

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122220\  
 Data File : VN065193.D  
 Acq On : 22 Dec 2020 12:02  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Dec 22 14:17:35 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220w.M  
 Quant Title : Sw846 8260  
 QLast Update : Tue Dec 22 14:16:38 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.627  | 168  | 264027   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.550  | 114  | 396999   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.380 | 117  | 350676   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.318 | 152  | 150964   | 50.00 | ug/l  | 0.00     |

|                             |        |                |          |      |         |      |
|-----------------------------|--------|----------------|----------|------|---------|------|
| System Monitoring Compounds |        |                |          |      |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65             | 16517    | 5.38 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =    | 10.76%# |      |
| 35) Dibromofluoromethane    | 7.553  | 113            | 12721    | 4.69 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =    | 9.38%#  |      |
| 50) Toluene-d8              | 10.058 | 98             | 47170    | 4.87 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =    | 9.74%#  |      |
| 62) 4-Bromofluorobenzene    | 12.376 | 95             | 16942    | 5.01 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =    | 10.02%# |      |

|                              |       |     |        |       |        |        |
|------------------------------|-------|-----|--------|-------|--------|--------|
| Target Compounds             |       |     |        |       |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.840 | 85  | 11278  | 4.33  | ug/l   | 97     |
| 3) Chloromethane             | 2.046 | 50  | 12967  | 4.83  | ug/l   | 100    |
| 4) Vinyl Chloride            | 2.171 | 62  | 14062  | 5.47  | ug/l   | 99     |
| 5) Bromomethane              | 2.528 | 94  | 10090  | 6.32  | ug/l   | 96     |
| 6) Chloroethane              | 2.676 | 64  | 9283   | 6.48  | ug/l # | 87     |
| 7) Trichlorofluoromethane    | 2.994 | 101 | 21765  | 4.90  | ug/l   | 98     |
| 8) Diethyl Ether             | 3.380 | 74  | 8367   | 5.40  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluo... | 3.711 | 101 | 12437  | 4.80  | ug/l   | 96     |
| 10) Methyl Iodide            | 3.907 | 142 | 16798  | 5.11  | ug/l # | 93     |
| 11) Tert butyl alcohol       | 4.772 | 59  | 12310  | 34.94 | ug/l # | 94     |
| 12) 1,1-Dichloroethene       | 3.695 | 96  | 12580  | 5.14  | ug/l   | 91     |
| 13) Acrolein                 | 3.570 | 56  | 11642  | 62.40 | ug/l   | 95     |
| 14) Allyl chloride           | 4.274 | 41  | 20780  | 5.28  | ug/l   | 94     |
| 15) Acrylonitrile            | 4.942 | 53  | 29710  | 27.34 | ug/l   | 98     |
| 16) Acetone                  | 3.785 | 43  | 32713  | 28.29 | ug/l   | 95     |
| 17) Carbon Disulfide         | 4.000 | 76  | 30050  | 4.45  | ug/l   | 100    |
| 18) Methyl Acetate           | 4.290 | 43  | 13316  | 5.33  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether  | 5.004 | 73  | 42427  | 5.71  | ug/l   | 100    |
| 20) Methylene Chloride       | 4.502 | 84  | 14362  | 4.90  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene | 4.987 | 96  | 11972  | 4.68  | ug/l   | 91     |
| 22) Diisopropyl ether        | 5.914 | 45  | 44008  | 5.66  | ug/l   | 92     |
| 23) Vinyl Acetate            | 5.849 | 43  | 180714 | 28.31 | ug/l   | 97     |
| 24) 1,1-Dichloroethane       | 5.798 | 63  | 23541  | 4.99  | ug/l   | 98     |
| 25) 2-Butanone               | 6.801 | 43  | 42254  | 28.56 | ug/l   | 99     |
| 26) 2,2-Dichloropropane      | 6.775 | 77  | 22139  | 5.26  | ug/l   | 78     |
| 27) cis-1,2-Dichloroethene   | 6.782 | 96  | 14837  | 5.16  | ug/l   | 97     |
| 28) Bromochloromethane       | 7.151 | 49  | 10521  | 5.06  | ug/l # | 100    |
| 29) Tetrahydrofuran          | 7.177 | 42  | 26448  | 29.09 | ug/l   | 99     |
| 30) Chloroform               | 7.328 | 83  | 23836  | 4.77  | ug/l   | 99     |
| 31) Cyclohexane              | 7.614 | 56  | 24705  | 5.94  | ug/l # | 85     |
| 32) 1,1,1-Trichloroethane    | 7.531 | 97  | 21331  | 4.77  | ug/l   | 98     |
| 36) 1,1-Dichloropropene      | 7.753 | 75  | 17351  | 4.64  | ug/l   | 99     |
| 37) Ethyl Acetate            | 6.894 | 43  | 17193  | 5.24  | ug/l   | 98     |
| 38) Carbon Tetrachloride     | 7.733 | 117 | 18519  | 4.35  | ug/l   | 99     |
| 39) Methylcyclohexane        | 9.045 | 83  | 20283  | 4.92  | ug/l   | 97     |
| 40) Benzene                  | 8.003 | 78  | 52947  | 4.85  | ug/l   | 97     |
| 41) Methacrylonitrile        | 7.132 | 41  | 8871   | 5.70  | ug/l # | 86     |

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 Acq On : 22 Dec 2020 12:02  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Quant Time: Dec 22 14:17:35 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220w.M  
 Quant Title : Sw846 8260  
 QLast Update : Tue Dec 22 14:16:38 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.087  | 62   | 20245    | 5.09   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.132  | 43   | 31405    | 5.79   | ug/l   | 95       |
| 44) Trichloroethene           | 8.801  | 130  | 15204    | 4.68   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.084  | 63   | 13753    | 4.76   | ug/l   | 94       |
| 46) Dibromomethane            | 9.177  | 93   | 9357     | 4.77   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.370  | 83   | 19858    | 4.89   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.167  | 41   | 15015    | 5.75   | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.171  | 88   | 5058     | 129.17 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 9.955  | 43   | 87664    | 28.12  | ug/l   | 95       |
| 52) Toluene                   | 10.122 | 92   | 32873    | 4.88   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.354 | 75   | 21878    | 5.18   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.807  | 75   | 23457    | 5.26   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.534 | 97   | 13430    | 4.93   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.399 | 69   | 20785    | 6.06   | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 10.679 | 76   | 22383    | 5.04   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.663  | 63   | 45286    | 25.85  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.724 | 43   | 62555    | 28.73  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.875 | 129  | 15745    | 4.91   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 10.978 | 107  | 14495    | 5.13   | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.601 | 164  | 18489    | 5.38   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.405 | 112  | 35037    | 4.80   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 13966    | 4.78   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.482 | 91   | 62998    | 5.17   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.595 | 106  | 47713    | 10.27  | ug/l   | 100      |
| 69) o-Xylene                  | 11.920 | 106  | 23603    | 5.38   | ug/l   | 98       |
| 70) Styrene                   | 11.936 | 104  | 37518    | 5.22   | ug/l   | 98       |
| 71) Bromoform                 | 12.100 | 173  | 11710    | 5.22   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.222 | 105  | 63203    | 6.06   | ug/l   | 99       |
| 74) N-ethyl acetate           | 12.045 | 43   | 23692    | 6.44   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.479 | 83   | 17068    | 5.67   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.527 | 75   | 24527    | 8.79   | ug/l # | 100      |
| 77) Bromobenzene              | 12.498 | 156  | 15993    | 5.62   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.563 | 91   | 68000    | 5.93   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.646 | 91   | 41547    | 5.92   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.707 | 105  | 52442    | 6.12   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.273 | 75   | 6258     | 6.20   | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 12.746 | 91   | 40525    | 5.60   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.968 | 119  | 45470    | 6.09   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 51452    | 5.94   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.145 | 105  | 59616    | 6.28   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.264 | 119  | 53914    | 6.14   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.257 | 146  | 25269    | 5.16   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.338 | 146  | 25552    | 5.14   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.588 | 91   | 45191    | 6.07   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.846 | 117  | 8468     | 5.28   | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 13.627 | 146  | 24797    | 5.08   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.244 | 75   | 3291     | 5.31   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 8676     | 3.70   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.977 | 225  | 9938     | 5.92   | ug/l   | 100      |
| 95) Naphthalene               | 15.100 | 128  | 21683    | 3.77   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.267 | 180  | 8288     | 4.00   | ug/l   | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

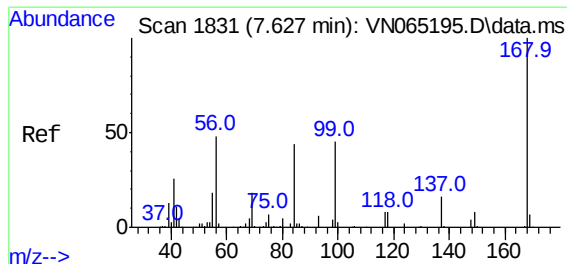
**Instrument :**

MSVOA\_N

**ClientSampleId :**

VSTDICC005

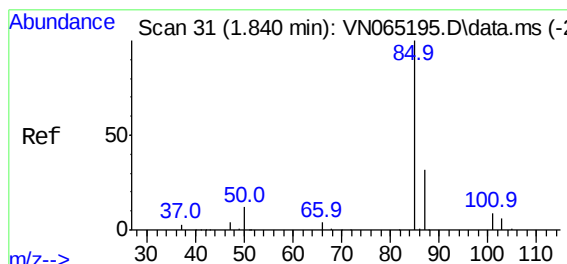
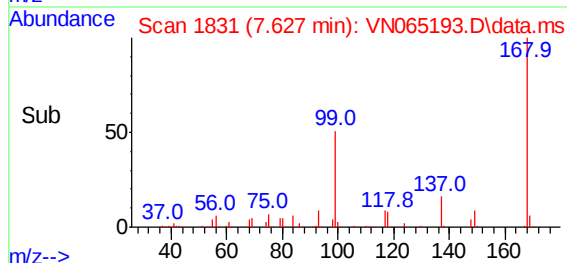
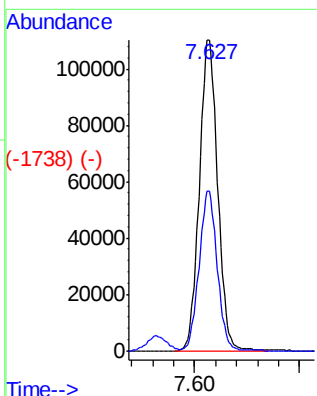
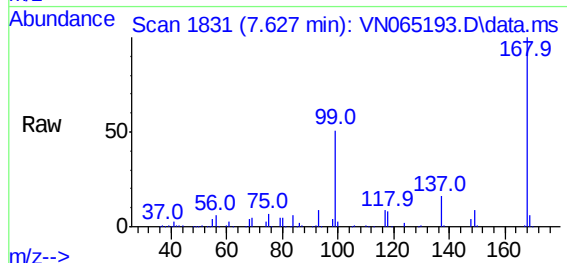




Pentafuorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

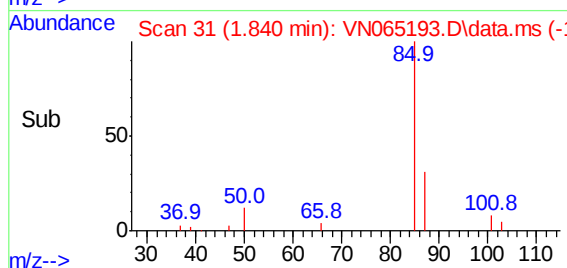
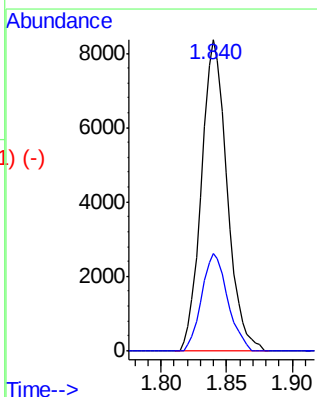
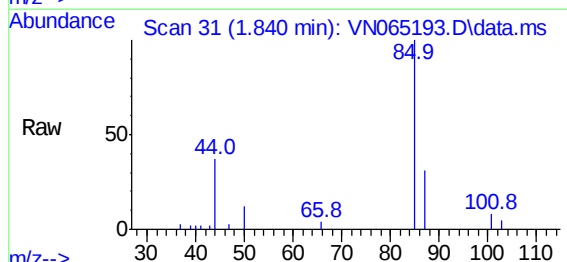
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

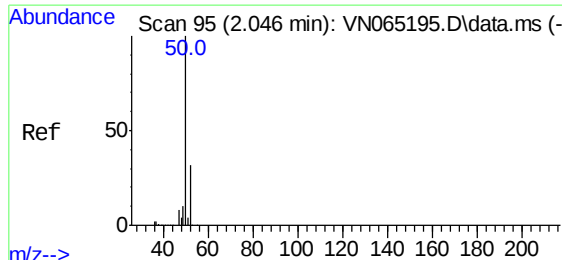
Tgt Ion:168 Resp: 264027  
Ion Ratio Lower Upper  
168 100  
99 51.5 43.0 64.4



Dichlorodifluoromethane  
Concen: 4.33 ug/l  
RT: 1.840 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 85 Resp: 11278  
Ion Ratio Lower Upper  
85 100  
87 31.3 16.4 49.4

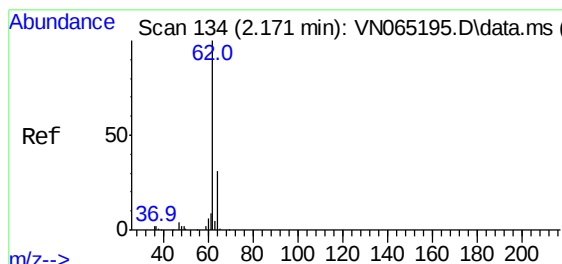
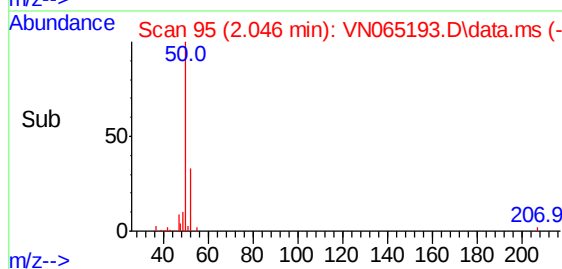
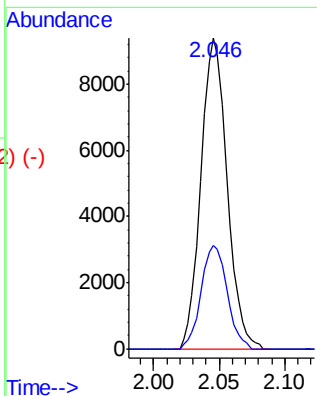
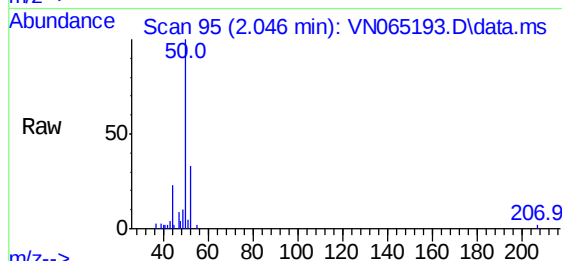




Chloromethane  
 Concen: 4.83 ug/l  
 RT: 2.046 min Scan# 95  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

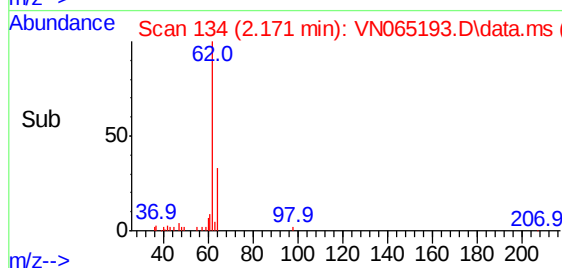
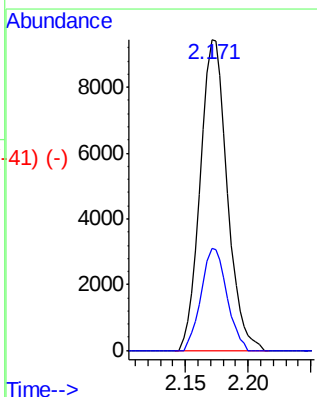
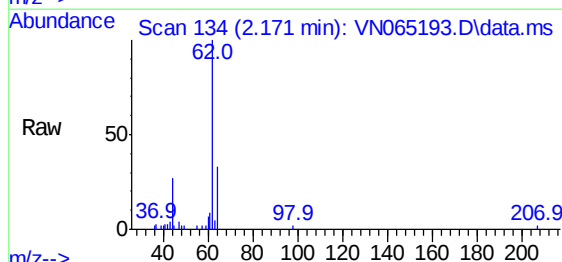
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

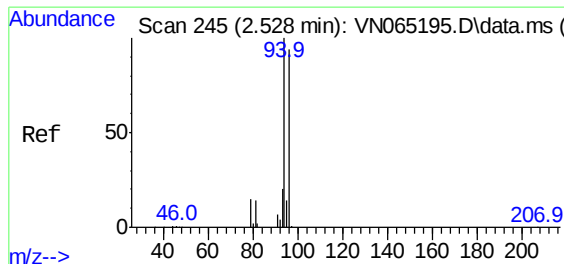
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 50    | Resp: | 12967 |
| Ion Ratio | Lower | Upper |       |
| 50        | 100   |       |       |
| 52        | 33.4  | 26.6  | 39.8  |



Vinyl Chloride  
 Concen: 5.47 ug/l  
 RT: 2.171 min Scan# 134  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 14062 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 64        | 32.8  | 26.5  | 39.7  |

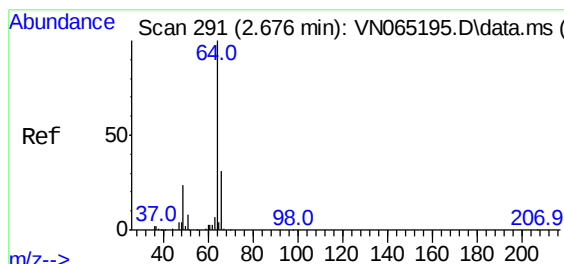
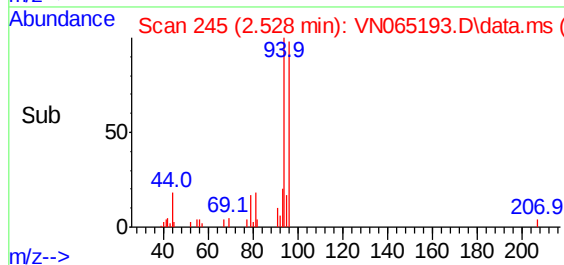
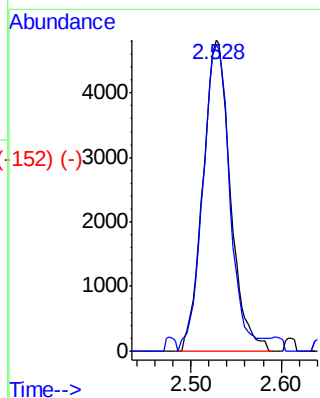
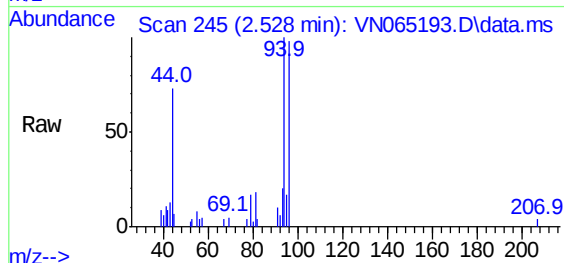




Bromomethane  
Concen: 6.32 ug/l  
RT: 2.528 min Scan# 245  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

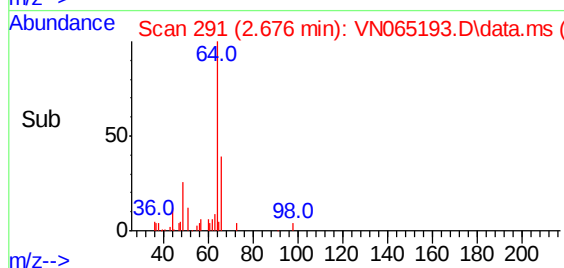
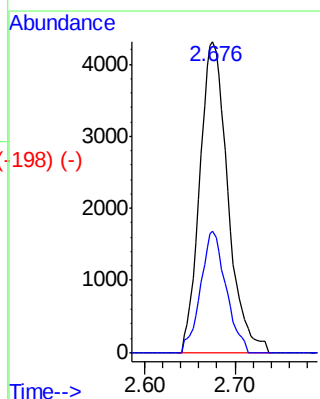
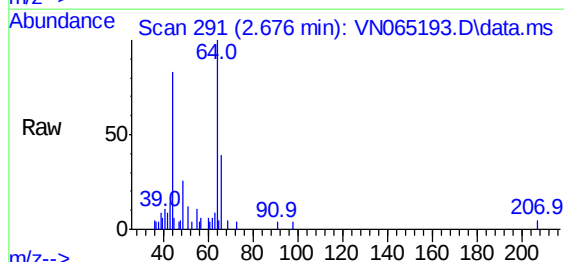
Instrument :  
MSVOA\_N  
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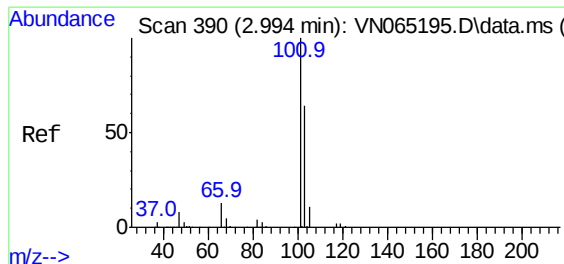
Tgt Ion: 94 Resp: 10090  
Ion Ratio Lower Upper  
94 100  
96 98.4 75.4 113.0



Chloroethane  
Concen: 6.48 ug/l  
RT: 2.676 min Scan# 291  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 64 Resp: 9283  
Ion Ratio Lower Upper  
64 100  
66 39.0 25.6 38.4#

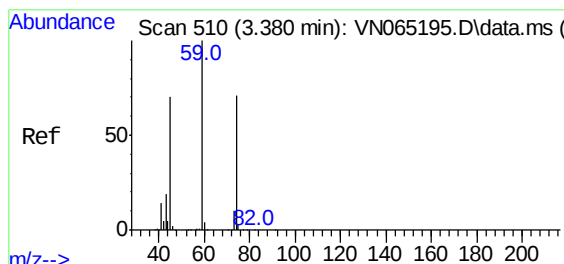
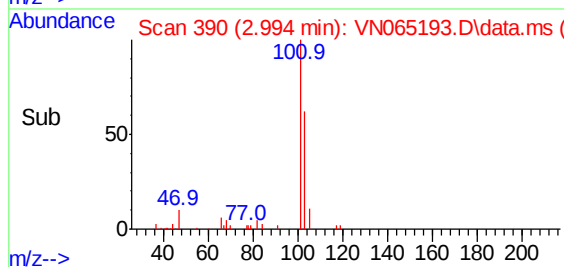
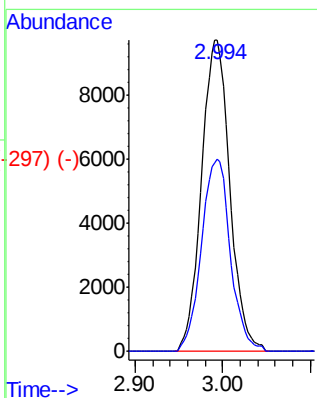
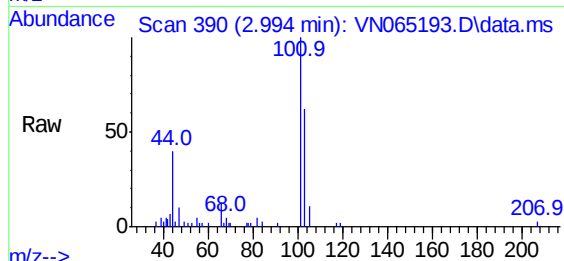




Trichlorofluoromethane  
 Concen: 4.90 ug/l  
 RT: 2.994 min Scan# 390  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

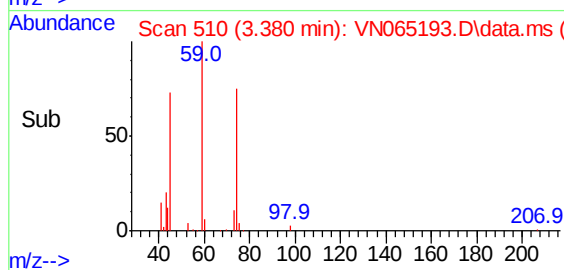
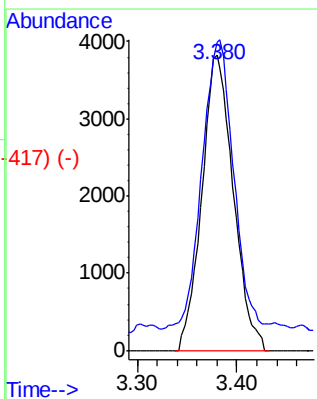
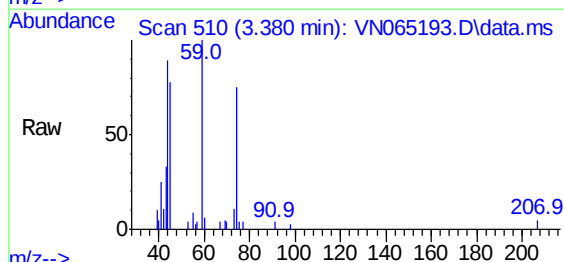
Instrument :  
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 ClientSampleId :  
 VSTDIC005

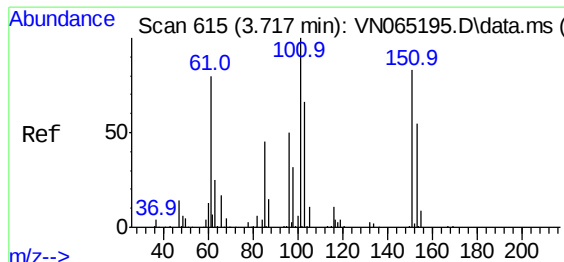
Tgt Ion: 101 Resp: 21765  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 50.5 75.7



Diethyl Ether  
 Concen: 5.40 ug/l  
 RT: 3.380 min Scan# 510  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

Tgt Ion: 74 Resp: 8367  
 Ion Ratio Lower Upper  
 74 100  
 45 98.4 48.9 146.8

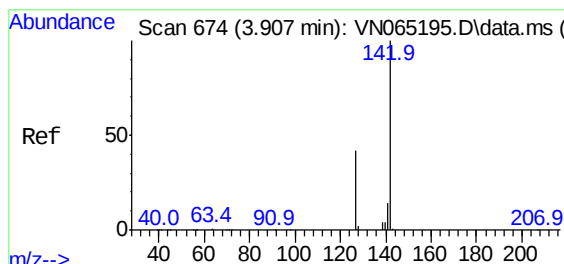
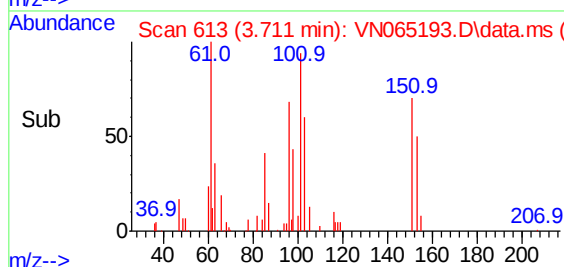
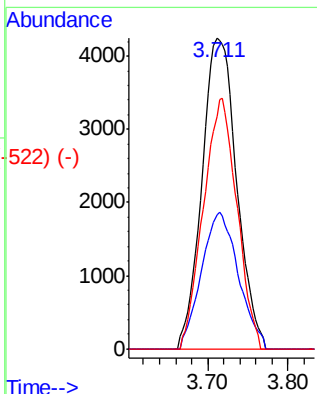
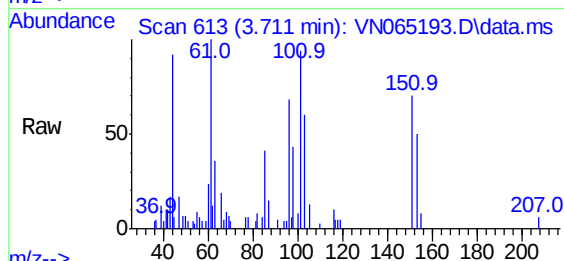




1,1,2-Trichlorotrifluoroethane  
Concen: 4.80 ug/l  
RT: 3.711 min Scan# 613  
Delta R.T. -0.006 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

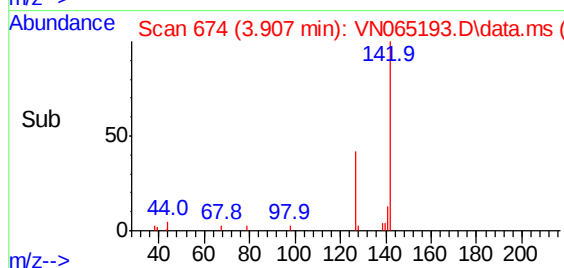
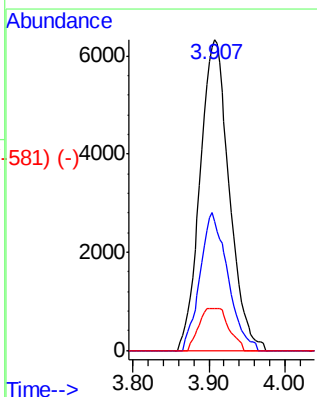
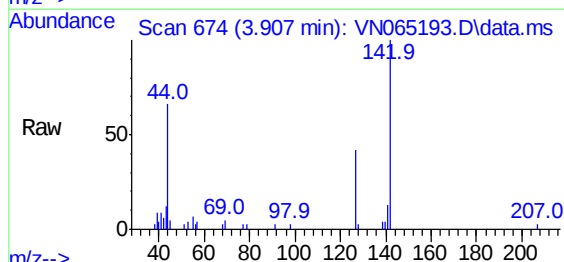
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

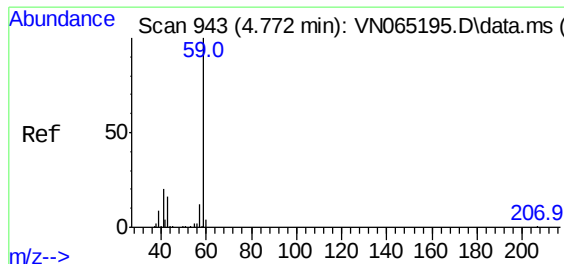
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 12437 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.9  | 34.4  | 51.6  |
| 151      | 77.9  | 64.0  | 96.0  |



Methyl Iodide  
Concen: 5.11 ug/l  
RT: 3.907 min Scan# 674  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 16798 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 42.3  | 35.0  | 52.6  |
| 141      | 6.5   | 11.8  | 17.6# |

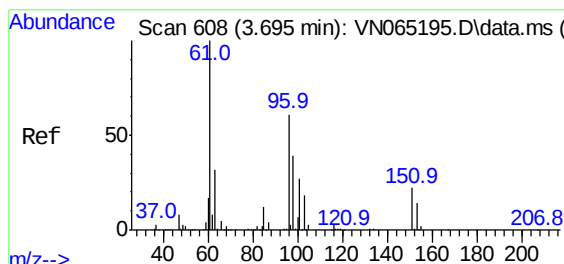
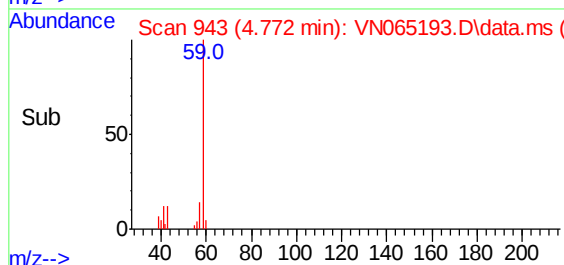
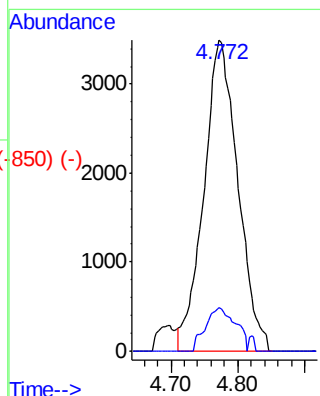
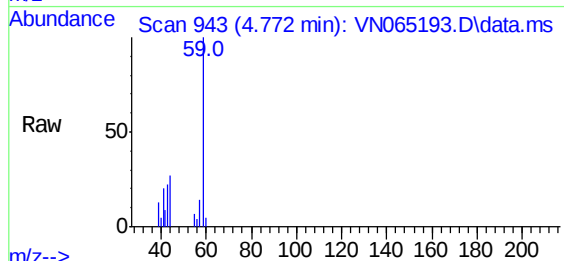




Tert butyl alcohol  
Concen: 34.94 ug/l  
RT: 4.772 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

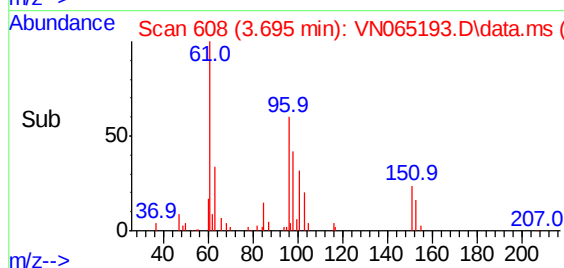
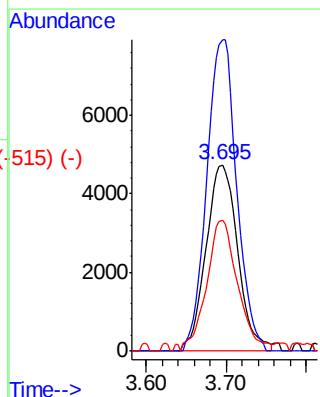
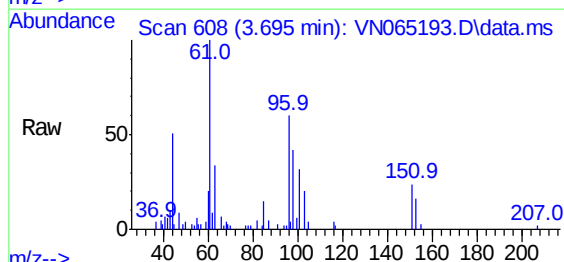
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

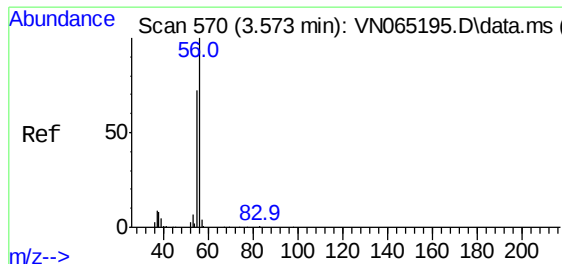
Tgt Ion: 59 Resp: 12310  
Ion Ratio Lower Upper  
59 100  
57 12.2 7.9 11.9#



1,1-Dichloroethene  
Concen: 5.14 ug/l  
RT: 3.695 min Scan# 608  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 96 Resp: 12580  
Ion Ratio Lower Upper  
96 100  
61 167.2 123.4 185.2  
98 66.9 49.8 74.8

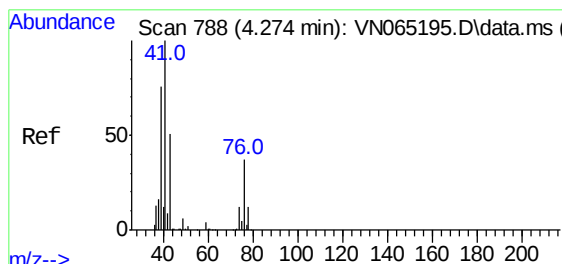
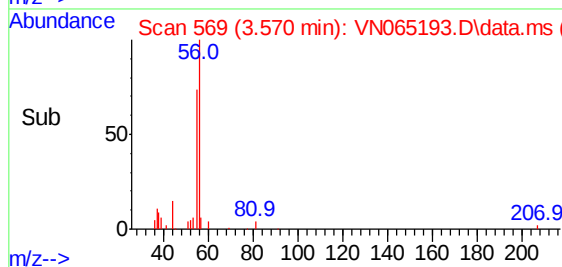
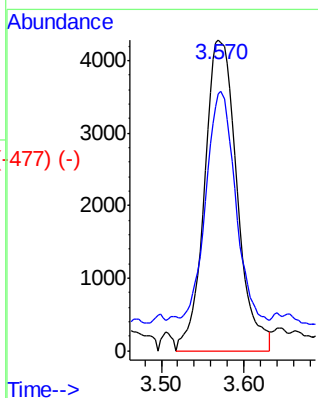
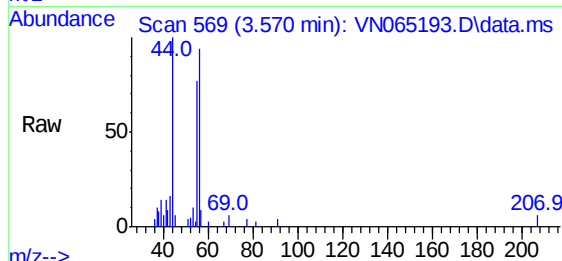




Acrolein  
Concen: 62.40 ug/l  
RT: 3.570 min Scan# 569  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

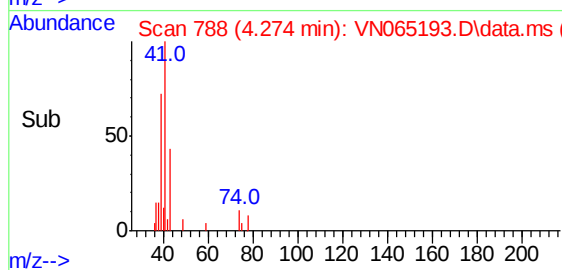
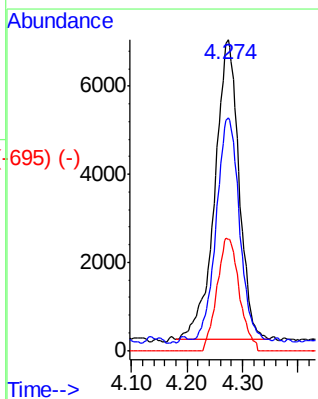
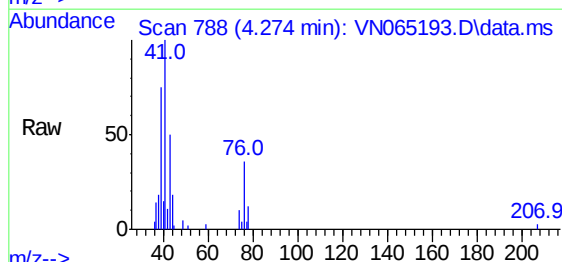
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

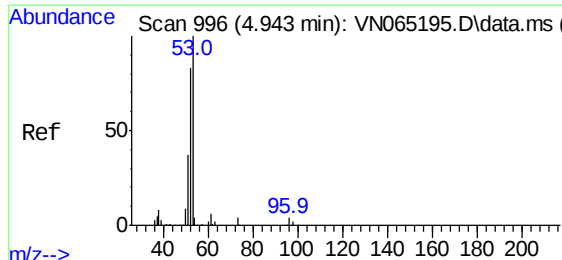
Tgt Ion: 56 Resp: 11642  
Ion Ratio Lower Upper  
56 100  
55 66.1 56.5 84.7



Allyl chloride  
Concen: 5.28 ug/l  
RT: 4.274 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 41 Resp: 20780  
Ion Ratio Lower Upper  
41 100  
39 70.0 50.9 76.3  
76 34.4 29.0 43.4

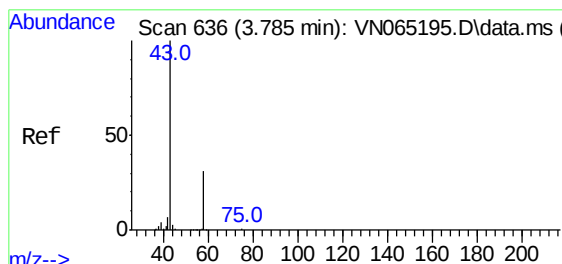
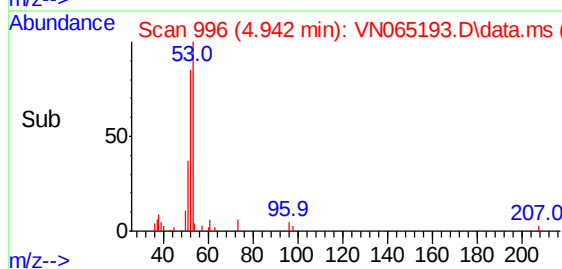
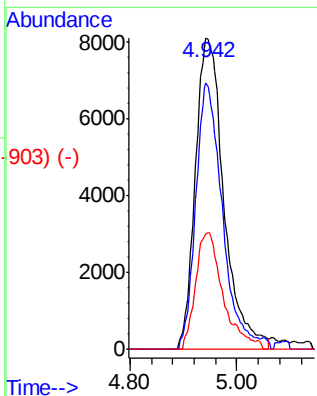
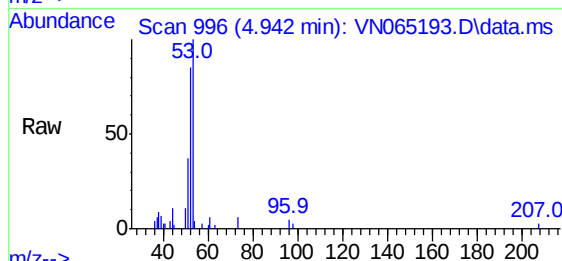




#15 (-)  
Acrylonitrile  
Concen: 27.34 ug/l  
RT: 4.942 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

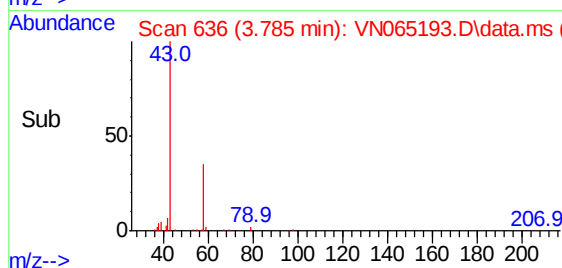
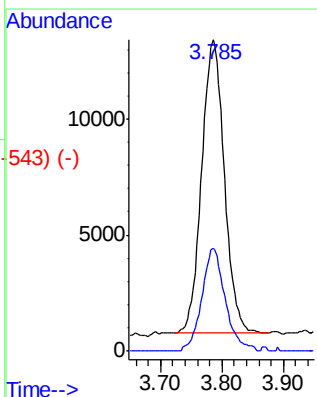
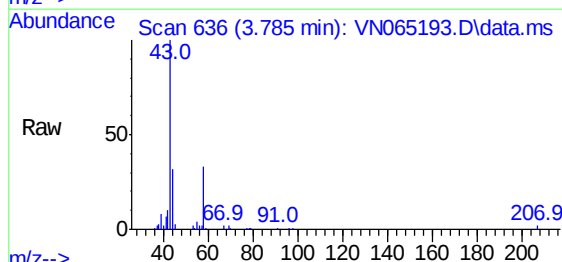
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

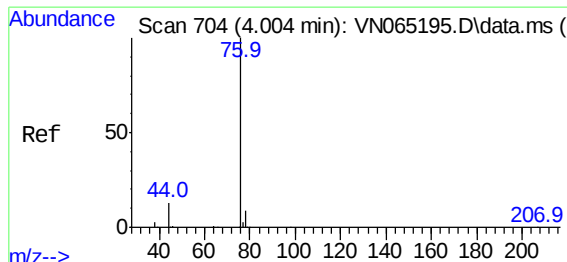
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 29710 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.6  | 65.5  | 98.3  |
| 51       | 35.7  | 28.6  | 43.0  |



#16 (-)  
Acetone  
Concen: 28.29 ug/l  
RT: 3.785 min Scan# 636  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 32713 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.7  | 25.7  | 38.5  |

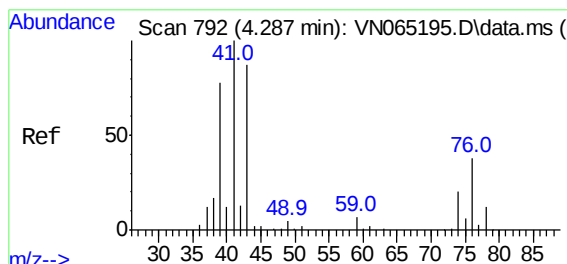
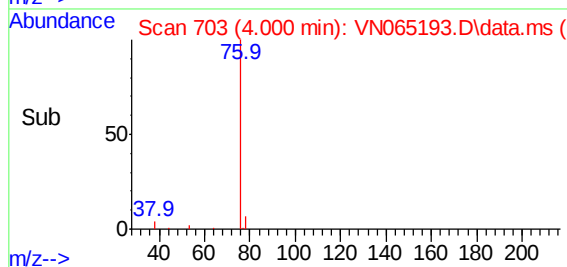
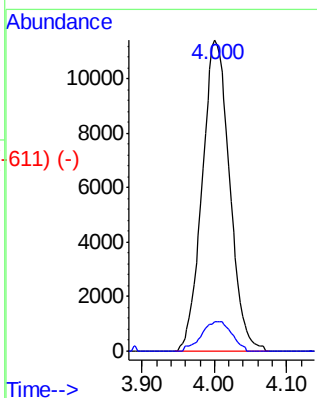
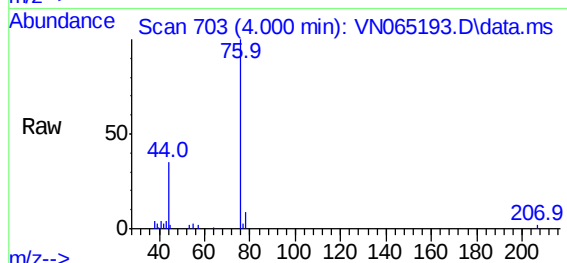




Carbon Disulfide  
Concen: 4.45 ug/l  
RT: 4.000 min Scan# 703  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

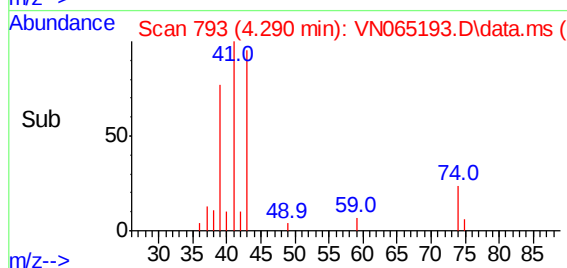
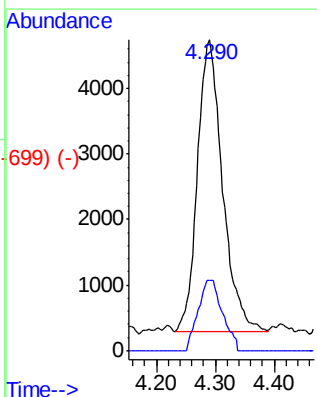
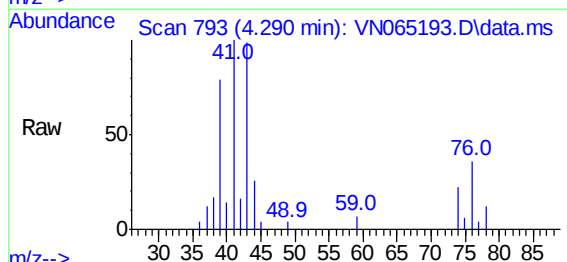
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

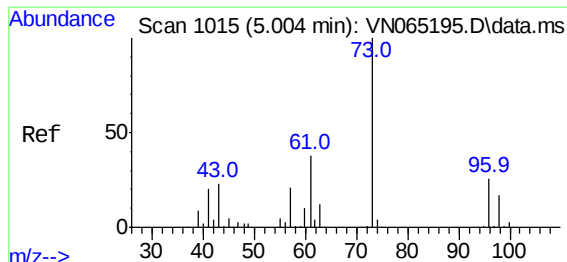
Tgt Ion: 76 Resp: 30050  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



Methyl Acetate  
Concen: 5.33 ug/l  
RT: 4.290 min Scan# 793  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 43 Resp: 13316  
Ion Ratio Lower Upper  
43 100  
74 23.1 20.2 30.2

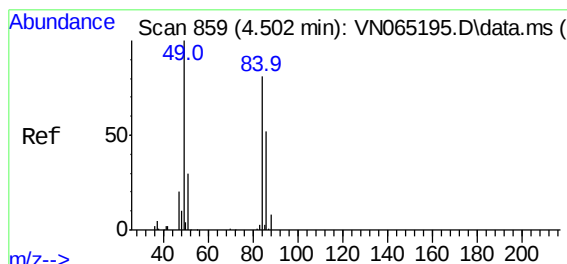
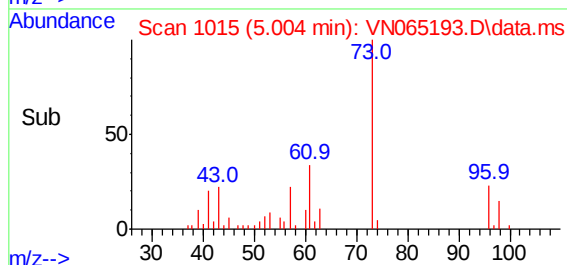
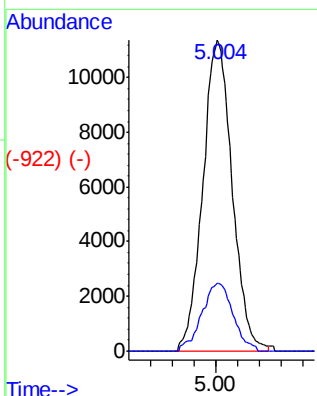
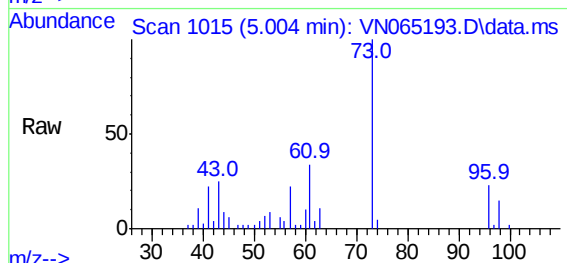




(-916) (-)  
Methyl tert-butyl Ether  
Concen: 5.71 ug/l  
RT: 5.004 min Scan# 1015  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

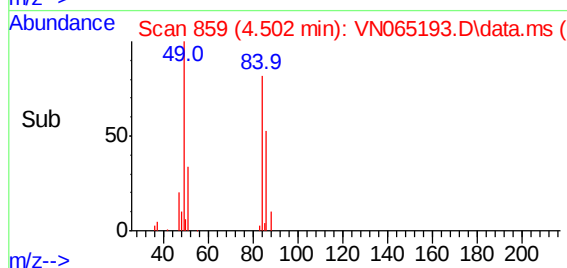
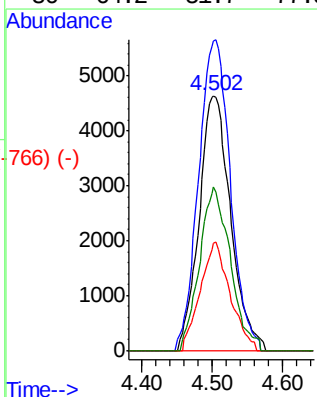
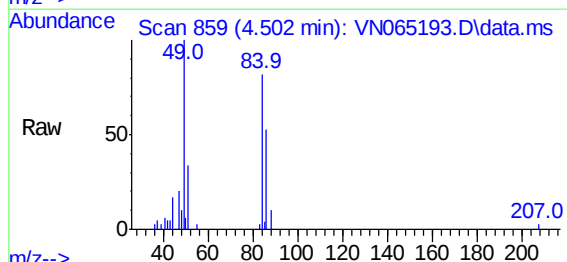
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

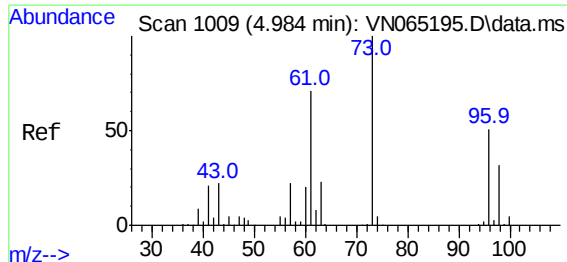
Tgt Ion: 73 Resp: 42427  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.4 26.0



(-872) (-)  
Methylene Chloride  
Concen: 4.90 ug/l  
RT: 4.502 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 84 Resp: 14362  
Ion Ratio Lower Upper  
84 100  
49 121.9 93.4 140.0  
51 41.9 28.2 42.4  
86 64.2 51.7 77.5

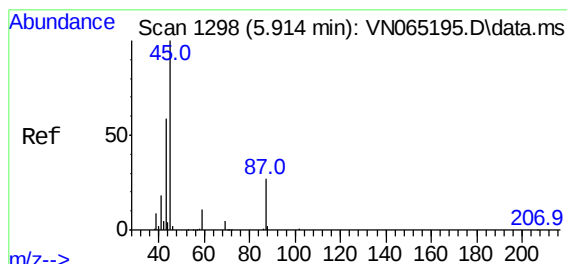
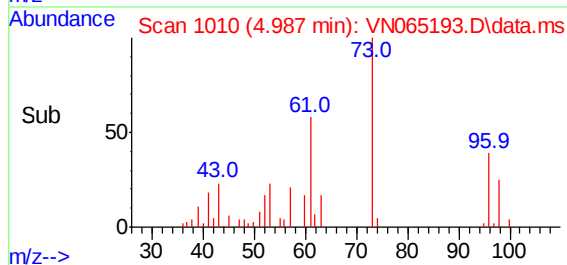
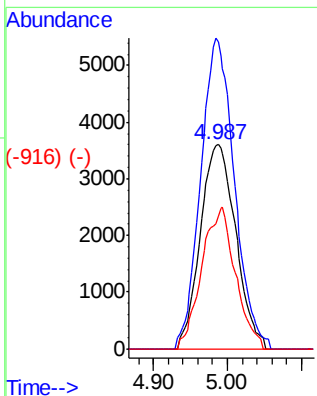
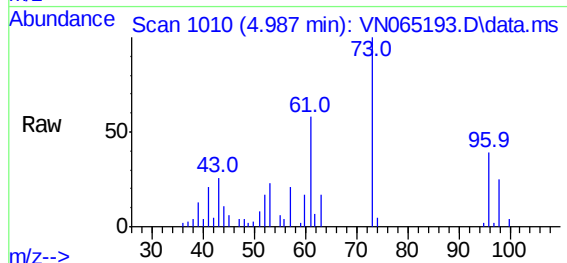




(-987) (-)  
trans-1,2-Dichloroethene  
Concen: 4.68 ug/l  
RT: 4.987 min Scan# 1010  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

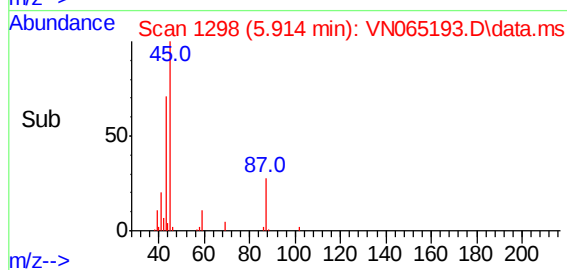
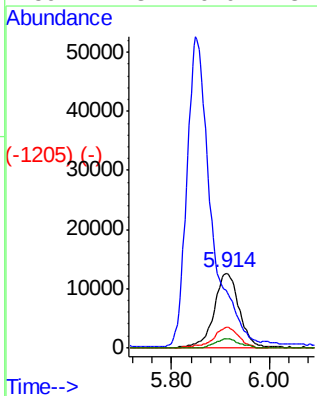
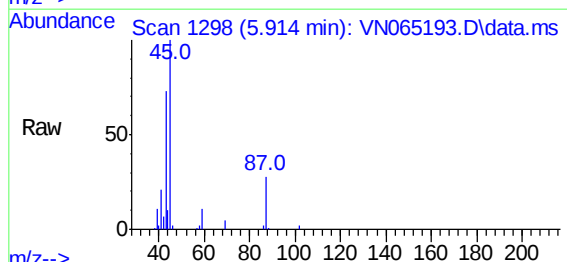
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

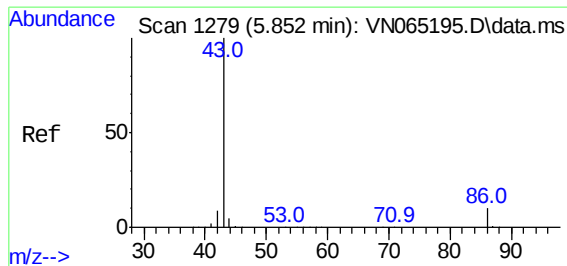
Tgt Ion: 96 Resp: 11972  
Ion Ratio Lower Upper  
96 100  
61 150.4 108.4 162.6  
98 64.8 51.3 76.9



(-1261) (-)  
Diisopropyl ether  
Concen: 5.66 ug/l  
RT: 5.914 min Scan# 1298  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 45 Resp: 44008  
Ion Ratio Lower Upper  
45 100  
43 65.8 46.2 69.2  
87 28.1 24.1 36.1  
59 11.3 9.0 13.4

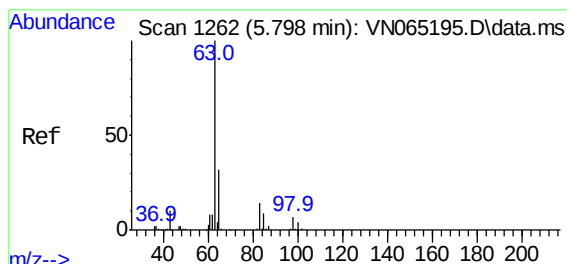
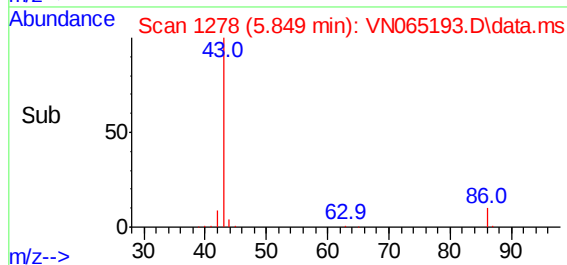
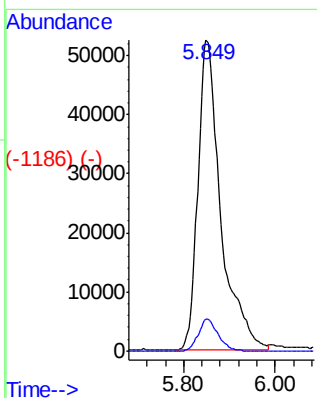
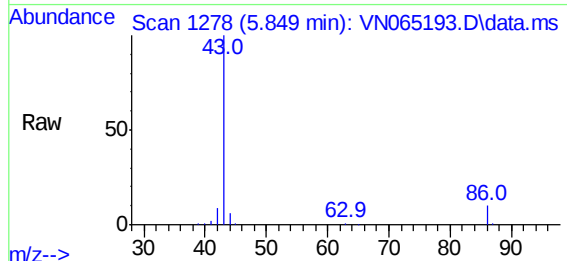




#231 (-)  
Vinyl Acetate  
Concen: 28.31 ug/l  
RT: 5.849 min Scan# 1278  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

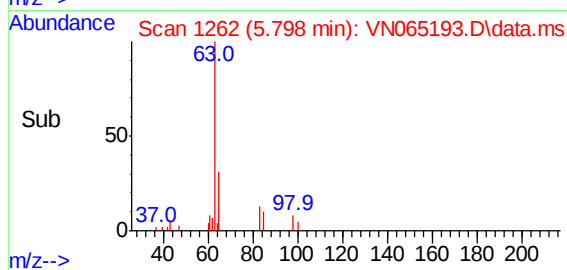
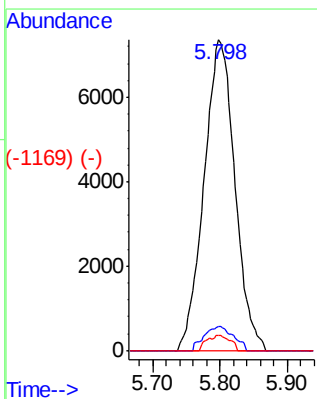
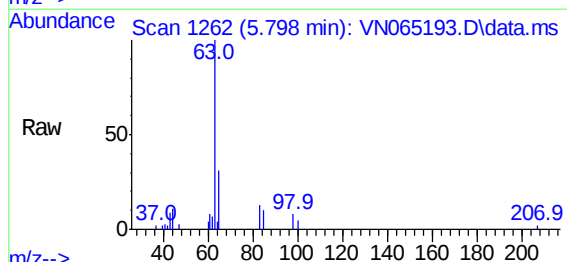
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

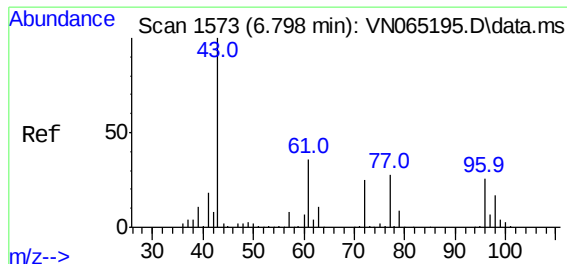
Tgt Ion: 43 Resp: 180714  
Ion Ratio Lower Upper  
43 100  
86 10.1 8.9 13.3



#237 (-)  
1,1-Dichloroethane  
Concen: 4.99 ug/l  
RT: 5.798 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 63 Resp: 23541  
Ion Ratio Lower Upper  
63 100  
98 7.6 3.5 10.5  
100 5.0 2.3 6.8

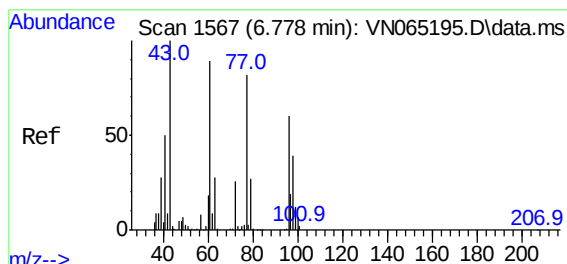
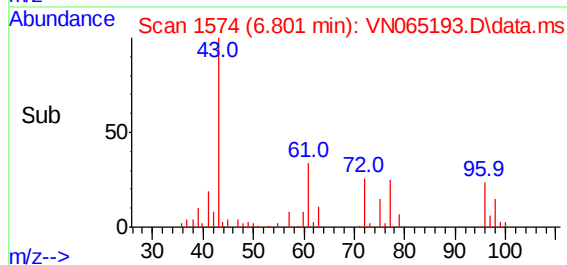
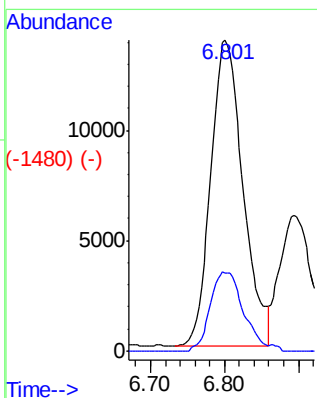
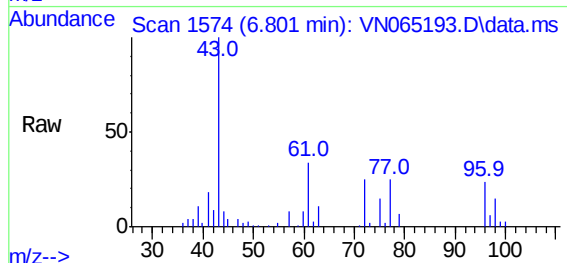




#157 (-)  
2-Butanone  
Concen: 28.56 ug/l  
RT: 6.801 min Scan# 1574  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

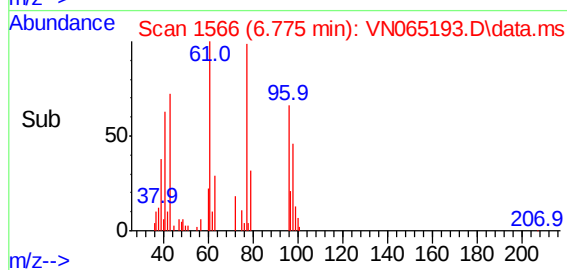
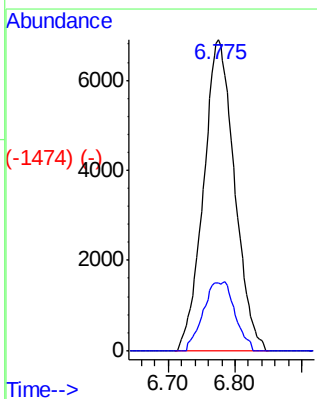
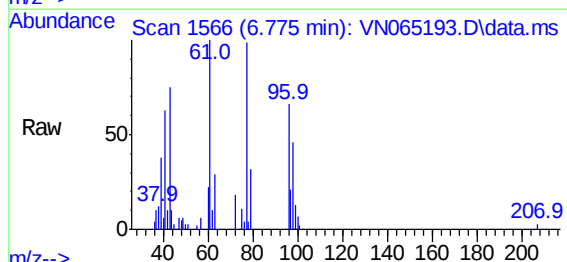
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

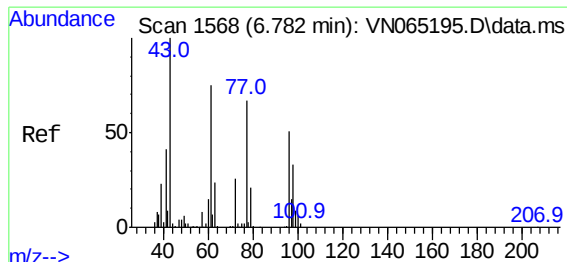
Tgt Ion: 43 Resp: 42254  
Ion Ratio Lower Upper  
43 100  
72 25.5 21.0 31.6



#156 (-)  
2,2-Dichloropropane  
Concen: 5.26 ug/l  
RT: 6.775 min Scan# 1566  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 77 Resp: 22139  
Ion Ratio Lower Upper  
77 100  
97 12.8 11.7 35.0

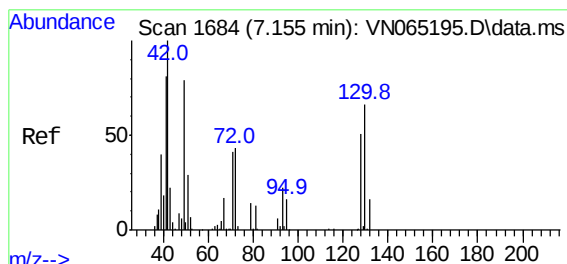
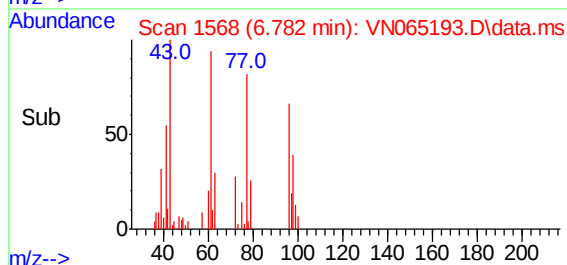
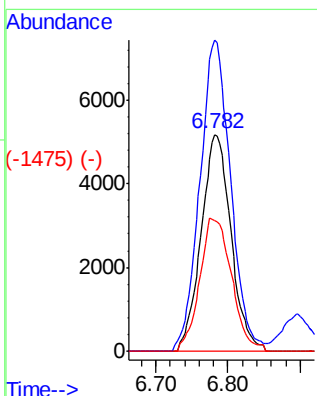
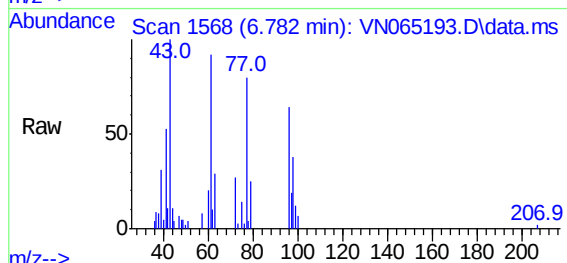




#1576 (-)  
cis-1,2-Dichloroethene  
Concen: 5.16 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

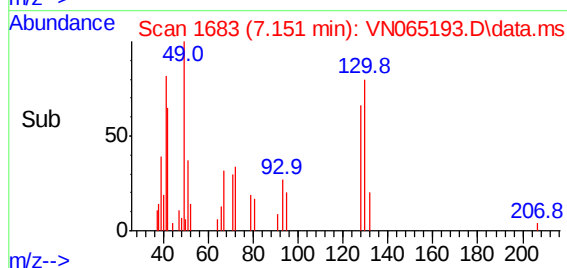
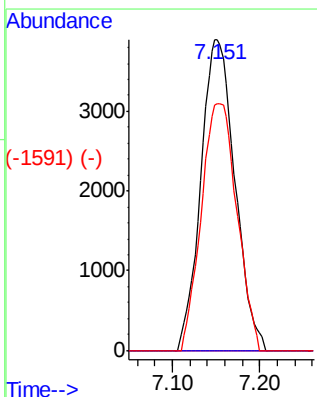
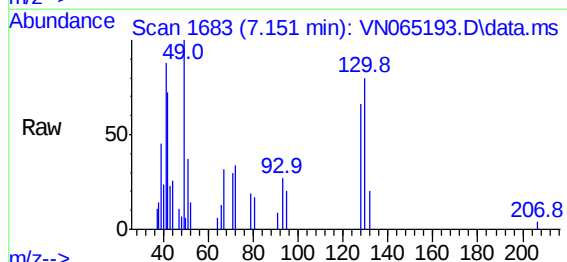
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

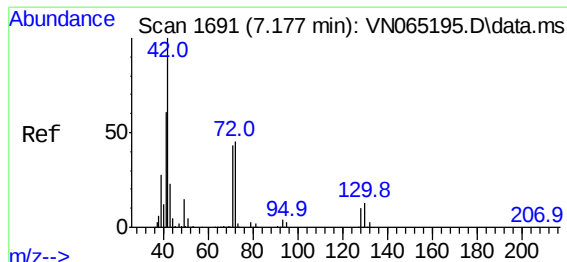
Tgt Ion: 96 Resp: 14837  
Ion Ratio Lower Upper  
96 100  
61 147.9 0.0 285.8  
98 65.4 0.0 130.6



#1683 (-)  
Bromochloromethane  
Concen: 5.06 ug/l  
RT: 7.151 min Scan# 1683  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 49 Resp: 10521  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 82.7 66.2 99.2

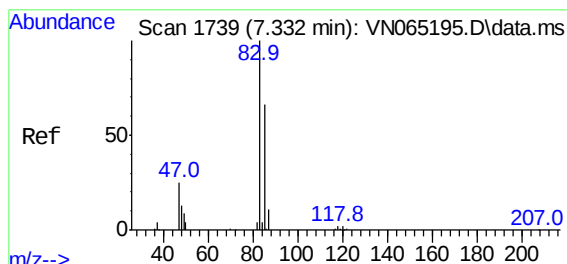
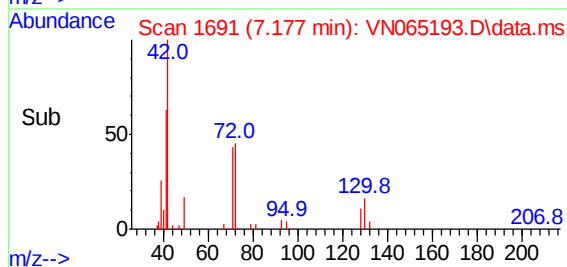
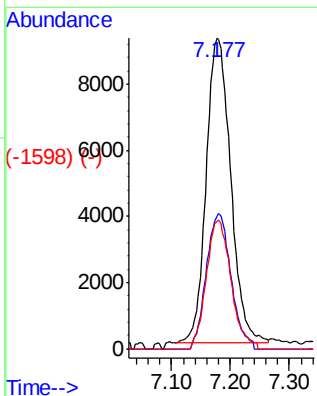
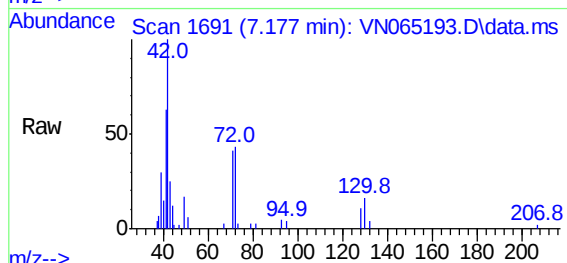




#1691 (-)  
Tetrahydrofuran  
Concen: 29.09 ug/l  
RT: 7.177 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

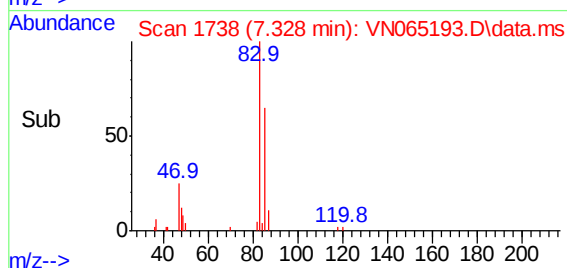
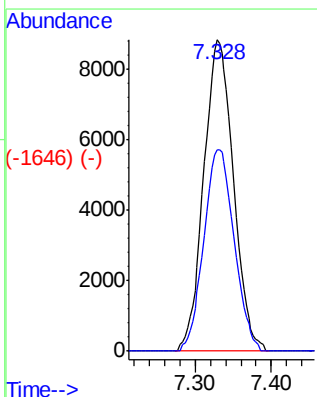
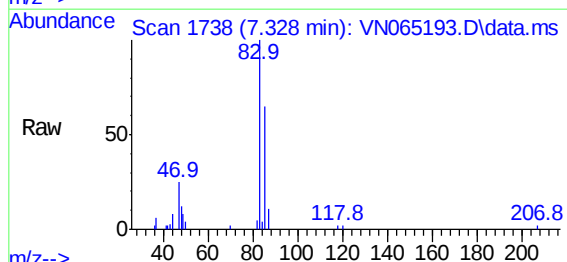
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

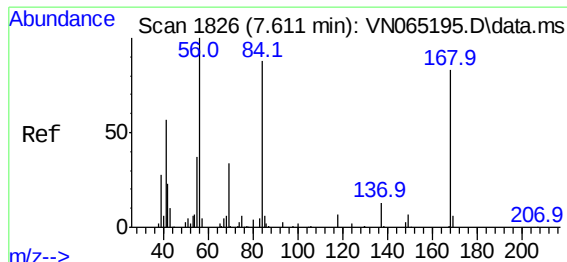
Tgt Ion: 42 Resp: 26448  
Ion Ratio Lower Upper  
42 100  
72 44.6 36.6 54.8  
71 42.5 33.6 50.4



#1739 (-)  
Chloroform  
Concen: 4.77 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 83 Resp: 23836  
Ion Ratio Lower Upper  
83 100  
85 64.5 52.6 78.8

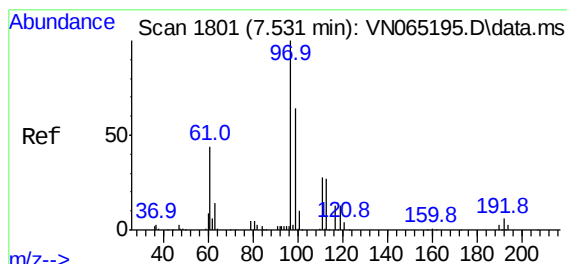
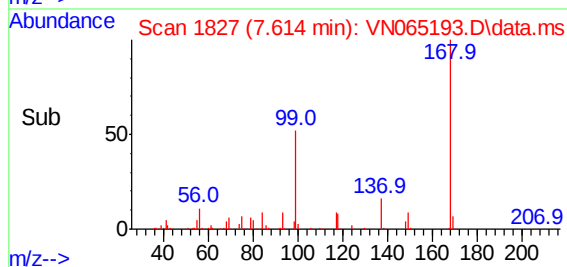
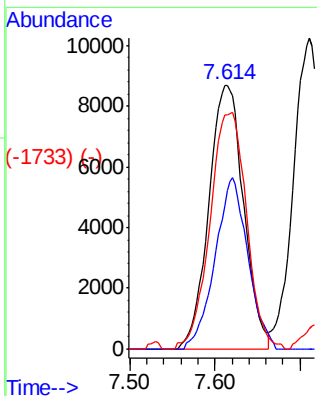
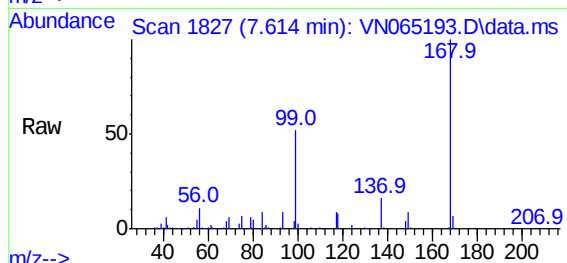




#185 (-)  
Cyclohexane  
Concen: 5.94 ug/l  
RT: 7.614 min Scan# 1827  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

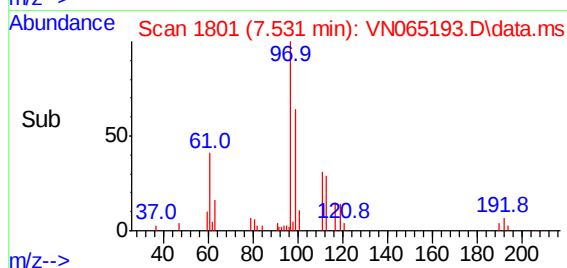
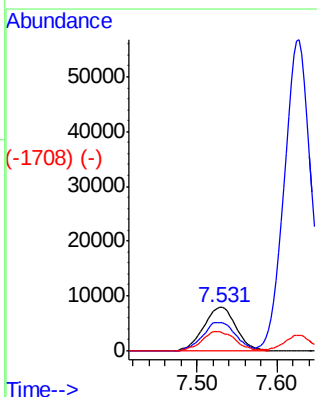
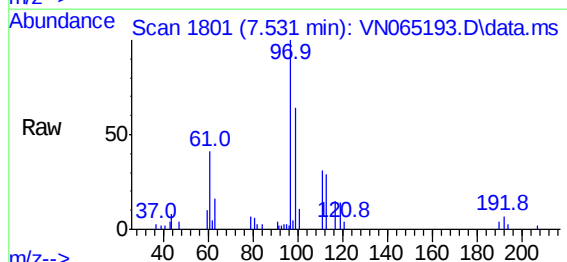
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

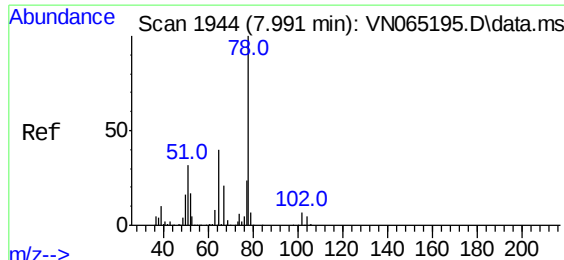
Tgt Ion: 56 Resp: 24705  
Ion Ratio Lower Upper  
56 100  
69 59.8 27.5 41.3#  
84 88.8 73.9 110.9



#182 (-)  
1,1,1-Trichloroethane  
Concen: 4.77 ug/l  
RT: 7.531 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 97 Resp: 21331  
Ion Ratio Lower Upper  
97 100  
99 65.8 51.7 77.5  
61 44.6 33.9 50.9

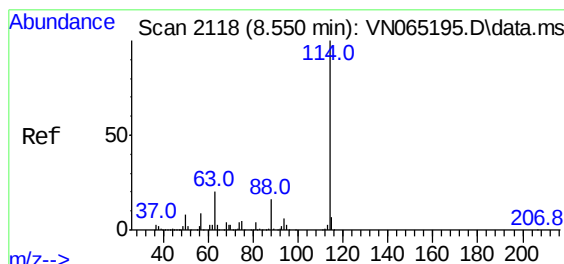
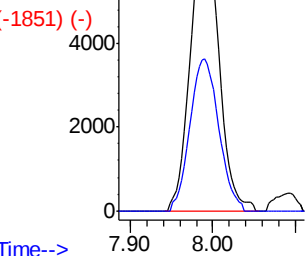
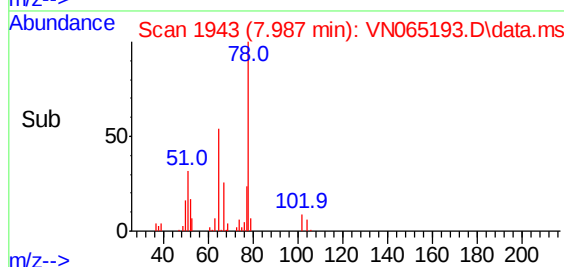
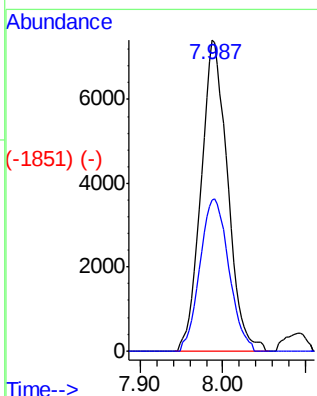
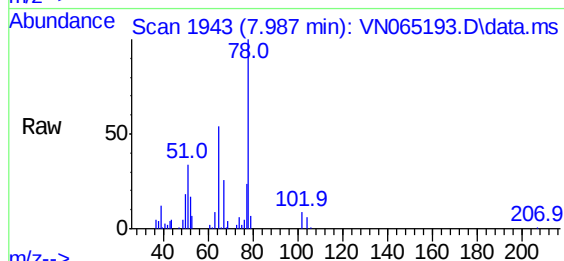




#1926 (-)  
1,2-Dichloroethane-d4  
Concen: 5.38 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

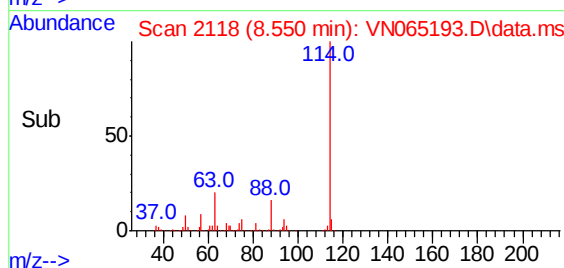
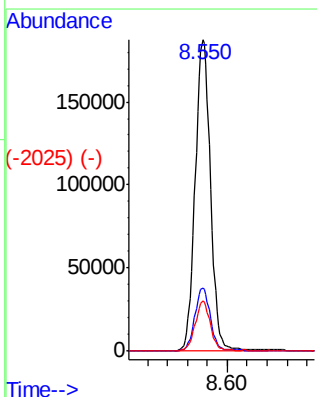
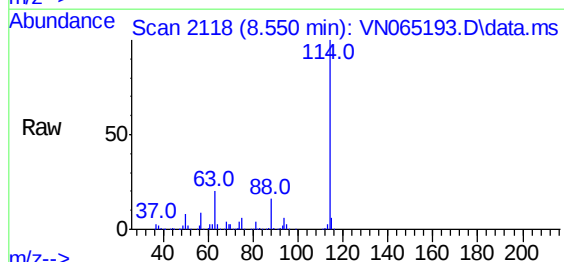
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

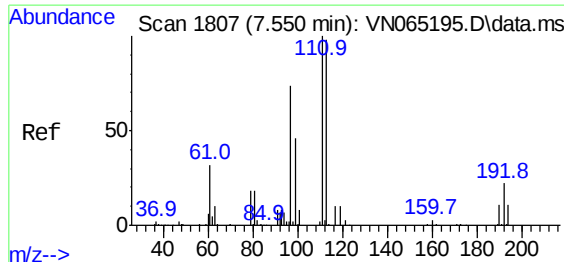
Tgt Ion: 65 Resp: 16517  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 108.2



#2301 (-)  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 114 Resp: 396999  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 38.6  
88 15.8 0.0 32.6

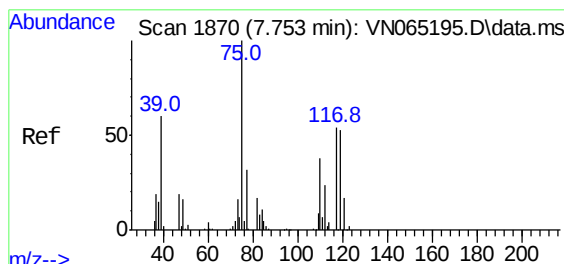
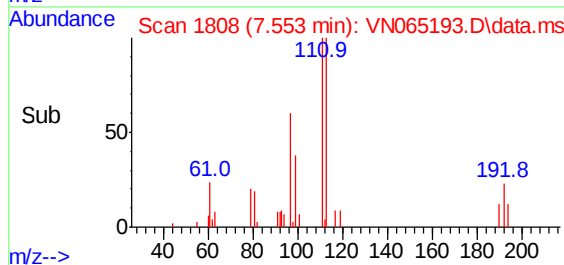
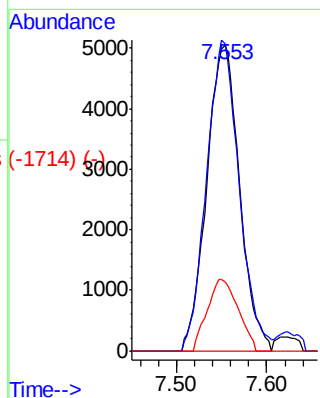
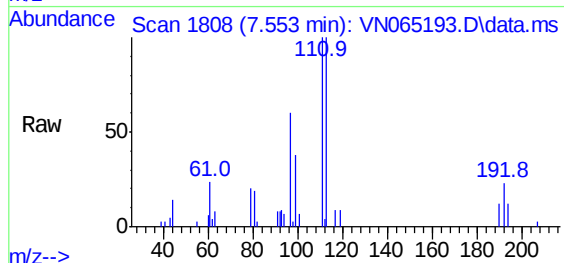




#35 (-)  
Dibromofluoromethane  
Concen: 4.69 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

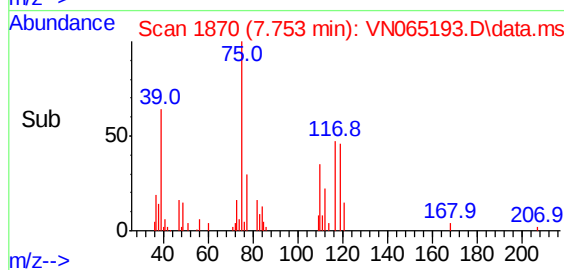
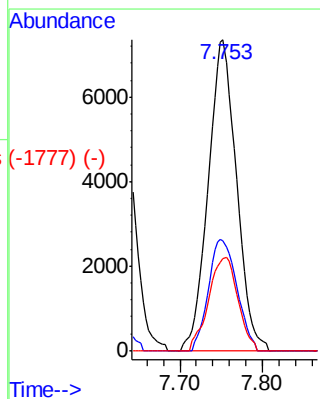
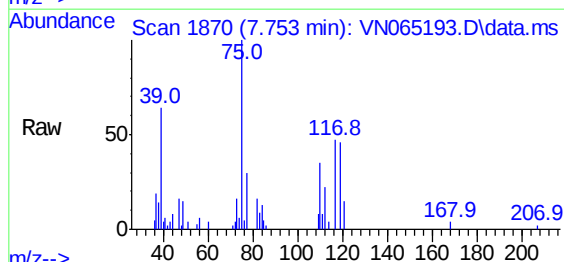
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

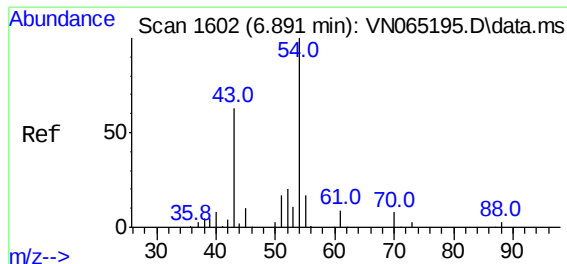
Tgt Ion:113 Resp: 12721  
Ion Ratio Lower Upper  
113 100  
111 100.7 81.6 122.4  
192 22.0 16.2 24.2



#36 (-)  
1,1-Dichloropropene  
Concen: 4.64 ug/l  
RT: 7.753 min Scan# 1870  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 75 Resp: 17351  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.8 53.3  
77 31.0 25.0 37.4

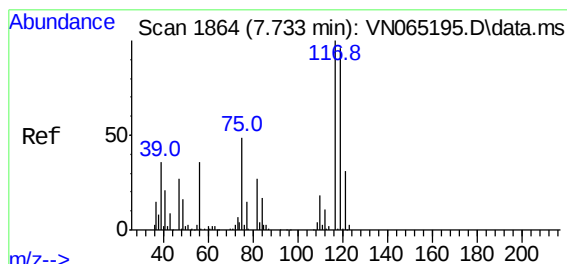
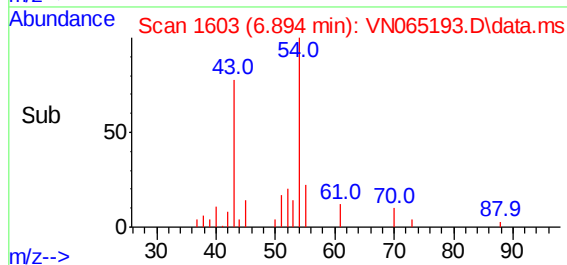
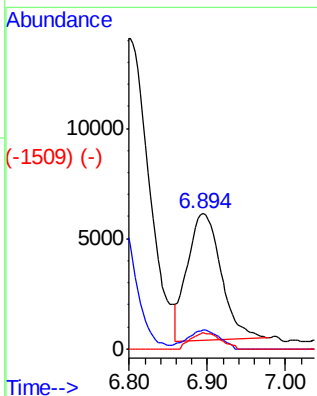
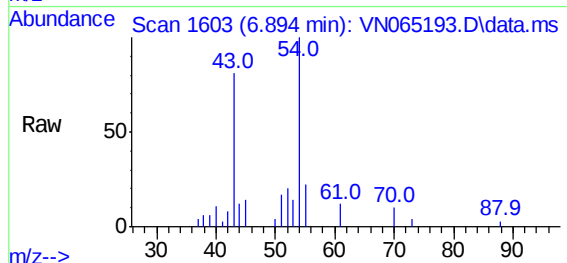




#191 (-)  
Ethyl Acetate  
Concen: 5.24 ug/l  
RT: 6.894 min Scan# 1603  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

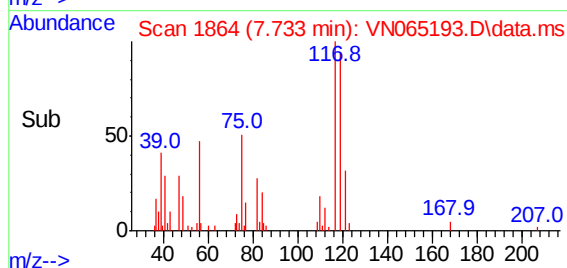
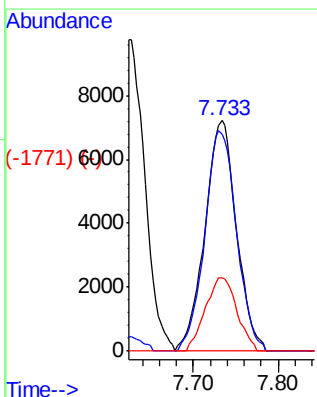
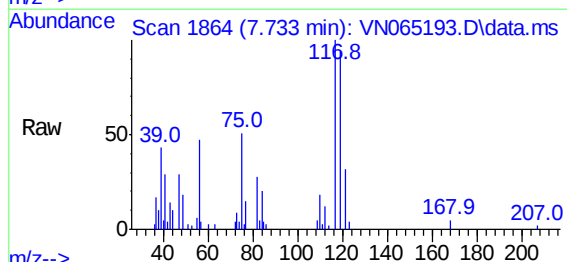
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

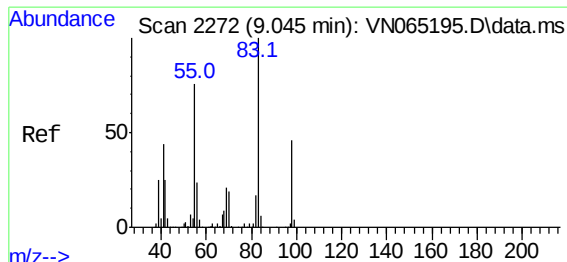
Tgt Ion: 43 Resp: 17193  
Ion Ratio Lower Upper  
43 100  
61 14.4 12.8 19.2  
70 11.0 8.8 13.2



#186 (-)  
Carbon Tetrachloride  
Concen: 4.35 ug/l  
RT: 7.733 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 117 Resp: 18519  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.7 115.1  
121 31.7 25.4 38.2

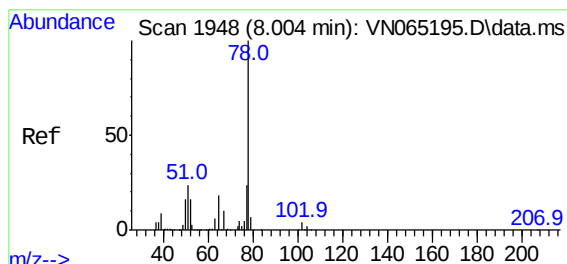
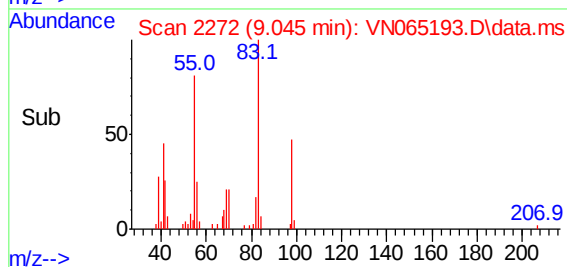
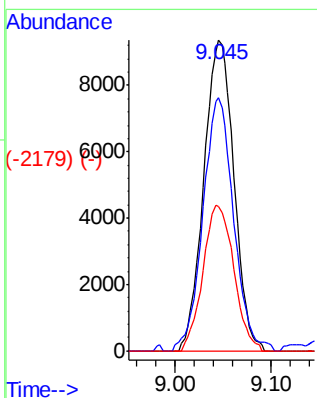
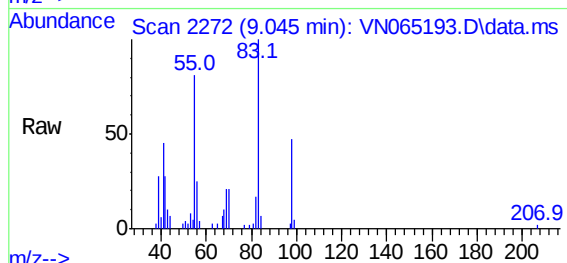




#225 (-)  
Methylcyclohexane  
Concen: 4.92 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

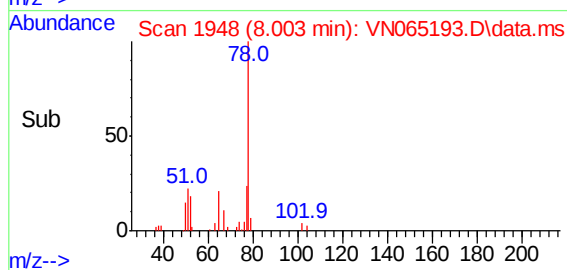
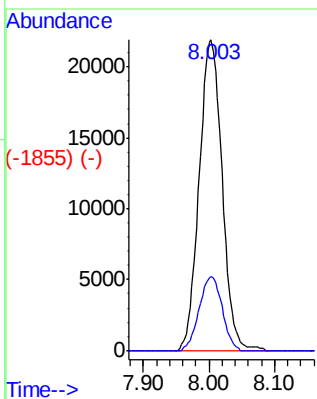
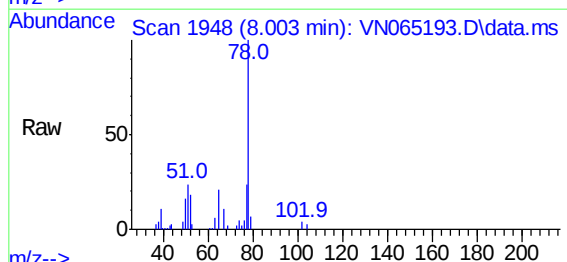
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

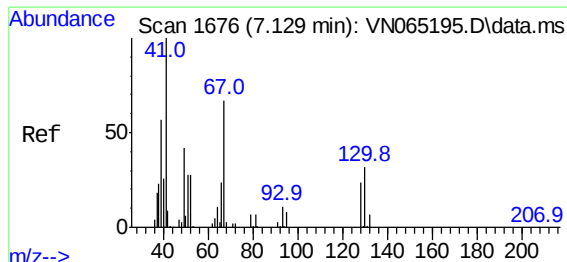
Tgt Ion: 83 Resp: 20283  
Ion Ratio Lower Upper  
83 100  
55 79.7 60.2 90.2  
98 46.6 37.4 56.2



#198 (-)  
Benzene  
Concen: 4.85 ug/l  
RT: 8.003 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 78 Resp: 52947  
Ion Ratio Lower Upper  
78 100  
77 24.0 17.9 26.9



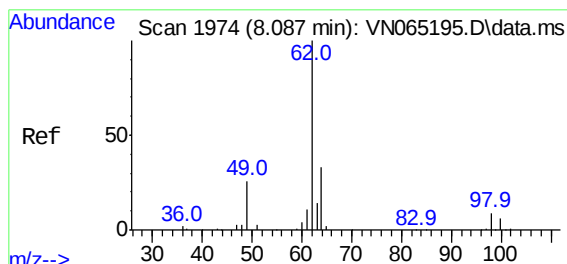
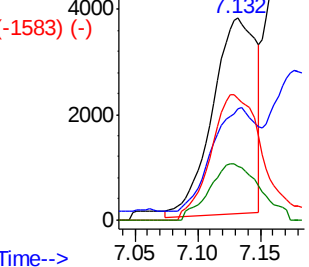
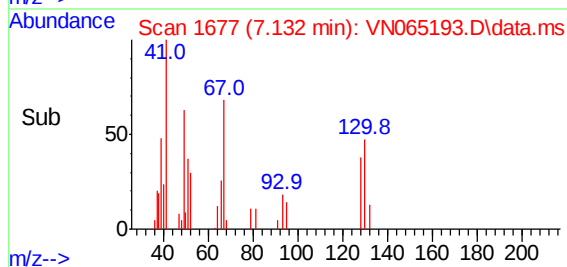
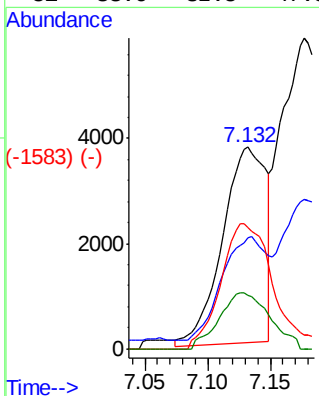
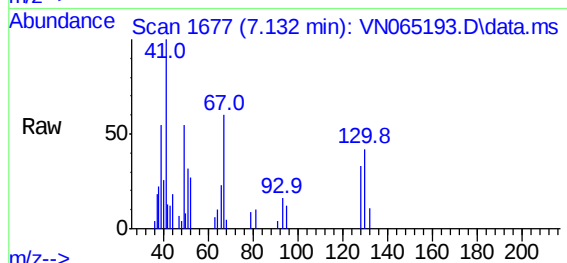


#410 (-)  
Methacrylonitrile  
Concen: 5.70 ug/l  
RT: 7.132 min Scan# 1677  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 41 Resp: 8871

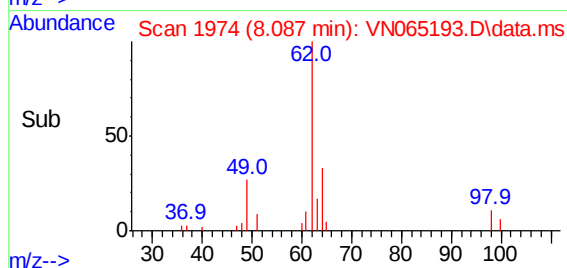
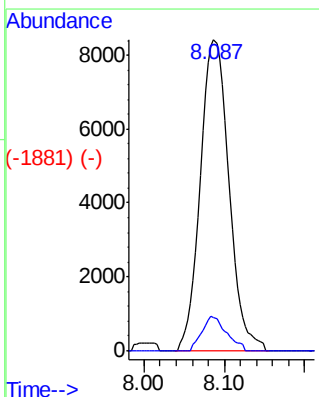
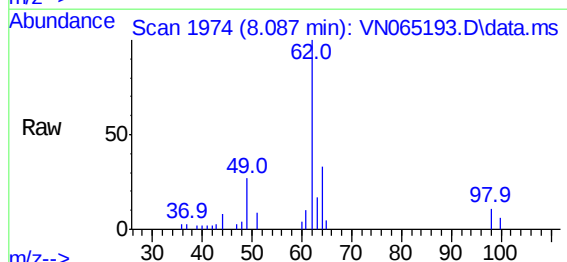
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 39  | 60.2  | 51.0  | 76.6   |
| 67  | 77.1  | 79.8  | 119.8# |
| 52  | 33.6  | 31.5  | 47.3   |

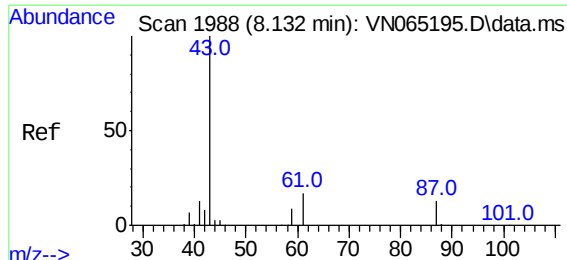


#498 (-)  
1,2-Dichloroethane  
Concen: 5.09 ug/l  
RT: 8.087 min Scan# 1974  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 62 Resp: 20245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 19.6  |

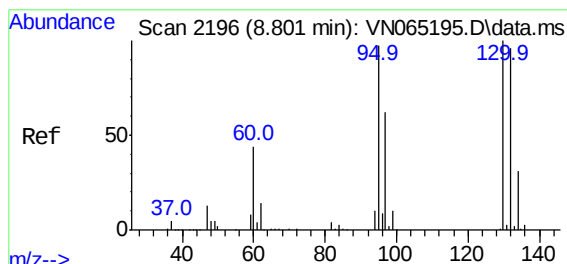
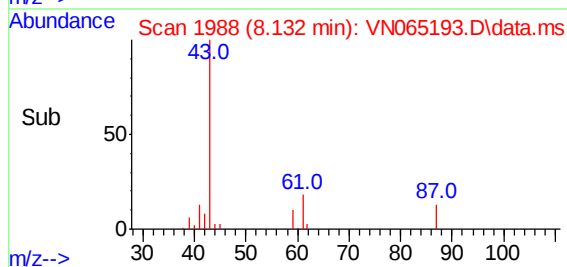
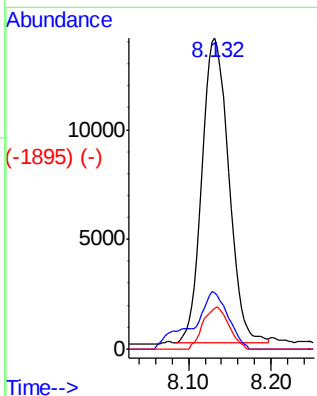
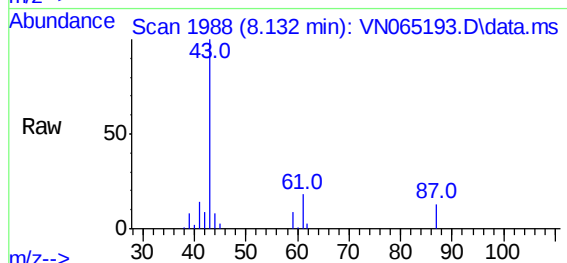




#438 (-)  
Isopropyl Acetate  
Concen: 5.79 ug/l  
RT: 8.132 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

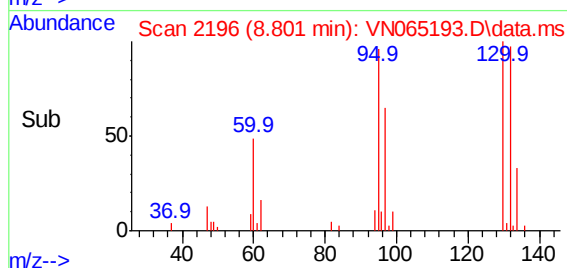
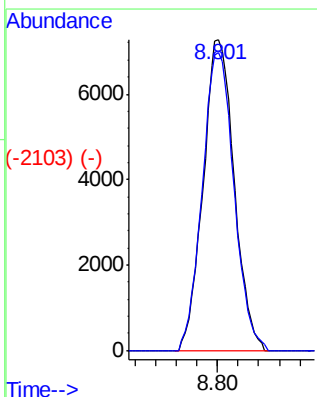
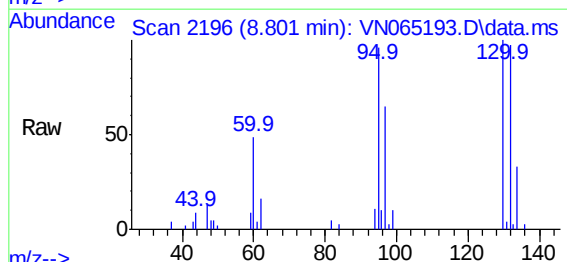
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

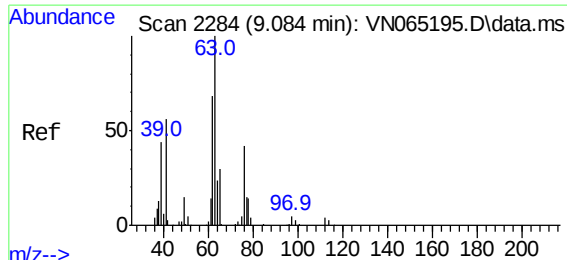
Tgt Ion: 43 Resp: 31405  
Ion Ratio Lower Upper  
43 100  
61 24.5 17.2 25.8  
87 13.0 11.4 17.0



#440 (-)  
Trichloroethene  
Concen: 4.68 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 130 Resp: 15204  
Ion Ratio Lower Upper  
130 100  
95 95.8 0.0 197.8

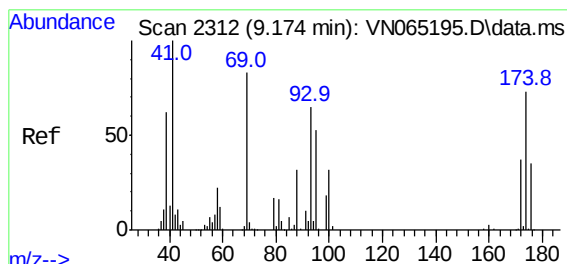
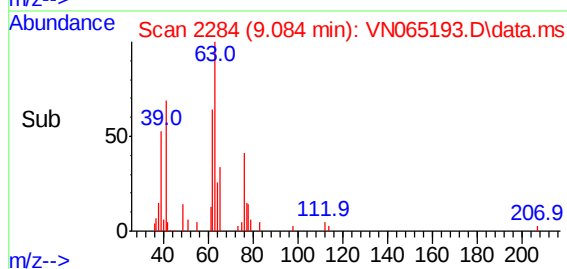
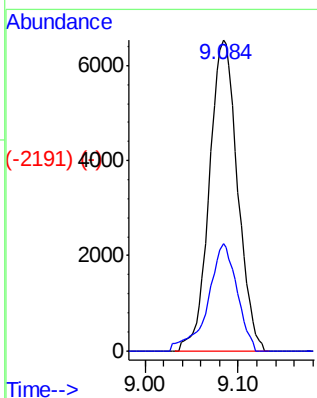
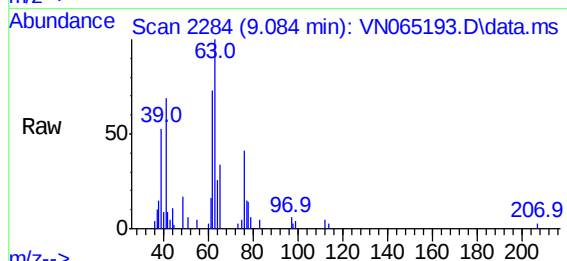




#452 (-)  
1,2-Dichloropropane  
Concen: 4.76 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

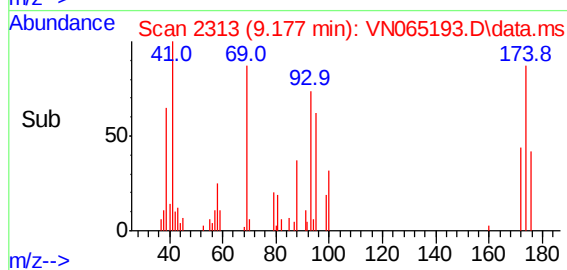
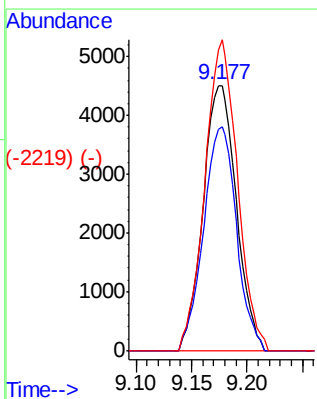
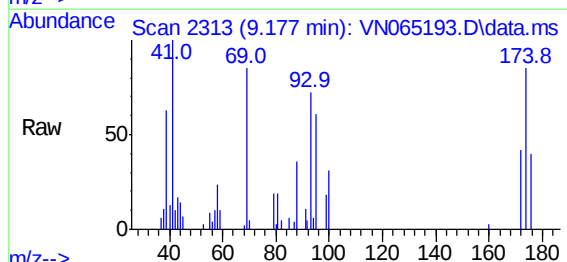
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

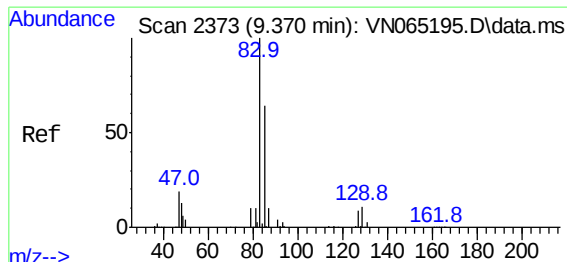
Tgt Ion: 63 Resp: 13753  
Ion Ratio Lower Upper  
63 100  
65 34.4 25.0 37.4



#457 (-)  
Dibromomethane  
Concen: 4.77 ug/l  
RT: 9.177 min Scan# 2313  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 93 Resp: 9357  
Ion Ratio Lower Upper  
93 100  
95 83.8 68.8 103.2  
174 115.0 83.1 124.7

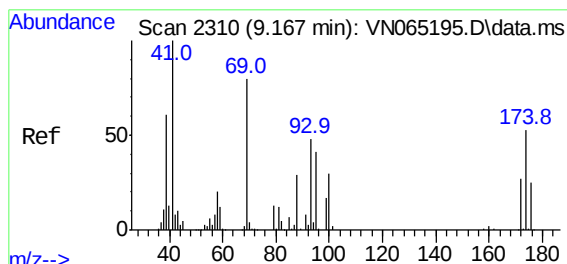
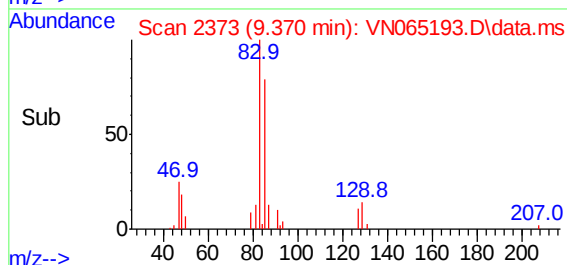
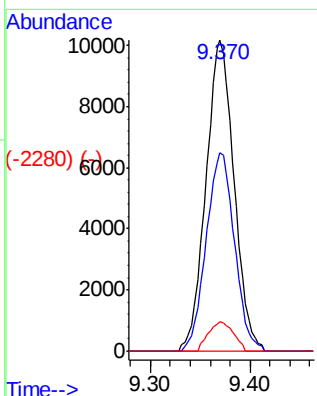
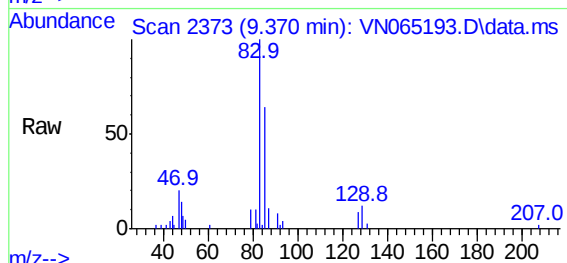




#457 (-)  
Bromodichloromethane  
Concen: 4.89 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

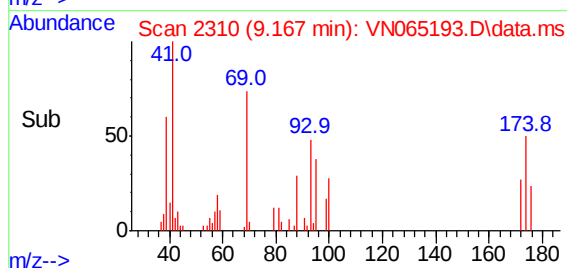
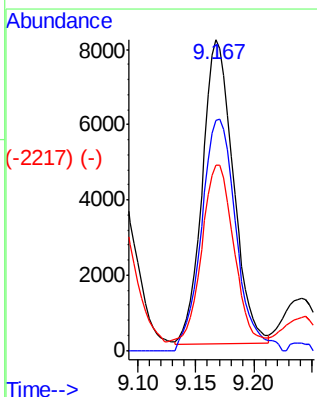
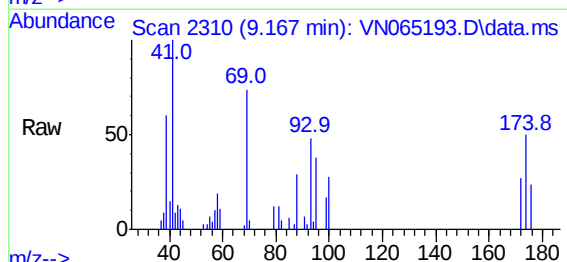
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

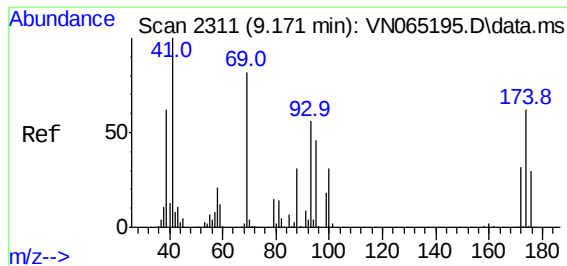
Tgt Ion: 83 Resp: 19858  
Ion Ratio Lower Upper  
83 100  
85 63.7 51.8 77.8  
127 9.2 6.8 10.2



#458 (-)  
Methyl methacrylate  
Concen: 5.75 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 41 Resp: 15015  
Ion Ratio Lower Upper  
41 100  
69 84.5 71.8 107.8  
39 66.5 44.1 66.1#

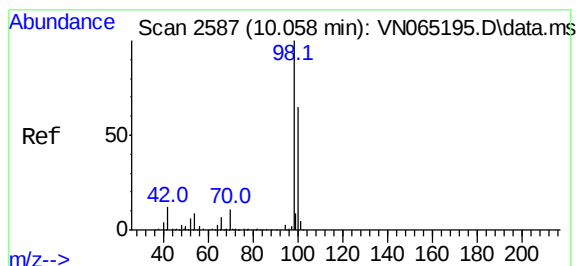
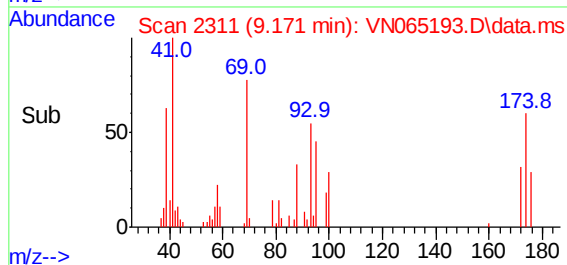
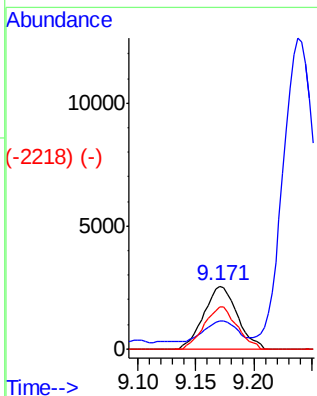
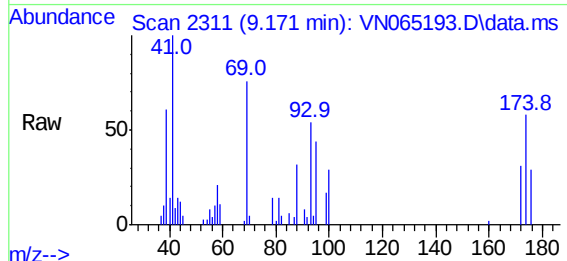




#2297 (-)  
1,4-Dioxane  
Concen: 129.17 ug/l  
RT: 9.171 min Scan# 2311  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

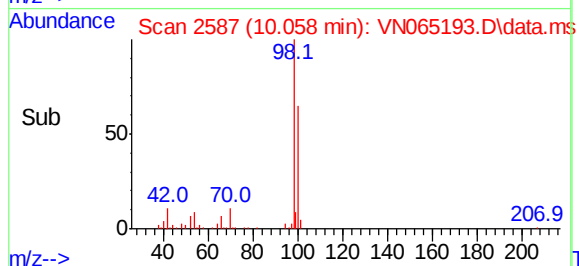
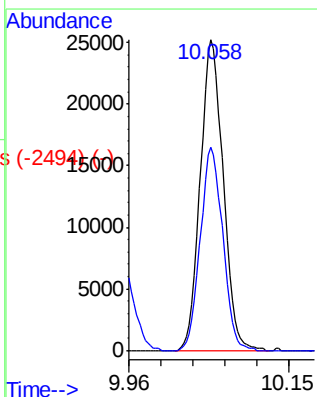
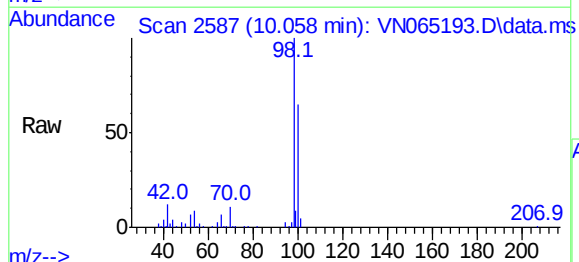
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

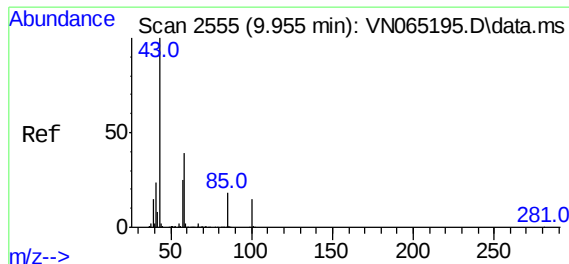
Tgt Ion: 88 Resp: 5058  
Ion Ratio Lower Upper  
88 100  
43 32.4 24.2 36.4  
58 65.7 52.5 78.7



#22971 (-)  
Toluene-d8  
Concen: 4.87 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 98 Resp: 47170  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.7 77.5



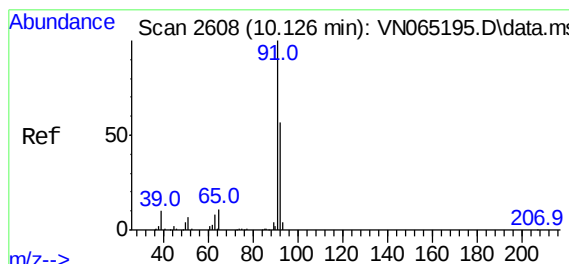
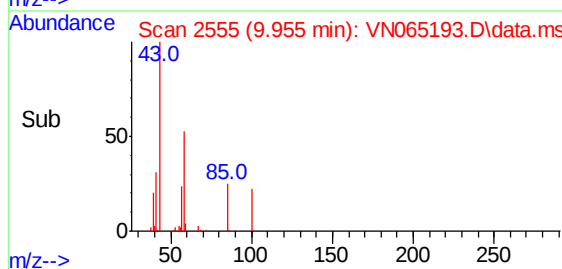
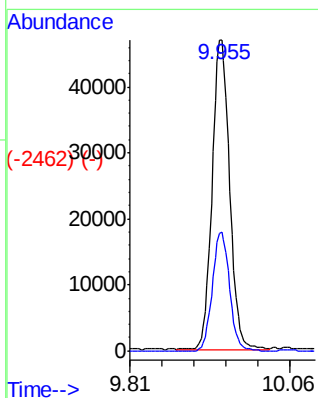
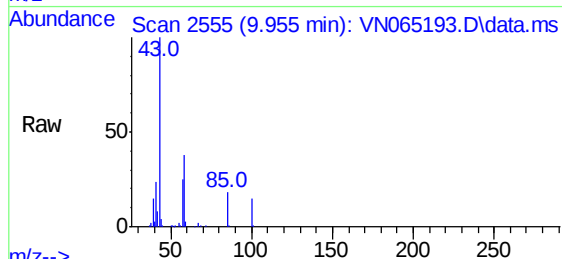


#518 (-)  
 4-Methyl-2-Pentanone  
 Concen: 28.12 ug/l  
 RT: 9.955 min Scan# 2555  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 43 Resp: 87664

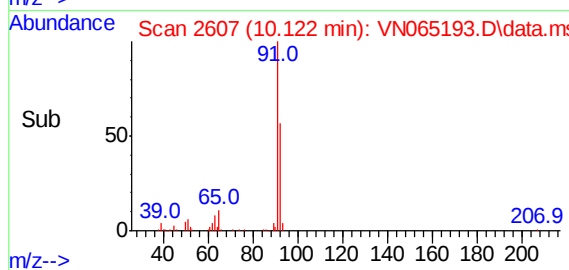
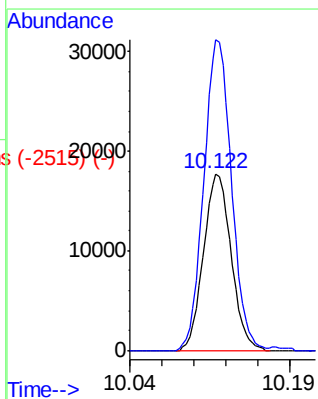
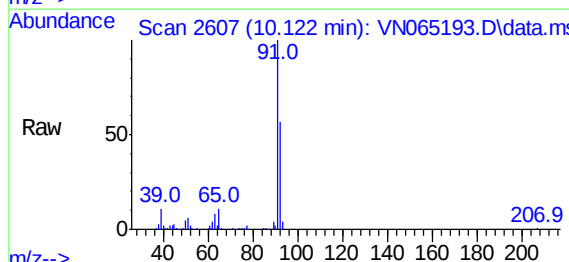
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 37.6  | 32.4  | 48.6  |

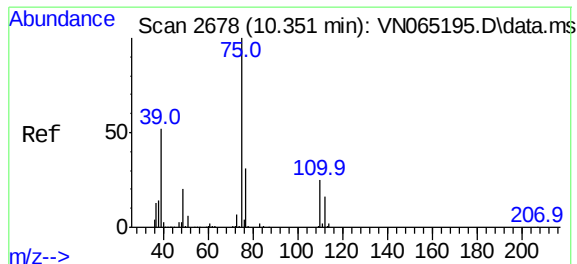


#519 (-)  
 Toluene  
 Concen: 4.88 ug/l  
 RT: 10.122 min Scan# 2607  
 Delta R.T. -0.003 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

Tgt Ion: 92 Resp: 32873

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 92  | 100   |       |       |
| 91  | 176.3 | 139.1 | 208.7 |



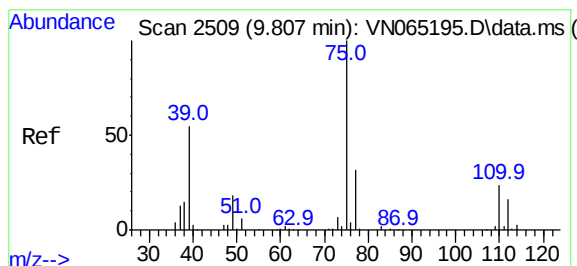
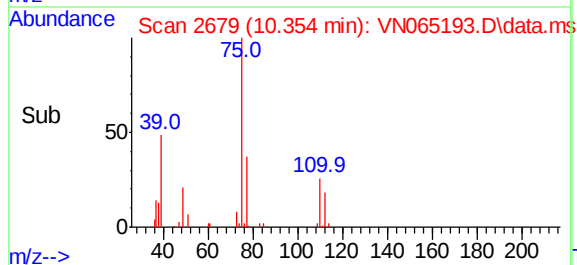
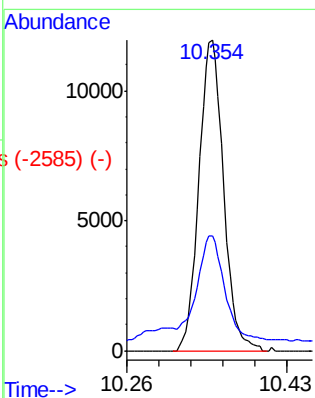
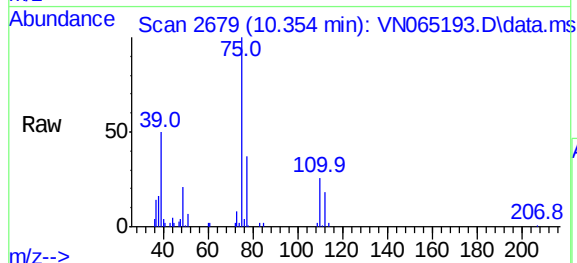


#2664 (-)  
 t-1,3-Dichloropropene  
 Concen: 5.18 ug/l  
 RT: 10.354 min Scan# 2679  
 Delta R.T. 0.003 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

Tgt Ion: 75 Resp: 21878  

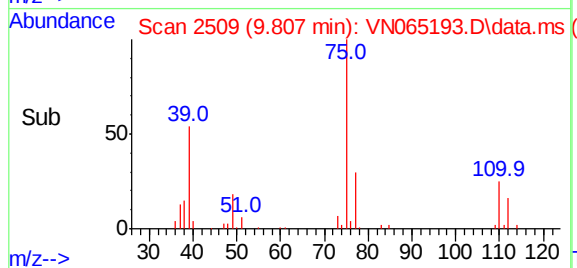
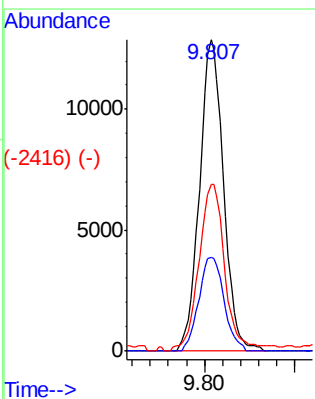
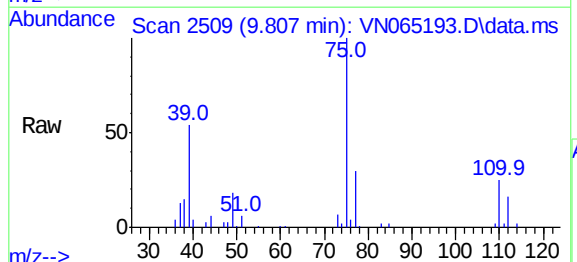
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.4  | 25.8  | 38.6  |

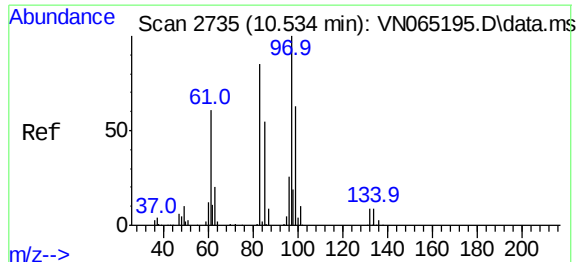


#2544 (-)  
 cis-1,3-Dichloropropene  
 Concen: 5.26 ug/l  
 RT: 9.807 min Scan# 2509  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

Tgt Ion: 75 Resp: 23457  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 30.1  | 25.5  | 38.3  |
| 39  | 52.4  | 35.6  | 53.4  |



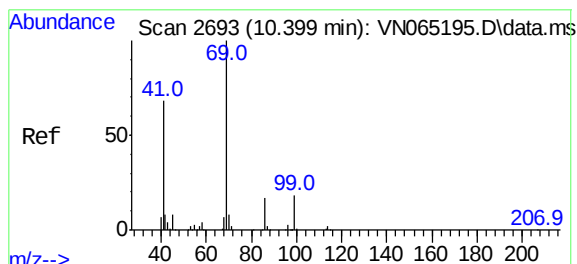
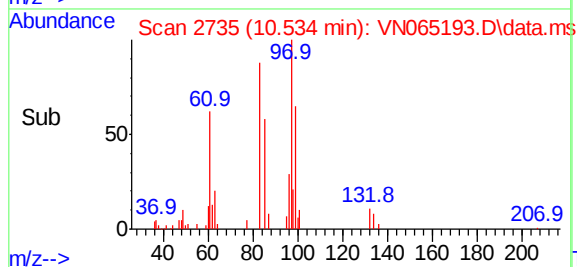
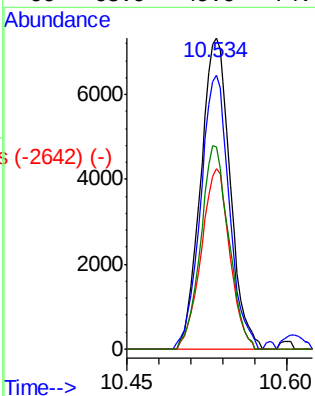
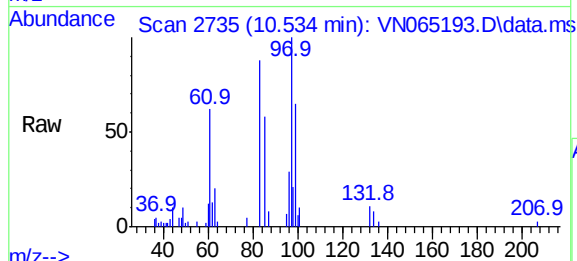


#5520 (-)  
1,1,2-Trichloroethane  
Concen: 4.93 ug/l  
RT: 10.534 min Scan# 2735  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 97 Resp: 13430

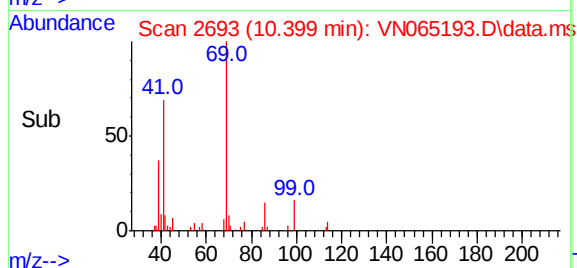
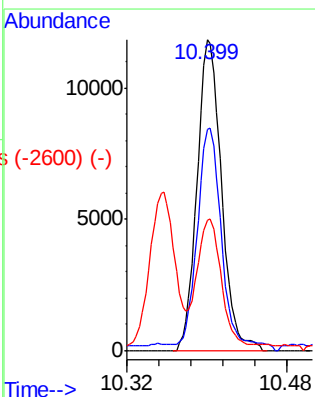
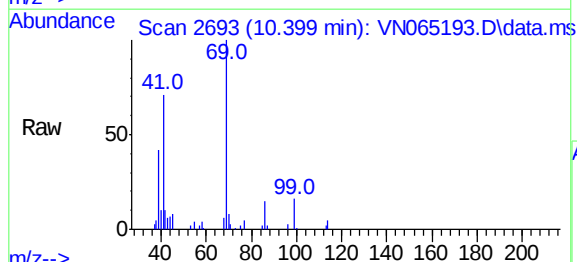
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.3  | 72.1  | 108.1 |
| 85  | 58.2  | 46.8  | 70.2  |
| 99  | 65.0  | 49.6  | 74.4  |

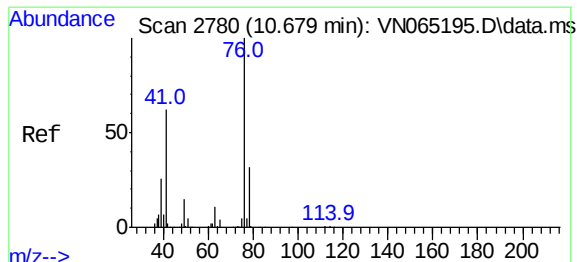


#5679 (-)  
Ethyl methacrylate  
Concen: 6.06 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 69 Resp: 20785

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.3  | 49.4  | 74.0  |
| 39  | 41.1  | 25.9  | 38.9  |

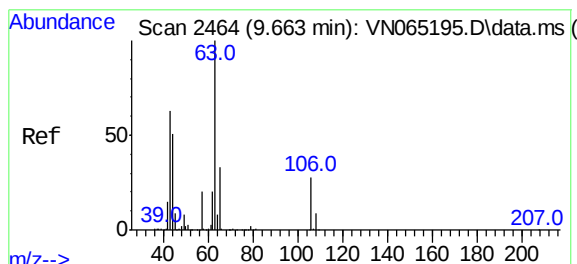
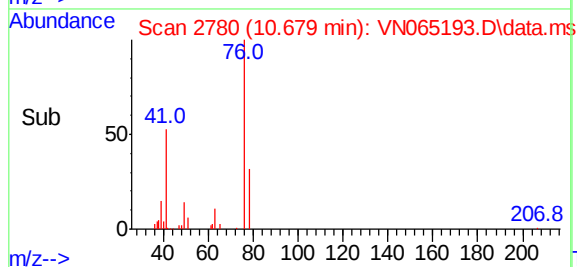
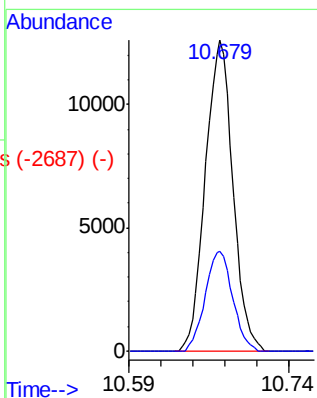
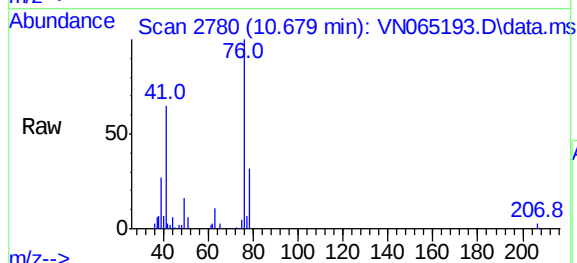




#5765 (-)  
1,3-Dichloropropane  
Concen: 5.04 ug/l  
RT: 10.679 min Scan# 2780  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

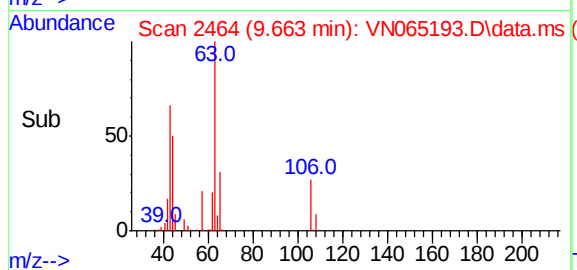
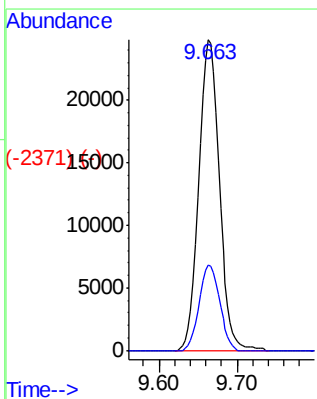
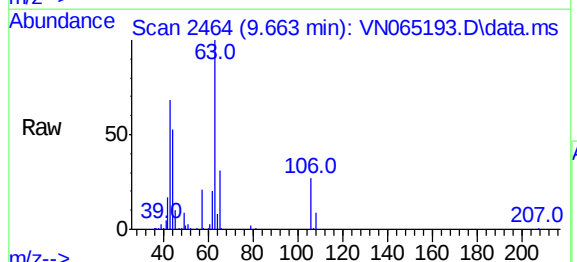
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

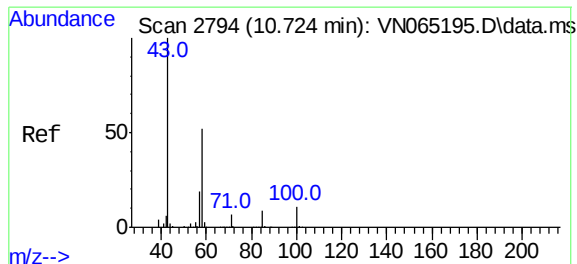
Tgt Ion: 76 Resp: 22383  
Ion Ratio Lower Upper  
76 100  
78 31.7 26.1 39.1



#5766 (-)  
2-Chloroethyl Vinyl ether  
Concen: 25.85 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 63 Resp: 45286  
Ion Ratio Lower Upper  
63 100  
106 27.4 22.7 34.1

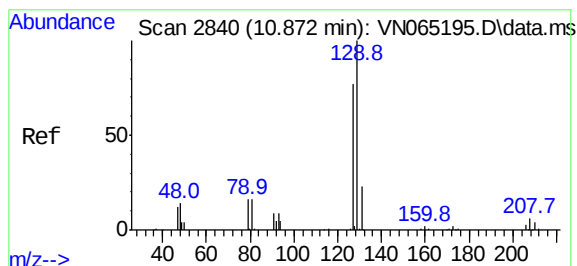
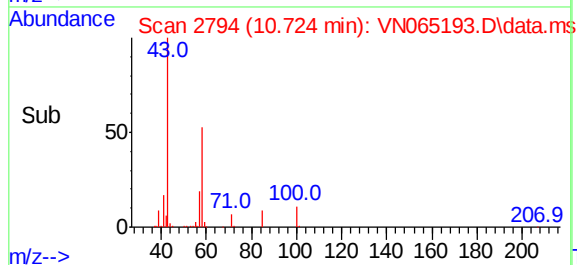
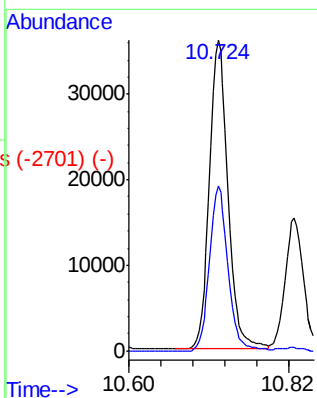
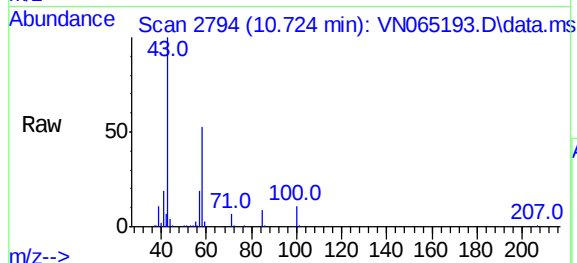




#5977 (-)  
2-Hexanone  
Concen: 28.73 ug/l  
RT: 10.724 min Scan# 2794  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

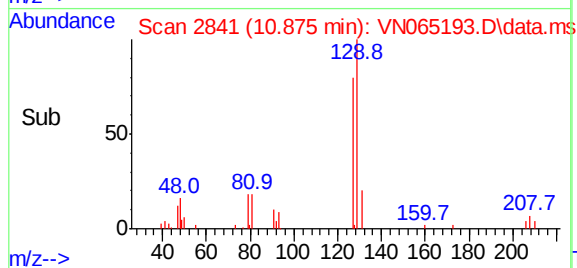
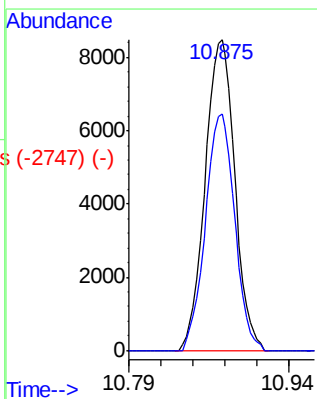
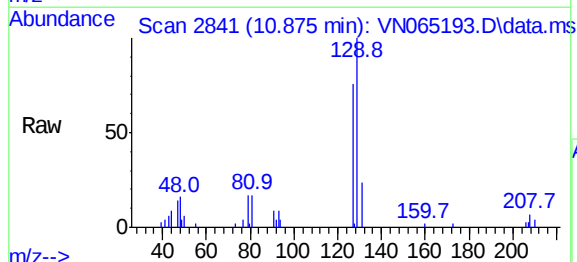
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

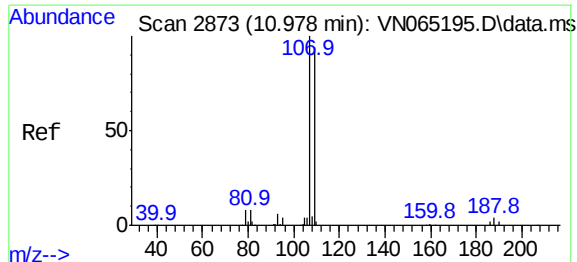
Tgt Ion: 43 Resp: 62555  
Ion Ratio Lower Upper  
43 100  
58 53.3 28.3 84.9



#6026 (-)  
Dibromochloromethane  
Concen: 4.91 ug/l  
RT: 10.875 min Scan# 2841  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 129 Resp: 15745  
Ion Ratio Lower Upper  
129 100  
127 75.1 39.1 117.2

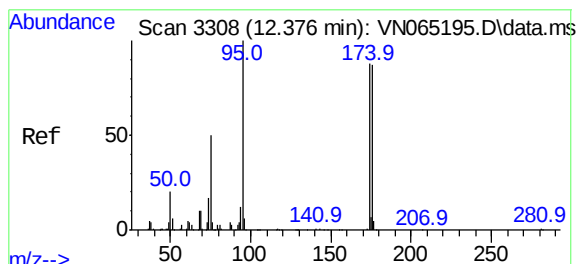
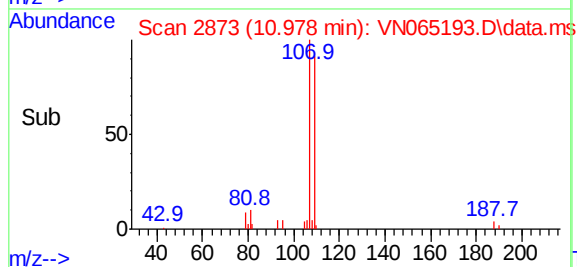
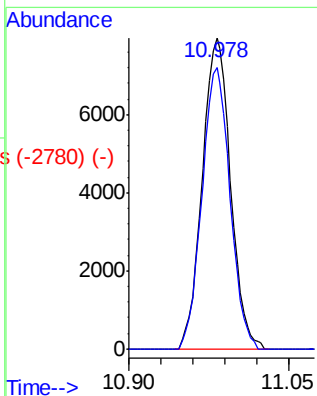
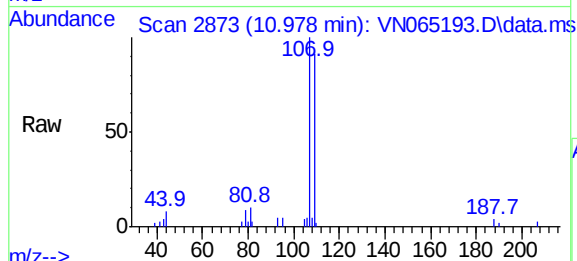




#6258 (-)  
1,2-Dibromoethane  
Concen: 5.13 ug/l  
RT: 10.978 min Scan# 2873  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

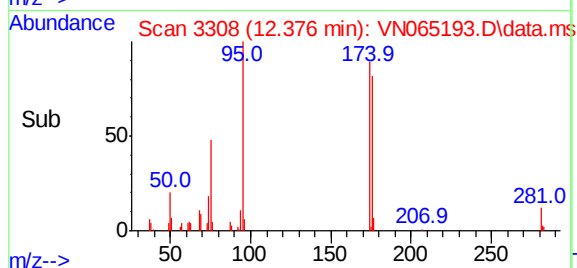
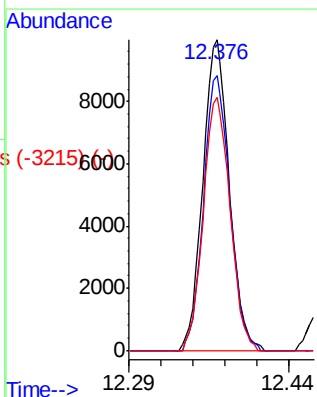
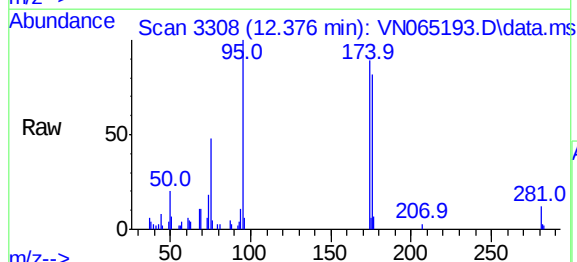
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

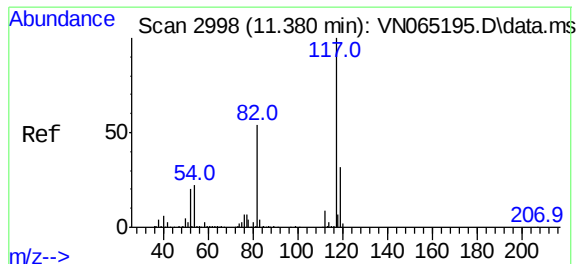
Tgt Ion:107 Resp: 14495  
Ion Ratio Lower Upper  
107 100  
109 89.8 76.0 114.0



#6294 (-)  
4-Bromofluorobenzene  
Concen: 5.01 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 95 Resp: 16942  
Ion Ratio Lower Upper  
95 100  
174 88.5 0.0 160.4  
176 82.3 0.0 158.4



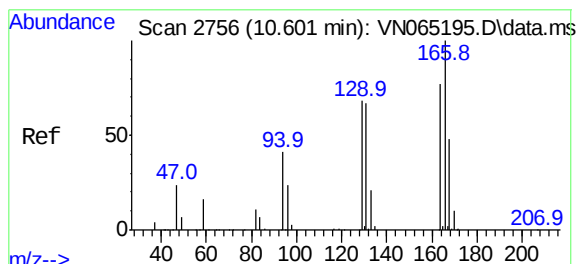
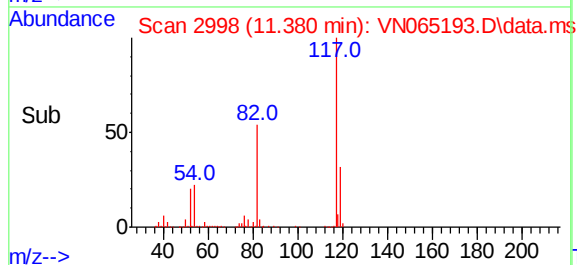
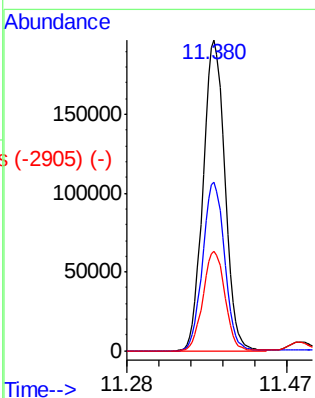
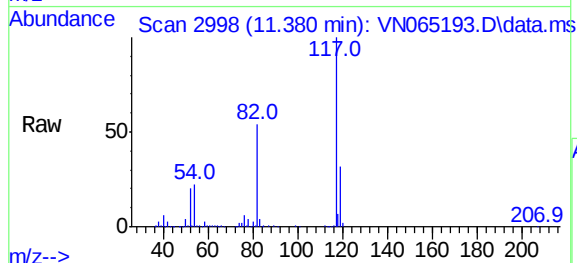


#2983 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:117 Resp: 350676

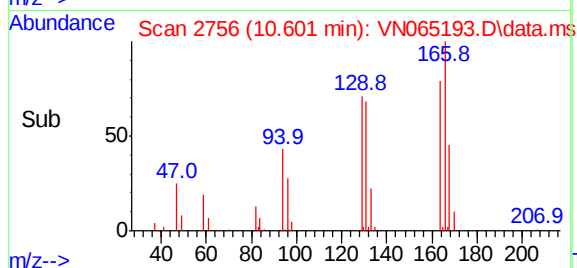
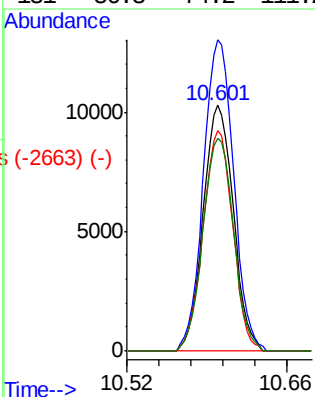
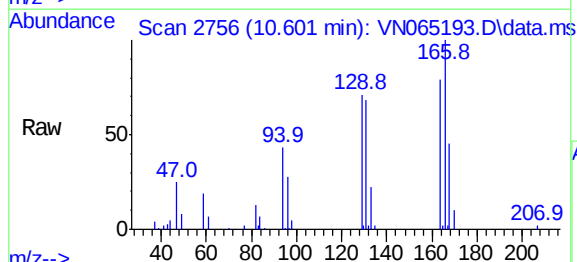
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 54.4  | 44.2  | 66.2  |
| 119 | 32.0  | 25.8  | 38.6  |

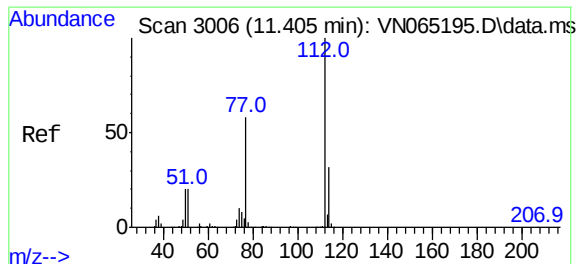


#2742 (-)  
Tetrachloroethene  
Concen: 5.38 ug/l  
RT: 10.601 min Scan# 2756  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion:164 Resp: 18489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 126.8 | 101.4 | 152.0 |
| 129 | 90.0  | 76.1  | 114.1 |
| 131 | 86.8  | 74.2  | 111.2 |

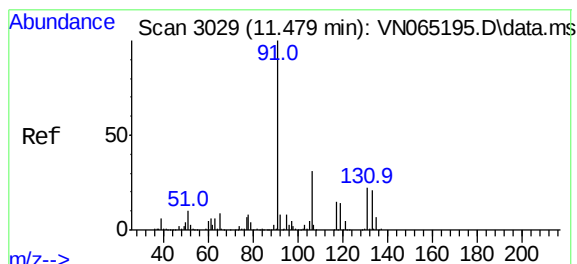
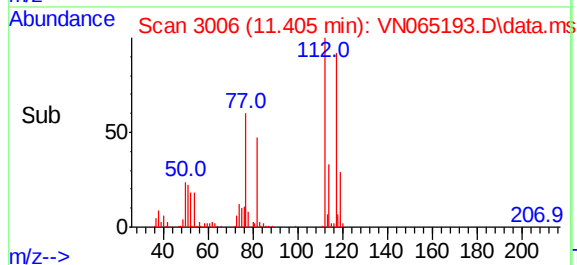
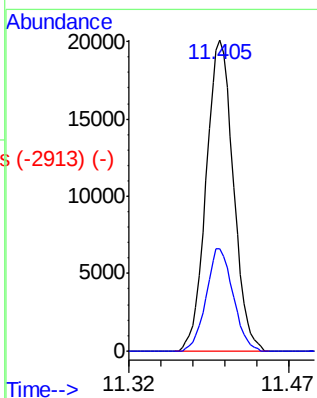
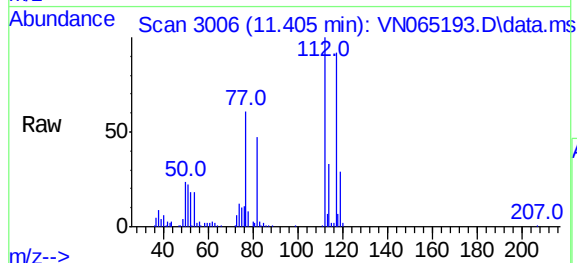




#651 (-)  
Chlorobenzene  
Concen: 4.80 ug/l  
RT: 11.405 min Scan# 3006  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

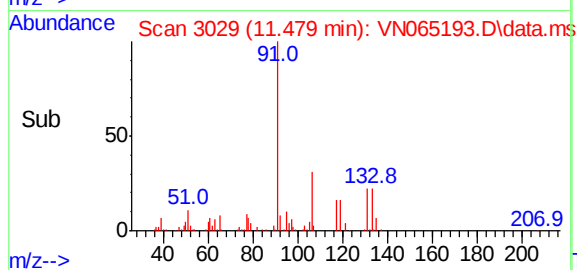
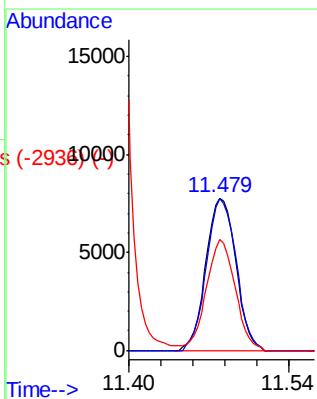
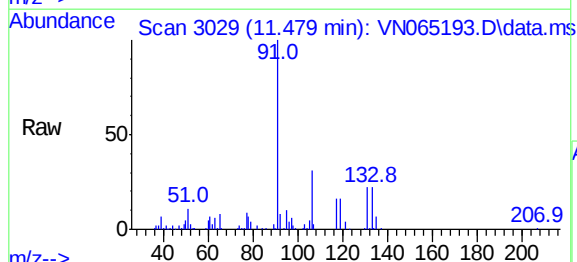
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

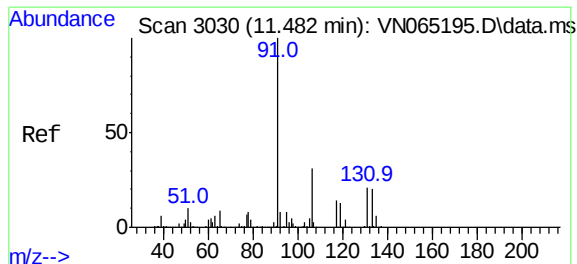
Tgt Ion:112 Resp: 35037  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.1 37.7



#6615 (-)  
1,1,1,2-Tetrachloroethane  
Concen: 4.78 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion:131 Resp: 13966  
Ion Ratio Lower Upper  
131 100  
133 98.9 47.5 142.5  
119 70.5 33.3 99.8

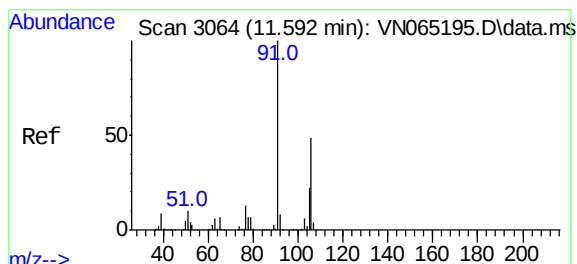
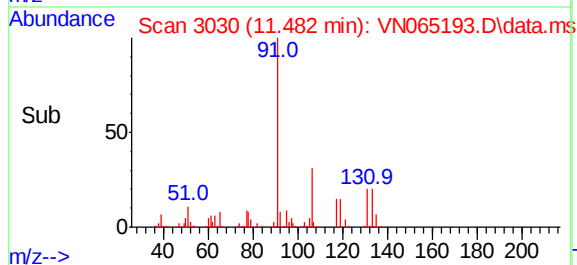
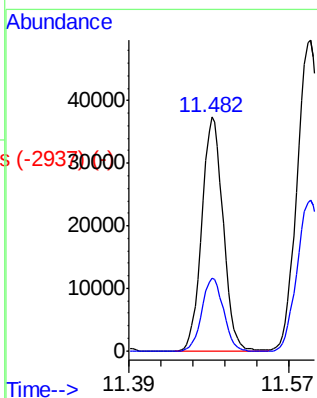
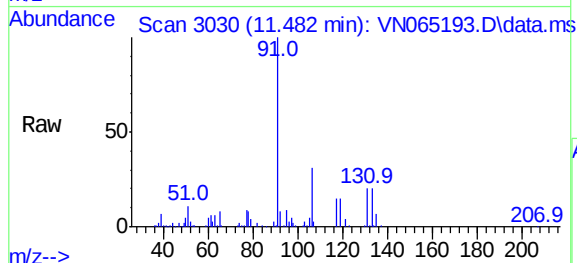




#6715 (-)  
Ethyl Benzene  
Concen: 5.17 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

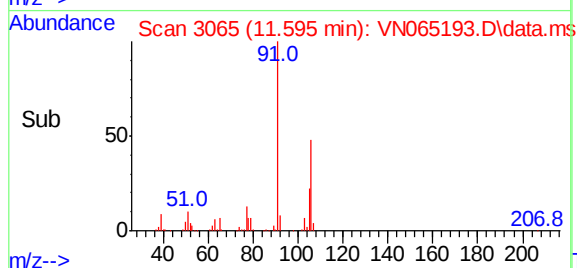
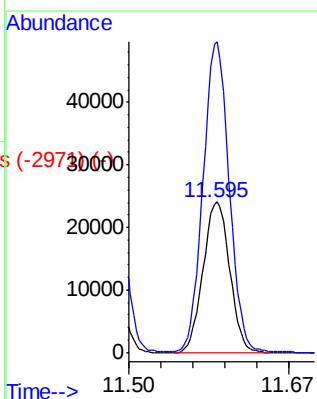
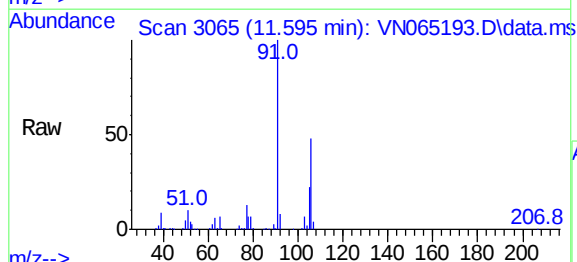
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC005

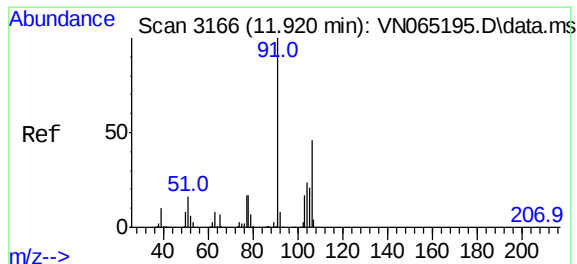
Tgt Ion: 91 Resp: 62998  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.2 37.8



#6048 (-)  
m/p-Xylenes  
Concen: 10.27 ug/l  
RT: 11.595 min Scan# 3065  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion:106 Resp: 47713  
Ion Ratio Lower Upper  
106 100  
91 201.3 161.0 241.4

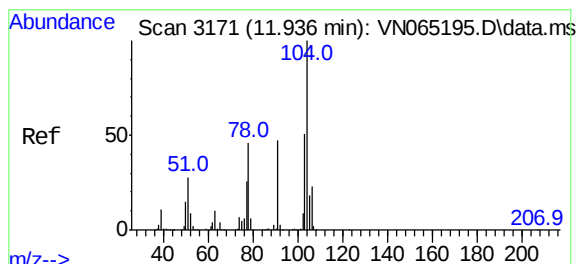
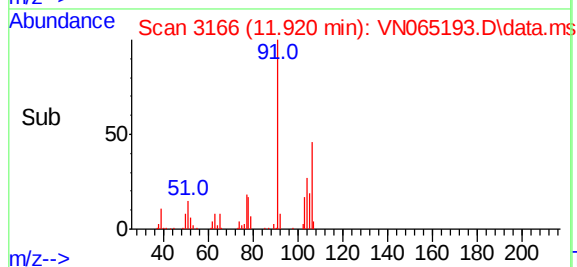
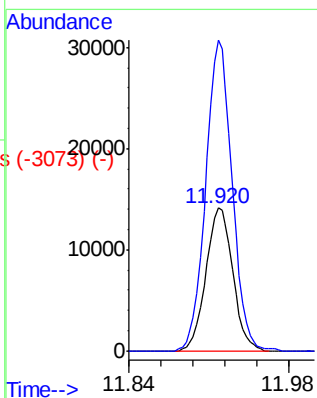
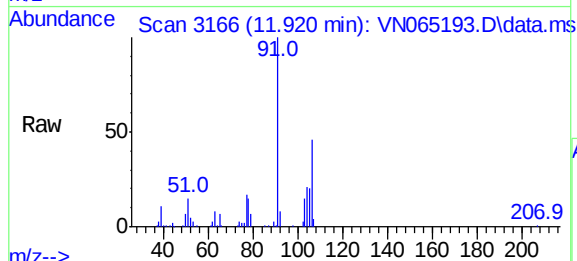




#3152 (-)  
o-Xylene  
Concen: 5.38 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

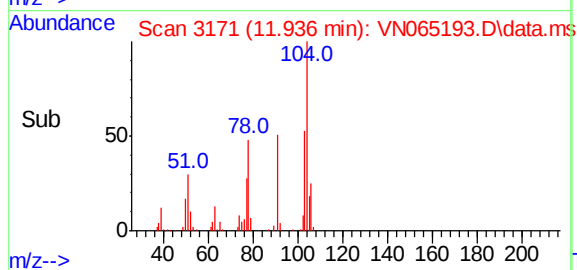
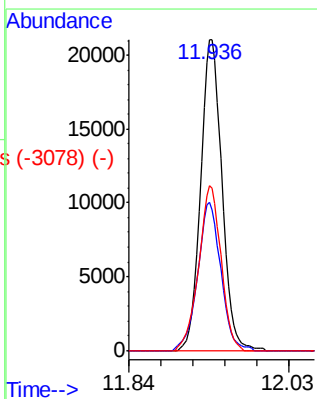
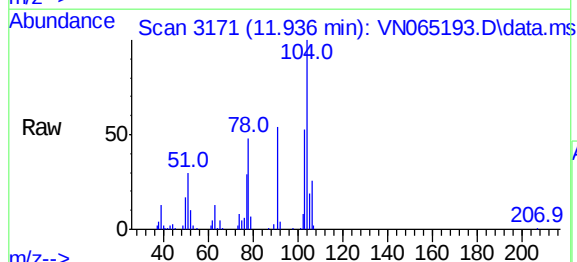
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

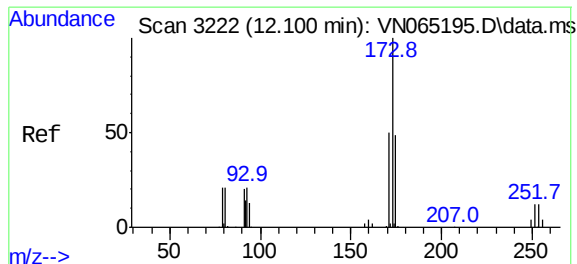
Tgt Ion:106 Resp: 23603  
Ion Ratio Lower Upper  
106 100  
91 214.4 105.5 316.5



#3155 (-)  
Styrene  
Concen: 5.22 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion:104 Resp: 37518  
Ion Ratio Lower Upper  
104 100  
78 51.7 39.0 58.6  
103 55.6 44.3 66.5

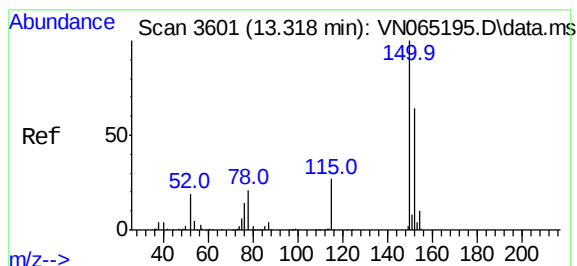
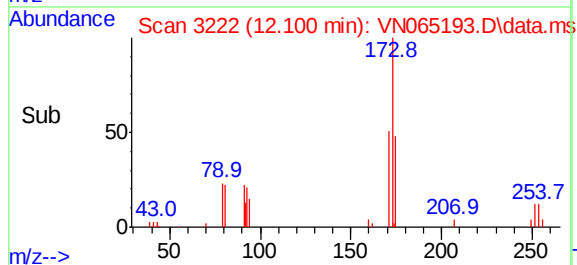
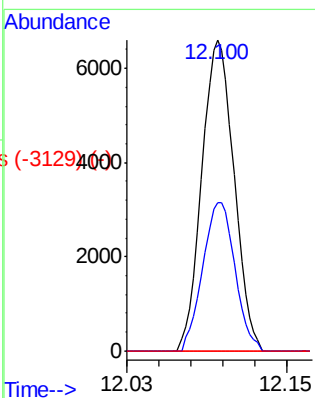
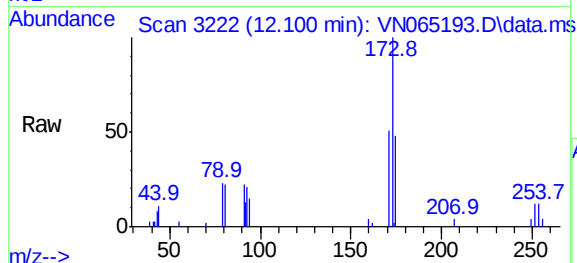




#3222 (-)  
Bromoform  
Concen: 5.22 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

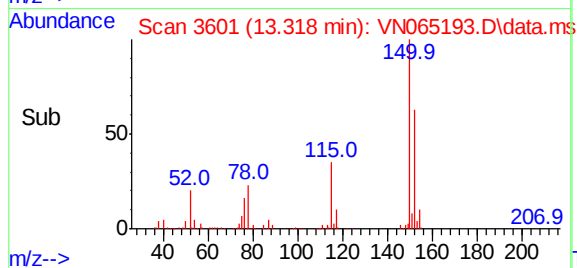
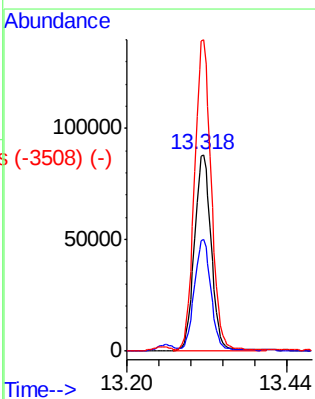
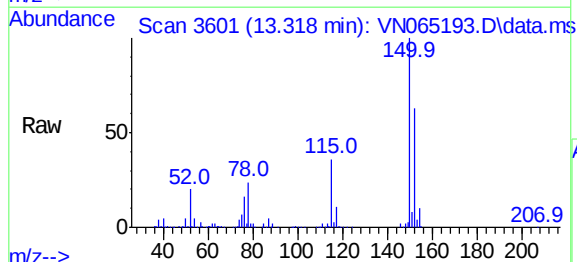
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

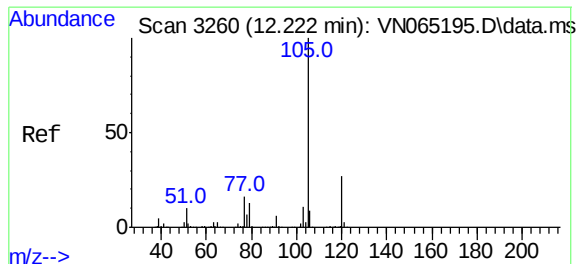
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 11710 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.7  | 24.3  | 72.8  |
| 254       | 0.0   | 0.0   | 0.0   |



#3601 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 150964 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 56.6  | 29.7  | 89.1   |
| 150       | 158.0 | 0.0   | 350.6  |

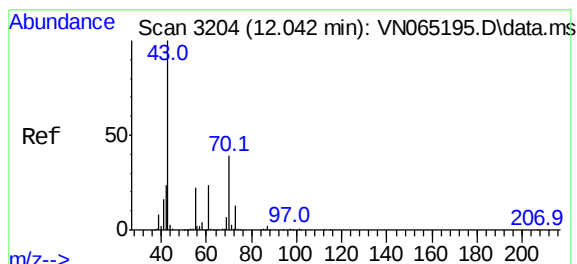
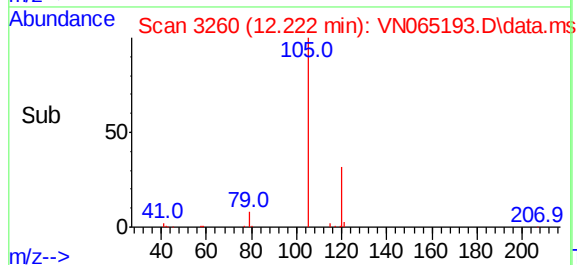
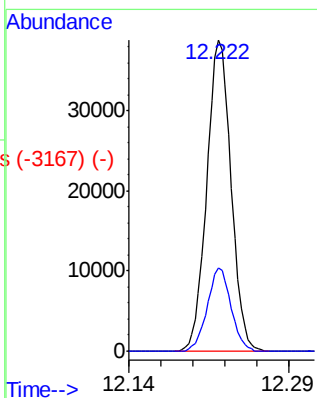
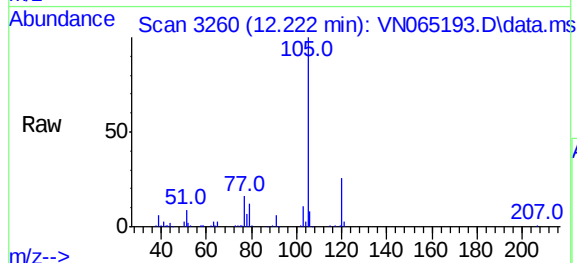




#3245 (-)  
Isopropylbenzene  
Concen: 6.06 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

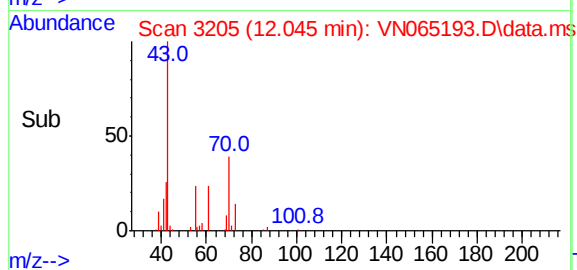
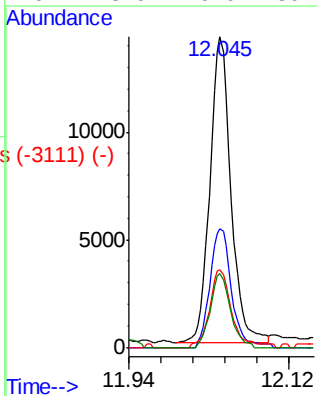
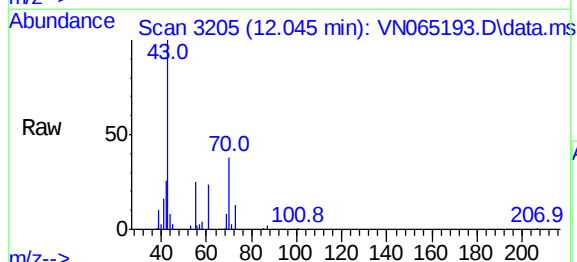
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

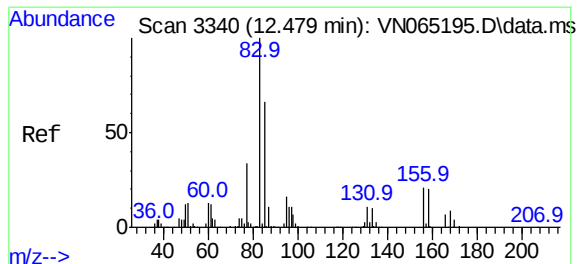
Tgt Ion:105 Resp: 63203  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.3 39.9



#3190 (-)  
N-nyl acetate  
Concen: 6.44 ug/l  
RT: 12.045 min Scan# 3205  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 43 Resp: 23692  
Ion Ratio Lower Upper  
43 100  
70 39.6 34.5 51.7  
55 26.7 20.4 30.6  
61 23.0 20.0 30.0

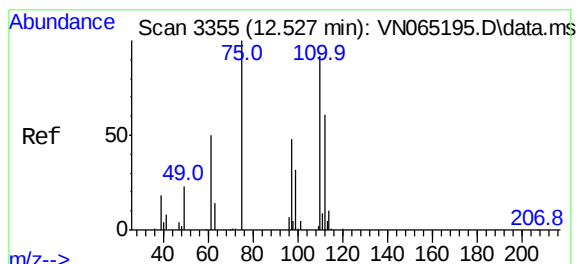
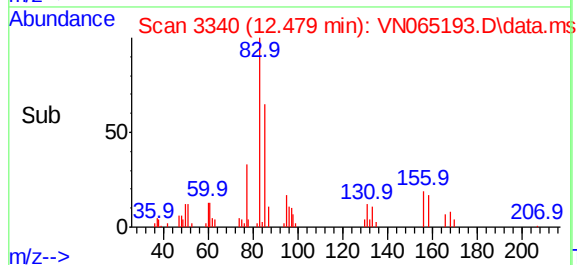
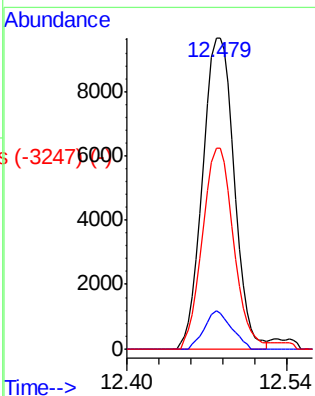
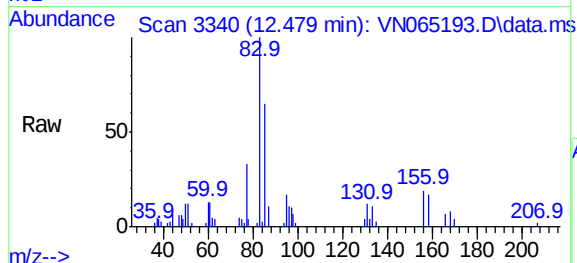




#3325 (-)  
 1,1,2,2-Tetrachloroethane  
 Concen: 5.67 ug/l  
 RT: 12.479 min Scan# 3340  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

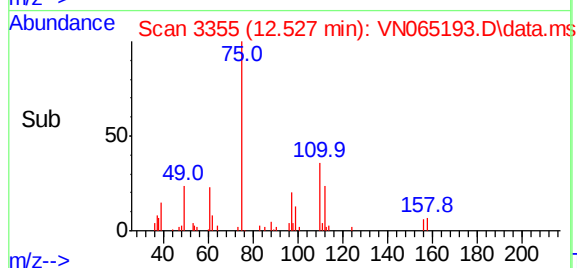
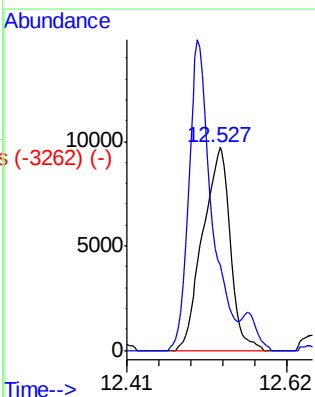
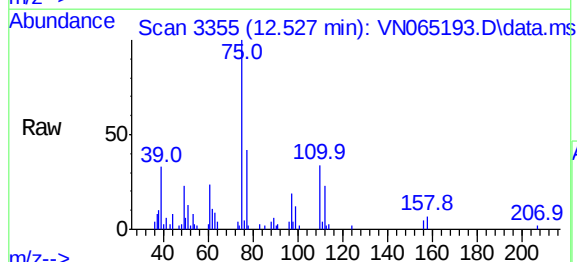
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

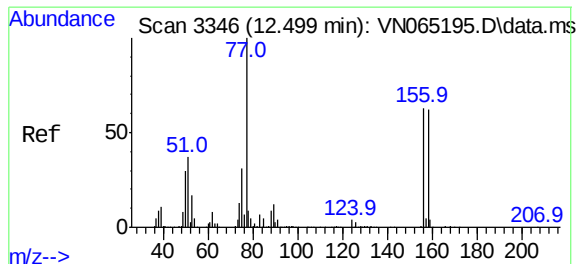
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 17068 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.4  | 5.1   | 15.3  |
| 85       | 64.4  | 33.0  | 99.0  |



#3349 (-)  
 1,2,3-Trichloropropane  
 Concen: 8.79 ug/l  
 RT: 12.527 min Scan# 3355  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 24527 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |



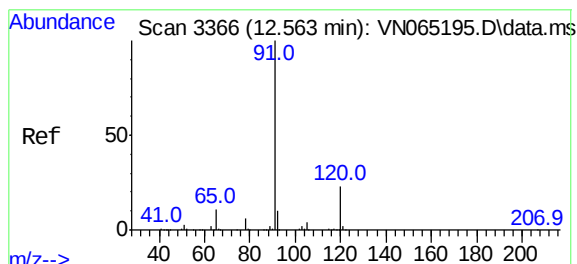
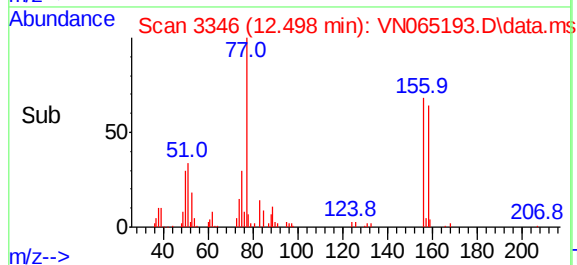
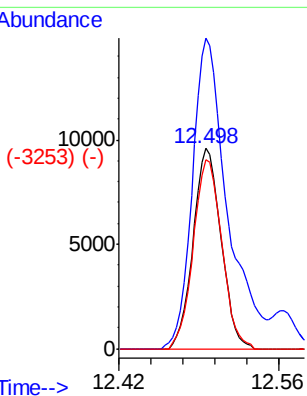
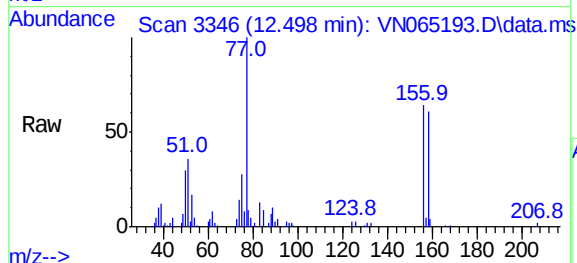


#332 (-)  
Bromobenzene  
Concen: 5.62 ug/l  
RT: 12.498 min Scan# 3346  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:156 Resp: 15993

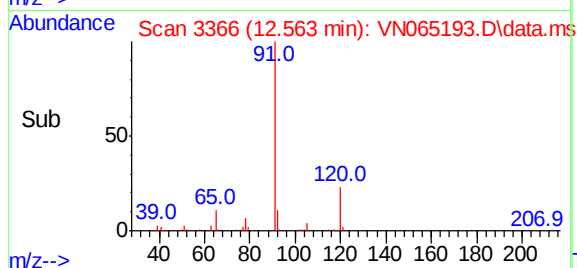
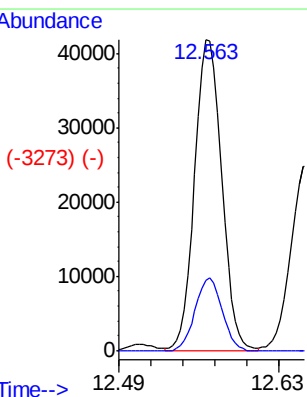
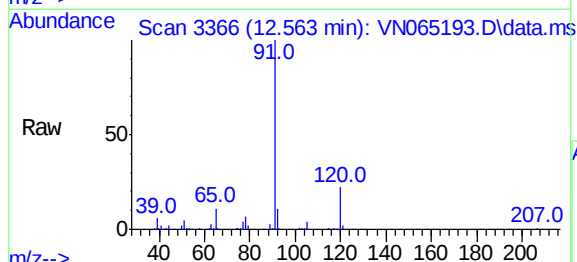
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 194.2 | 101.3 | 303.7 |
| 158 | 96.6  | 48.2  | 144.6 |

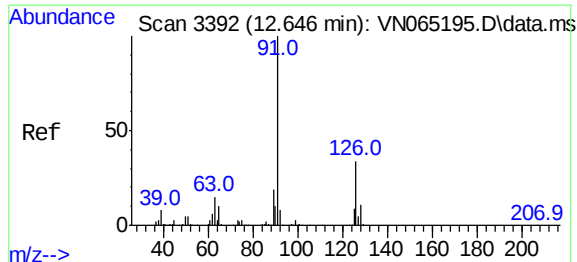


#335 (-)  
n-propylbenzene  
Concen: 5.93 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 91 Resp: 68000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.9  | 11.6  | 34.7  |

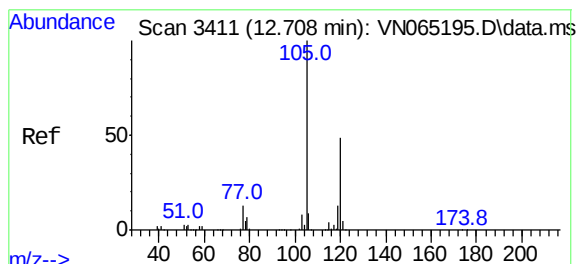
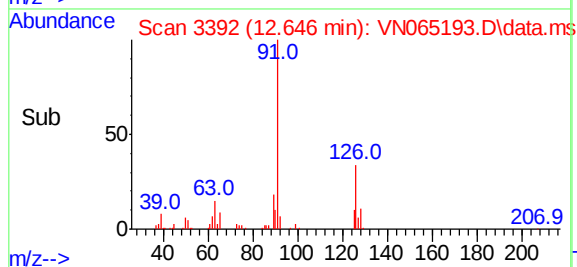
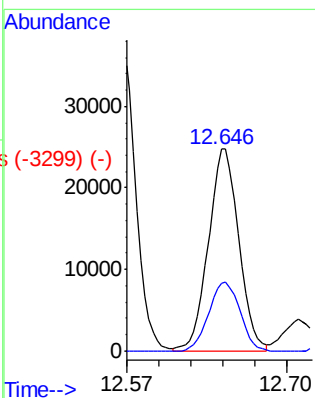
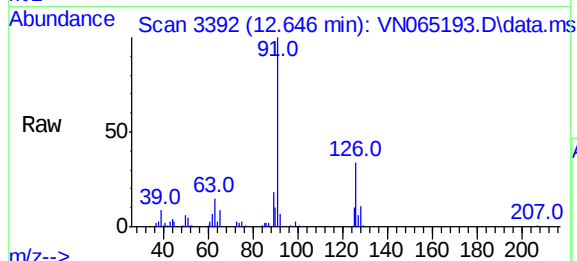




#3392 (-)  
2-Chlorotoluene  
Concen: 5.92 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

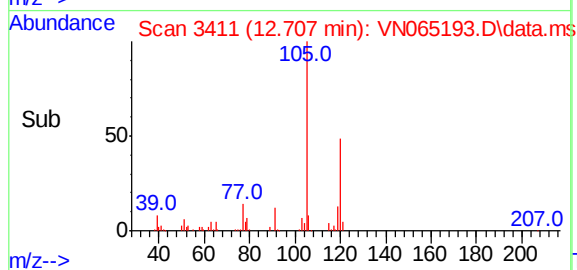
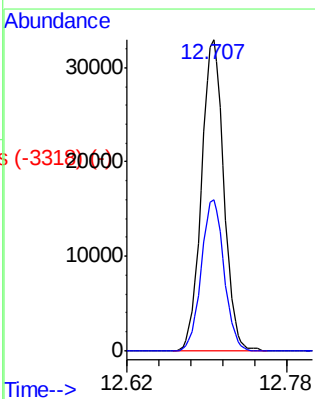
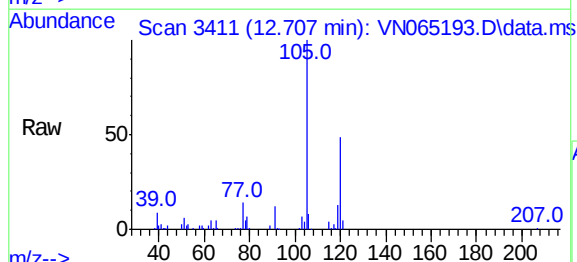
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

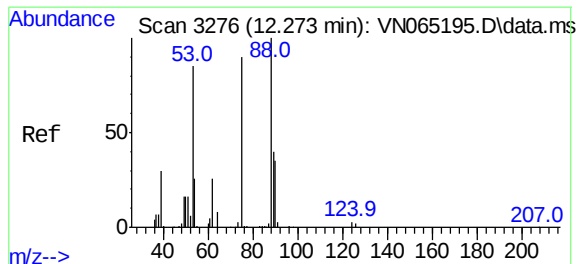
Tgt Ion: 91 Resp: 41547  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.2 51.6



#3411 (-)  
1,3,5-Trimethylbenzene  
Concen: 6.12 ug/l  
RT: 12.707 min Scan# 3411  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 105 Resp: 52442  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.6 73.6



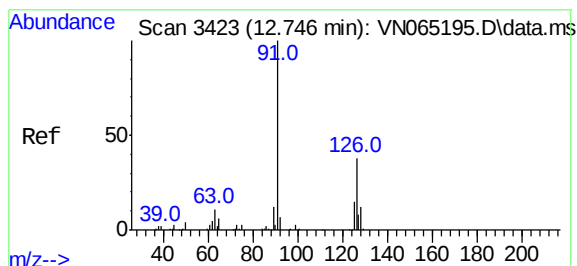
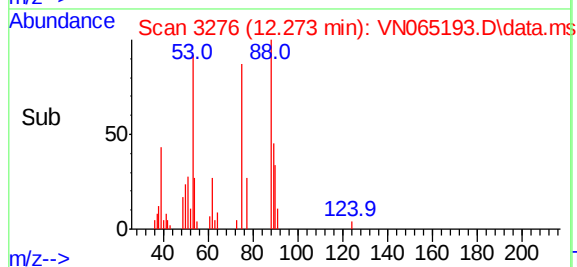
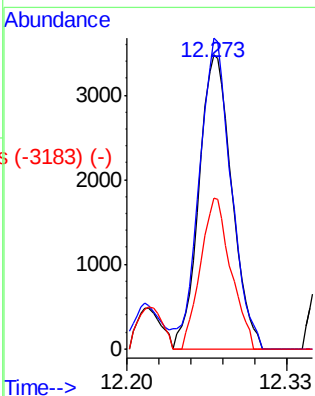
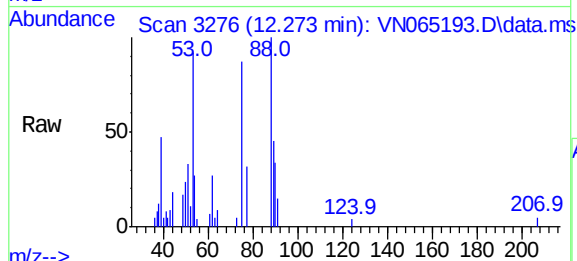


#8166 (-)  
trans-1,4-Dichloro-2-butene  
Concen: 6.20 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 75 Resp: 6258

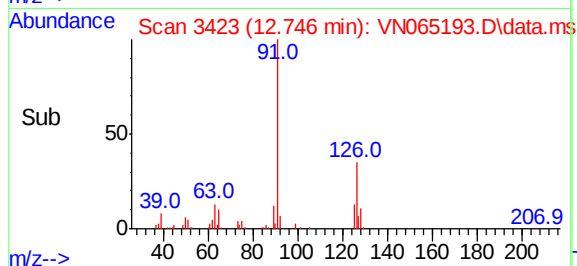
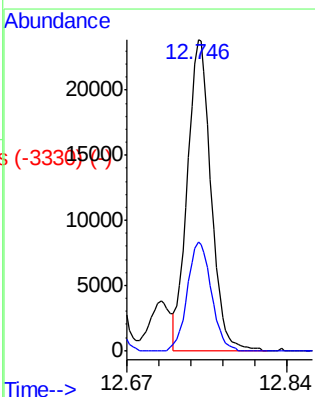
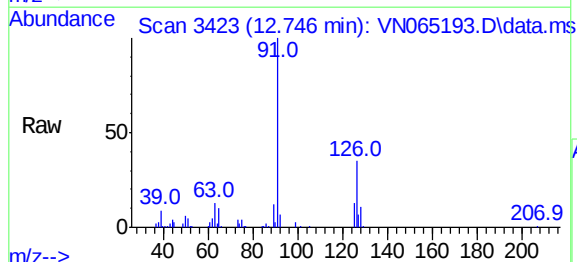
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 75  | 100   |       |        |
| 53  | 102.9 | 67.0  | 100.4# |
| 89  | 47.8  | 39.6  | 59.4   |

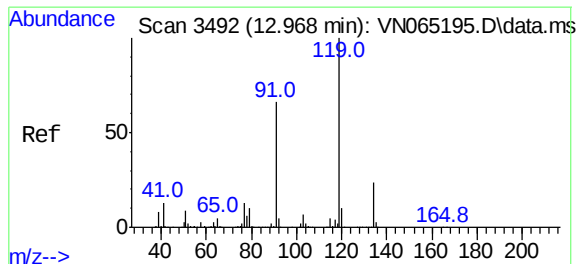


#8214 (-)  
4-Chlorotoluene  
Concen: 5.60 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 91 Resp: 40525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 35.3  | 16.9  | 50.7  |



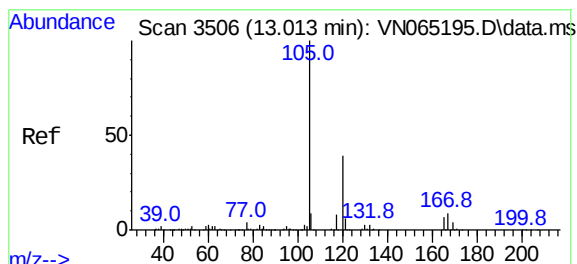
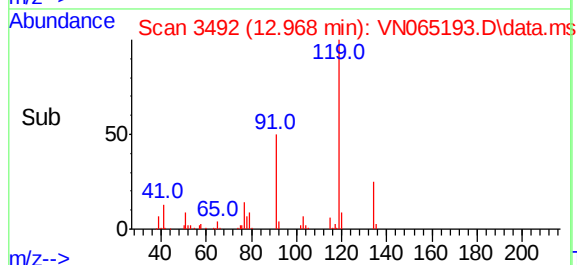
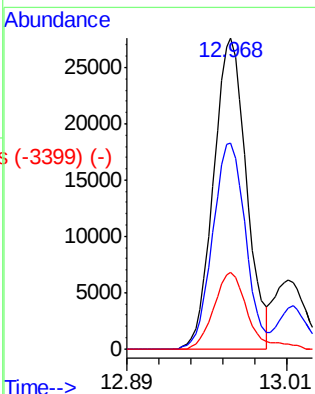
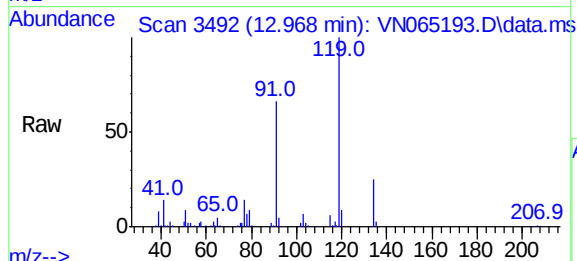


#8377 (-)  
tert-Butylbenzene  
Concen: 6.09 ug/l  
RT: 12.968 min Scan# 3492  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:119 Resp: 45470

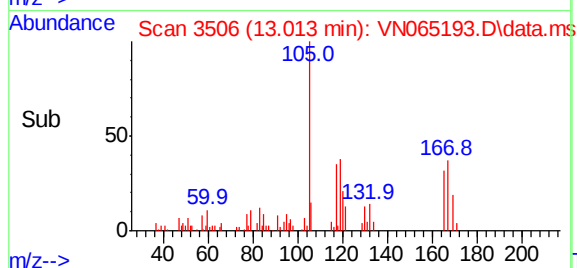
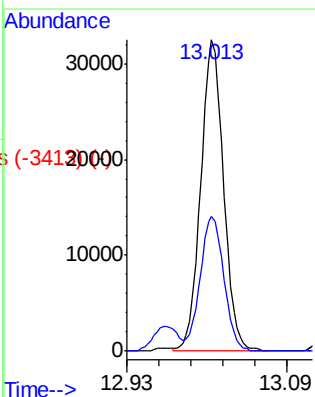
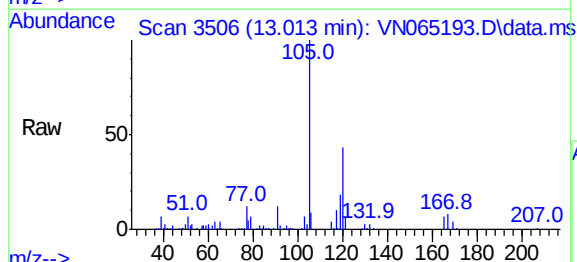
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 66.8  | 32.3  | 96.8  |
| 134 | 25.3  | 12.6  | 37.6  |

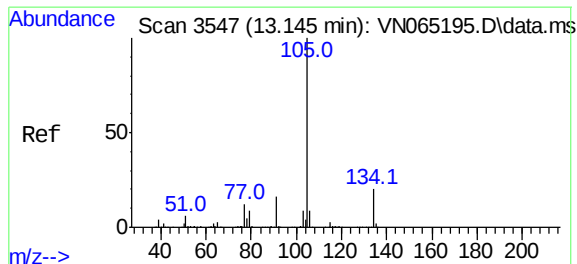


#8494 (-)  
1,2,4-Trimethylbenzene  
Concen: 5.94 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion:105 Resp: 51452

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.9  | 23.1  | 69.2  |

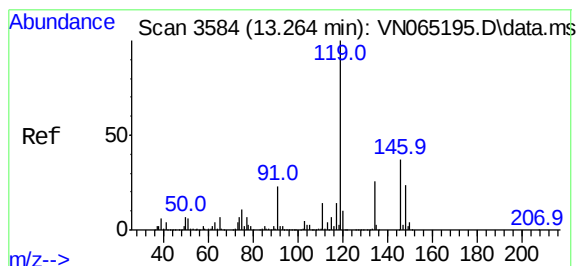
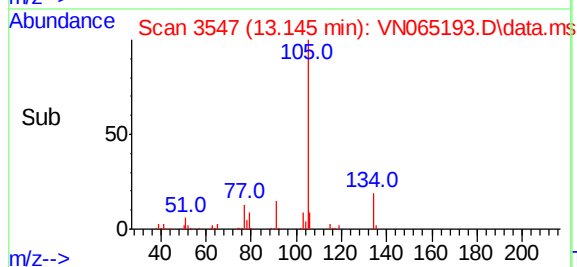
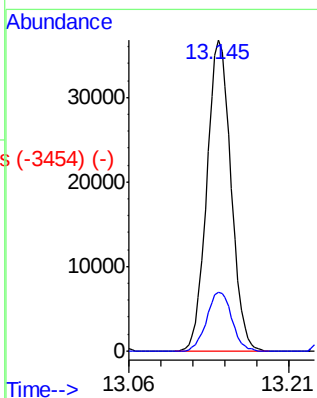
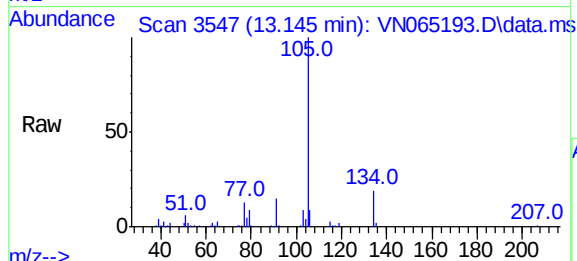




#8532 (-)  
 sec-Butylbenzene  
 Concen: 6.28 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

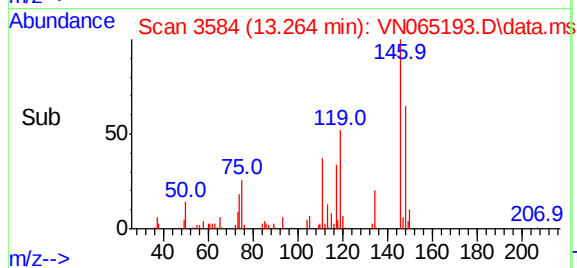
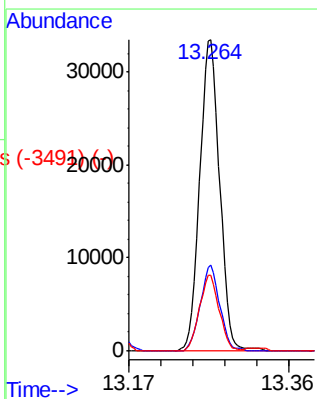
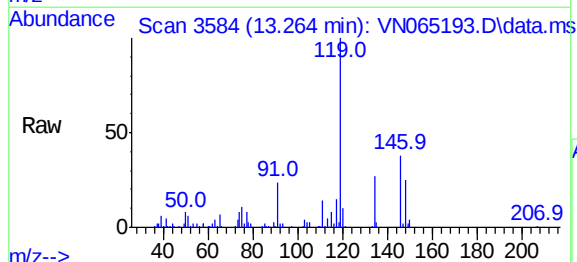
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 ClientSampleId :  
 VSTDIC005

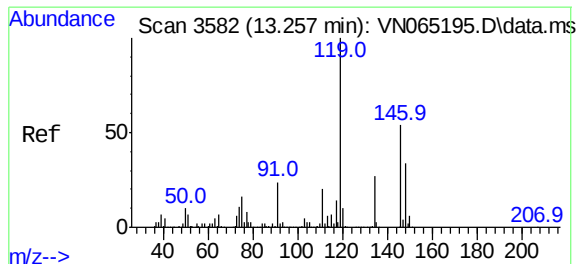
Tgt Ion:105 Resp: 59616  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 10.1 30.1



#8570 (-)  
 p-Isopropyltoluene  
 Concen: 6.14 ug/l  
 RT: 13.264 min Scan# 3584  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

Tgt Ion:119 Resp: 53914  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.1 39.1  
 91 23.9 11.5 34.5

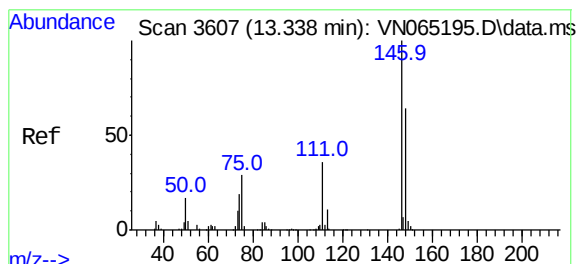
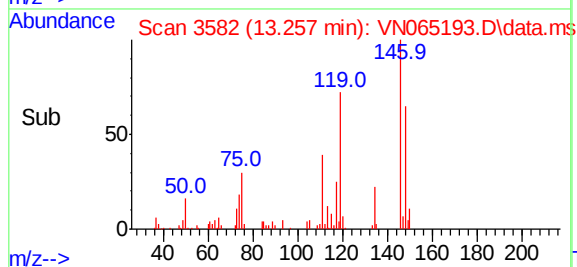
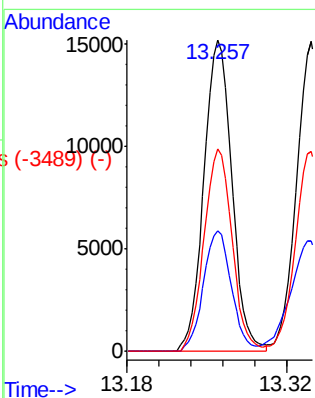
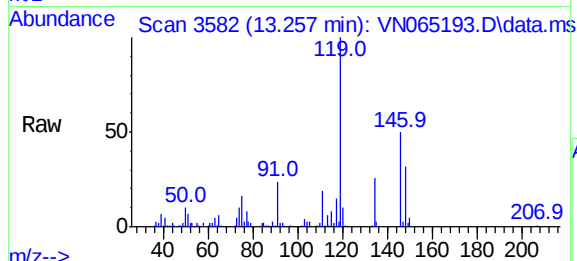




#877 (-)  
 1,3-Dichlorobenzene  
 Concen: 5.16 ug/l  
 RT: 13.257 min Scan# 3582  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

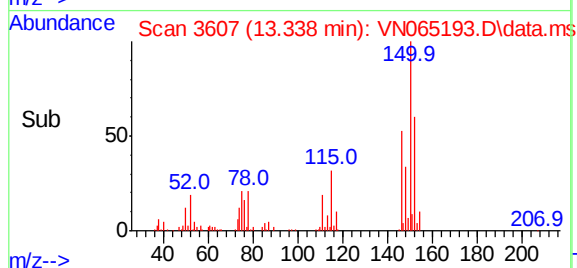
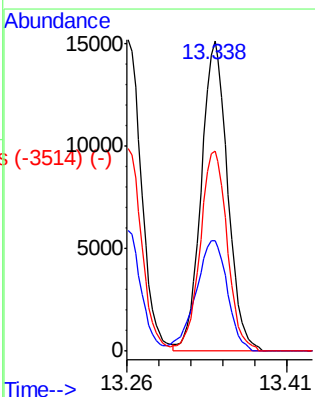
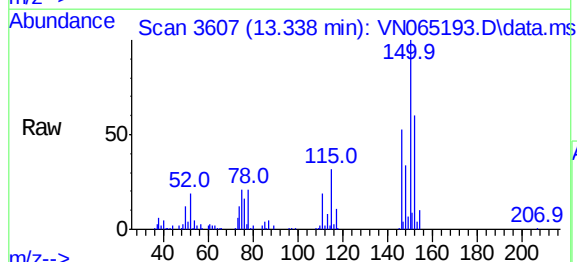
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

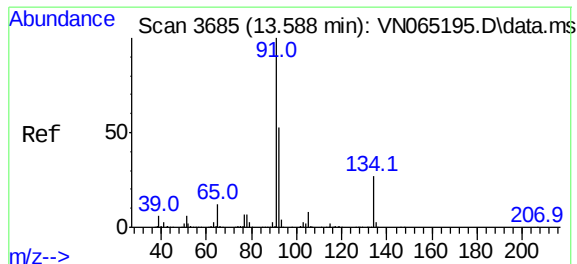
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 25269 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 38.3  | 20.6  | 61.9  |
| 148      | 65.1  | 31.9  | 95.5  |



#895 (-)  
 1,4-Dichlorobenzene  
 Concen: 5.14 ug/l  
 RT: 13.338 min Scan# 3607  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 25552 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.7  | 19.8  | 59.3  |
| 148      | 66.1  | 31.9  | 95.5  |



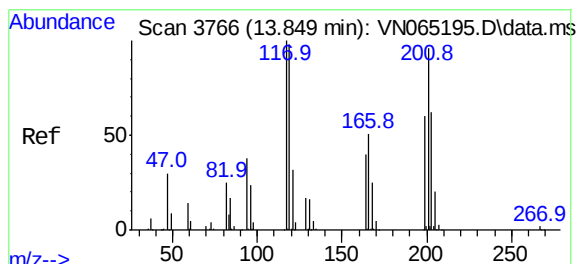
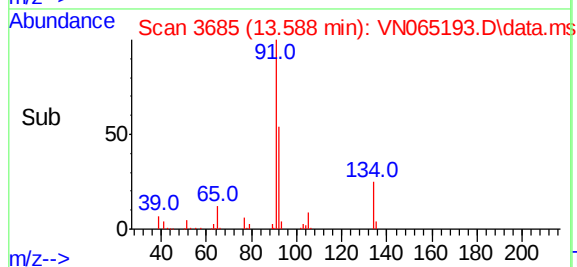
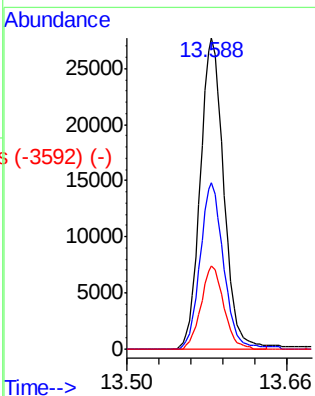
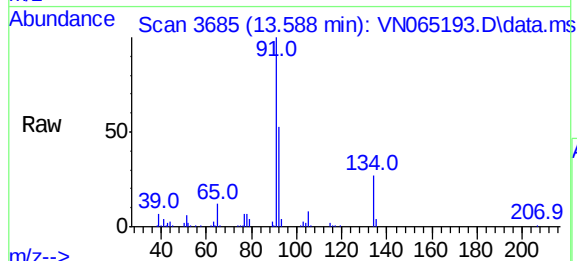


#9071 (-)  
n-Butylbenzene  
Concen: 6.07 ug/l  
RT: 13.588 min Scan# 3685  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 45191

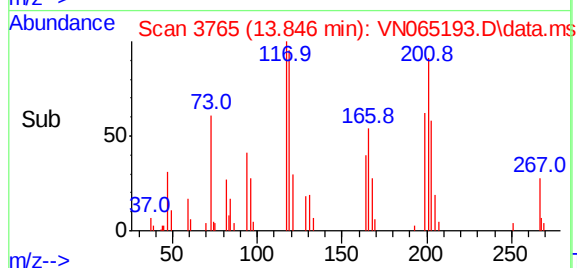
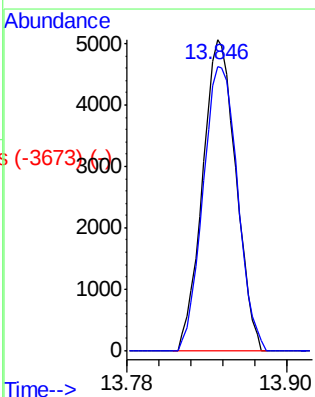
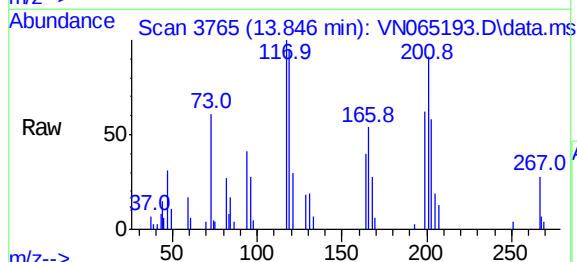
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.9  | 26.0  | 78.0  |
| 134 | 25.6  | 12.9  | 38.6  |

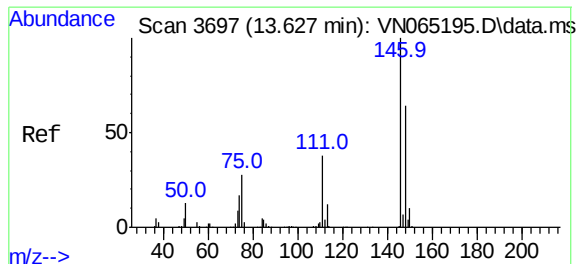


#9072 (-)  
Hexachloroethane  
Concen: 5.28 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. -0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Tgt Ion: 117 Resp: 8468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 94.9  | 40.1  | 120.3 |

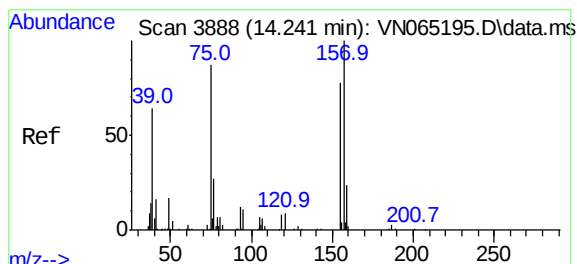
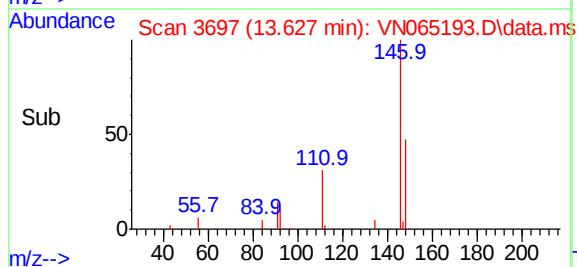
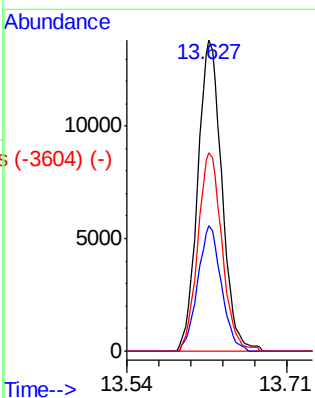
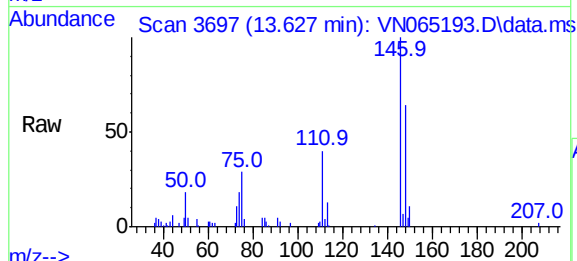




#982 (-)  
1,2-Dichlorobenzene  
Concen: 5.08 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. -0.000 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

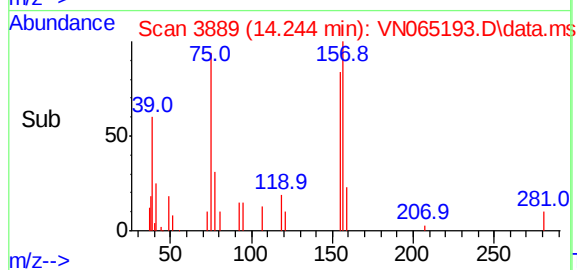
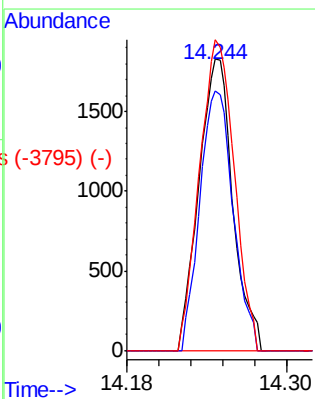
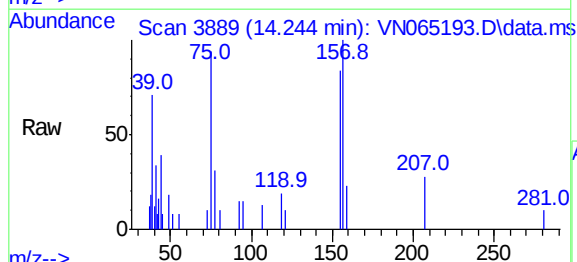
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

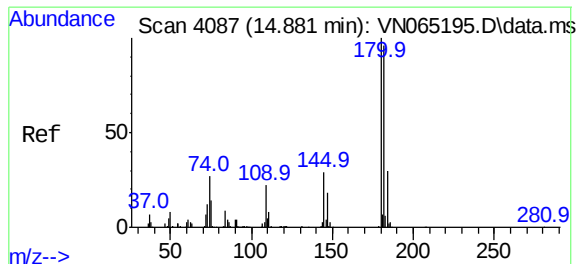
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 24797 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.3  | 21.1  | 63.1  |
| 148      | 63.9  | 32.0  | 96.2  |



#9876 (-)  
1,2-Dibromo-3-Chloropropane  
Concen: 5.31 ug/l  
RT: 14.244 min Scan# 3889  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3291  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 87.0  | 42.8  | 128.3 |
| 157      | 108.8 | 56.4  | 169.1 |

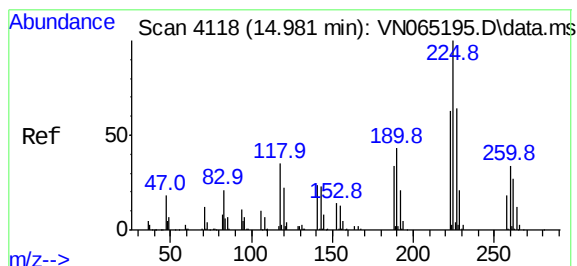
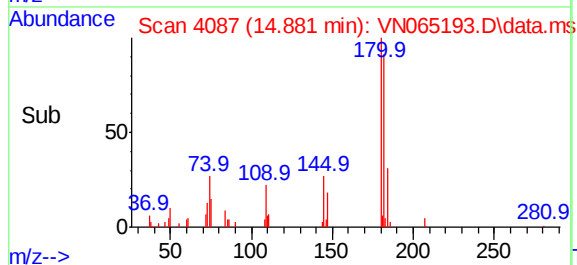
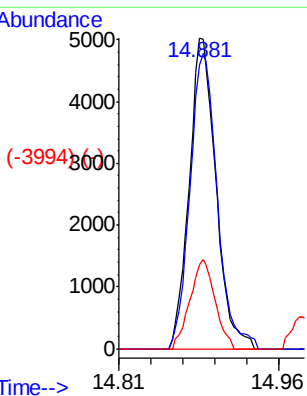
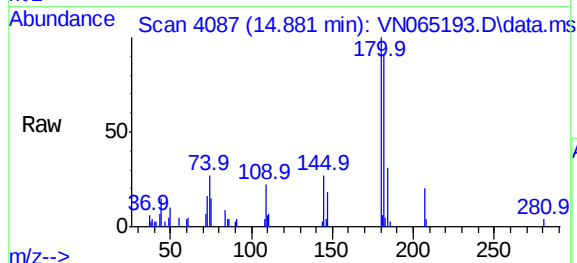




#2973 (-)  
 1,2,4-Trichlorobenzene  
 Concen: 3.70 ug/l  
 RT: 14.881 min Scan# 4087  
 Delta R.T. -0.000 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

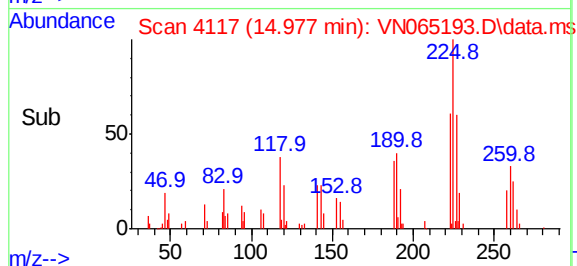
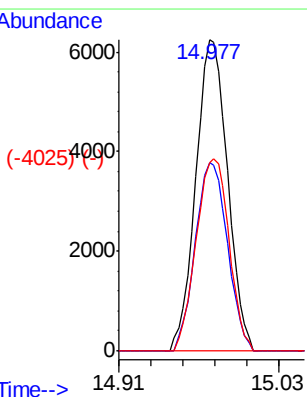
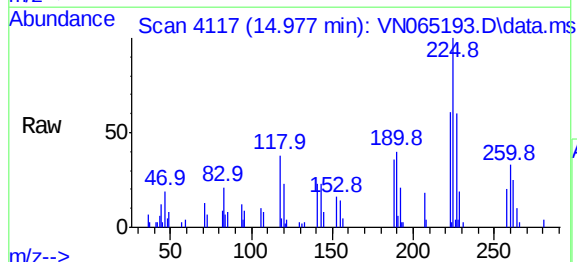
Instrument :  
 MSVOA\_N  
 ClientSampled :  
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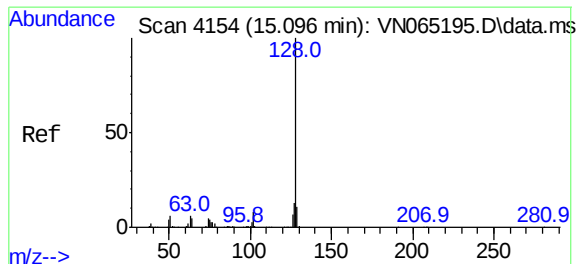
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 8676  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.1  | 47.6  | 142.9 |
| 145      | 26.9  | 15.3  | 45.8  |



#2104 (-)  
 Hexachlorobutadiene  
 Concen: 5.92 ug/l  
 RT: 14.977 min Scan# 4117  
 Delta R.T. -0.003 min  
 Lab File: VN065193.D  
 Acq: 22 Dec 2020 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 9938  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.3  | 31.0  | 93.0  |
| 227      | 64.0  | 32.0  | 96.0  |

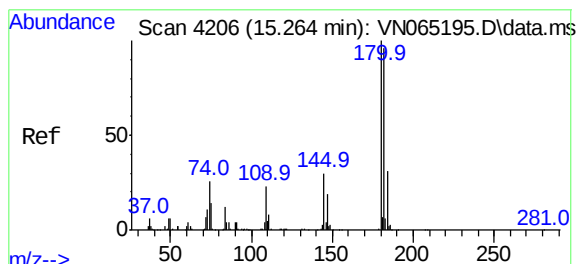
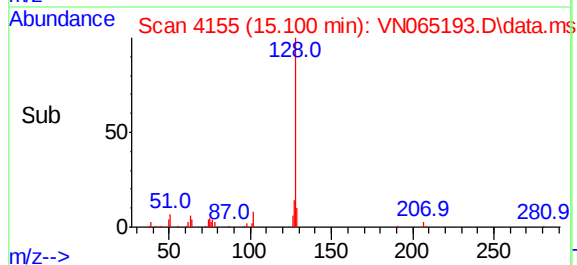
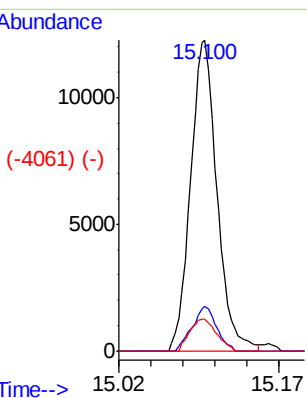
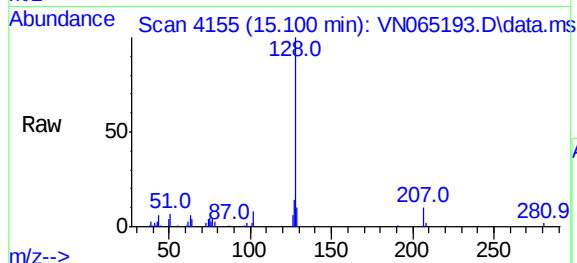




#4059 (-)  
Naphthalene  
Concen: 3.77 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. 0.003 min  
Lab File: VN065193.D  
Acq: 22 Dec 2020 12:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 21683 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.1  | 10.3  | 15.5  |
| 129      | 10.3  | 8.7   | 13.1  |



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 8288  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.5  | 48.1  | 144.4 |
| 145      | 28.9  | 16.4  | 49.1  |

