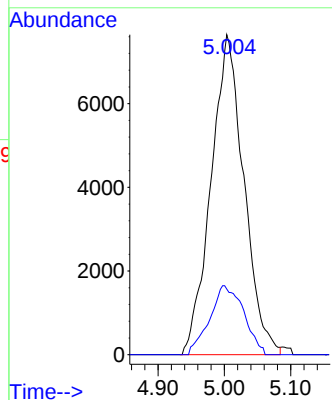
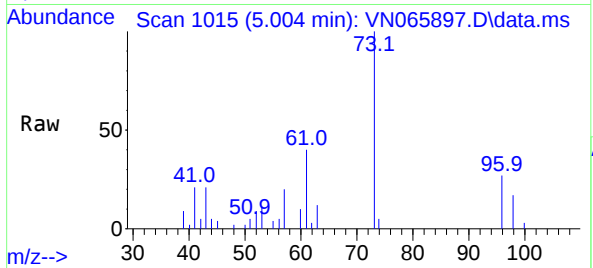


#19

Methyl tert-butyl Ether  
Concen: 4.68 ug/l  
RT: 5.004 min Scan# 1015  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

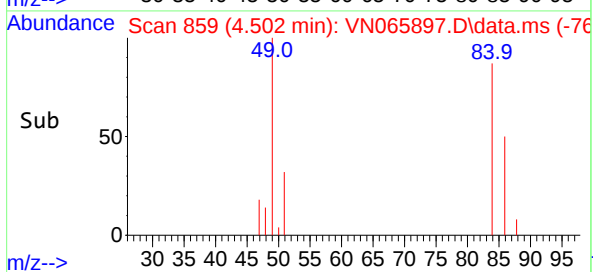
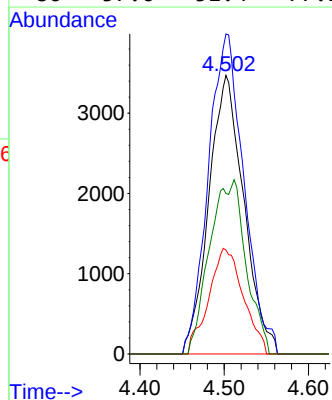
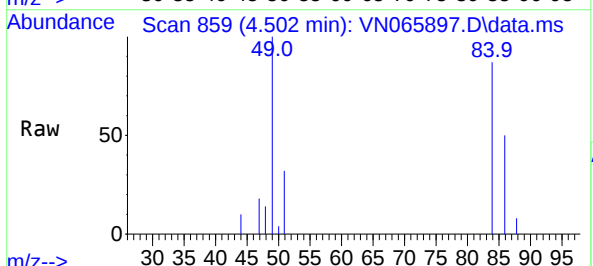
Tgt Ion: 73 Resp: 26385  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.3 25.9

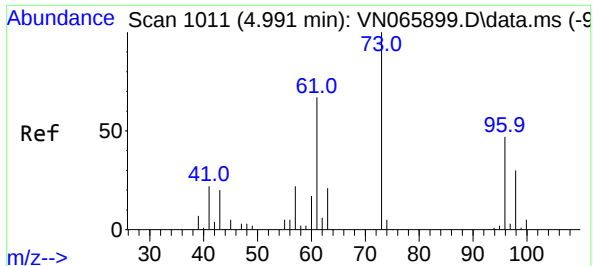


#20

Methylene Chloride  
Concen: 4.82 ug/l  
RT: 4.502 min Scan# 859  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 84 Resp: 10009  
Ion Ratio Lower Upper  
84 100  
49 114.9 94.6 141.8  
51 37.3 29.9 44.9  
86 57.6 51.4 77.2

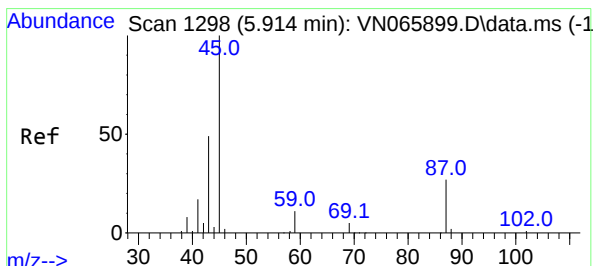
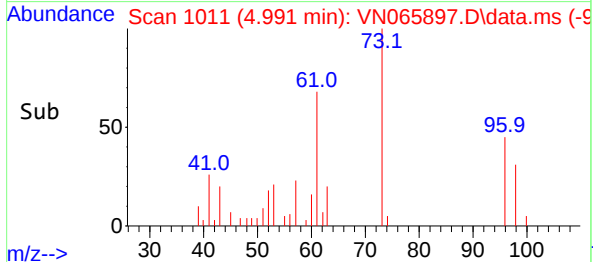
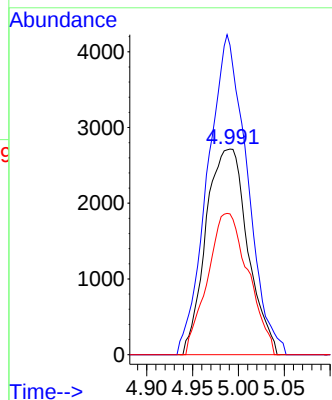
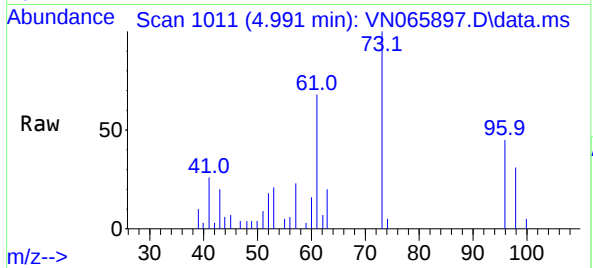




#21  
trans-1,2-Dichloroethene  
Concen: 5.45 ug/l  
RT: 4.991 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

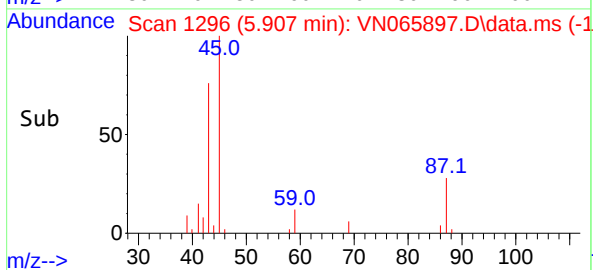
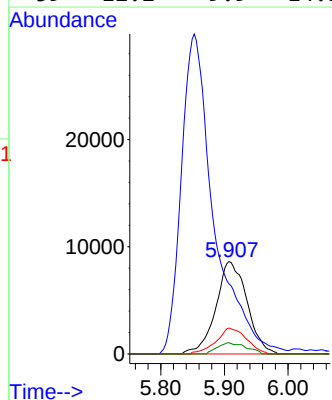
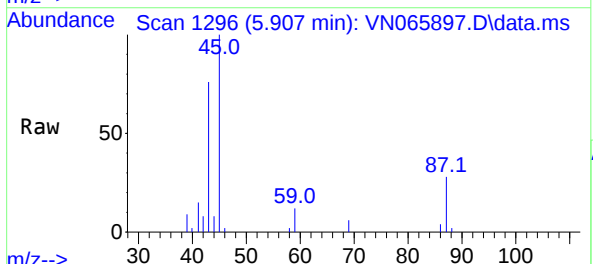
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

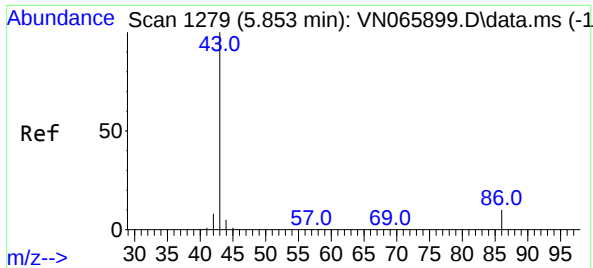
Tgt Ion: 96 Resp: 8595  
Ion Ratio Lower Upper  
96 100  
61 144.1 104.9 157.3  
98 68.5 51.8 77.8



#22  
Diisopropyl ether  
Concen: 4.89 ug/l  
RT: 5.907 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 45 Resp: 29233  
Ion Ratio Lower Upper  
45 100  
43 70.2 48.9 73.3  
87 28.1 23.7 35.5  
59 12.2 9.9 14.9

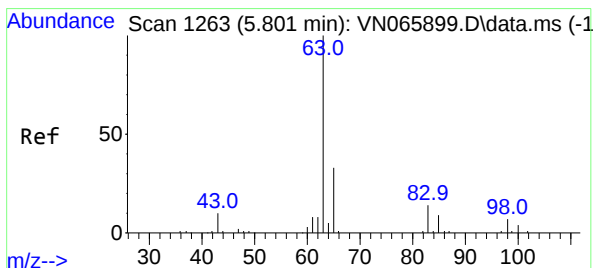
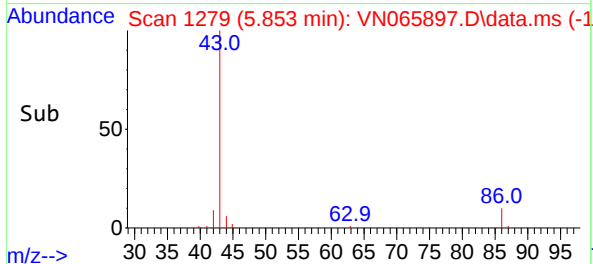
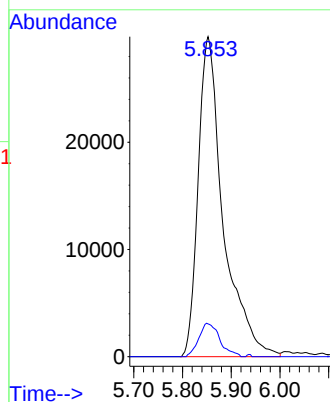
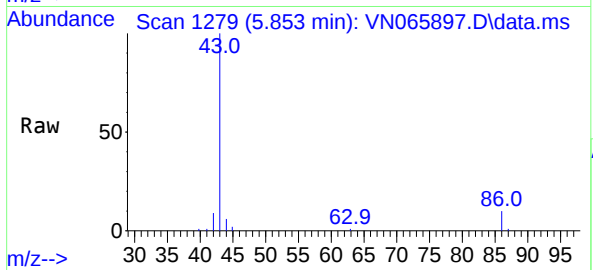




#23  
 Vinyl Acetate  
 Concen: 23.76 ug/l  
 RT: 5.853 min Scan# 1279  
 Delta R.T. -0.000 min  
 Lab File: VN065897.D  
 Acq: 17 Feb 2021 13:41

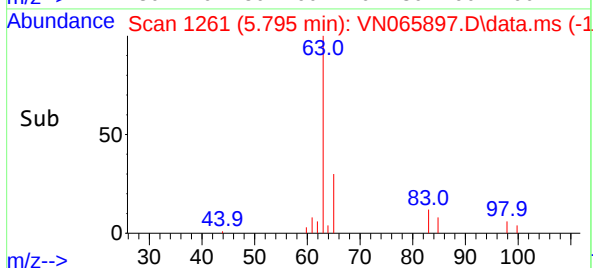
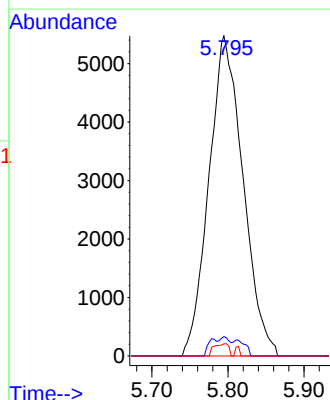
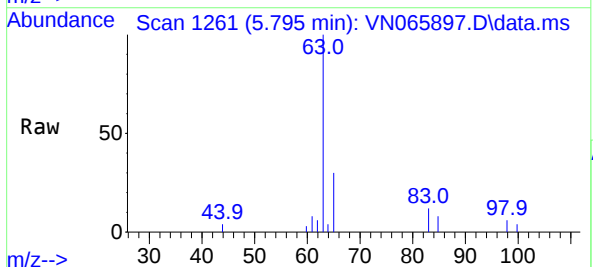
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

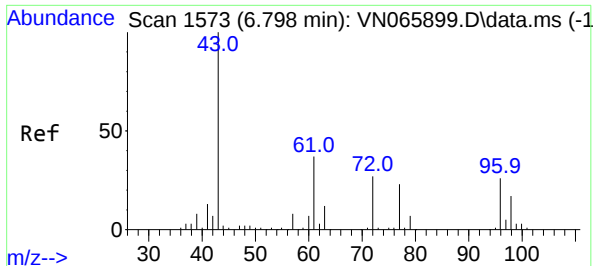
Tgt Ion: 43 Resp: 106594  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 4.92 ug/l  
 RT: 5.795 min Scan# 1261  
 Delta R.T. -0.006 min  
 Lab File: VN065897.D  
 Acq: 17 Feb 2021 13:41

Tgt Ion: 63 Resp: 17034  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.5 10.4  
 100 3.8 2.3 6.9

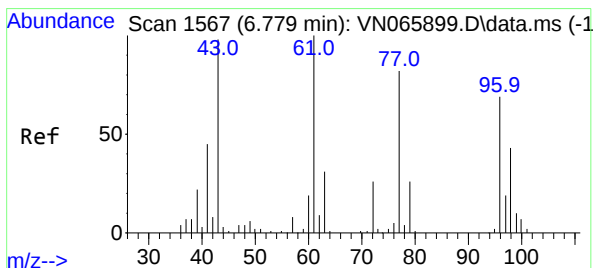
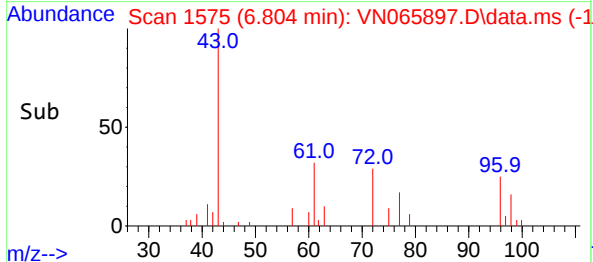
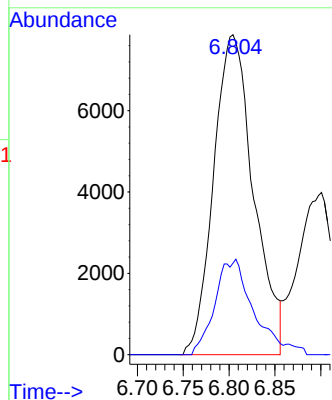
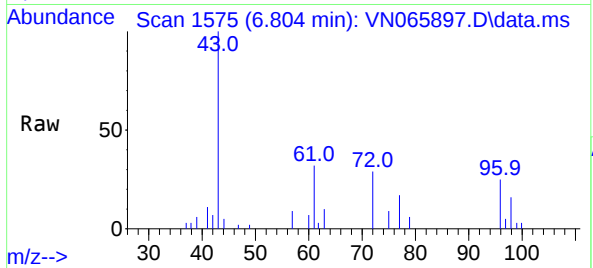




#25  
2-Butanone  
Concen: 22.84 ug/l  
RT: 6.804 min Scan# 1575  
Delta R.T. 0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

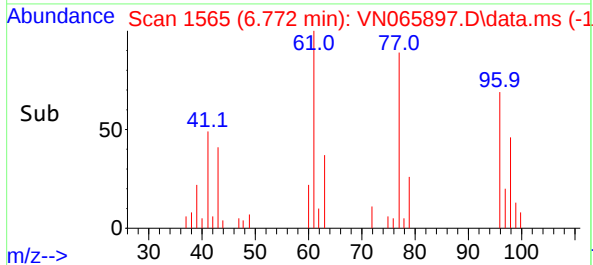
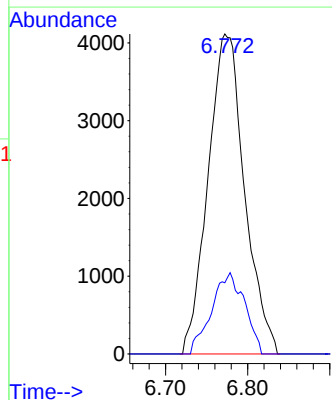
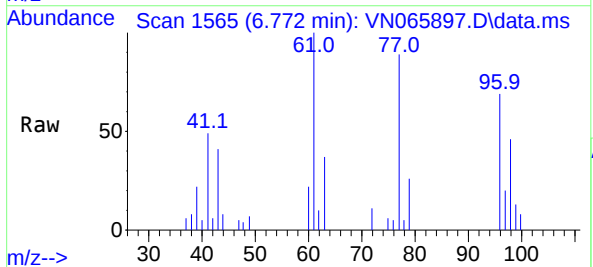
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

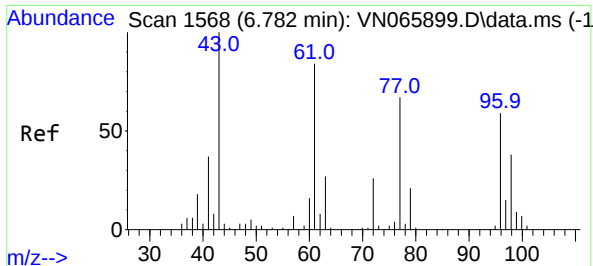
Tgt Ion: 43 Resp: 23857  
Ion Ratio Lower Upper  
43 100  
72 28.6 23.1 34.7



#26  
2,2-Dichloropropane  
Concen: 5.59 ug/l  
RT: 6.772 min Scan# 1565  
Delta R.T. -0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 77 Resp: 12718  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.9 35.9



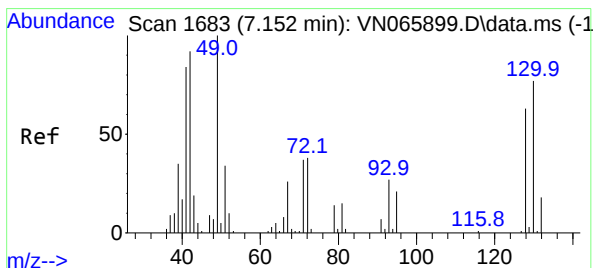
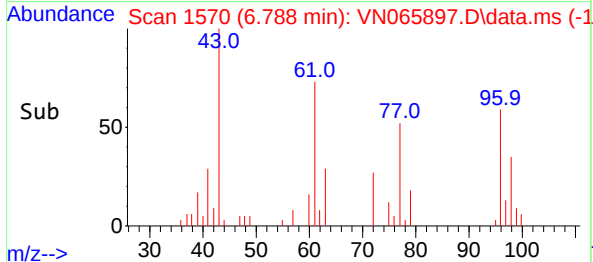
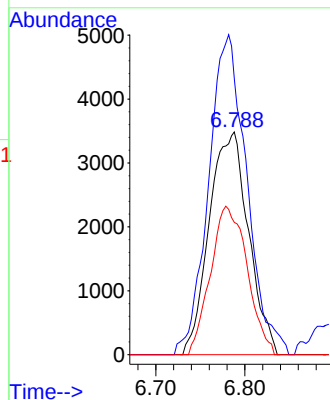
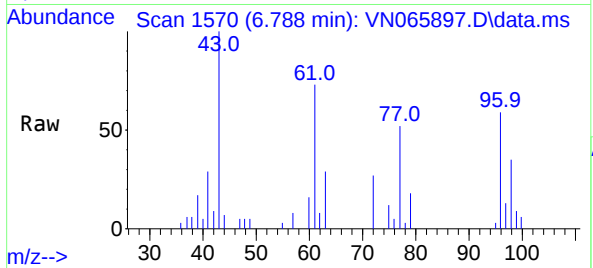


#27  
 cis-1,2-Dichloroethene  
 Concen: 6.25 ug/l  
 RT: 6.788 min Scan# 1570  
 Delta R.T. 0.006 min  
 Lab File: VN065897.D  
 Acq: 17 Feb 2021 13:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 96 Resp: 10672

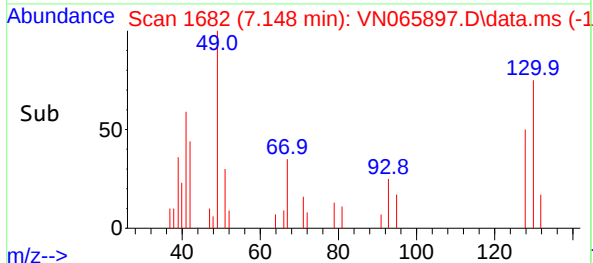
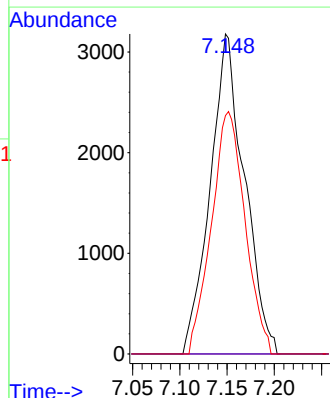
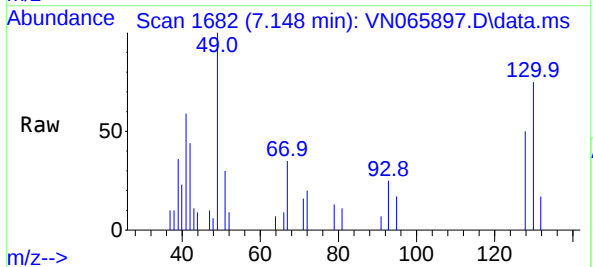
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.7 | 0.0   | 276.8 |
| 98  | 62.4  | 0.0   | 129.4 |

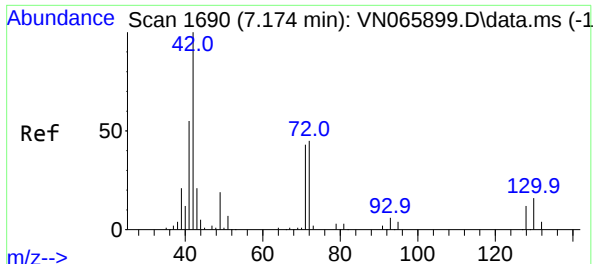


#28  
 Bromochloromethane  
 Concen: 6.08 ug/l  
 RT: 7.148 min Scan# 1682  
 Delta R.T. -0.003 min  
 Lab File: VN065897.D  
 Acq: 17 Feb 2021 13:41

Tgt Ion: 49 Resp: 8012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.6   |
| 130 | 74.1  | 67.8  | 101.6 |

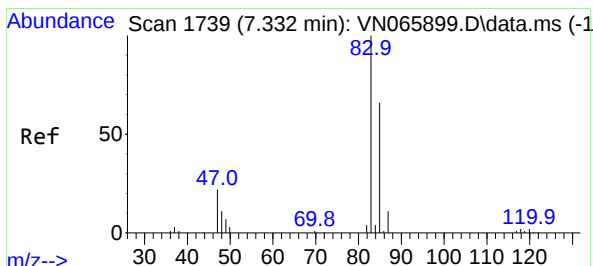
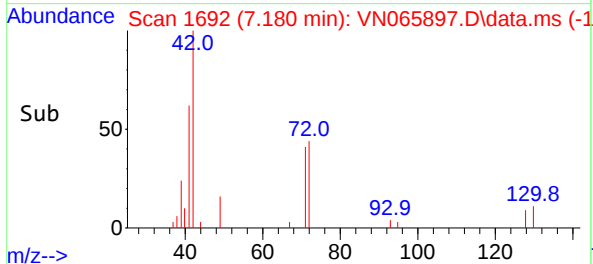
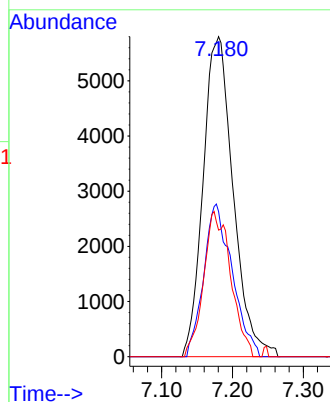
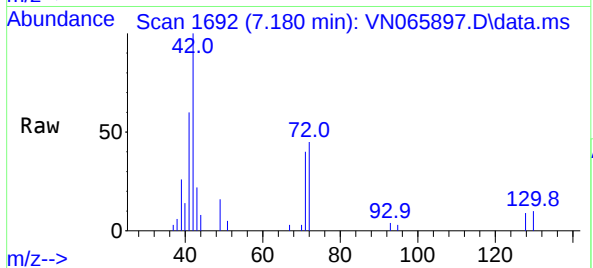




#29  
Tetrahydrofuran  
Concen: 23.26 ug/l  
RT: 7.180 min Scan# 1692  
Delta R.T. 0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

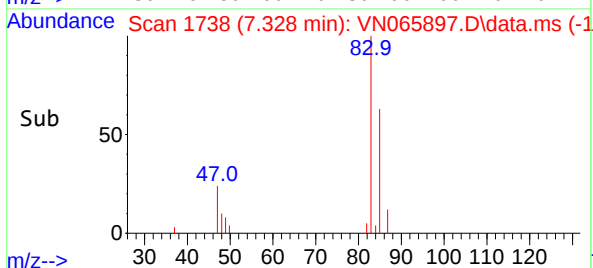
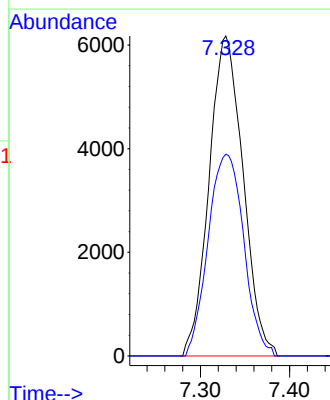
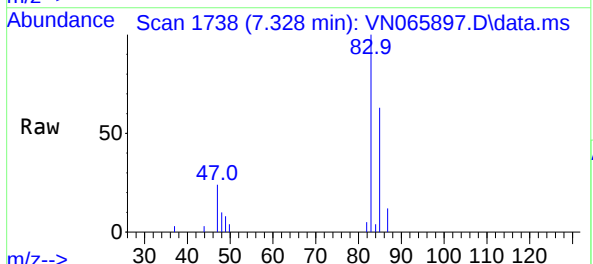
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

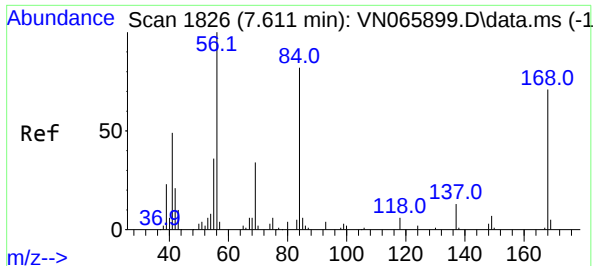
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 17098 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.2  | 36.6  | 55.0  |
| 71       | 41.0  | 34.3  | 51.5  |



#30  
Chloroform  
Concen: 4.81 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 16369 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.0  | 52.6  | 78.8  |

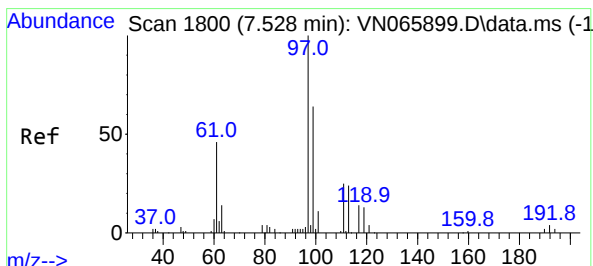
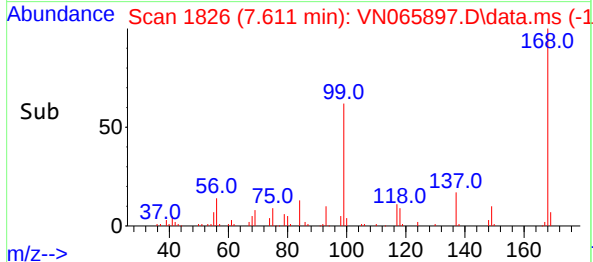
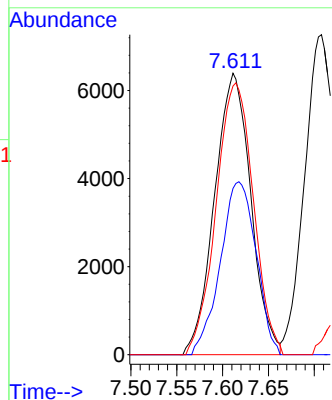
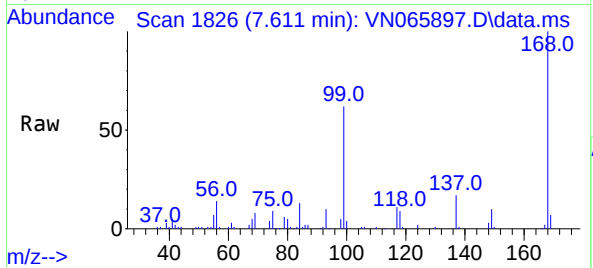




#31  
Cyclohexane  
Concen: 4.11 ug/l  
RT: 7.611 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

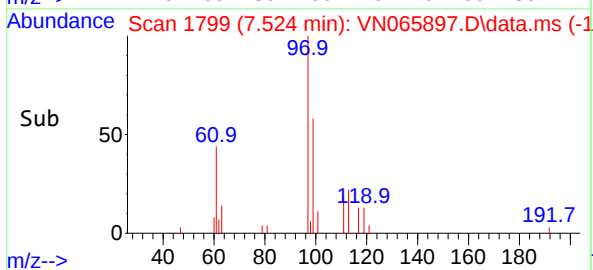
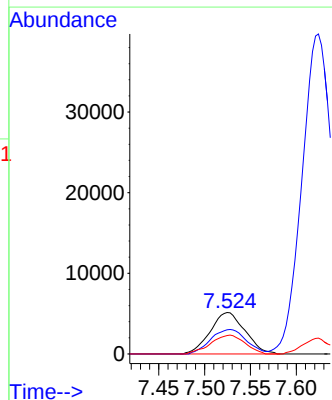
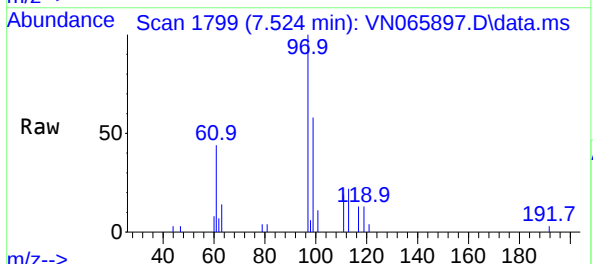
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

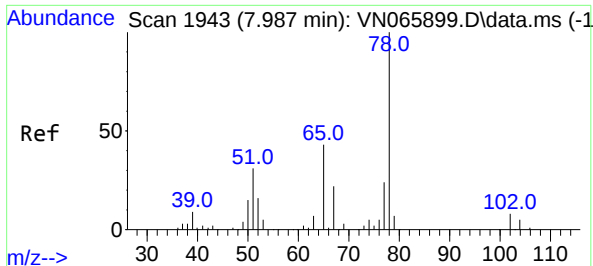
Tgt Ion: 56 Resp: 17594  
Ion Ratio Lower Upper  
56 100  
69 59.1 26.6 39.8#  
84 95.5 70.4 105.6



#32  
1,1,1-Trichloroethane  
Concen: 4.79 ug/l  
RT: 7.524 min Scan# 1799  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 97 Resp: 13573  
Ion Ratio Lower Upper  
97 100  
99 60.5 50.8 76.2  
61 44.7 34.3 51.5

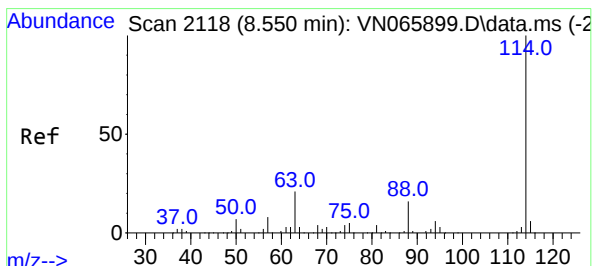
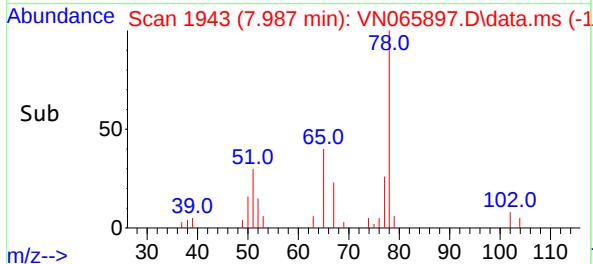
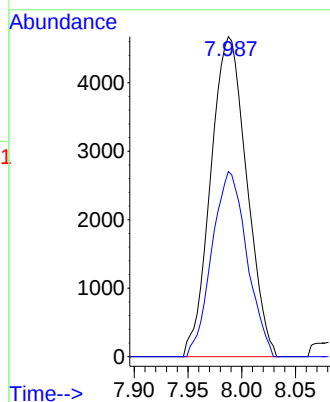
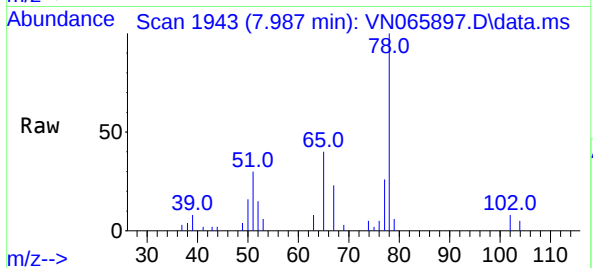




#33  
1,2-Dichloroethane-d4  
Concen: 4.97 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

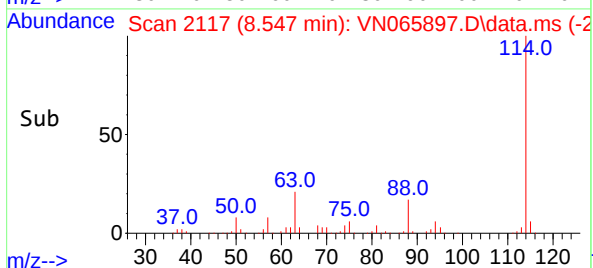
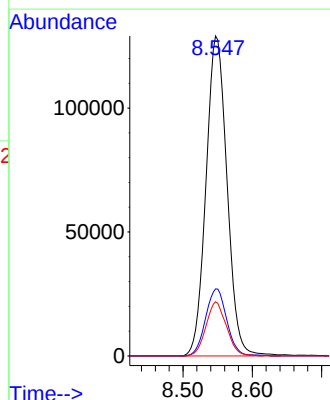
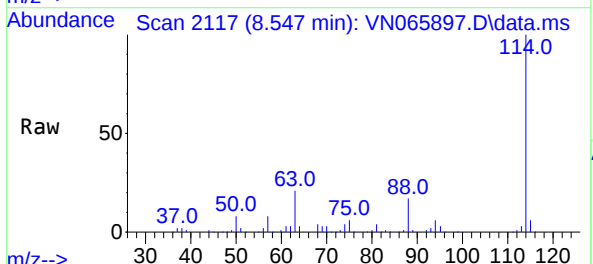
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

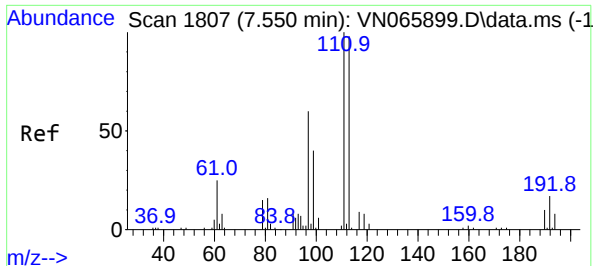
Tgt Ion: 65 Resp: 10882  
Ion Ratio Lower Upper  
65 100  
67 56.2 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 114 Resp: 271703  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 38.6  
88 17.0 0.0 30.6

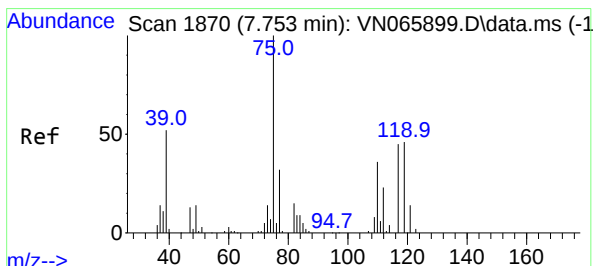
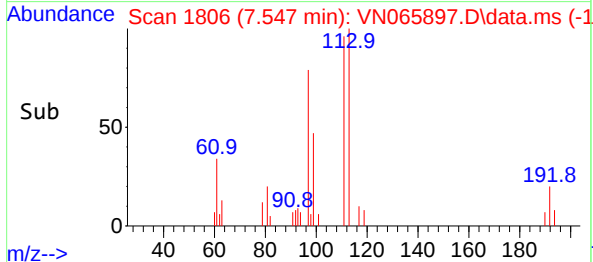
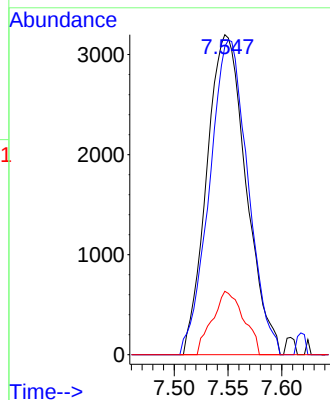
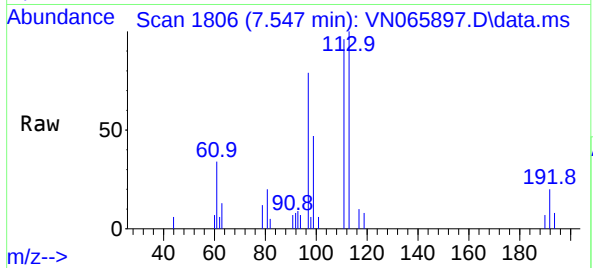




#35  
Dibromofluoromethane  
Concen: 4.97 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

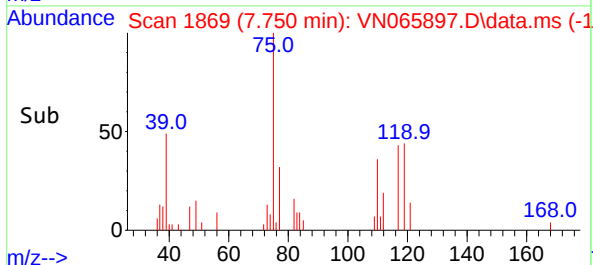
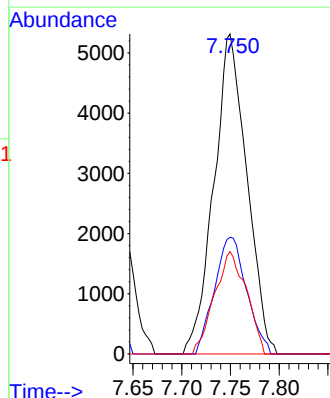
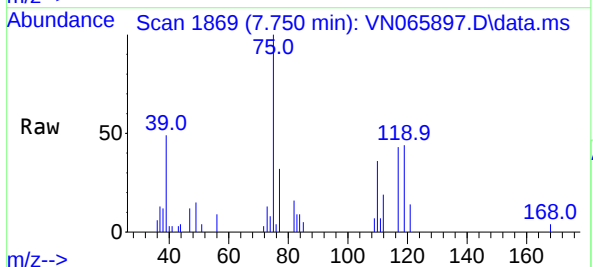
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

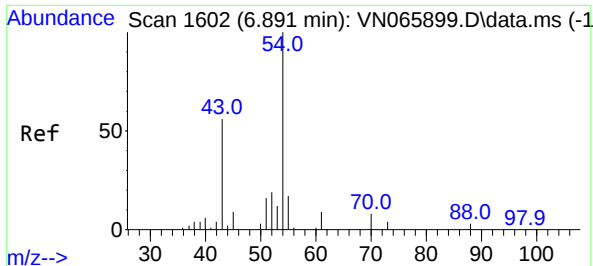
Tgt Ion:113 Resp: 8128  
Ion Ratio Lower Upper  
113 100  
111 96.1 82.2 123.2  
192 15.7 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 4.76 ug/l  
RT: 7.750 min Scan# 1869  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 75 Resp: 12512  
Ion Ratio Lower Upper  
75 100  
110 35.6 18.2 54.6  
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 3.95 ug/l

RT: 6.901 min Scan# 1605

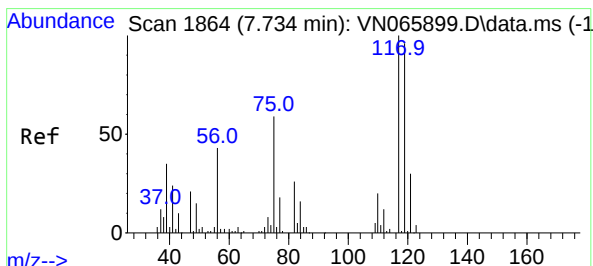
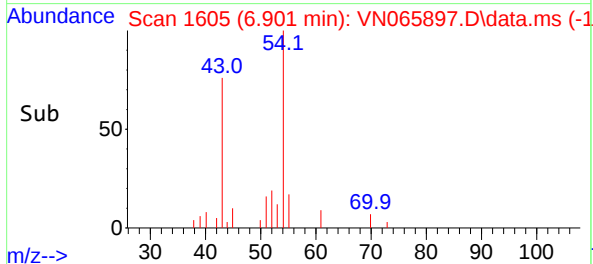
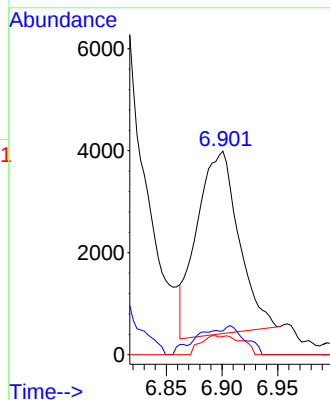
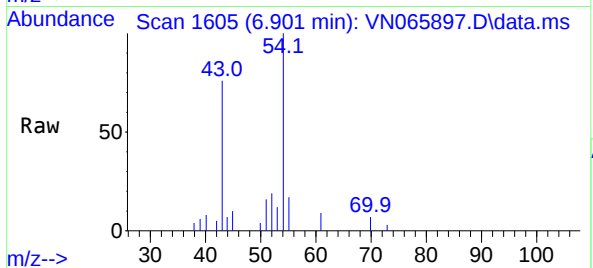
Delta R.T. 0.010 min

Lab File: VN065897.D

Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 9367  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 17.5  | 11.6  | 17.4# |
| 70       | 4.8   | 8.6   | 13.0# |



#38

Carbon Tetrachloride

Concen: 4.64 ug/l

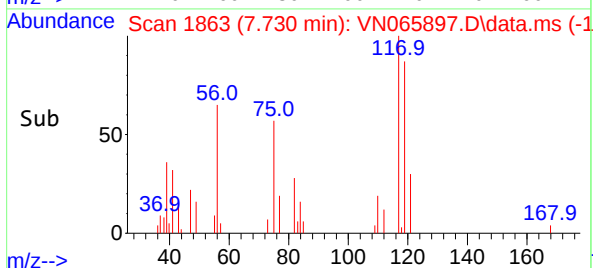
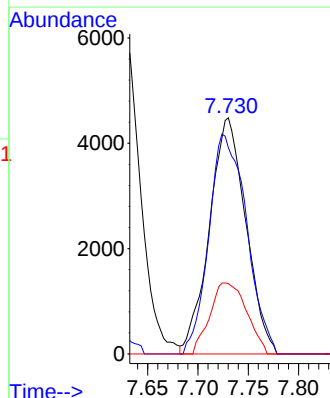
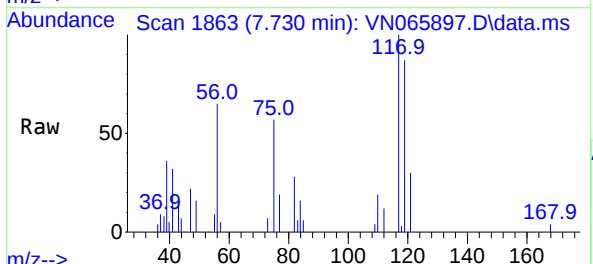
RT: 7.730 min Scan# 1863

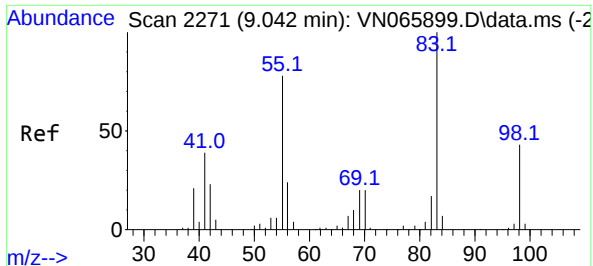
Delta R.T. -0.003 min

Lab File: VN065897.D

Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11297 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 87.4  | 76.0  | 114.0 |
| 121      | 29.8  | 24.5  | 36.7  |

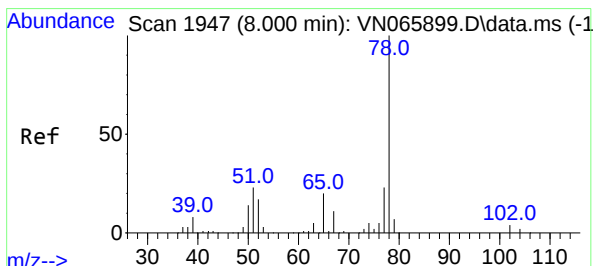
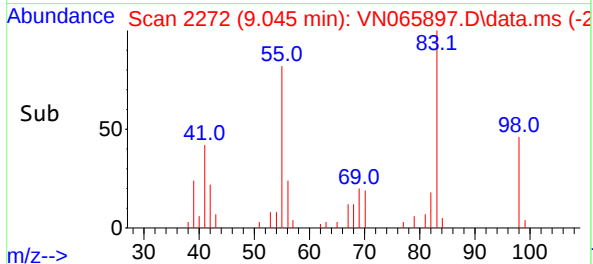
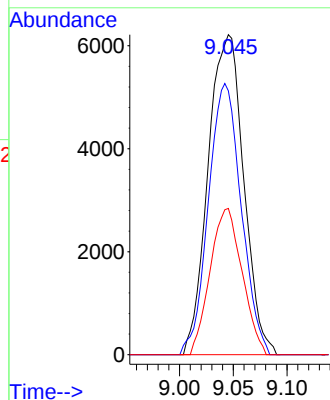
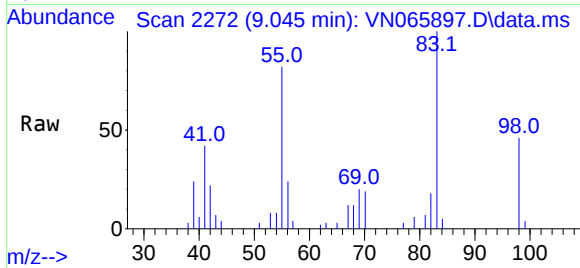




#39  
Methylcyclohexane  
Concen: 4.78 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

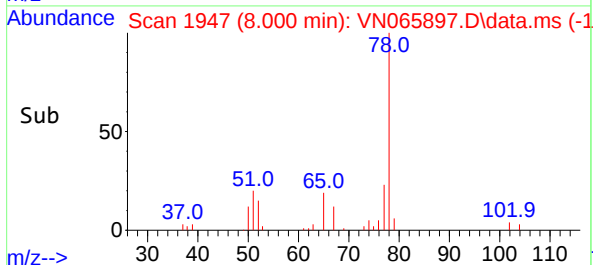
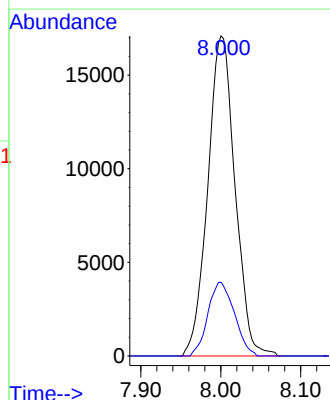
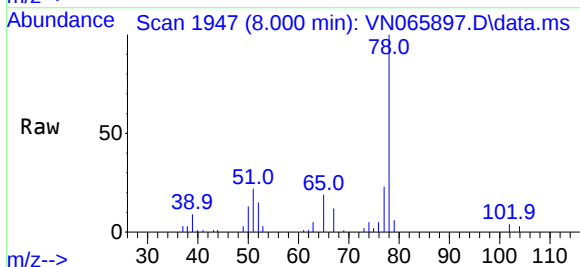
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

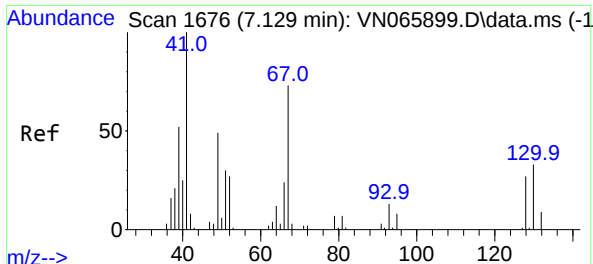
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 14289 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 82.5     | 58.9 88.3   |
| 98 45.7     | 35.9 53.9   |



#40  
Benzene  
Concen: 4.95 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 40476 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 23.0     | 19.0 28.4   |



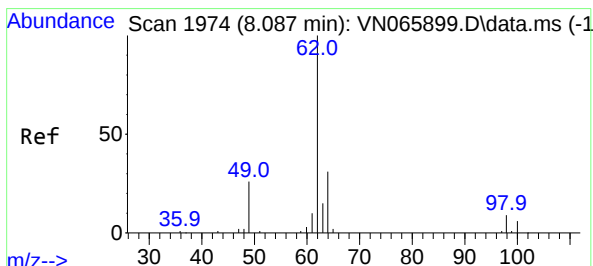
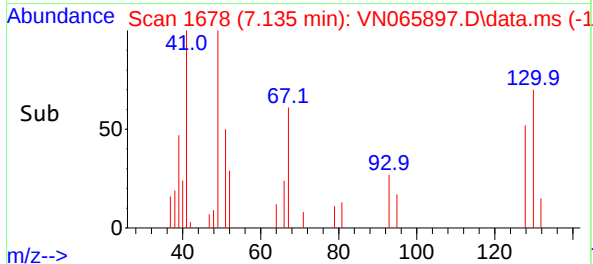
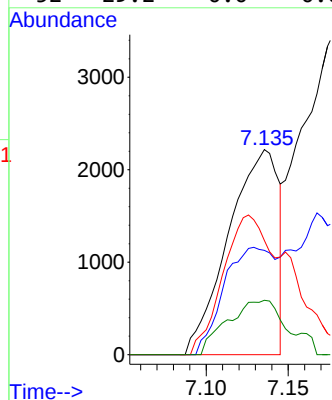
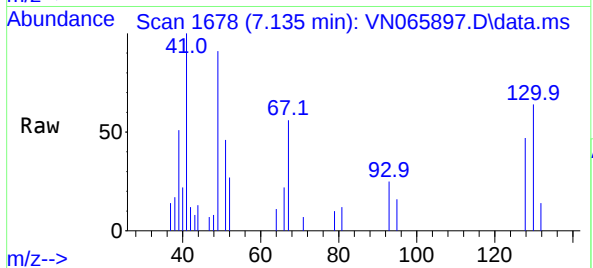


#41  
Methacrylonitrile  
Concen: 4.94 ug/l  
RT: 7.135 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 41 Resp: 4696

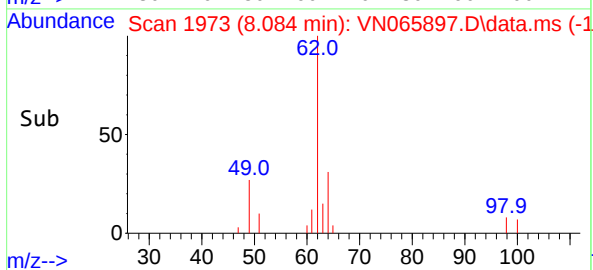
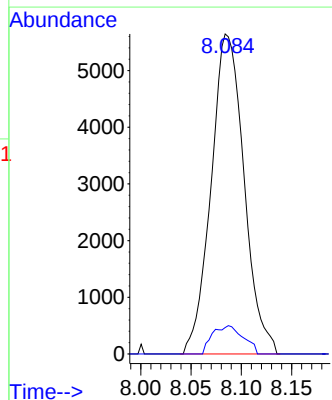
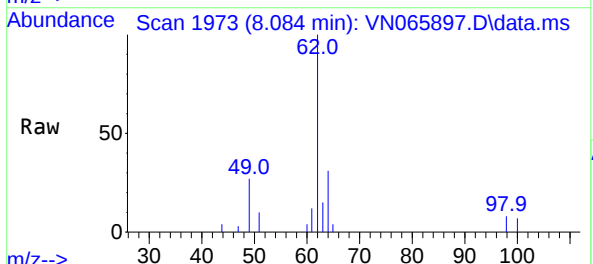
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 51.4  | 0.0   | 0.0#  |
| 67  | 92.0  | 0.0   | 0.0#  |
| 52  | 29.2  | 0.0   | 0.0#  |

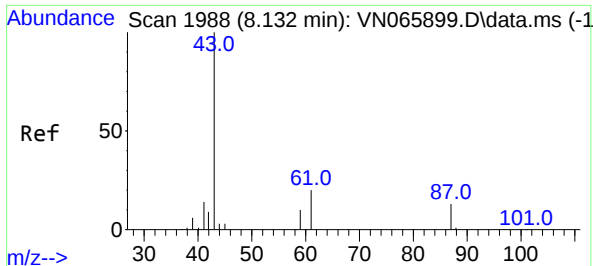


#42  
1,2-Dichloroethane  
Concen: 4.92 ug/l  
RT: 8.084 min Scan# 1973  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 62 Resp: 12883

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.2   | 0.0   | 18.6  |

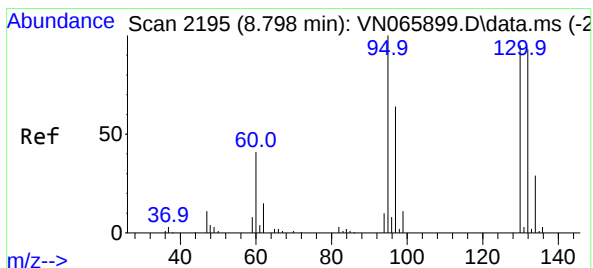
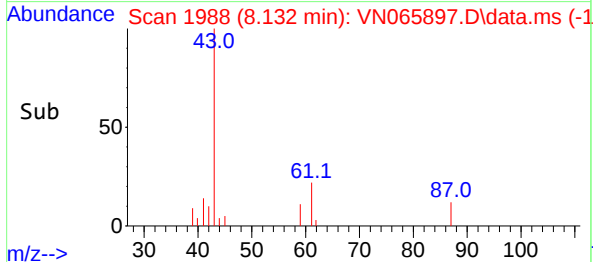
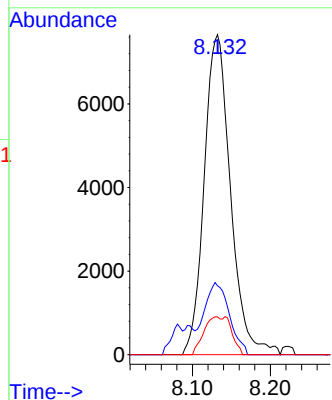
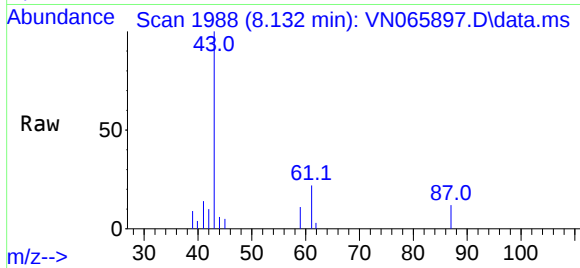




#43  
Isopropyl Acetate  
Concen: 4.95 ug/l  
RT: 8.132 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

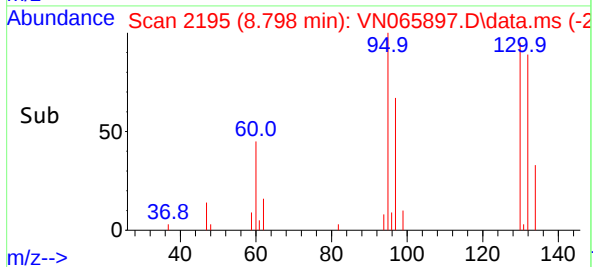
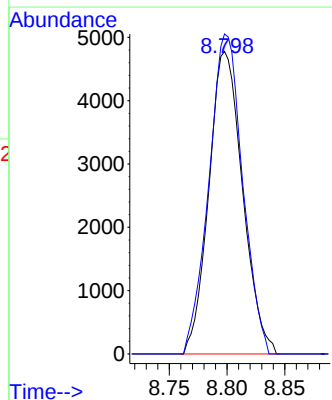
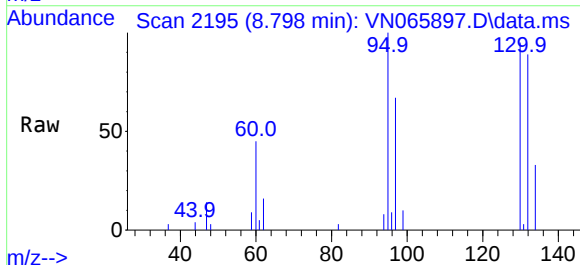
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

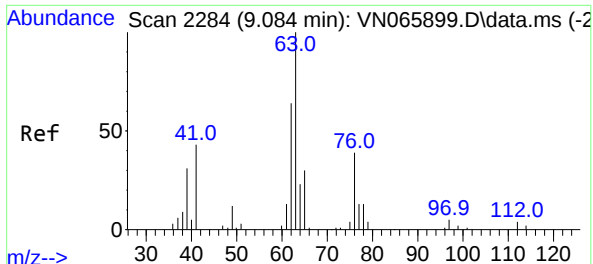
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 17960 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.5  | 22.5  | 33.7# |
| 87       | 8.4   | 11.1  | 16.7# |



#44  
Trichloroethene  
Concen: 4.94 ug/l  
RT: 8.798 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 9699  |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 105.8 | 0.0   | 199.6 |



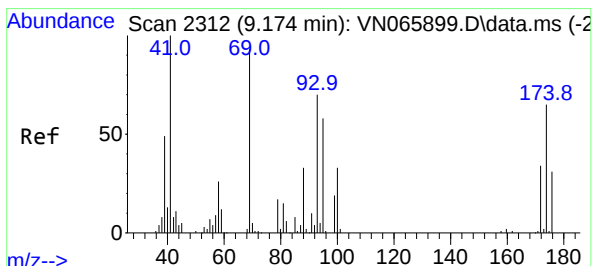
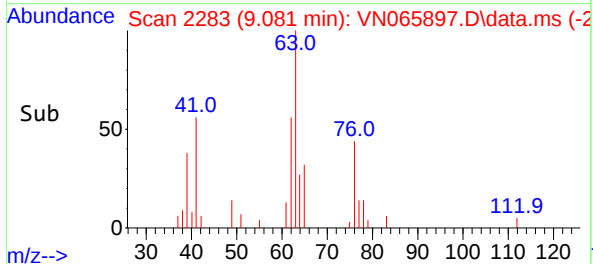
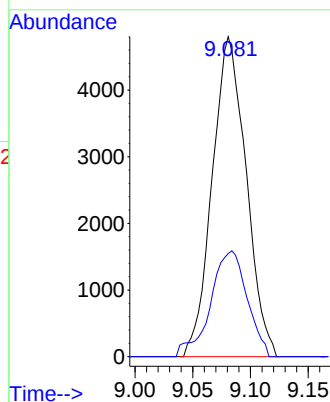
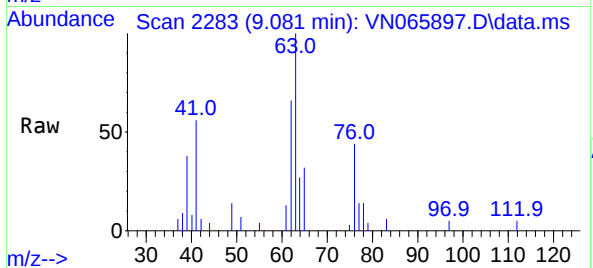


#45

1,2-Dichloropropane  
Concen: 4.79 ug/l  
RT: 9.081 min Scan# 2283  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

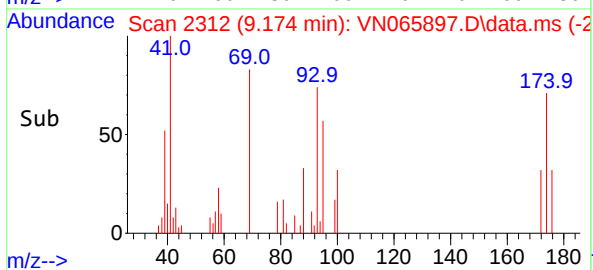
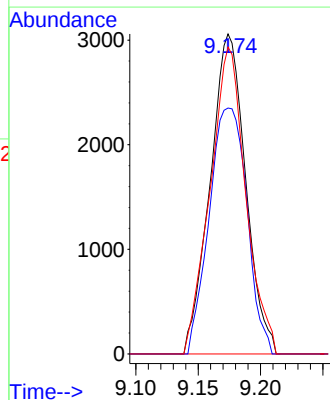
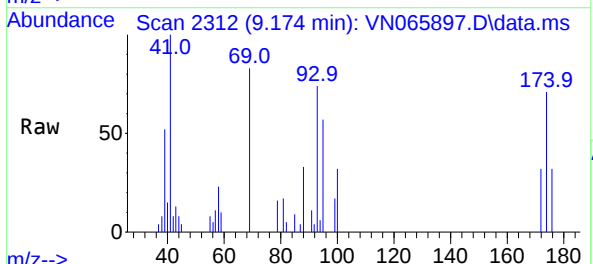
Tgt Ion: 63 Resp: 9810  
Ion Ratio Lower Upper  
63 100  
65 32.2 24.9 37.3

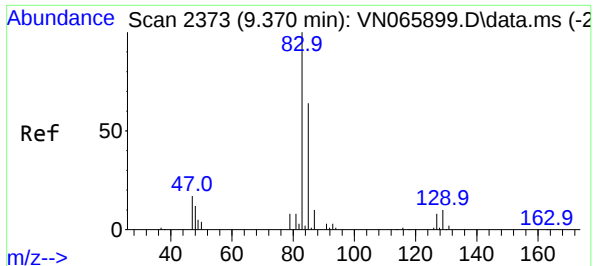


#46

Dibromomethane  
Concen: 4.92 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 93 Resp: 6047  
Ion Ratio Lower Upper  
93 100  
95 81.9 67.0 100.6  
174 96.2 83.2 124.8

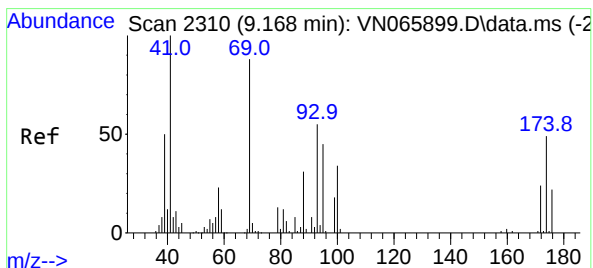
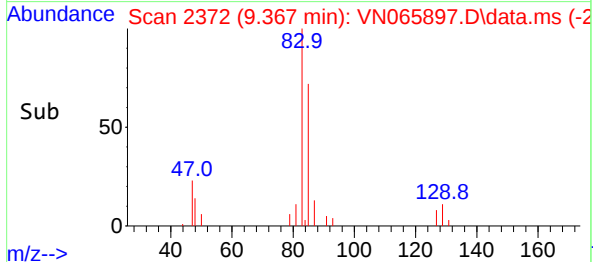
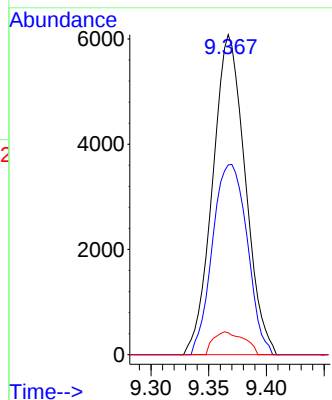
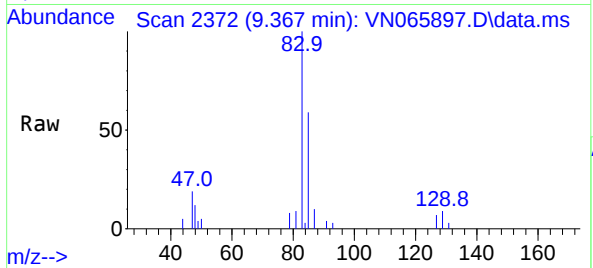




#47  
Bromodichloromethane  
Concen: 4.83 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

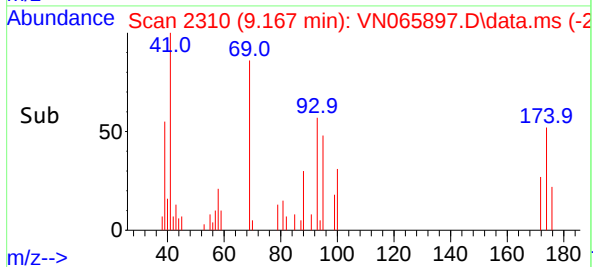
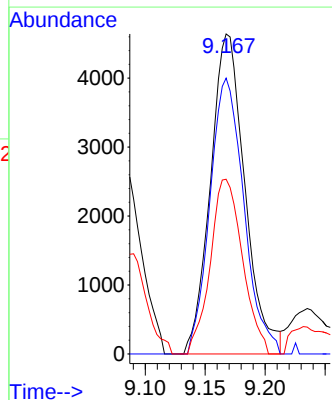
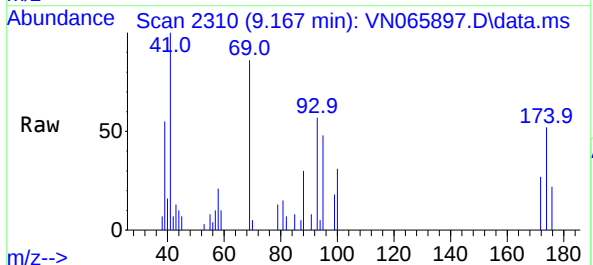
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

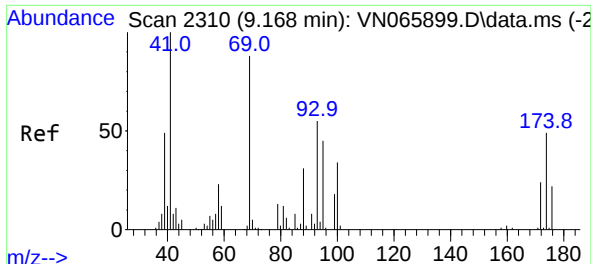
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 11917 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 59.3     | 51.0 76.4   |
| 127 6.8     | 7.0 10.6#   |



#48  
Methyl methacrylate  
Concen: 4.93 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 9259  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 85.0     | 75.9 113.9  |
| 39 51.2     | 46.6 69.8   |

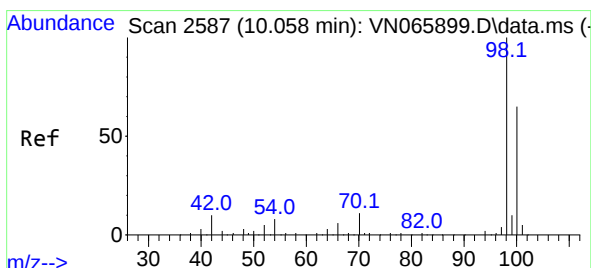
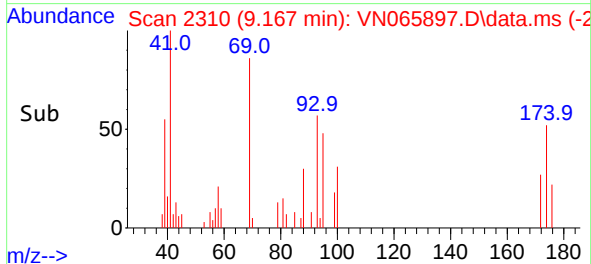
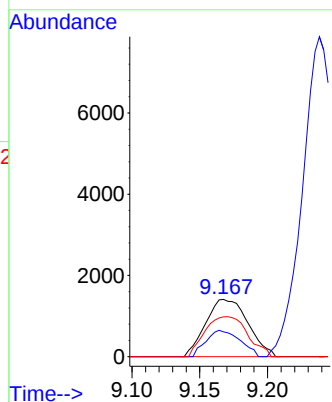
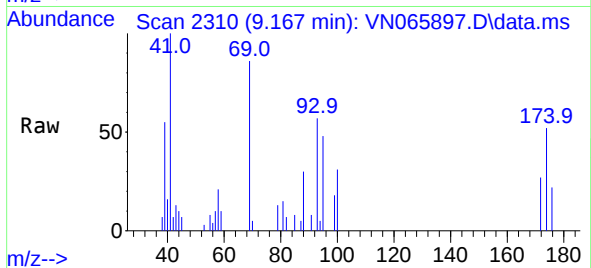




#49  
1,4-Dioxane  
Concen: 112.49 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

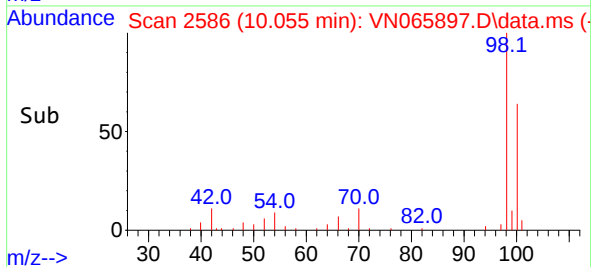
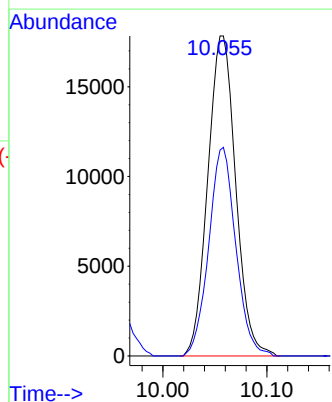
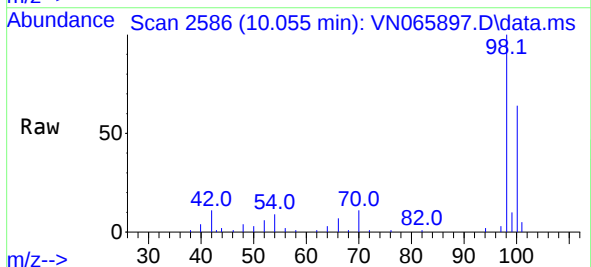
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

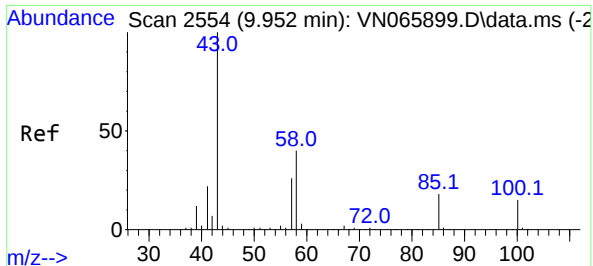
Tgt Ion: 88 Resp: 3071  
Ion Ratio Lower Upper  
88 100  
43 37.1 24.7 37.1  
58 70.1 52.6 78.8



#50  
Toluene-d8  
Concen: 4.97 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 98 Resp: 33273  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.5 75.7

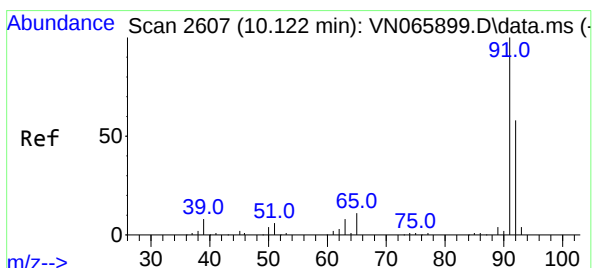
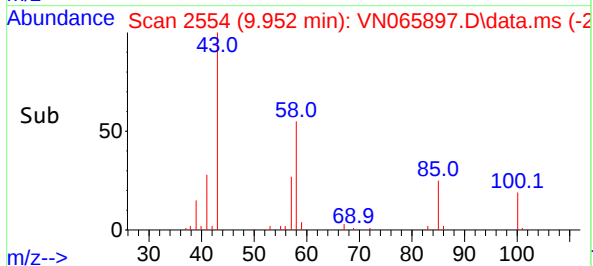
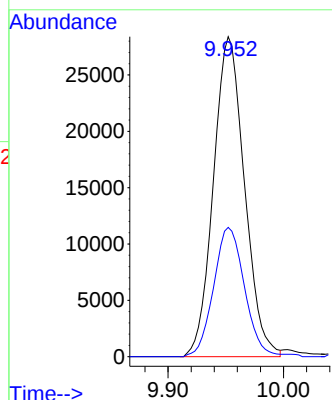
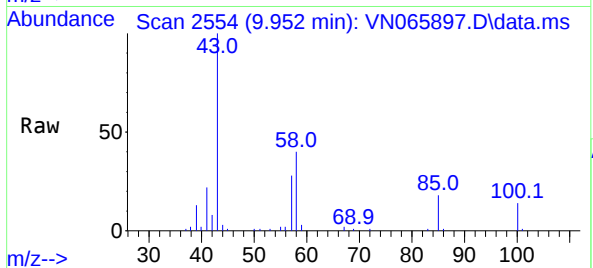




#51  
4-Methyl-2-Pentanone  
Concen: 23.88 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

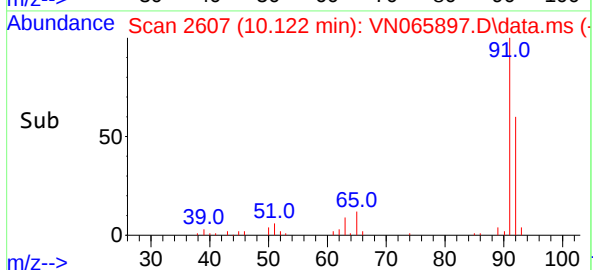
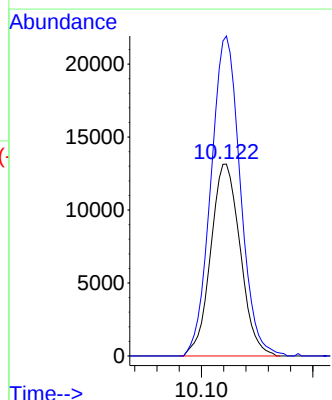
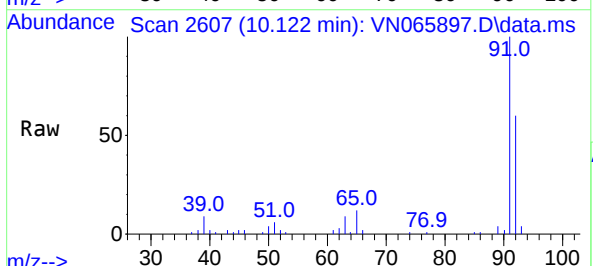
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

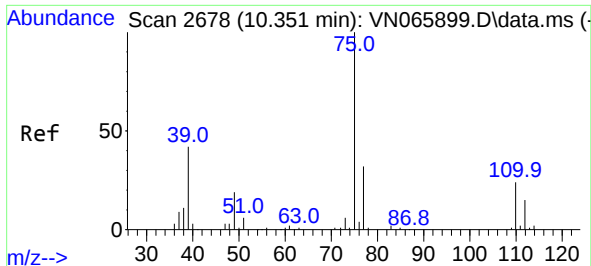
Tgt Ion: 43 Resp: 53091  
Ion Ratio Lower Upper  
43 100  
58 40.4 32.5 48.7



#52  
Toluene  
Concen: 4.94 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 92 Resp: 24217  
Ion Ratio Lower Upper  
92 100  
91 166.1 140.7 211.1

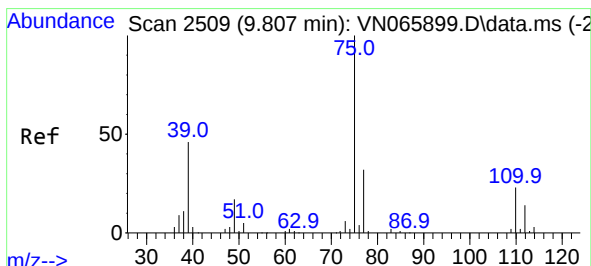
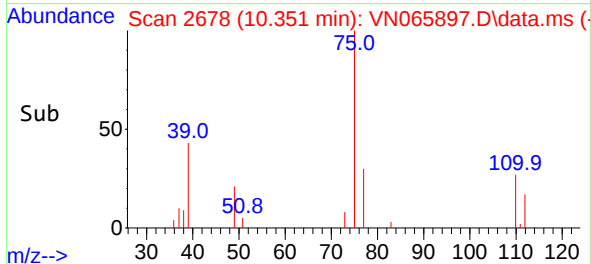
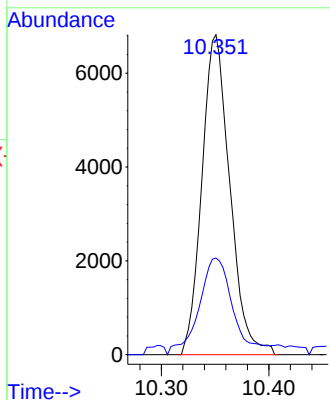
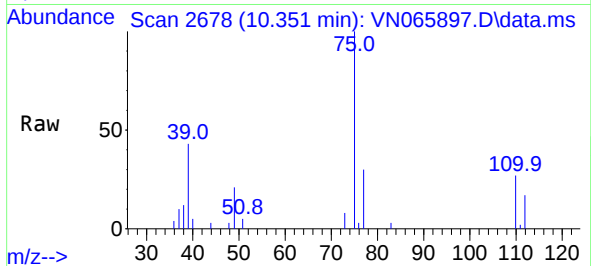




#53  
t-1,3-Dichloropropene  
Concen: 4.82 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

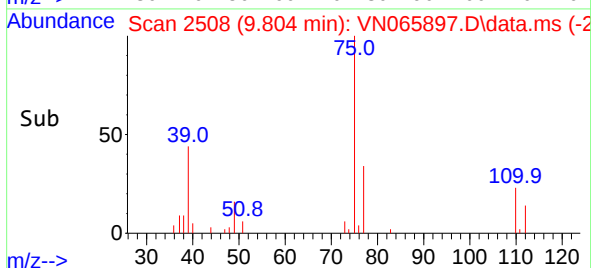
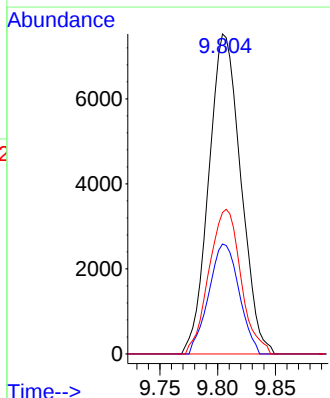
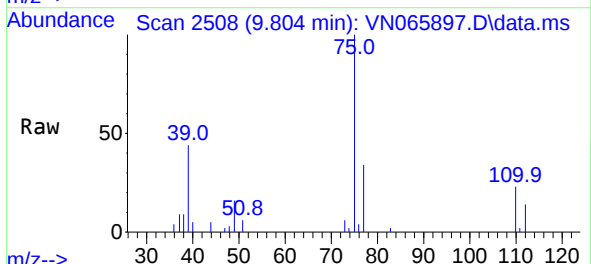
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

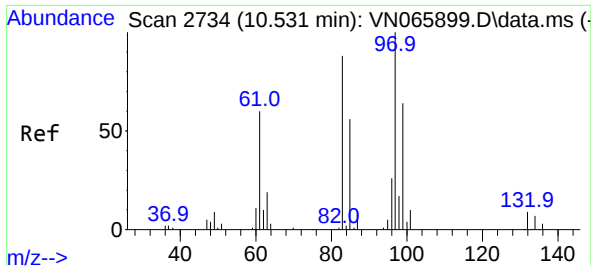
Tgt Ion: 75 Resp: 12319  
Ion Ratio Lower Upper  
75 100  
77 27.1 26.2 39.4



#54  
cis-1,3-Dichloropropene  
Concen: 4.87 ug/l  
RT: 9.804 min Scan# 2508  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 75 Resp: 14512  
Ion Ratio Lower Upper  
75 100  
77 34.4 24.9 37.3  
39 44.2 36.2 54.4

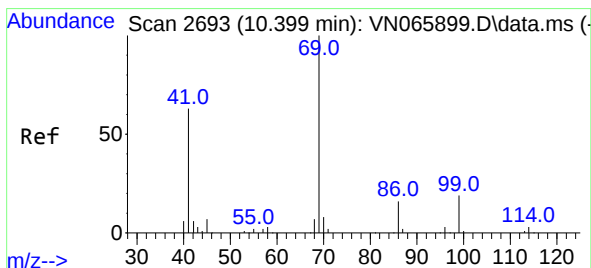
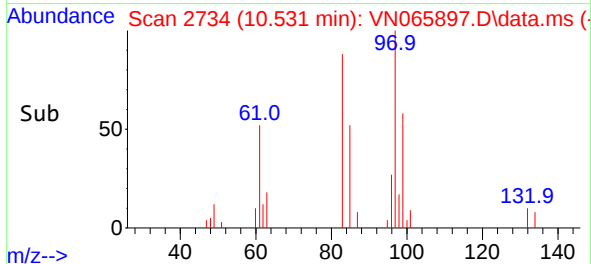
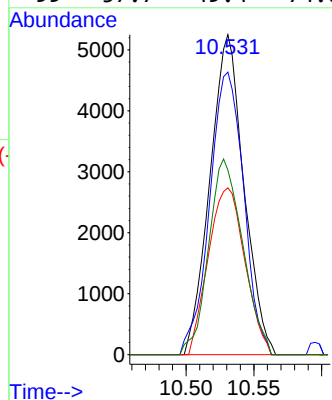
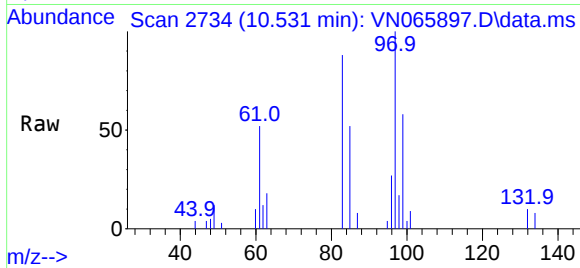




#55  
1,1,2-Trichloroethane  
Concen: 5.07 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 97 Resp: 9132

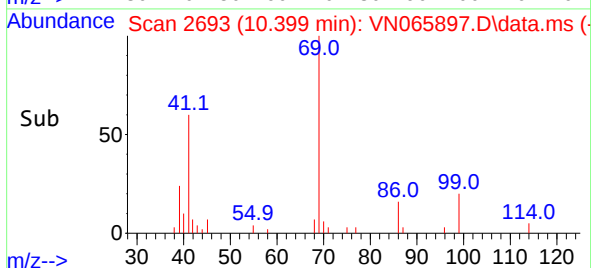
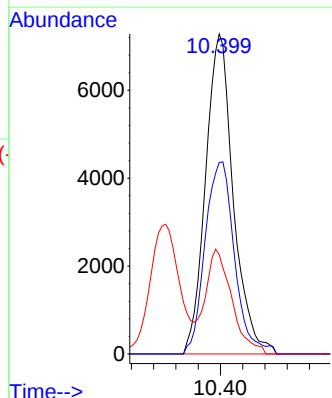
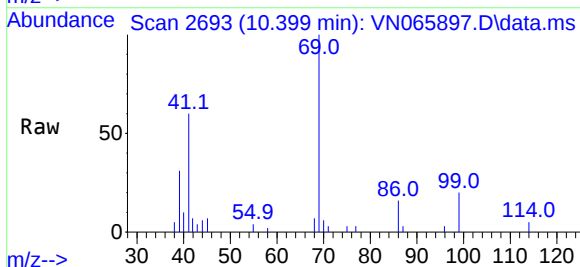
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.3  | 67.7  | 101.5 |
| 85  | 52.2  | 44.5  | 66.7  |
| 99  | 57.7  | 49.4  | 74.0  |

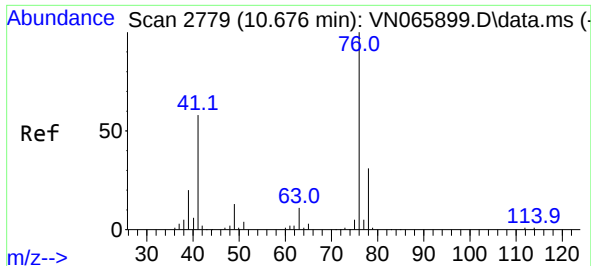


#56  
Ethyl methacrylate  
Concen: 4.91 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 69 Resp: 12605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.6  | 49.6  | 74.4  |
| 39  | 31.4  | 28.0  | 42.0  |

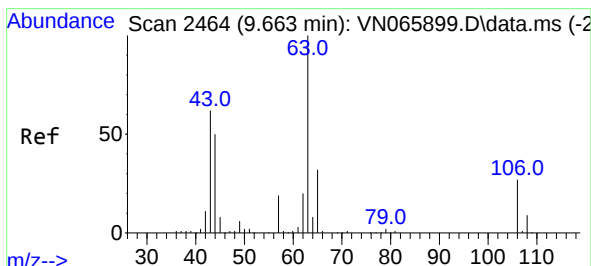
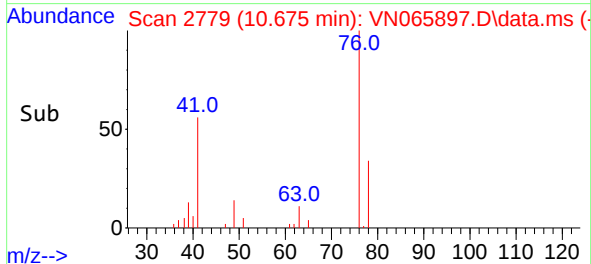
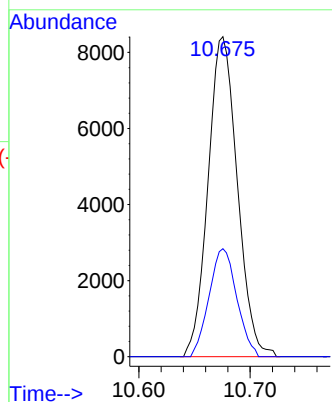
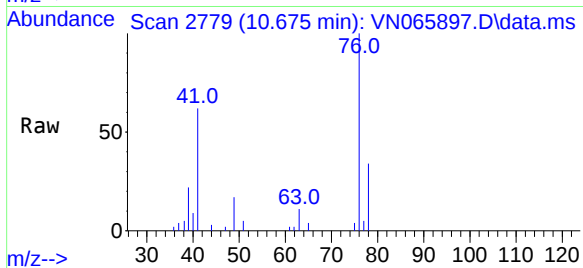




#57  
1,3-Dichloropropane  
Concen: 4.83 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

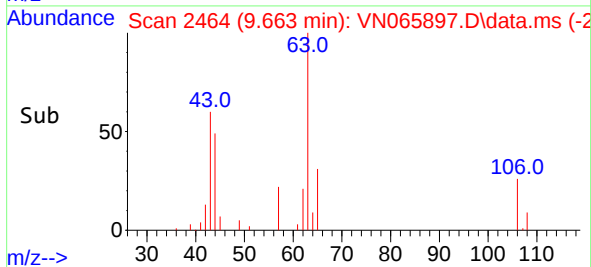
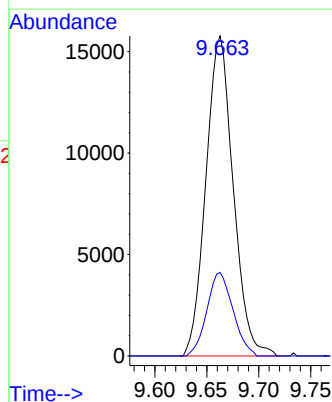
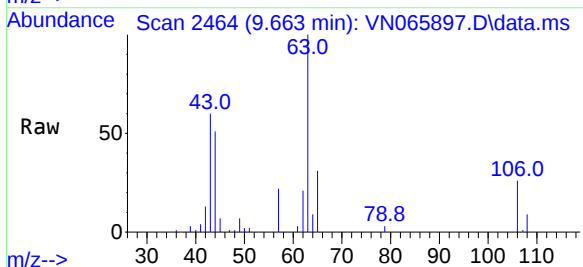
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

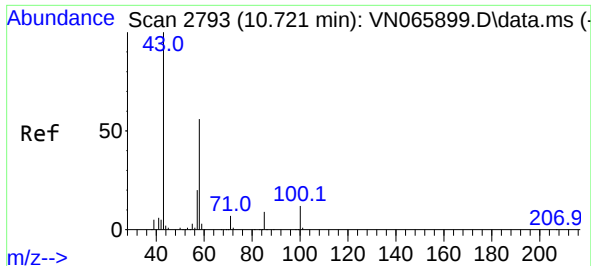
Tgt Ion: 76 Resp: 15358  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 23.43 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 63 Resp: 28843  
Ion Ratio Lower Upper  
63 100  
106 24.9 22.6 33.8

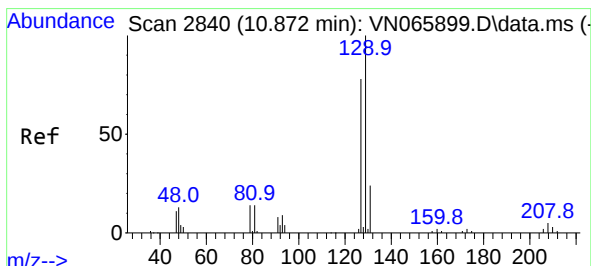
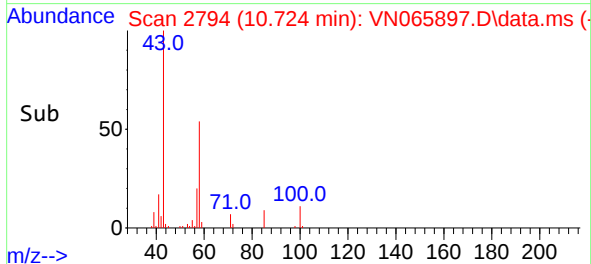
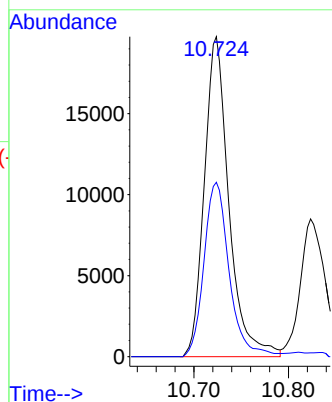
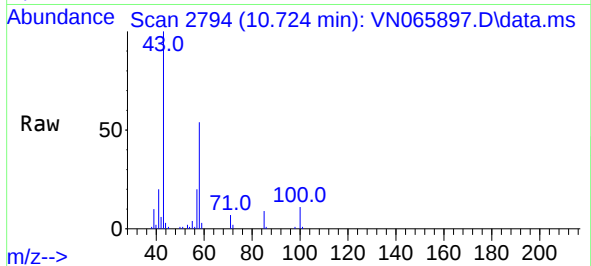




#59  
2-Hexanone  
Concen: 23.33 ug/l  
RT: 10.724 min Scan# 2794  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

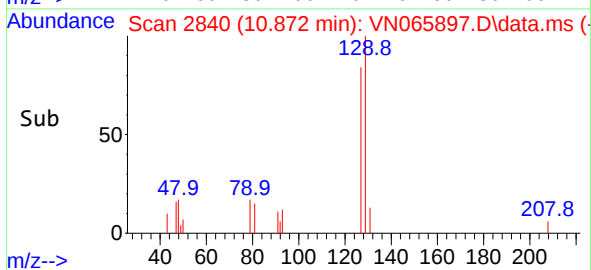
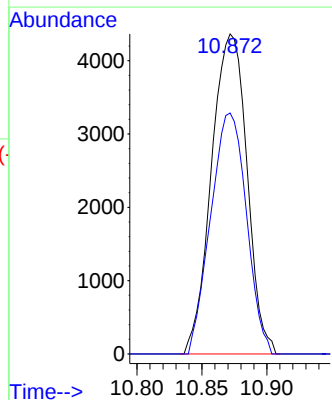
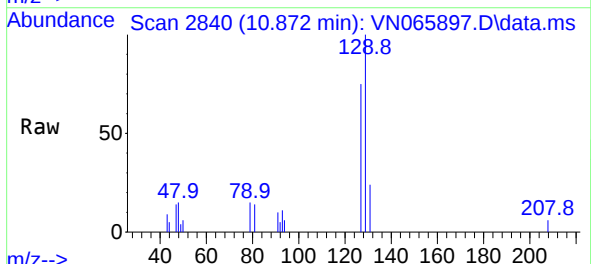
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

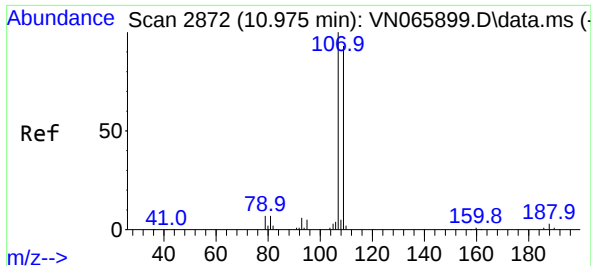
Tgt Ion: 43 Resp: 35563  
Ion Ratio Lower Upper  
43 100  
58 56.0 28.1 84.3



#60  
Dibromochloromethane  
Concen: 4.73 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 129 Resp: 8305  
Ion Ratio Lower Upper  
129 100  
127 75.6 38.5 115.5

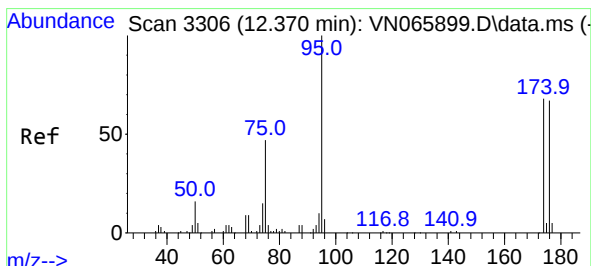
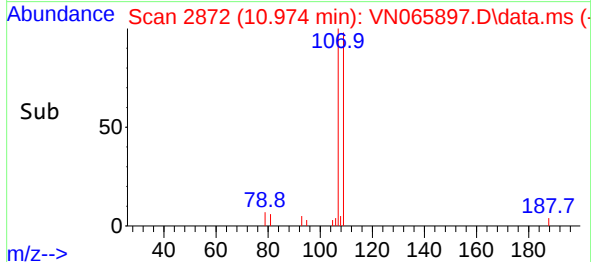
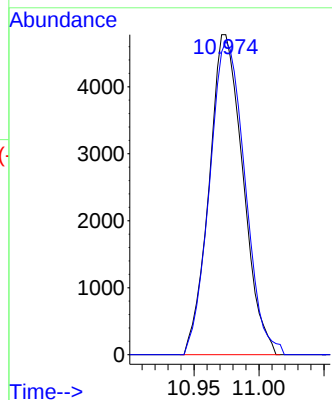
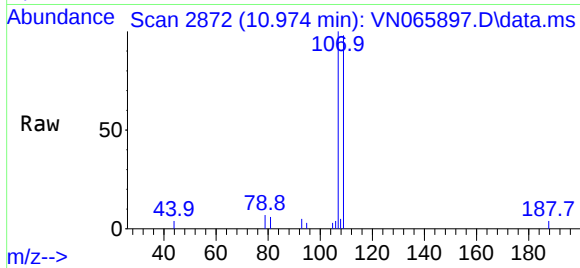




#61  
1,2-Dibromoethane  
Concen: 4.84 ug/l  
RT: 10.974 min Scan# 2872  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

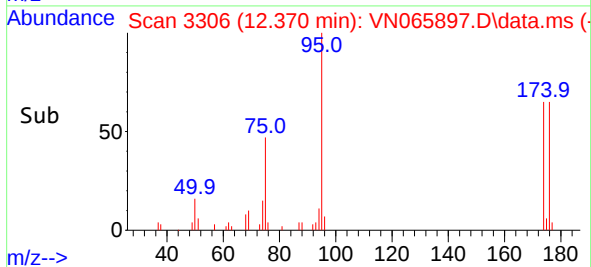
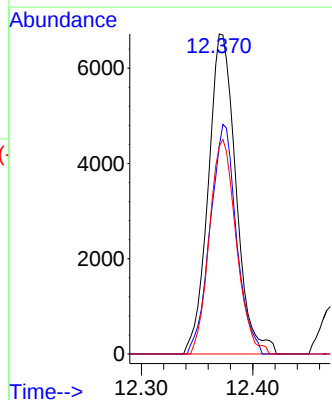
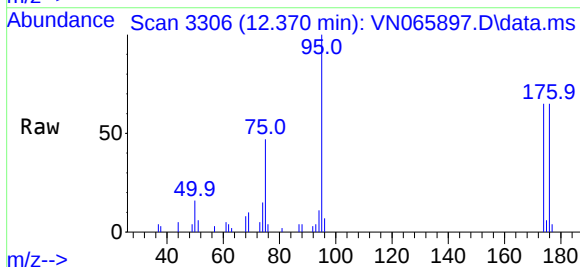
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

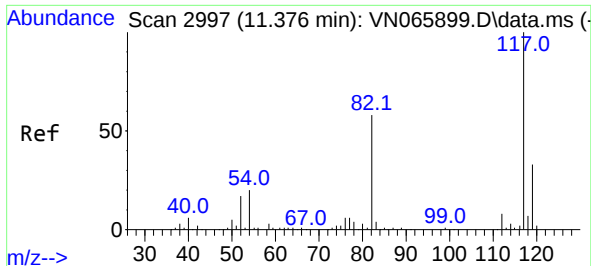
Tgt Ion:107 Resp: 8664  
Ion Ratio Lower Upper  
107 100  
109 102.0 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 4.79 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 95 Resp: 11591  
Ion Ratio Lower Upper  
95 100  
174 68.1 0.0 169.0  
176 64.8 0.0 162.4

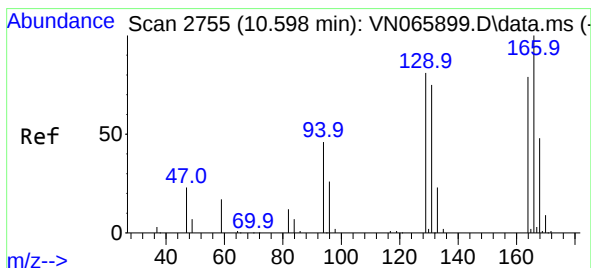
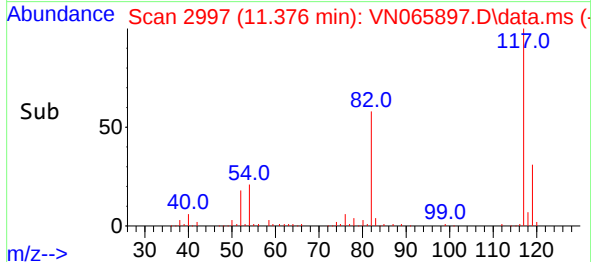
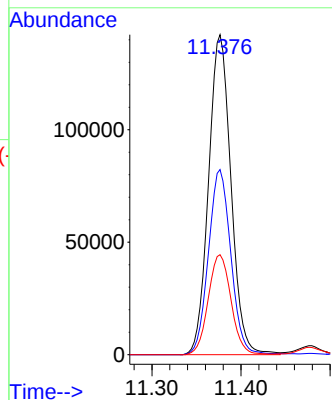
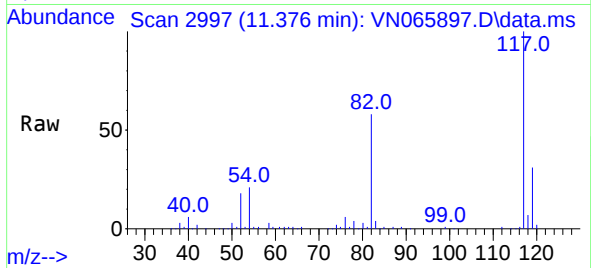




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

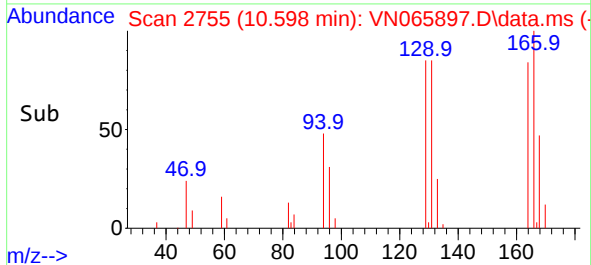
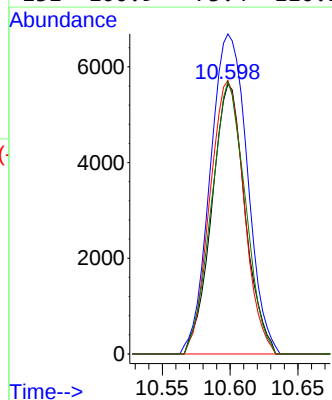
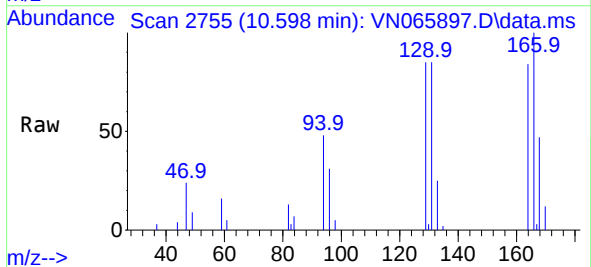
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

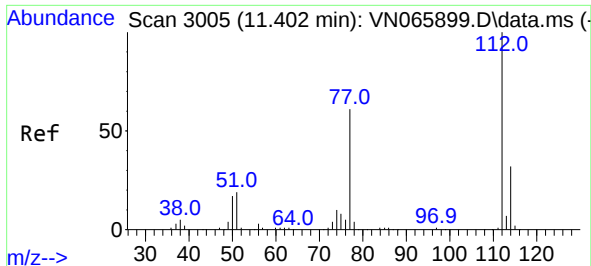
Tgt Ion:117 Resp: 248598  
Ion Ratio Lower Upper  
117 100  
82 57.9 43.7 65.5  
119 31.2 26.1 39.1



#64  
Tetrachloroethene  
Concen: 4.89 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:164 Resp: 9638  
Ion Ratio Lower Upper  
164 100  
166 118.6 102.6 154.0  
129 101.4 76.2 114.4  
131 100.9 73.4 110.2

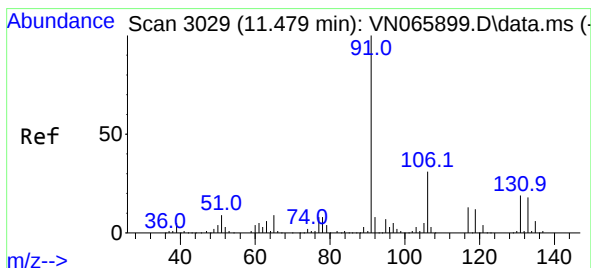
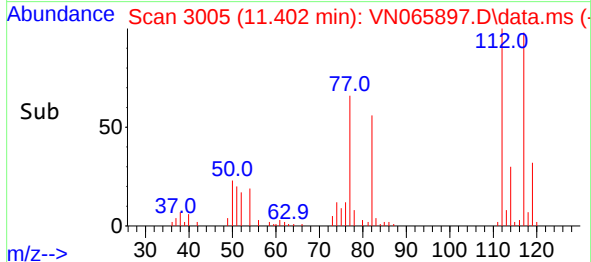
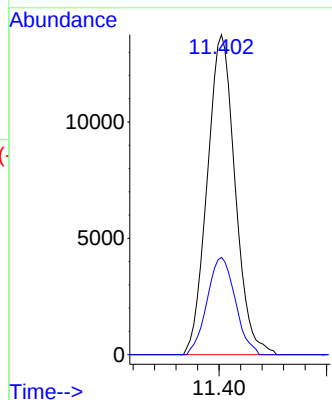
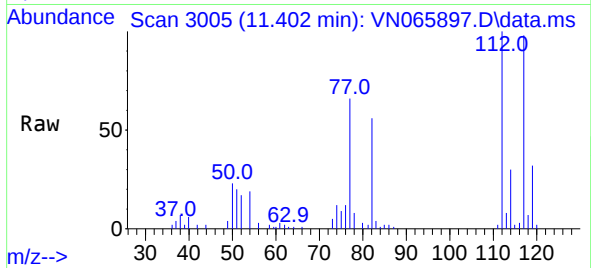




#65  
Chlorobenzene  
Concen: 4.87 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

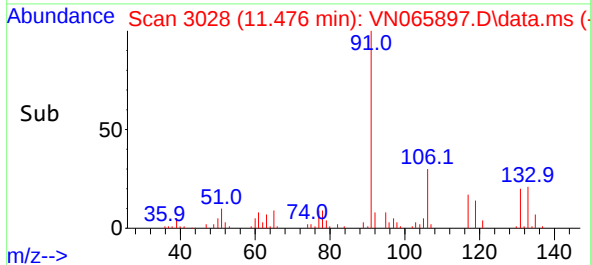
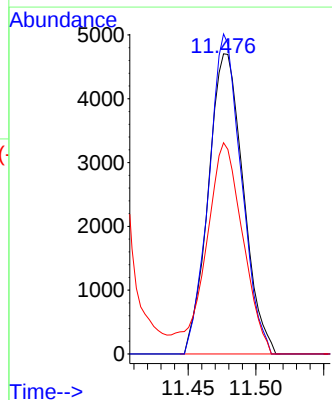
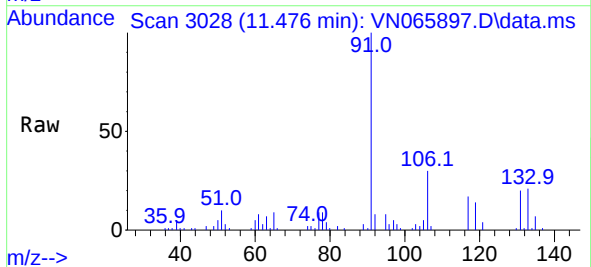
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

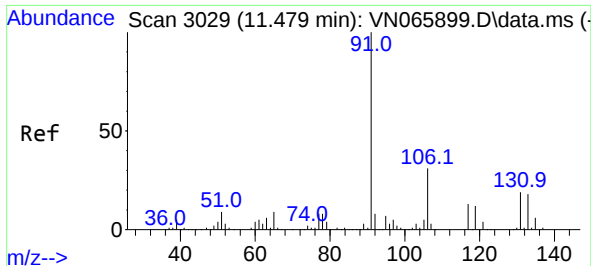
Tgt Ion:112 Resp: 24736  
Ion Ratio Lower Upper  
112 100  
114 30.4 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.96 ug/l  
RT: 11.476 min Scan# 3028  
Delta R.T. -0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:131 Resp: 8431  
Ion Ratio Lower Upper  
131 100  
133 99.1 48.0 144.0  
119 72.4 34.1 102.2

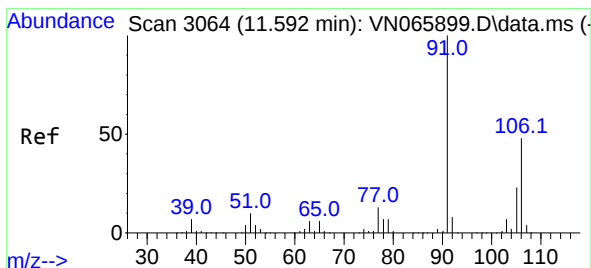
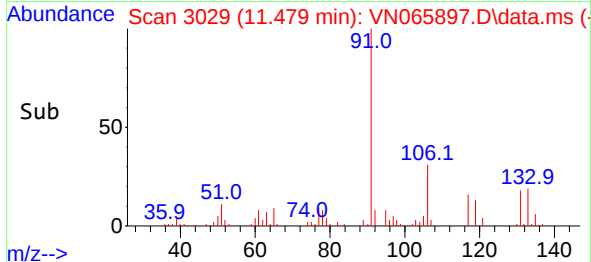
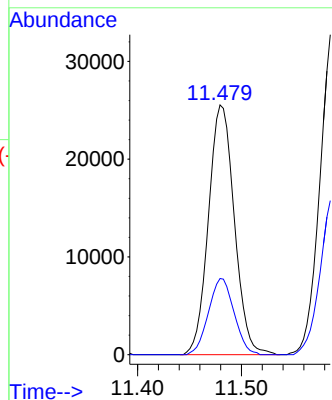
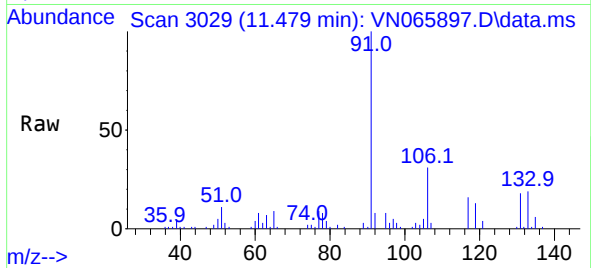




#67  
Ethyl Benzene  
Concen: 4.83 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

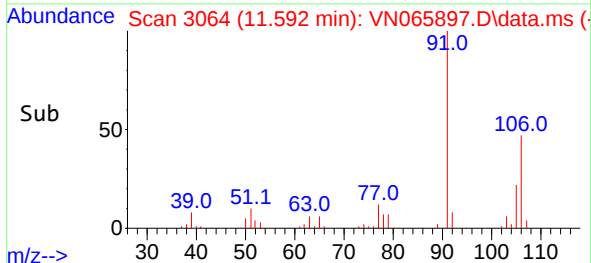
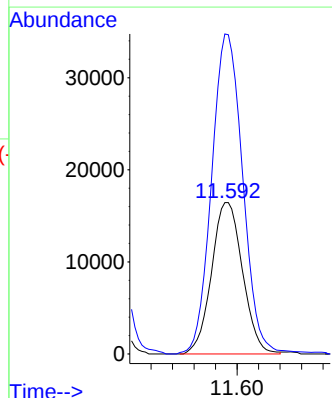
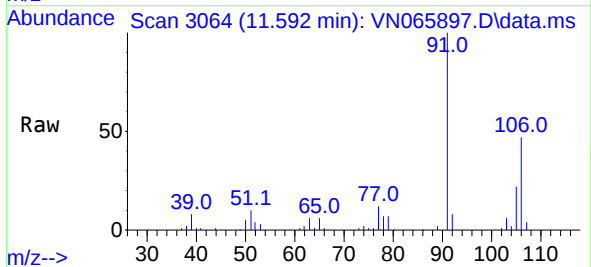
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

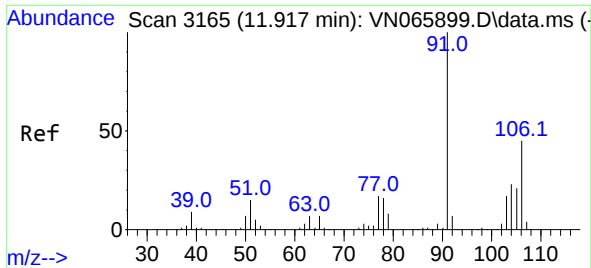
Tgt Ion: 91 Resp: 44197  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.5 38.3



#68  
m/p-Xylenes  
Concen: 9.76 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 106 Resp: 32903  
Ion Ratio Lower Upper  
106 100  
91 212.4 161.4 242.0

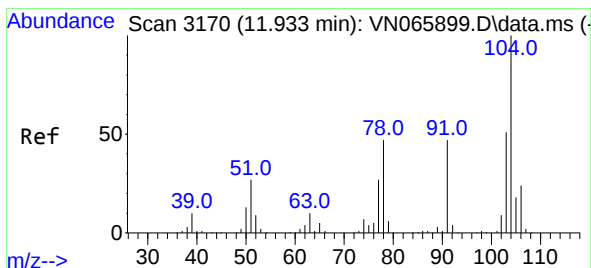
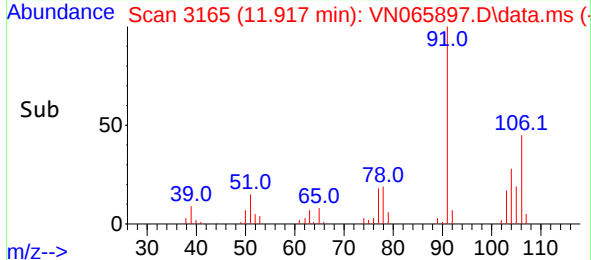
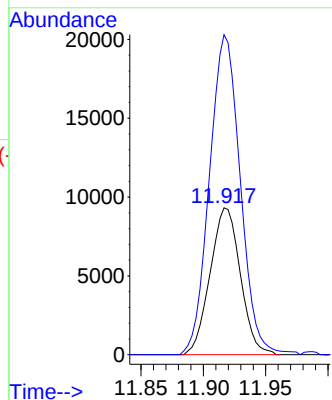
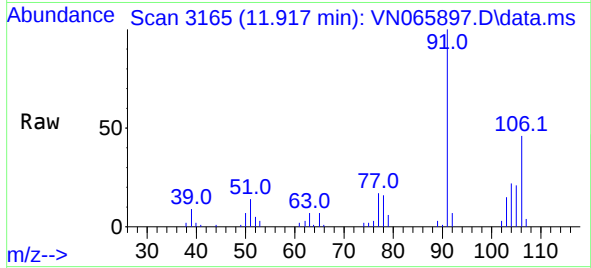




#69  
o-Xylene  
Concen: 4.84 ug/l  
RT: 11.917 min Scan# 3165  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

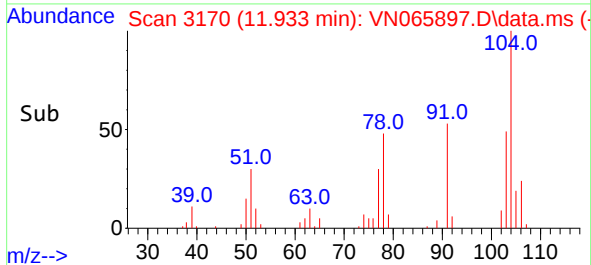
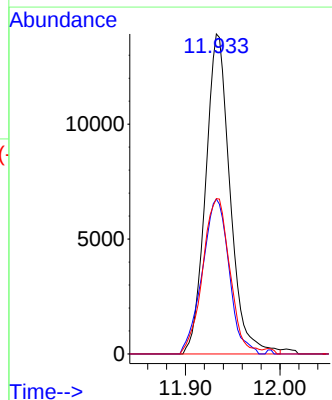
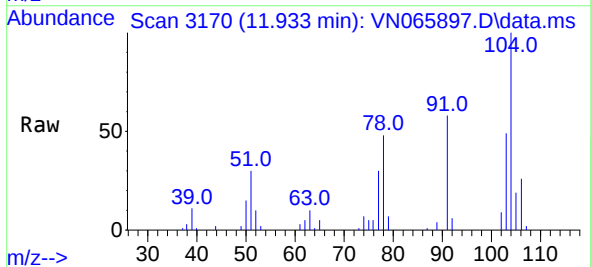
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

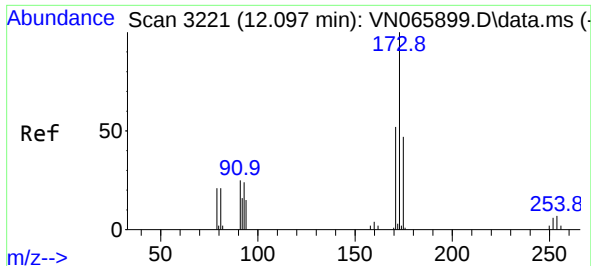
Tgt Ion:106 Resp: 15744  
Ion Ratio Lower Upper  
106 100  
91 222.3 106.8 320.4



#70  
Styrene  
Concen: 4.89 ug/l  
RT: 11.933 min Scan# 3170  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

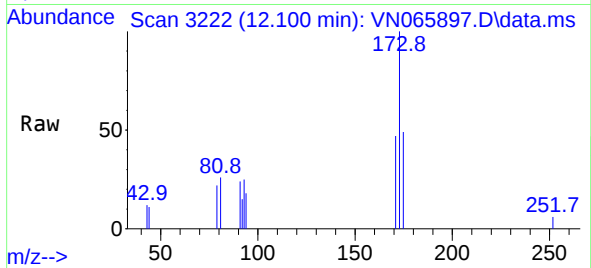
Tgt Ion:104 Resp: 25079  
Ion Ratio Lower Upper  
104 100  
78 53.0 39.0 58.4  
103 53.9 44.5 66.7



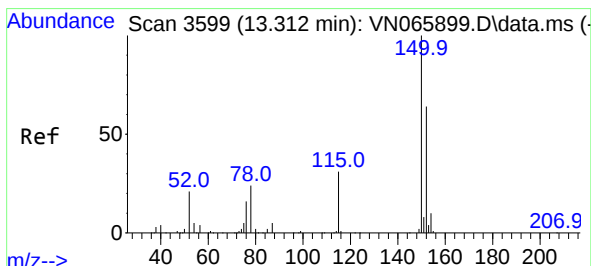
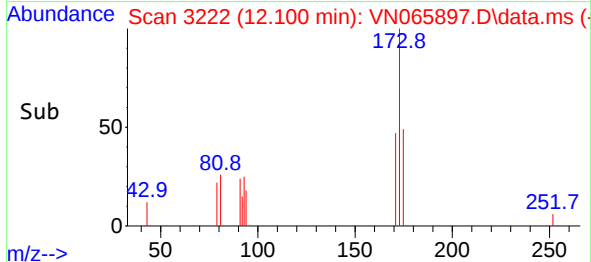
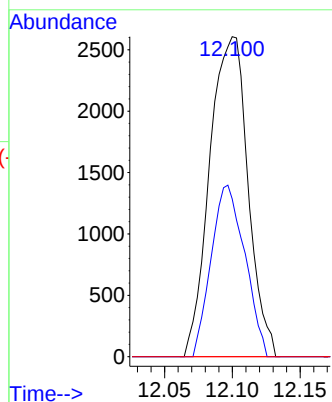


#71  
Bromoform  
Concen: 4.75 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

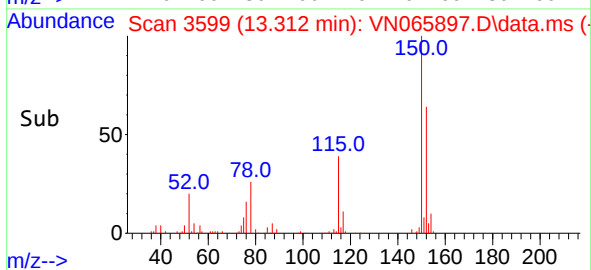
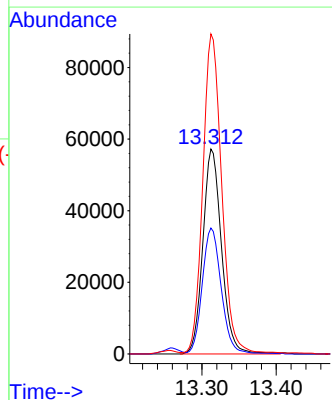
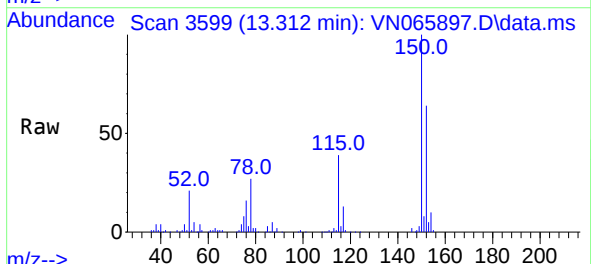


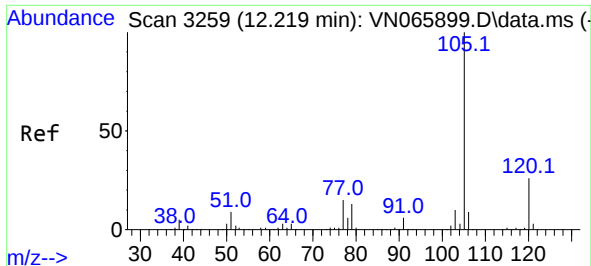
Tgt Ion:173 Resp: 5119  
Ion Ratio Lower Upper  
173 100  
175 47.0 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.312 min Scan# 3599  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:152 Resp: 99898  
Ion Ratio Lower Upper  
152 100  
115 61.8 28.5 85.6  
150 156.7 0.0 347.6

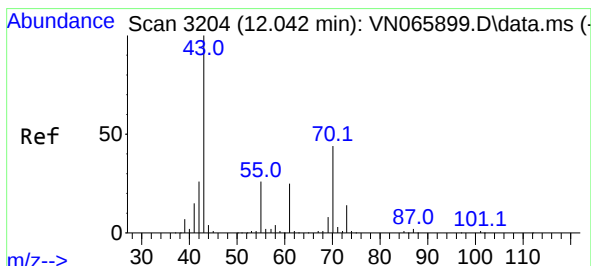
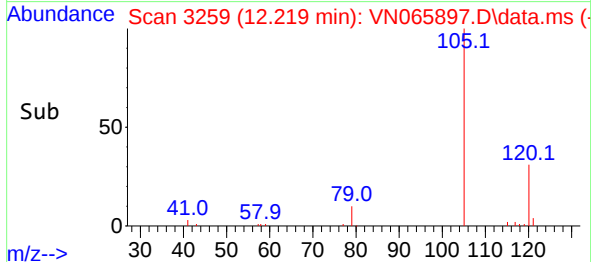
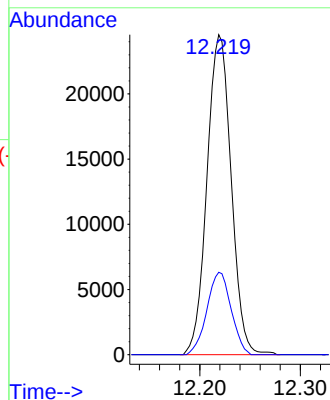
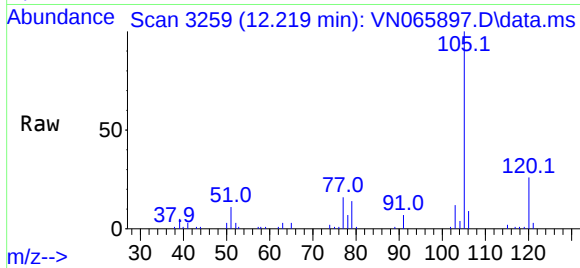




#73  
Isopropylbenzene  
Concen: 4.86 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

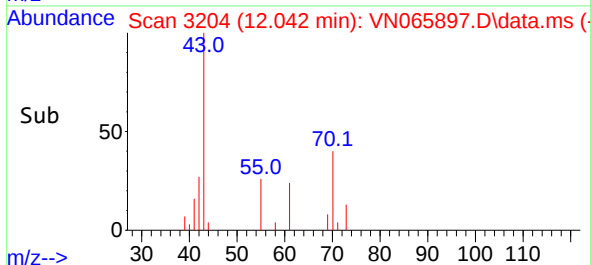
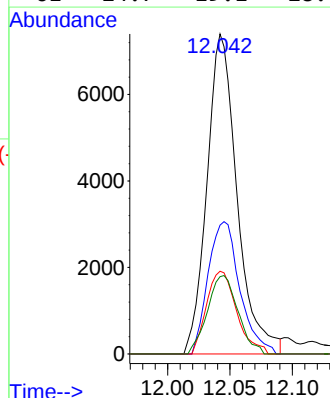
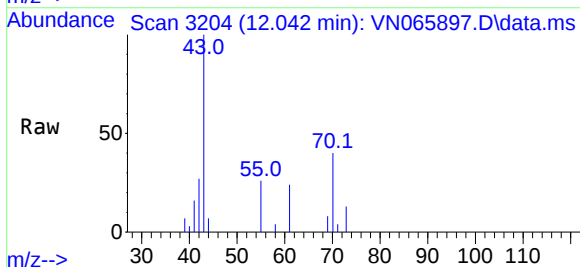
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

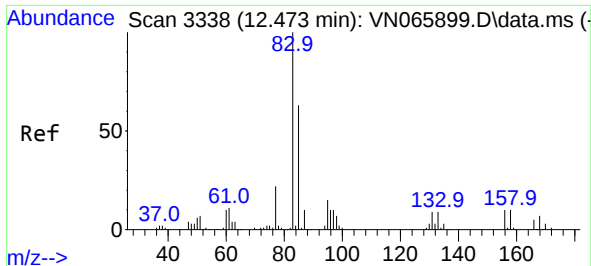
Tgt Ion:105 Resp: 40966  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.3 39.9



#74  
N-ethyl acetate  
Concen: 4.84 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 43 Resp: 12457  
Ion Ratio Lower Upper  
43 100  
70 43.4 34.4 51.6  
55 25.8 20.7 31.1  
61 24.7 19.1 28.7

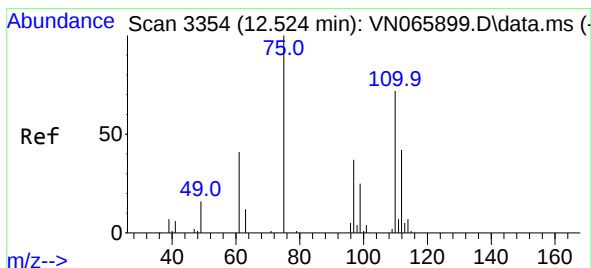
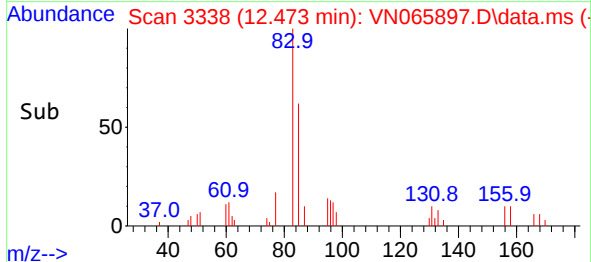
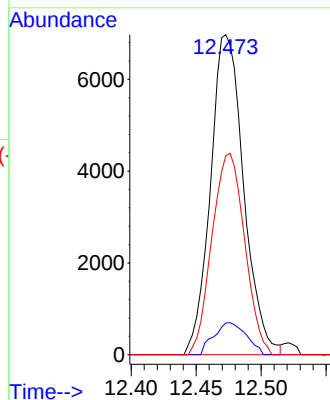
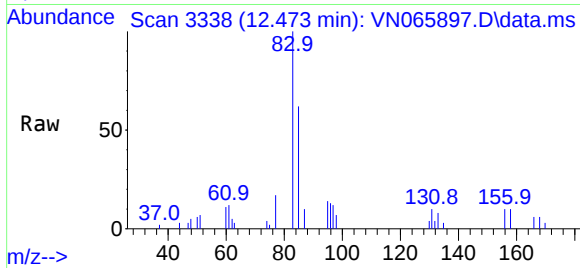




#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.99 ug/l  
RT: 12.473 min Scan# 3338  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

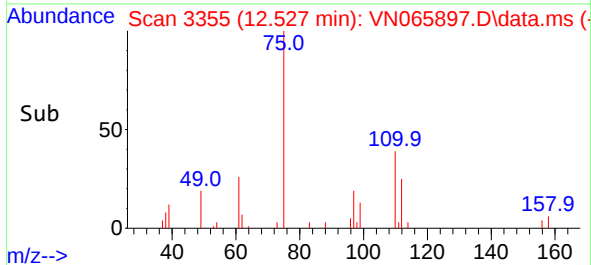
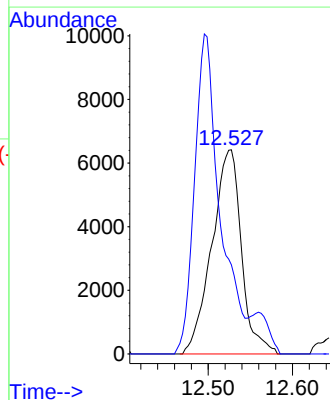
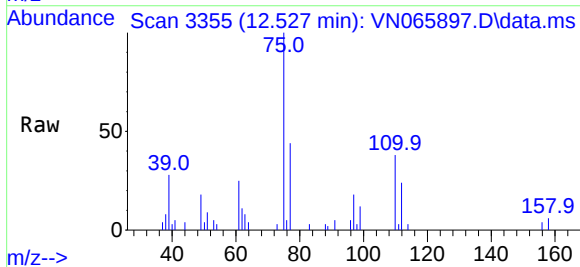
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

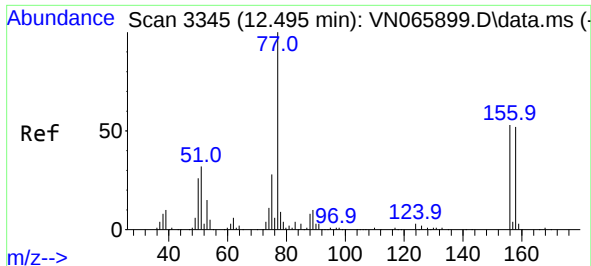
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 12400 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.8   | 5.3   | 15.8  |
| 85       | 61.8  | 32.0  | 96.0  |



#76  
1,2,3-Trichloropropane  
Concen: 5.27 ug/l  
RT: 12.527 min Scan# 3355  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15665 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |

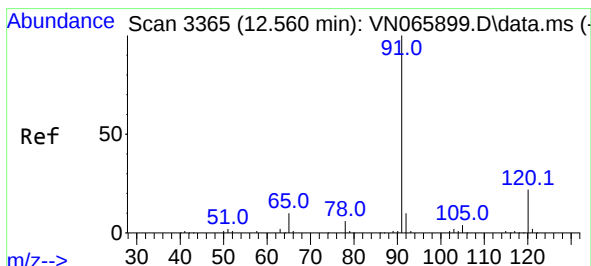
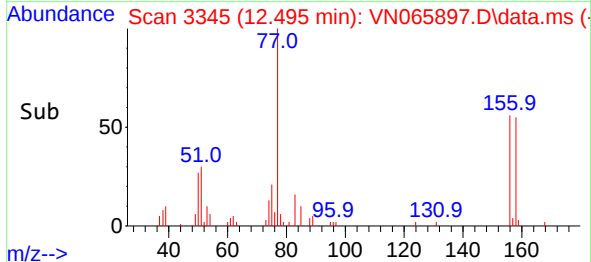
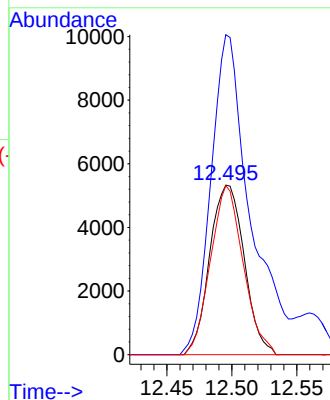
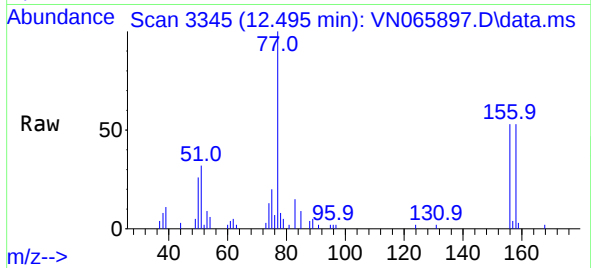




#77  
Bromobenzene  
Concen: 5.24 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

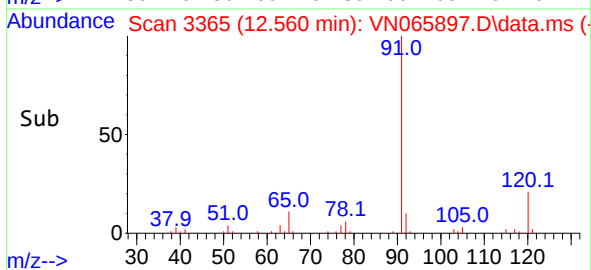
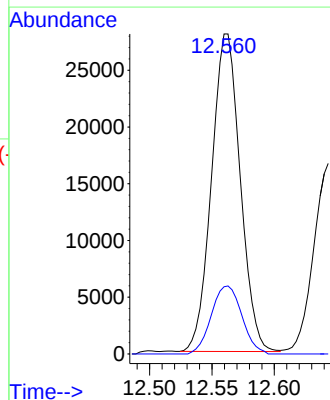
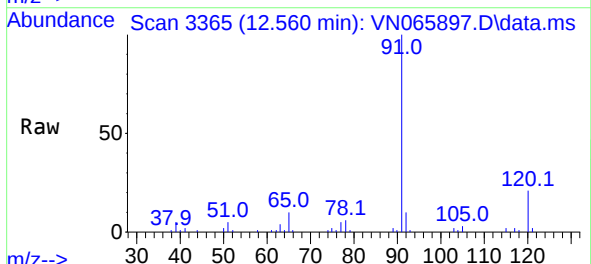
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

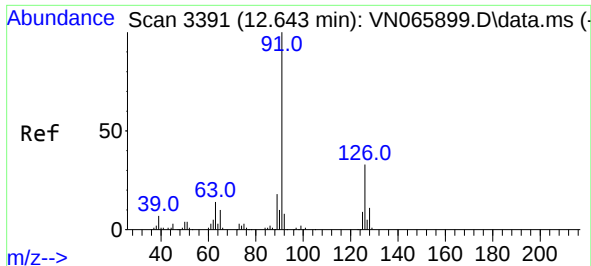
Tgt Ion:156 Resp: 9850  
Ion Ratio Lower Upper  
156 100  
77 214.8 96.3 288.8  
158 94.4 49.0 147.0



#78  
n-propylbenzene  
Concen: 4.77 ug/l  
RT: 12.560 min Scan# 3365  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 91 Resp: 44861  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.8 35.3

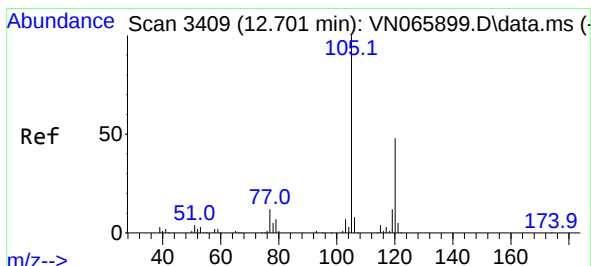
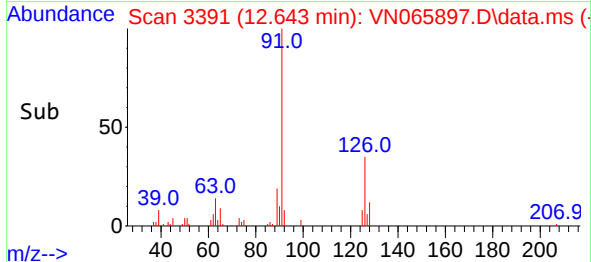
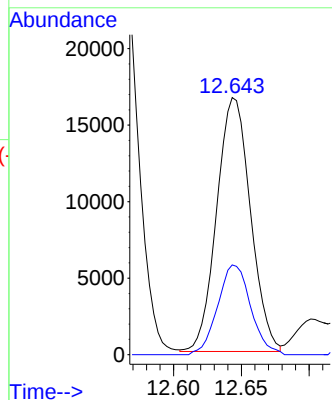
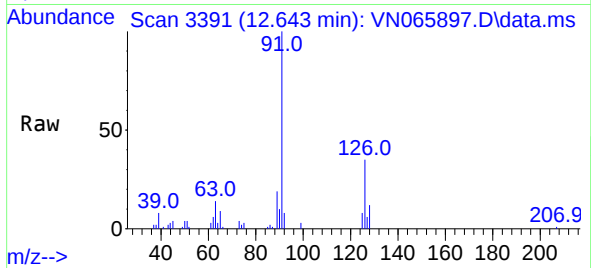




#79  
2-Chlorotoluene  
Concen: 4.78 ug/l  
RT: 12.643 min Scan# 3391  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

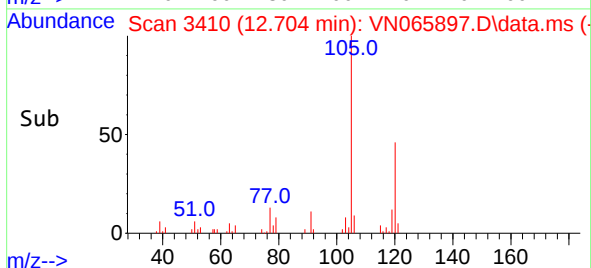
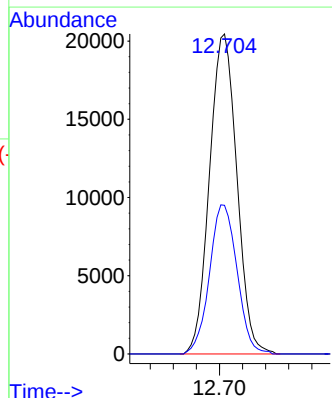
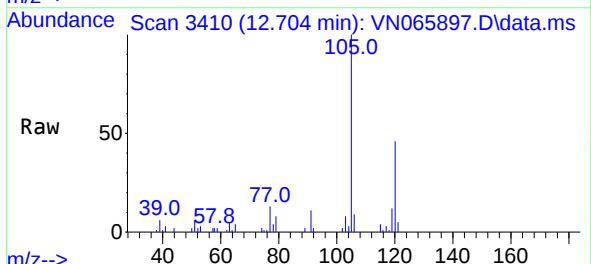
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

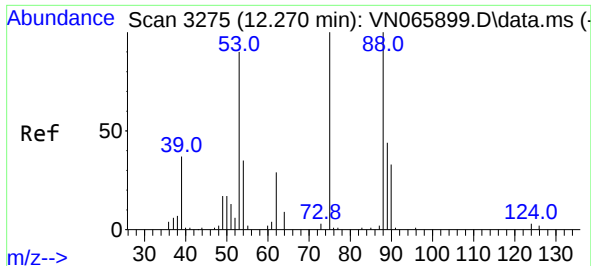
Tgt Ion: 91 Resp: 28791  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 4.80 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 105 Resp: 33636  
Ion Ratio Lower Upper  
105 100  
120 46.9 24.3 72.8

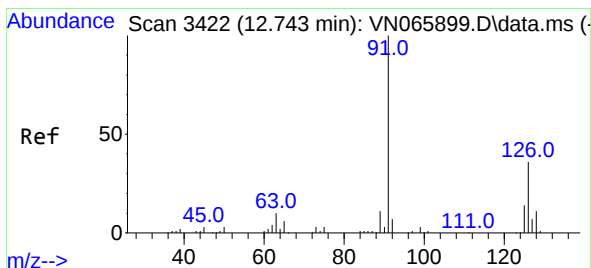
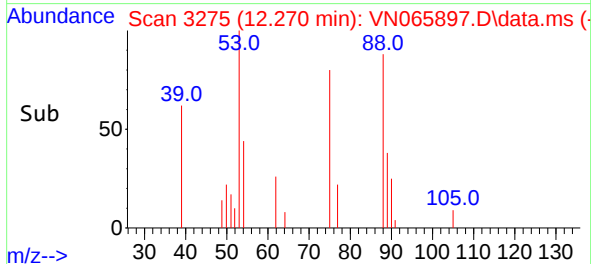
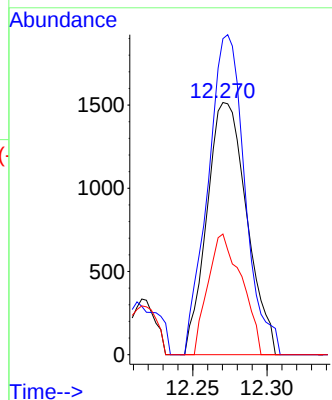
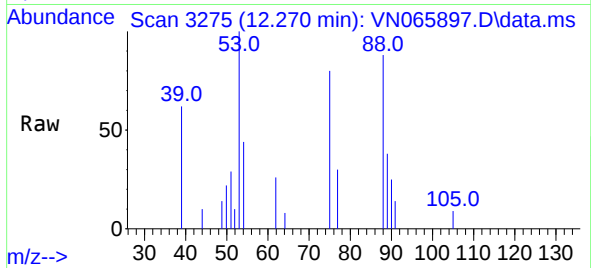




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.90 ug/l  
RT: 12.270 min Scan# 3275  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

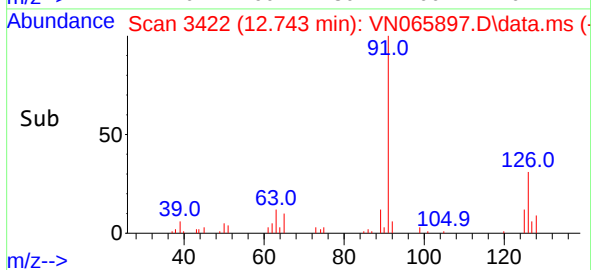
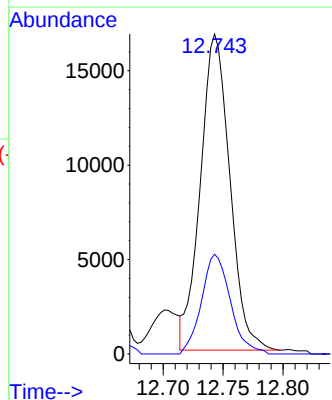
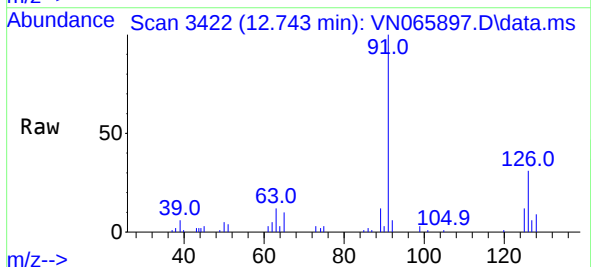
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

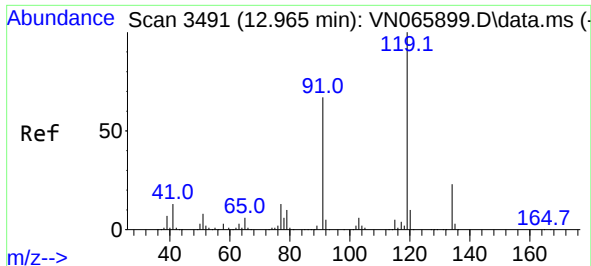
Tgt Ion: 75 Resp: 2834  
Ion Ratio Lower Upper  
75 100  
53 117.7 74.6 111.8#  
89 40.4 35.8 53.8



#82  
4-Chlorotoluene  
Concen: 4.84 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion: 91 Resp: 28593  
Ion Ratio Lower Upper  
91 100  
126 31.0 17.2 51.6

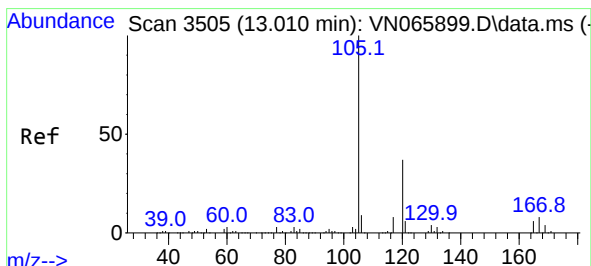
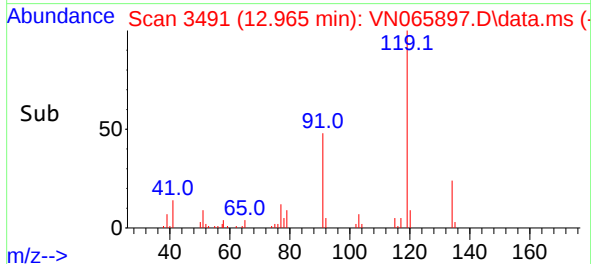
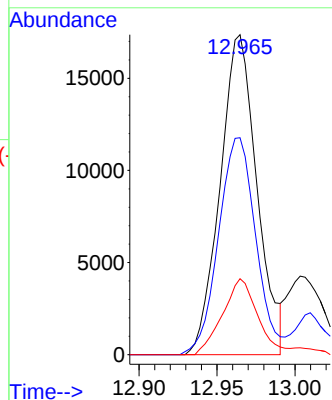
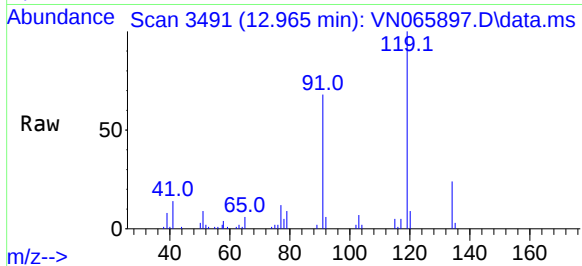




#83  
tert-Butylbenzene  
Concen: 4.92 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

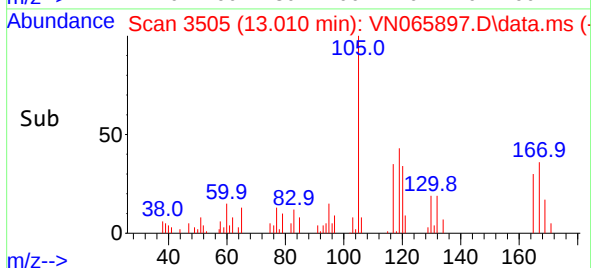
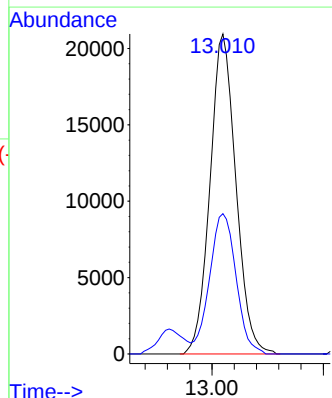
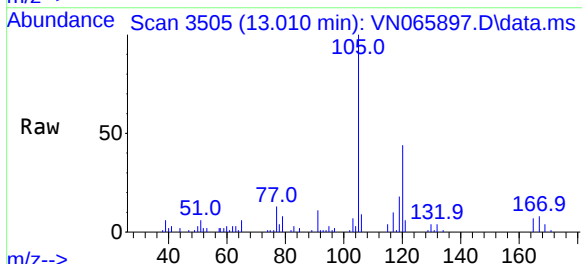
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

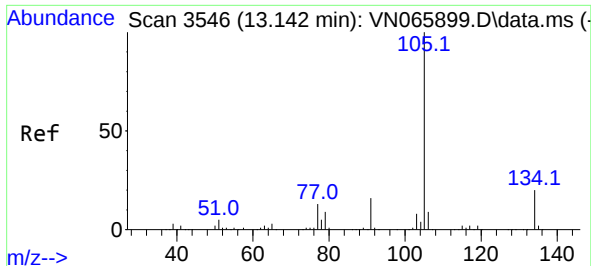
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 28548 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 68.8  | 33.0  | 98.9  |
| 134      | 22.7  | 12.7  | 38.1  |



#84  
1,2,4-Trimethylbenzene  
Concen: 4.84 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 33788 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 44.9  | 22.4  | 67.0  |

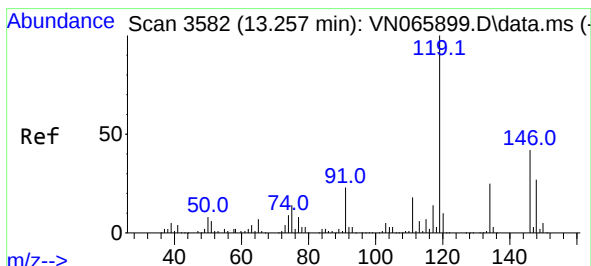
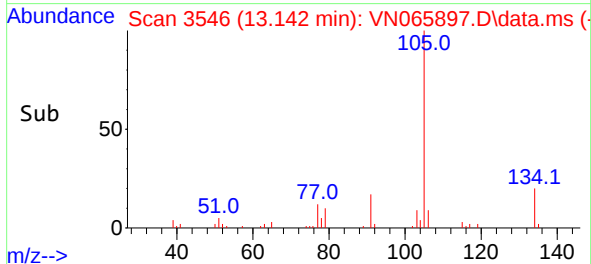
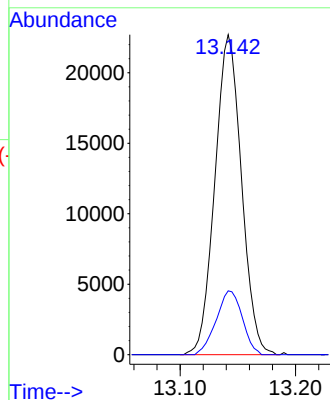
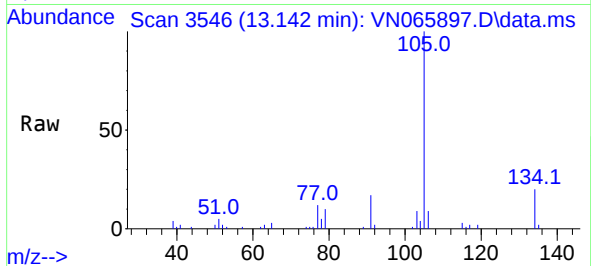




#85  
sec-Butylbenzene  
Concen: 4.86 ug/l  
RT: 13.142 min Scan# 3546  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

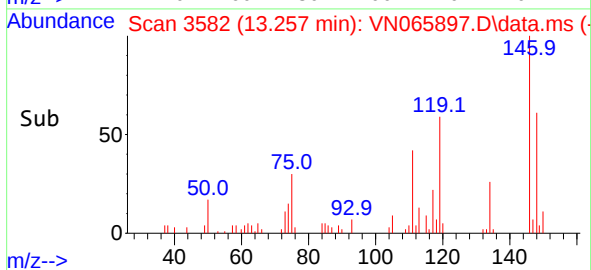
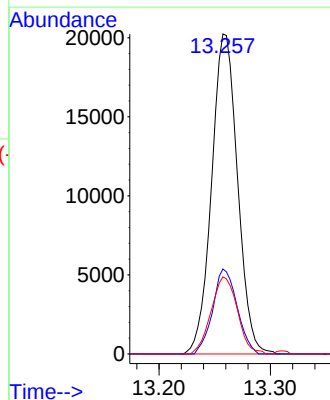
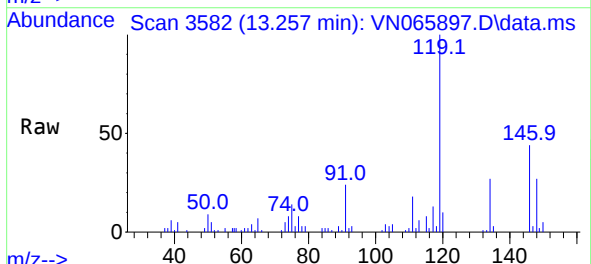
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

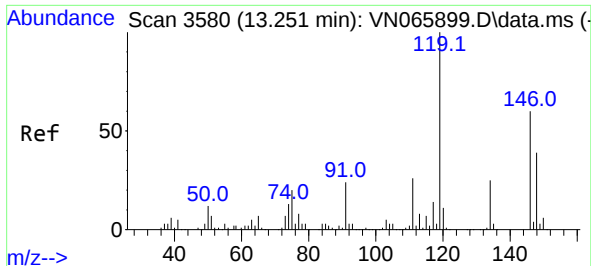
Tgt Ion:105 Resp: 36218  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.0 30.0



#86  
p-Isopropyltoluene  
Concen: 4.87 ug/l  
RT: 13.257 min Scan# 3582  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:119 Resp: 32716  
Ion Ratio Lower Upper  
119 100  
134 25.0 13.3 39.8  
91 24.4 11.8 35.3

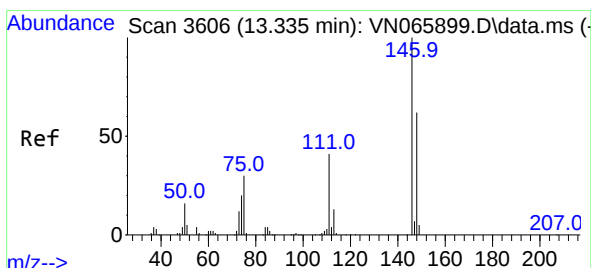
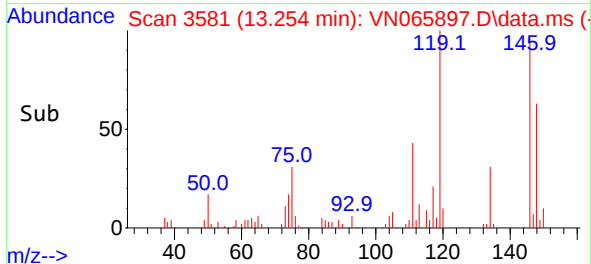
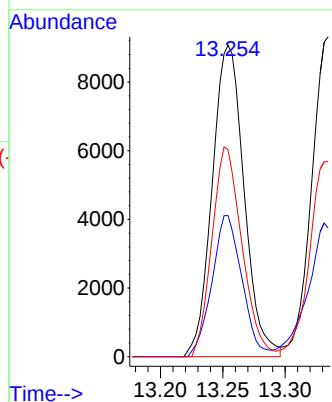
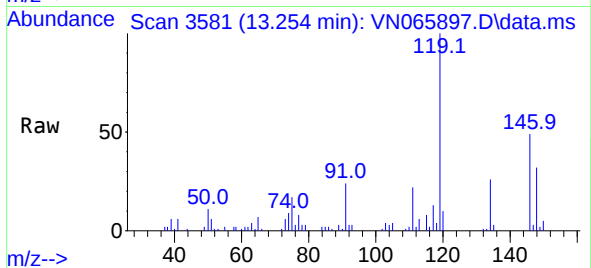




#87  
1,3-Dichlorobenzene  
Concen: 4.98 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

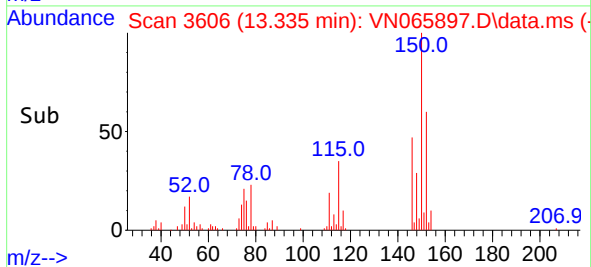
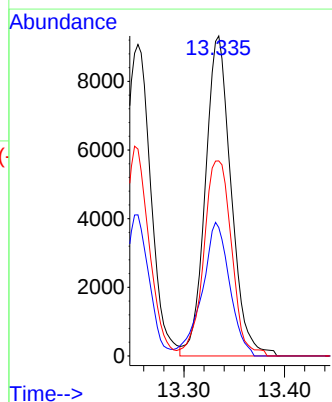
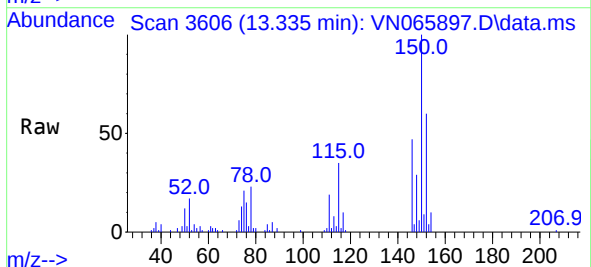
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

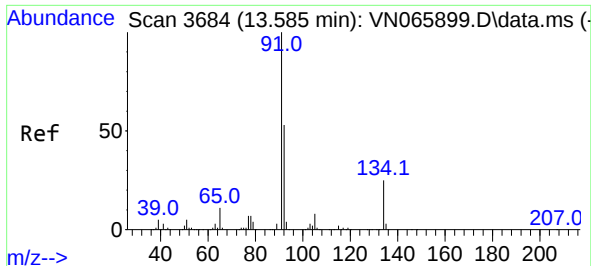
Tgt Ion:146 Resp: 16156  
Ion Ratio Lower Upper  
146 100  
111 42.7 19.5 58.5  
148 63.4 32.3 96.9



#88  
1,4-Dichlorobenzene  
Concen: 5.10 ug/l  
RT: 13.335 min Scan# 3606  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Tgt Ion:146 Resp: 16635  
Ion Ratio Lower Upper  
146 100  
111 44.4 19.0 57.0  
148 66.1 31.8 95.3

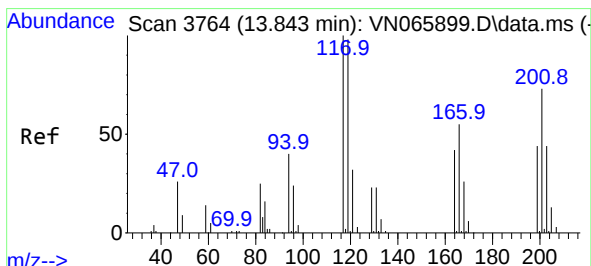
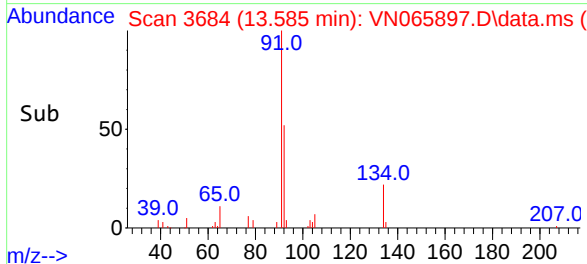
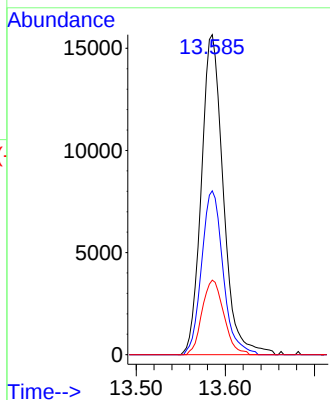
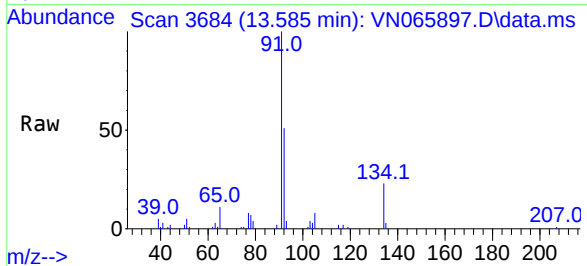




#89  
n-Butylbenzene  
Concen: 4.85 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

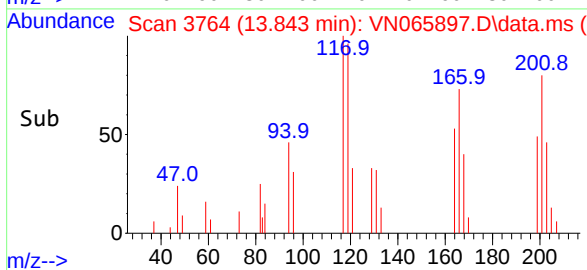
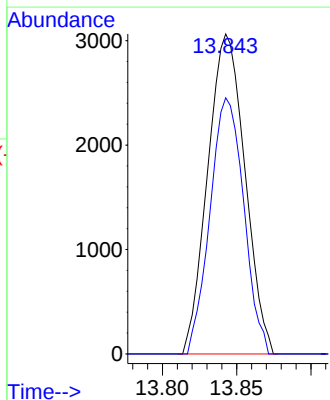
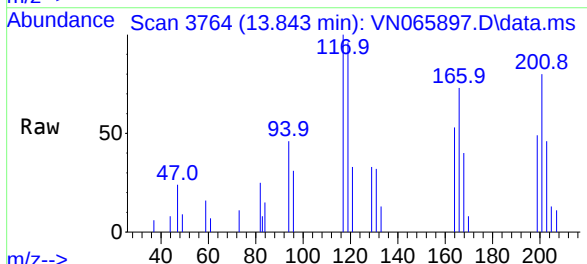
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

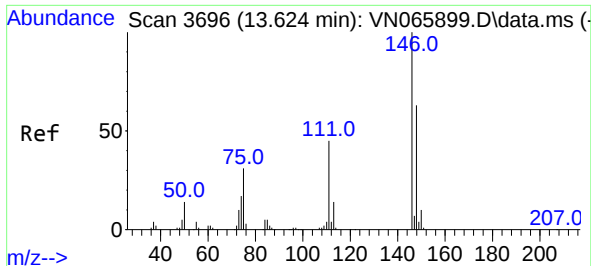
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 26771 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 50.3  | 26.1  | 78.3  |
| 134      | 23.1  | 13.0  | 38.9  |



#90  
Hexachloroethane  
Concen: 4.74 ug/l  
RT: 13.843 min Scan# 3764  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 5341  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 72.5  | 37.8  | 113.3 |

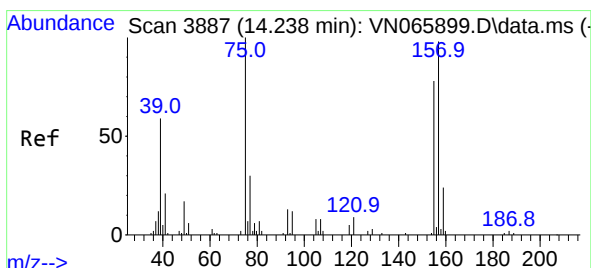
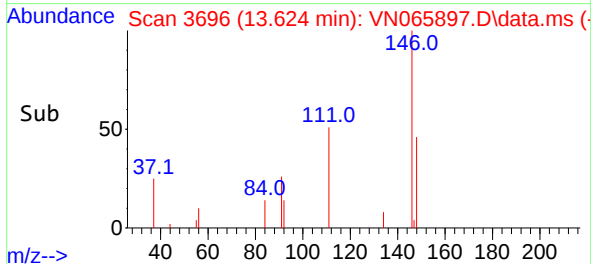
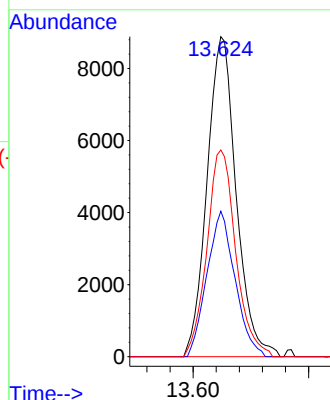
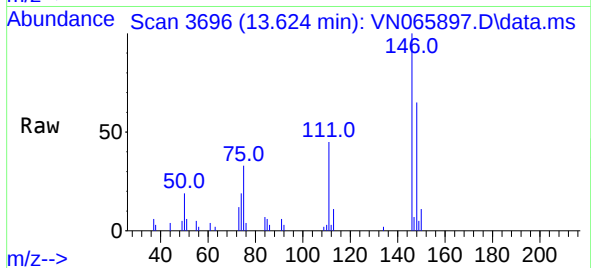




#91  
1,2-Dichlorobenzene  
Concen: 4.75 ug/l  
RT: 13.624 min Scan# 3696  
Delta R.T. -0.000 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

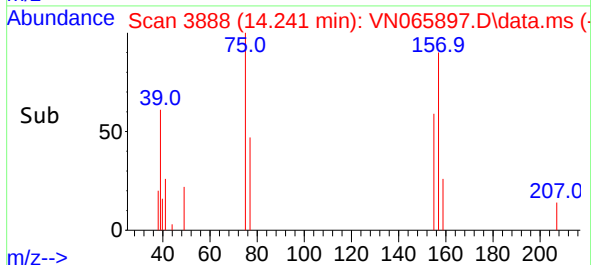
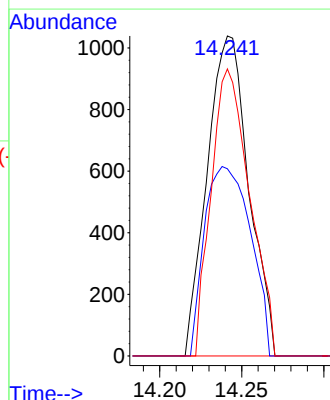
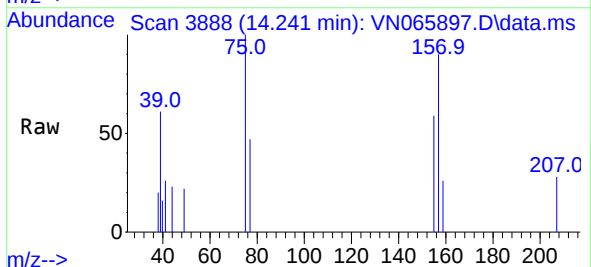
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

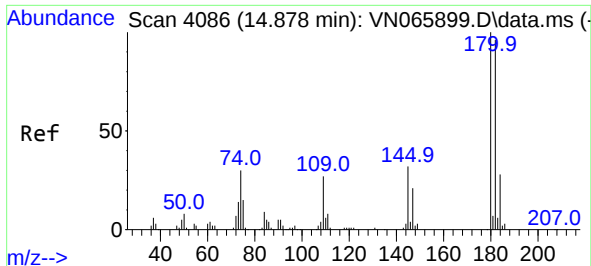
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 15571 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 43.8  | 20.1  | 60.3  |
| 148      | 63.9  | 32.0  | 96.0  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.13 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1832  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 65.5  | 44.1  | 132.4 |
| 157      | 83.1  | 56.0  | 168.2 |

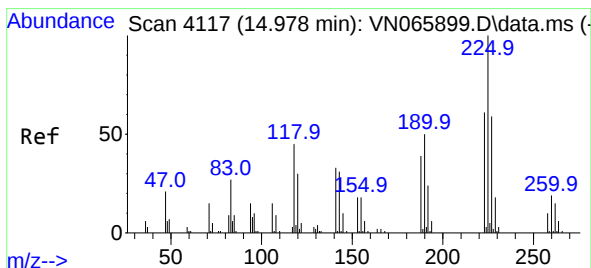
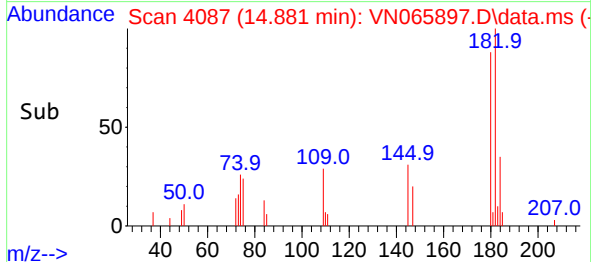
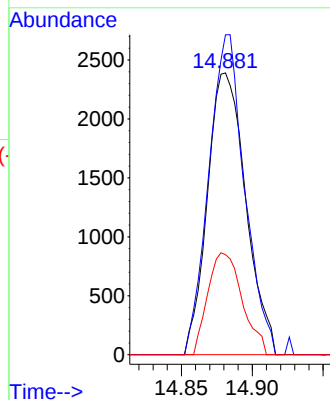
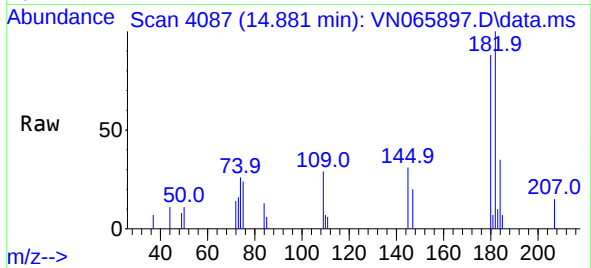




#93  
1,2,4-Trichlorobenzene  
Concen: 3.97 ug/l  
RT: 14.881 min Scan# 4087  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

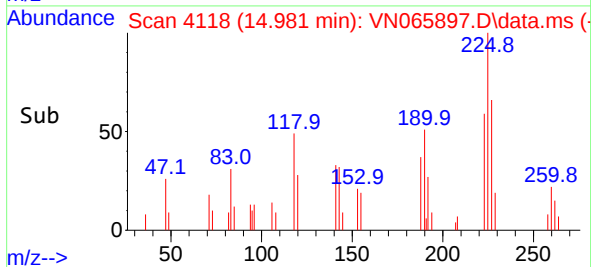
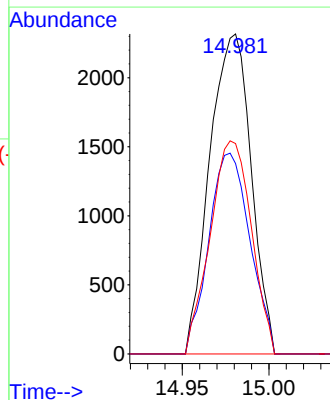
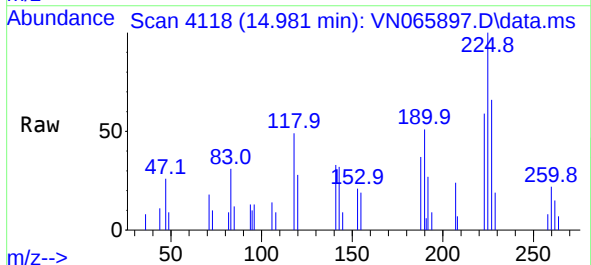
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MSVOA\_N  
ClientSampled :  
VSTDIC005

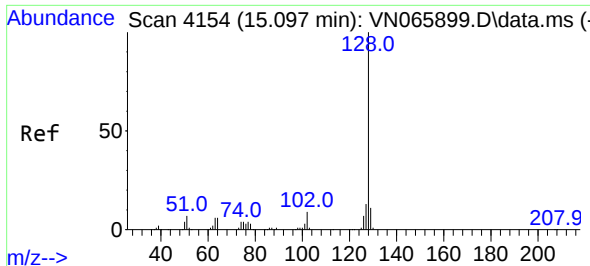
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 4511  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 105.7 | 47.3  | 142.0 |
| 145      | 32.4  | 15.6  | 46.8  |



#94  
Hexachlorobutadiene  
Concen: 4.93 ug/l  
RT: 14.981 min Scan# 4118  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3851  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 31.9  | 95.9  |
| 227      | 66.3  | 31.6  | 95.0  |

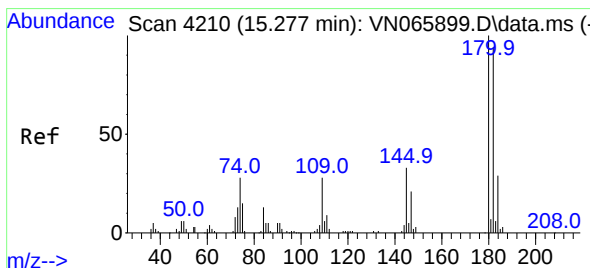
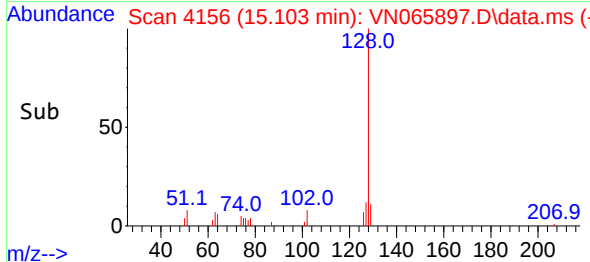
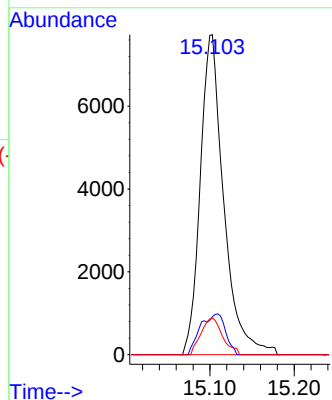
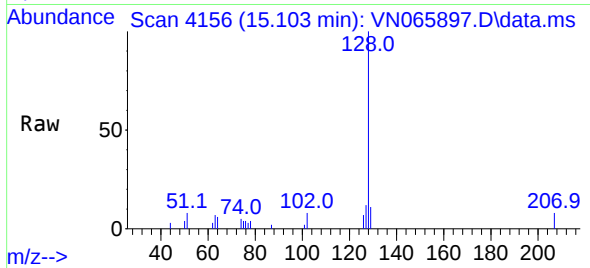




#95  
Naphthalene  
Concen: 3.96 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. 0.006 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 14998 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.6  | 10.2  | 15.2  |
| 129      | 10.5  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.26 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. 0.003 min  
Lab File: VN065897.D  
Acq: 17 Feb 2021 13:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5631  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.6  | 47.4  | 142.3 |
| 145      | 32.1  | 16.5  | 49.5  |

