

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031922\  
 Data File : VN071413.D  
 Acq On : 19 Mar 2022 21:21  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Mar 21 05:55:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 594275   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 980373   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 922754   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 372558   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 446450   | 54.814   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 109.620% |      |
| 35) Dibromofluoromethane    | 8.016  | 113   | 337513   | 54.556   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 109.120% |      |
| 50) Toluene-d8              | 10.439 | 98    | 1352278  | 54.289   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 108.580% |      |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 471583   | 55.910   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 111.820% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 268706  | 41.256  | ug/l   | 99  |
| 3) Chloromethane             | 2.299 | 50  | 382679  | 43.761  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.440 | 62  | 351636  | 44.054  | ug/l   | 97  |
| 5) Bromomethane              | 2.822 | 94  | 158444  | 43.701  | ug/l   | 99  |
| 6) Chloroethane              | 2.998 | 64  | 208674  | 43.170  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.363 | 101 | 468483  | 44.593  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.822 | 74  | 217182  | 48.309  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 4.204 | 101 | 277719  | 45.664  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.416 | 142 | 378437  | 44.056  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.363 | 59  | 391643  | 244.775 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 276176  | 46.356  | ug/l   | 93  |
| 13) Acrolein                 | 4.040 | 56  | 381643  | 225.354 | ug/l   | 100 |
| 14) Allyl chloride           | 4.834 | 41  | 582901  | 44.984  | ug/l # | 85  |
| 15) Acrylonitrile            | 5.551 | 53  | 1187887 | 250.033 | ug/l   | 98  |
| 16) Acetone                  | 4.281 | 43  | 1000143 | 252.371 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.528 | 76  | 661293  | 38.988  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.851 | 43  | 558849  | 52.484  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 1097993 | 49.086  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.098 | 84  | 345442  | 47.711  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 5.592 | 96  | 288336  | 44.246  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.492 | 45  | 1260861 | 49.390  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.428 | 43  | 5495625 | 254.285 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.381 | 63  | 643196  | 47.681  | ug/l   | 99  |
| 25) 2-Butanone               | 7.328 | 43  | 1643907 | 257.508 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.322 | 77  | 401301  | 38.561  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 361477  | 46.736  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.657 | 49  | 286494  | 47.692  | ug/l # | 81  |
| 29) Tetrahydrofuran          | 7.681 | 42  | 1107010 | 250.306 | ug/l   | 91  |
| 30) Chloroform               | 7.816 | 83  | 619538  | 48.153  | ug/l   | 99  |
| 31) Cyclohexane              | 8.092 | 56  | 571395  | 43.932  | ug/l   | 91  |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 528044  | 48.182  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 451237  | 45.524  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.410 | 43  | 651270  | 47.742  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 440572  | 45.953  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.457 | 83  | 533926  | 45.789  | ug/l   | 93  |
| 40) Benzene                  | 8.457 | 78  | 1397996 | 46.811  | ug/l   | 99  |

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 Data File : VN071413.D  
 Acq On : 19 Mar 2022 21:21  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 21 05:55:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 344574   | 51.615  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 506799   | 48.766  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.557  | 43   | 1015136  | 49.762  | ug/l   | 96       |
| 44) Trichloroethene           | 9.216  | 130  | 330410   | 46.890  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 382766   | 47.745  | ug/l   | 99       |
| 46) Dibromomethane            | 9.575  | 93   | 239033   | 48.443  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.757  | 83   | 492544   | 49.394  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.557  | 41   | 486804   | 51.494  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 163047   | 992.230 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 3351081  | 264.695 | ug/l   | 100      |
| 52) Toluene                   | 10.504 | 92   | 887555   | 48.263  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 530245   | 48.238  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 575663   | 47.929  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 353688   | 47.996  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 631454   | 52.472  | ug/l # | 89       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 641131   | 48.471  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 738809   | 287.509 | ug/l   | 94       |
| 59) 2-Hexanone                | 11.080 | 43   | 2465250  | 285.391 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.233 | 129  | 373175   | 50.967  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 362056   | 48.073  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.974 | 164  | 282279   | 43.862  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.769 | 112  | 940735   | 47.472  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 349358   | 48.079  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1717536  | 49.019  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1286316  | 100.352 | ug/l   | 98       |
| 69) o-Xylene                  | 12.274 | 106  | 648917   | 50.504  | ug/l   | 99       |
| 70) Styrene                   | 12.292 | 104  | 1040434  | 52.312  | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 283896   | 51.448  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.574 | 105  | 1671613  | 46.545  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.386 | 43   | 717510   | 53.135  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 568181   | 53.413  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 707459   | 80.044  | ug/l   | 68       |
| 77) Bromobenzene              | 12.857 | 156  | 384450   | 45.907  | ug/l   | 80       |
| 78) n-propylbenzene           | 12.916 | 91   | 1841399  | 47.781  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1126354  | 45.530  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1332159  | 47.677  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 159719   | 46.343  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1056484  | 47.945  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 1196768  | 47.995  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1307835  | 48.867  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1612921  | 48.665  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1296901  | 49.756  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 628296   | 46.173  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 606136   | 45.570  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 1004910  | 49.293  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 245990   | 47.457  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 611130   | 46.715  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 103707   | 49.630  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 296369   | 48.627  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 163996   | 44.655  | ug/l   | 99       |
| 95) Naphthalene               | 15.504 | 128  | 936346   | 54.336  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 296386   | 50.636  | ug/l   | 99       |

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Data File : VN071413.D  
Acq On : 19 Mar 2022 21:21  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

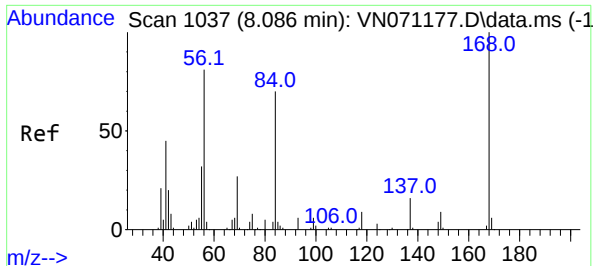
Quant Time: Mar 21 05:55:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
Response via : Initial Calibration

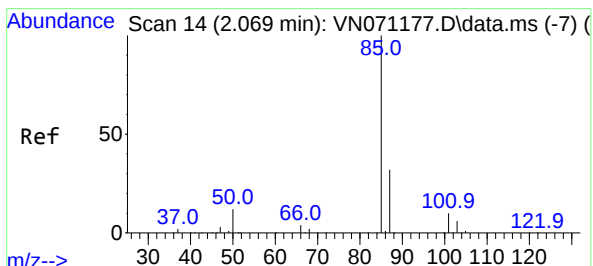
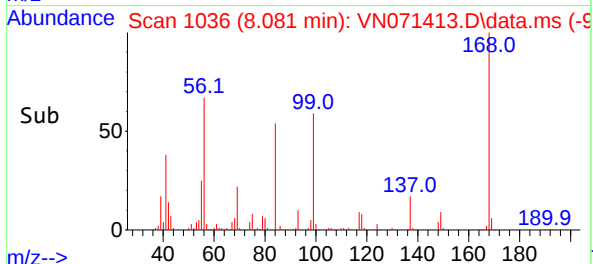
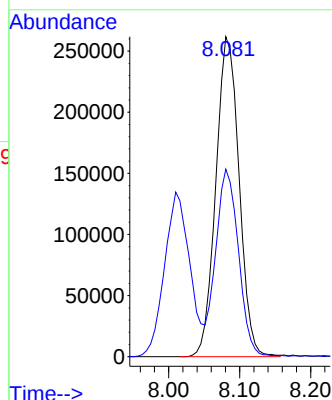
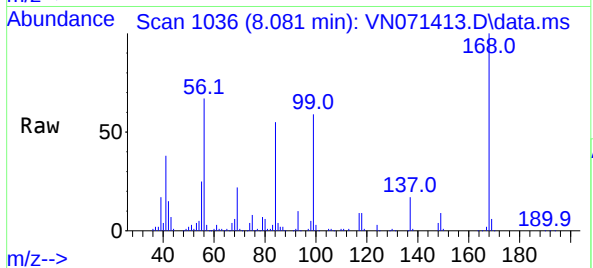




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

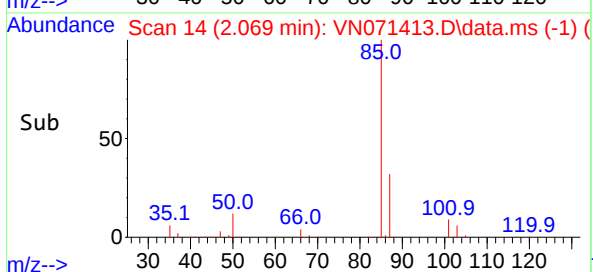
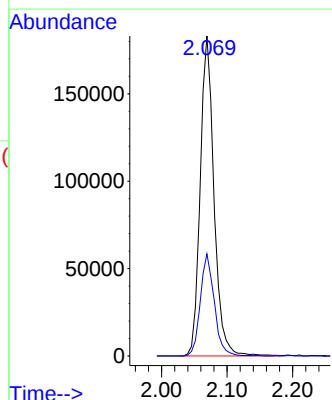
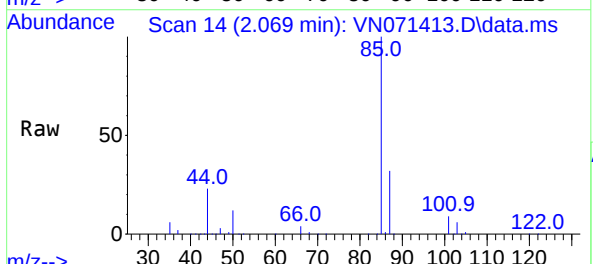
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 594275  
Ion Ratio Lower Upper  
168 100  
99 58.3 41.3 61.9

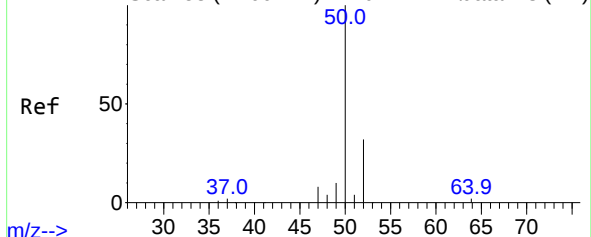


#2  
Dichlorodifluoromethane  
Concen: 41.256 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 85 Resp: 268706  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.3 48.9



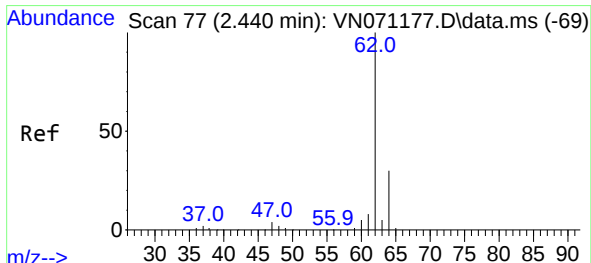
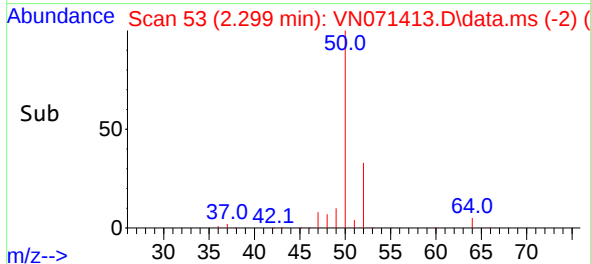
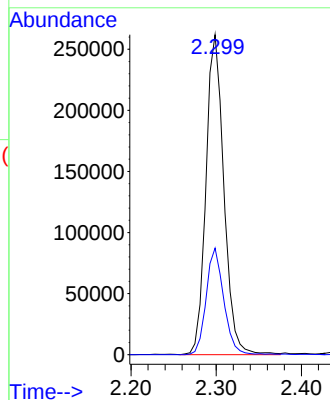
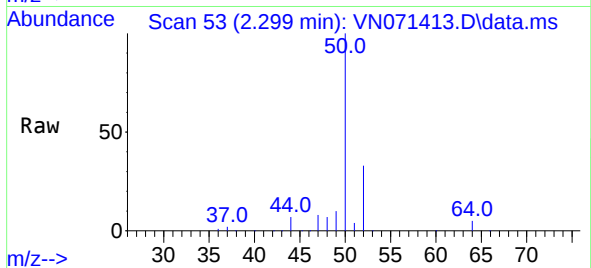
Abundance Scan 53 (2.299 min): VN071177.D\data.ms (-44)



#3  
Chloromethane  
Concen: 43.761 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

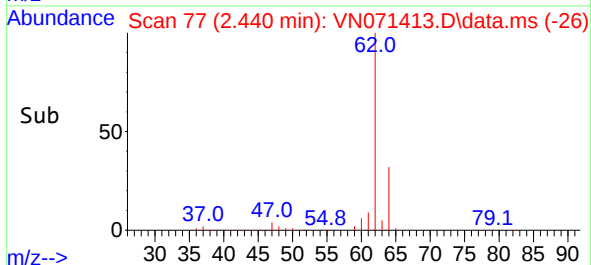
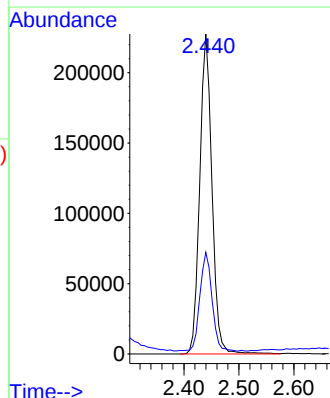
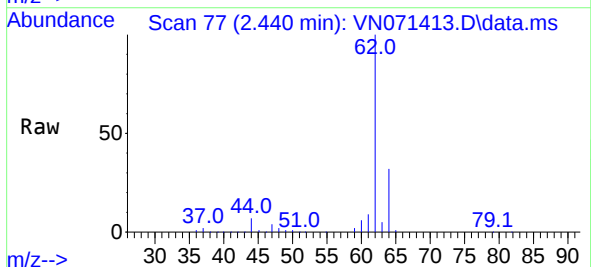
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

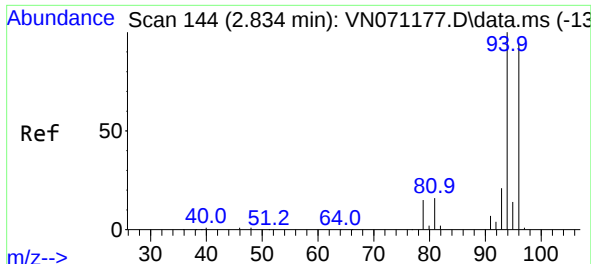
Tgt Ion: 50 Resp: 382679  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.4 38.0



#4  
Vinyl Chloride  
Concen: 44.054 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 62 Resp: 351636  
Ion Ratio Lower Upper  
62 100  
64 30.6 25.8 38.6

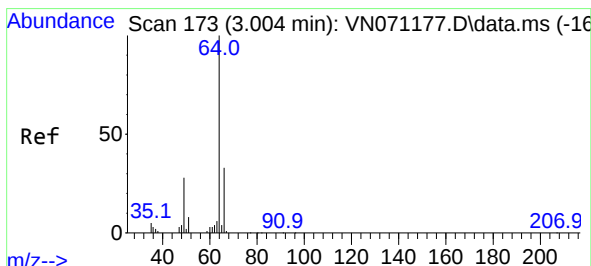
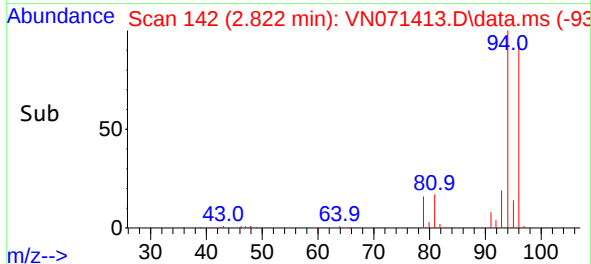
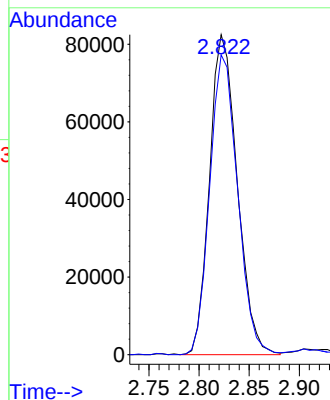
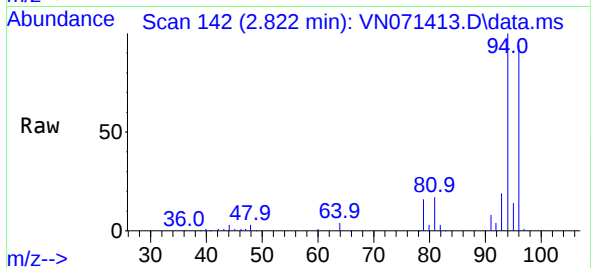




#5  
Bromomethane  
Concen: 43.701 ug/l  
RT: 2.822 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

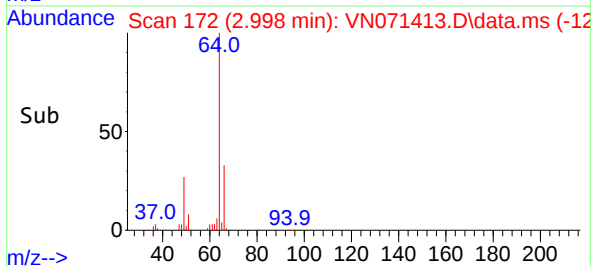
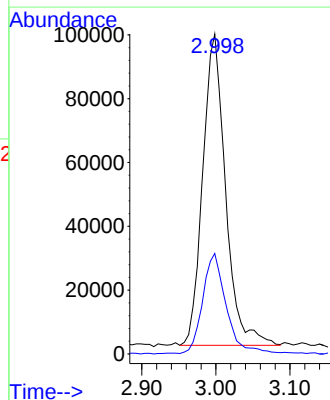
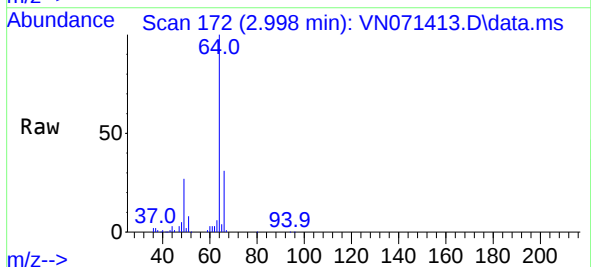
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 158444  
Ion Ratio Lower Upper  
94 100  
96 93.7 73.8 110.8



#6  
Chloroethane  
Concen: 43.170 ug/l  
RT: 2.998 min Scan# 172  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 64 Resp: 208674  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.3 39.5

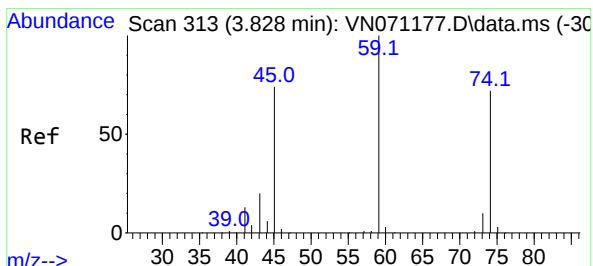
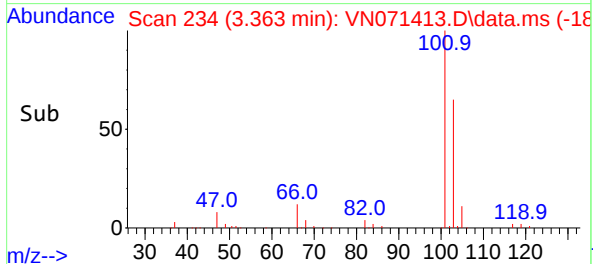
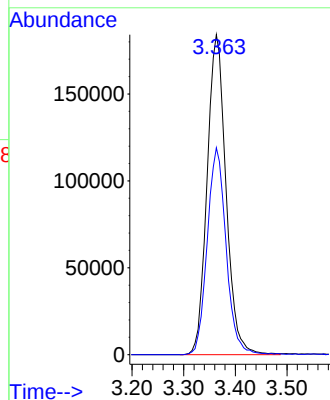
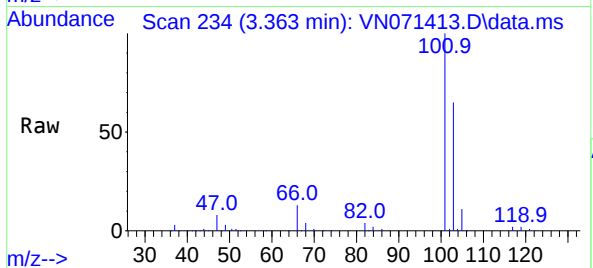




#7  
Trichlorofluoromethane  
Concen: 44.593 ug/l  
RT: 3.363 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

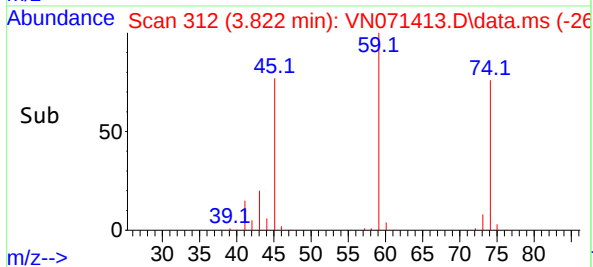
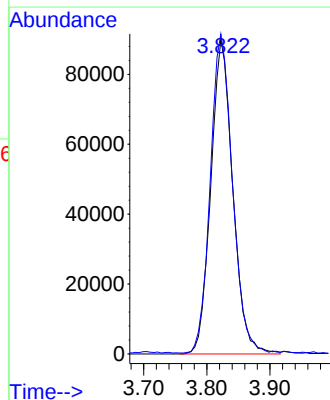
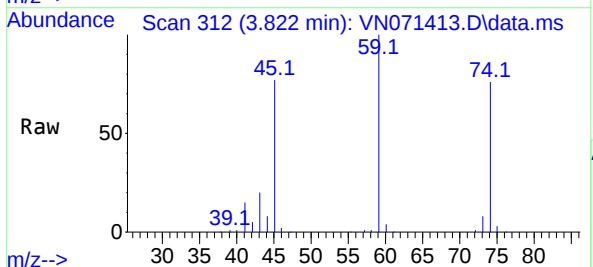
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

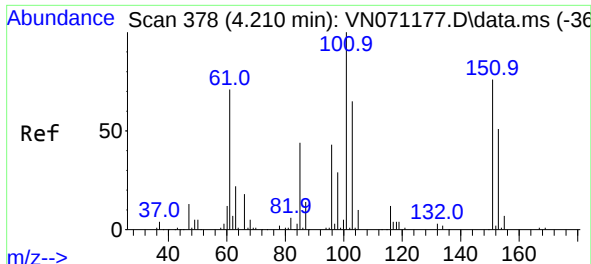
Tgt Ion:101 Resp: 468483  
Ion Ratio Lower Upper  
101 100  
103 64.6 50.1 75.1



#8  
Diethyl Ether  
Concen: 48.309 ug/l  
RT: 3.822 min Scan# 312  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 74 Resp: 217182  
Ion Ratio Lower Upper  
74 100  
45 102.5 47.0 141.2

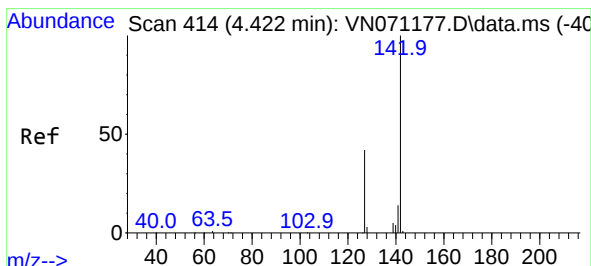
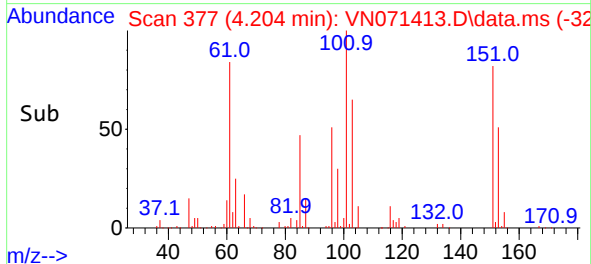
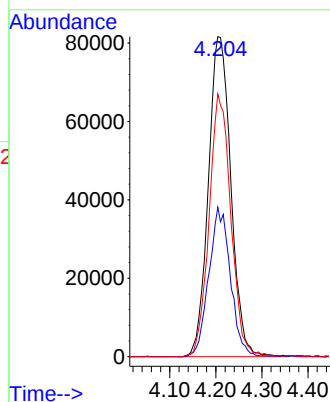
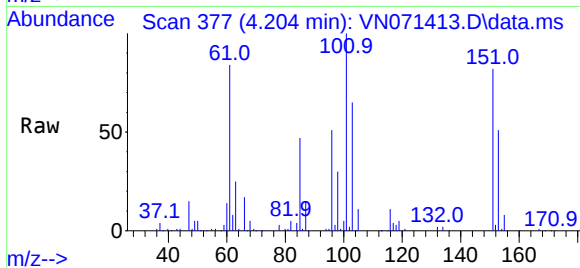




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.664 ug/l  
RT: 4.204 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

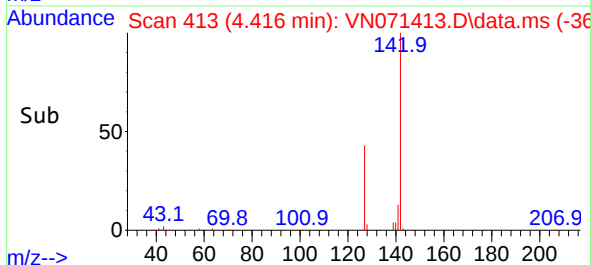
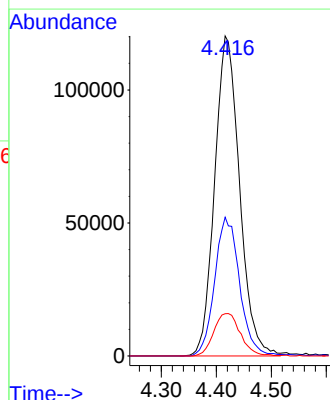
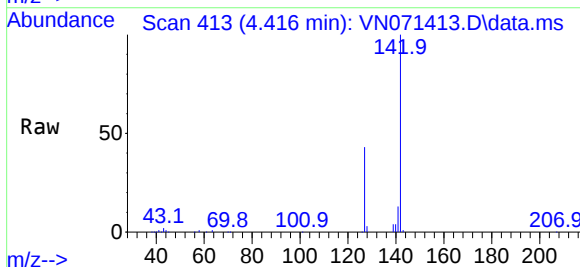
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

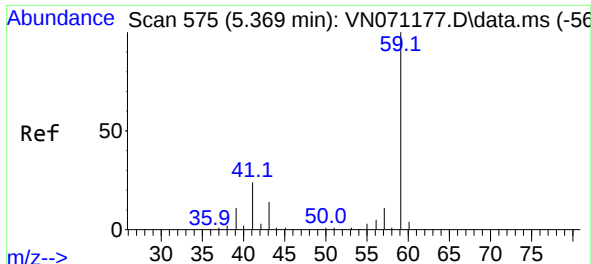
Tgt Ion:101 Resp: 277719  
Ion Ratio Lower Upper  
101 100  
85 44.7 37.2 55.8  
151 79.2 65.9 98.9



#10  
Methyl Iodide  
Concen: 44.056 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:142 Resp: 378437  
Ion Ratio Lower Upper  
142 100  
127 43.6 35.4 53.0  
141 14.2 11.6 17.4

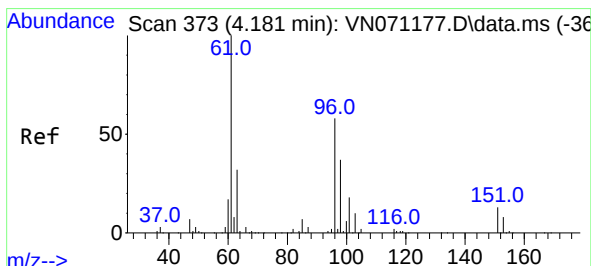
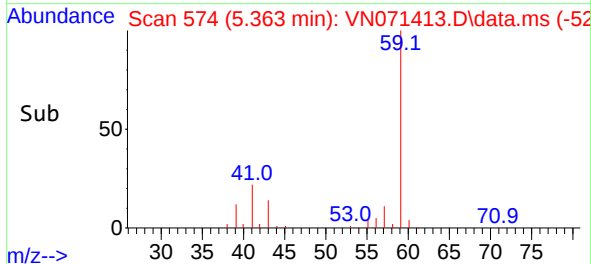
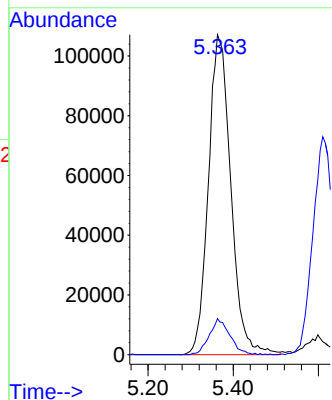
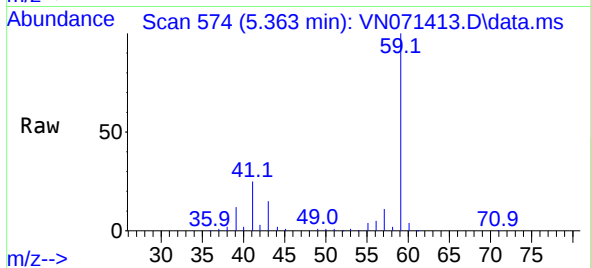




#11  
Tert butyl alcohol  
Concen: 244.775 ug/l  
RT: 5.363 min Scan# 575  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

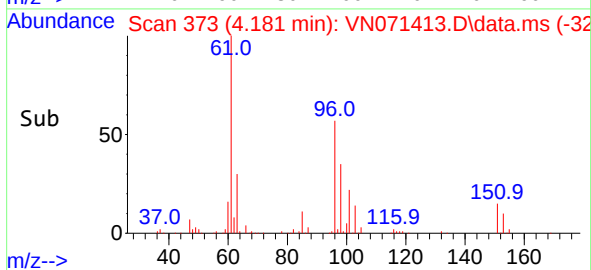
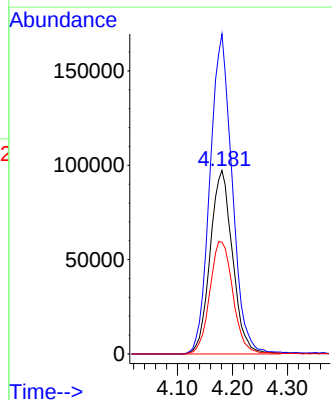
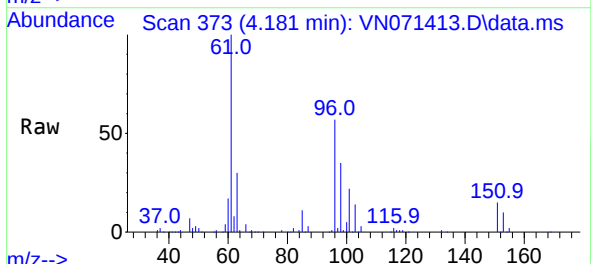
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

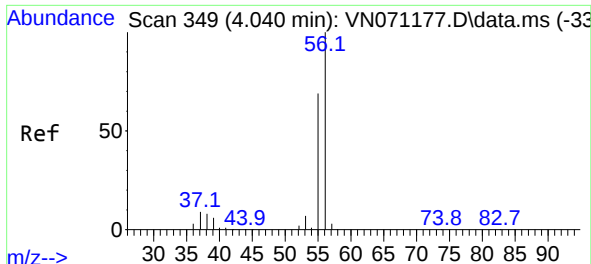
Tgt Ion: 59 Resp: 391643  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 46.356 ug/l  
RT: 4.181 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 96 Resp: 276176  
Ion Ratio Lower Upper  
96 100  
61 174.4 131.0 196.6  
98 60.9 52.4 78.6

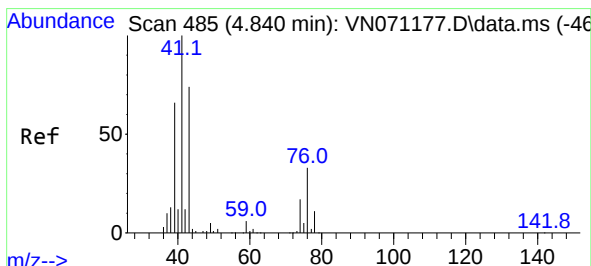
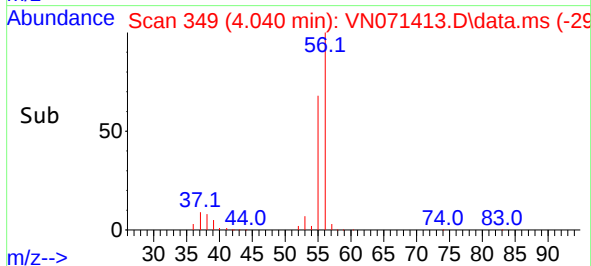
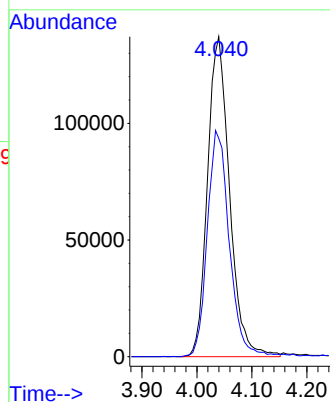
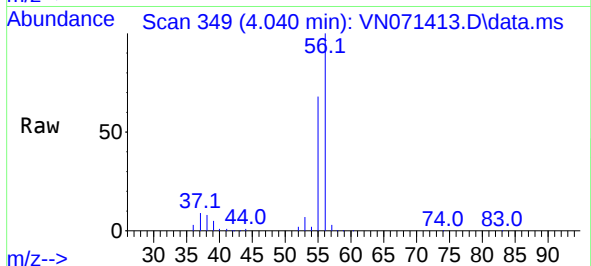




#13  
Acrolein  
Concen: 225.354 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

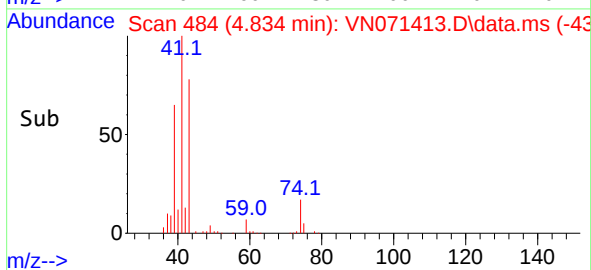
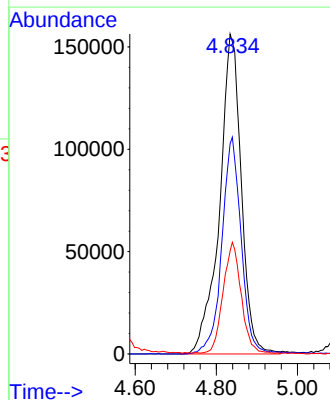
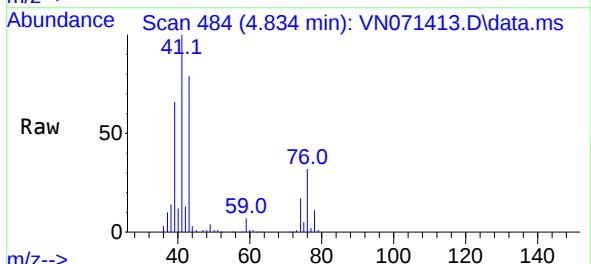
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

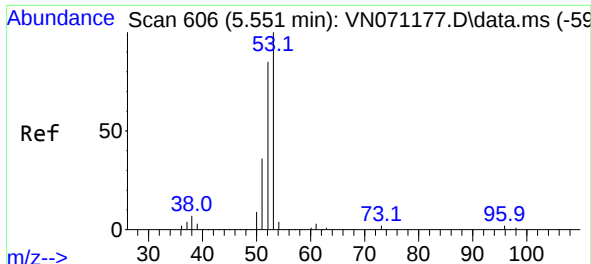
Tgt Ion: 56 Resp: 381643  
Ion Ratio Lower Upper  
56 100  
55 70.8 56.6 85.0



#14  
Allyl chloride  
Concen: 44.984 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 41 Resp: 582901  
Ion Ratio Lower Upper  
41 100  
39 60.1 61.2 91.8#  
76 28.9 26.0 39.0



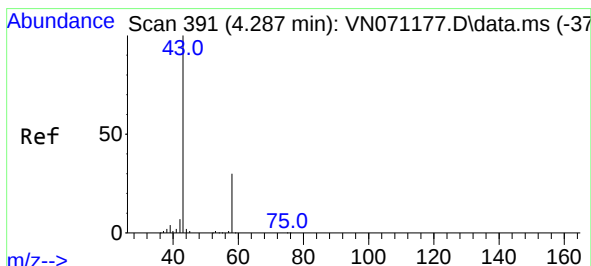
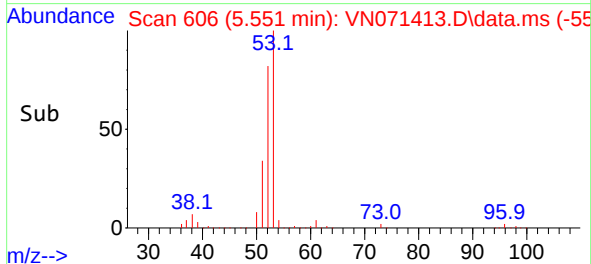
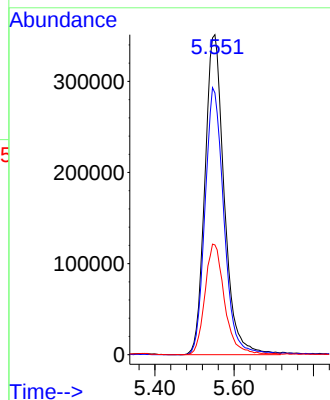
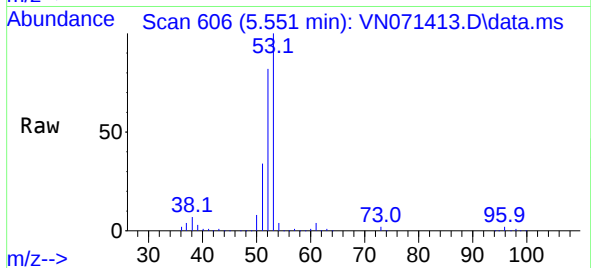


#15  
Acrylonitrile  
Concen: 250.033 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 53 Resp: 1187887

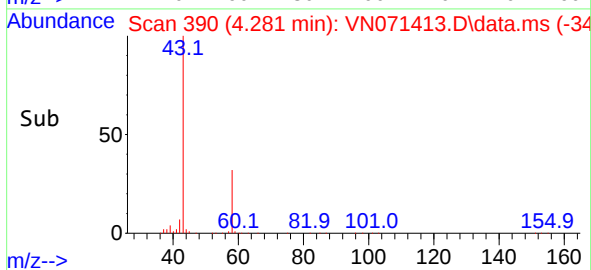
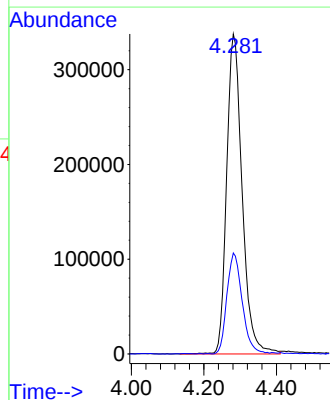
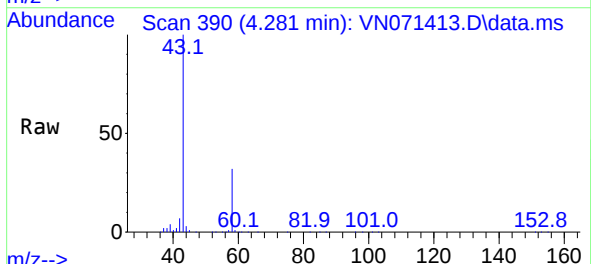
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.7  | 66.2  | 99.2  |
| 51  | 35.1  | 29.6  | 44.4  |



#16  
Acetone  
Concen: 252.371 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 43 Resp: 1000143

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.5  | 23.1  | 34.7  |

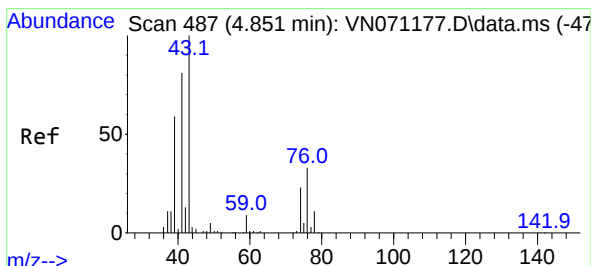
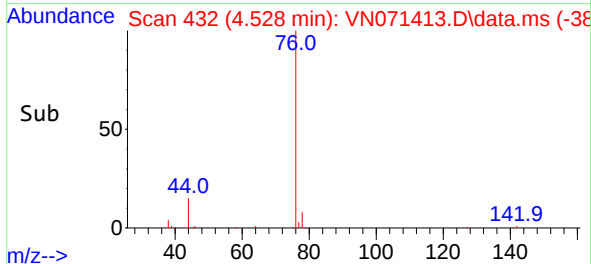
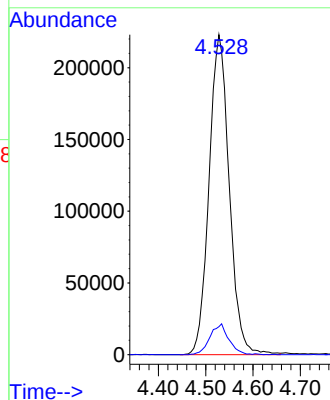
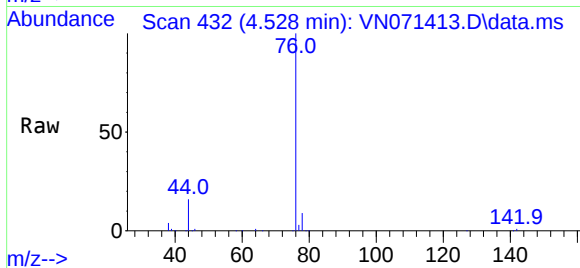




#17  
Carbon Disulfide  
Concen: 38.988 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

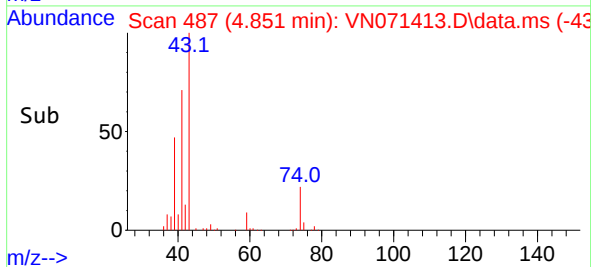
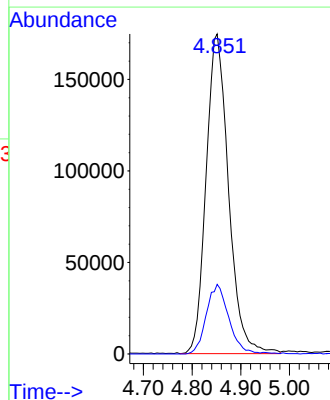
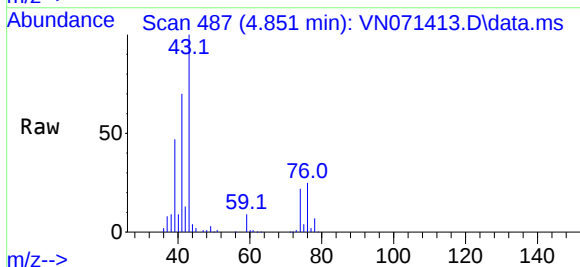
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

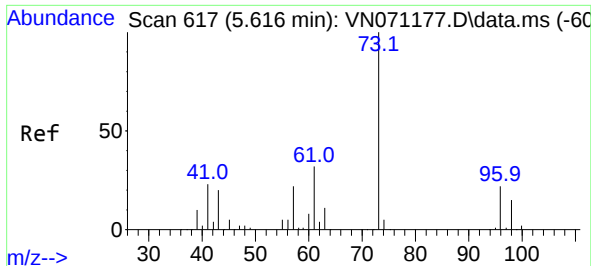
Tgt Ion: 76 Resp: 661293  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 52.484 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 43 Resp: 558849  
Ion Ratio Lower Upper  
43 100  
74 21.6 19.4 29.2

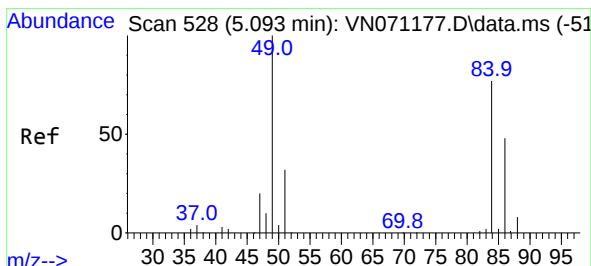
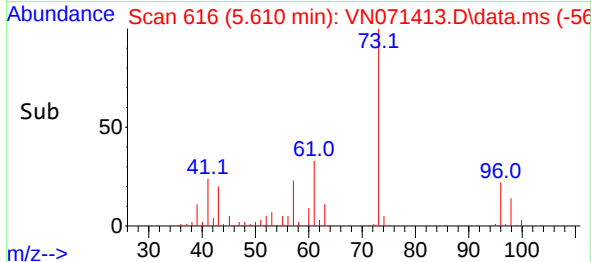
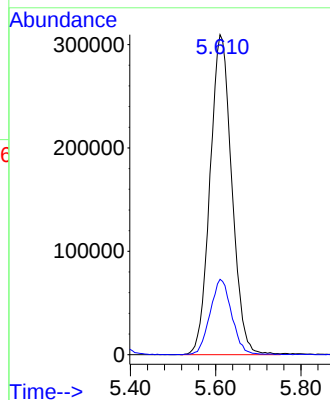
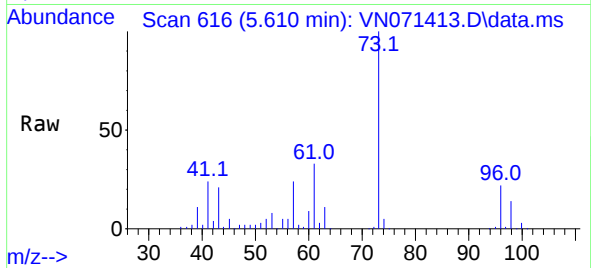




#19  
Methyl tert-butyl Ether  
Concen: 49.086 ug/l  
RT: 5.610 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

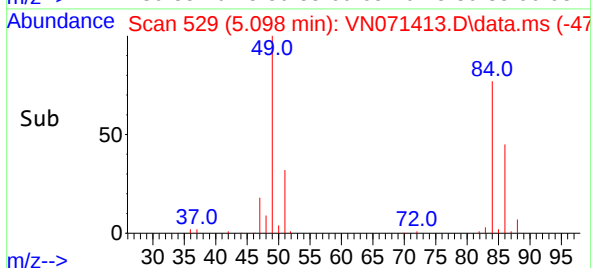
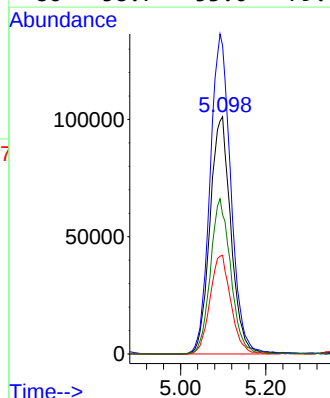
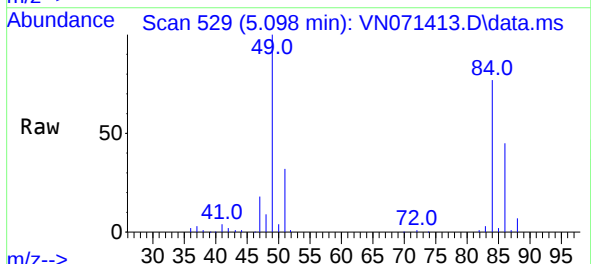
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 1097993  
Ion Ratio Lower Upper  
73 100  
57 23.5 16.8 25.2



#20  
Methylene Chloride  
Concen: 47.711 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.005 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 84 Resp: 345442  
Ion Ratio Lower Upper  
84 100  
49 129.9 93.5 140.3  
51 41.6 29.4 44.2  
86 58.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 44.246 ug/l

RT: 5.592 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

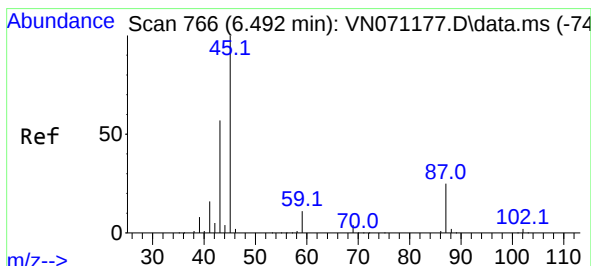
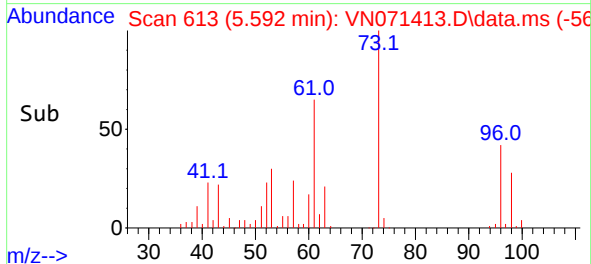
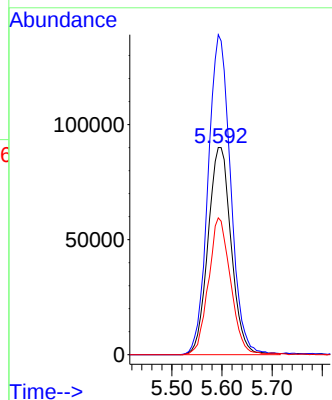
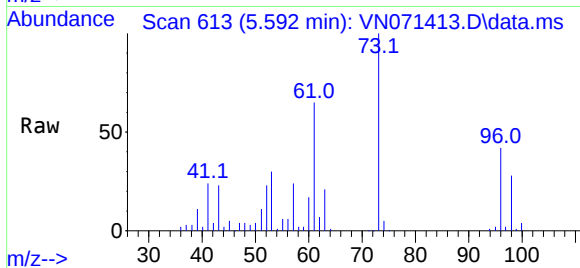
MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 288336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 154.5 | 105.8 | 158.6 |
| 98  | 66.0  | 52.0  | 78.0  |



#22

Diisopropyl ether

Concen: 49.390 ug/l

RT: 6.492 min Scan# 766

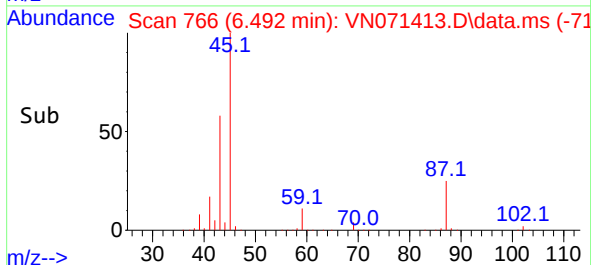
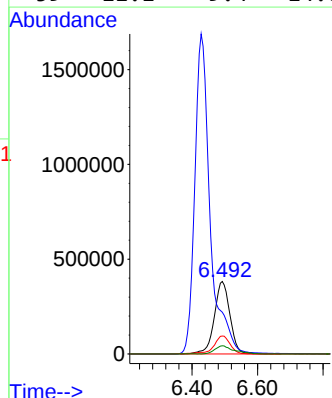
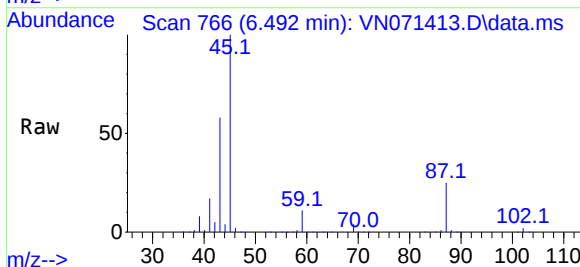
Delta R.T. -0.000 min

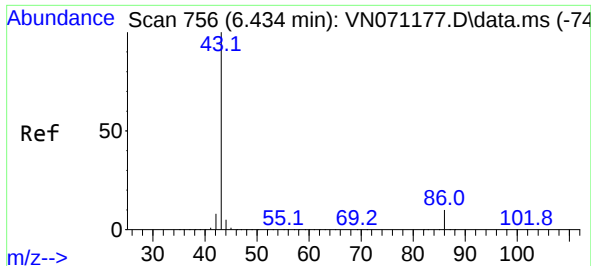
Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Tgt Ion: 45 Resp: 1260861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 57.0  | 51.7  | 77.5  |
| 87  | 24.7  | 23.2  | 34.8  |
| 59  | 11.1  | 9.4   | 14.0  |

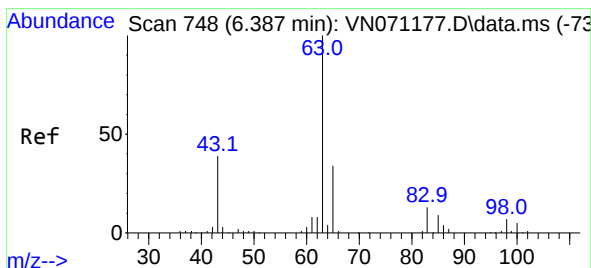
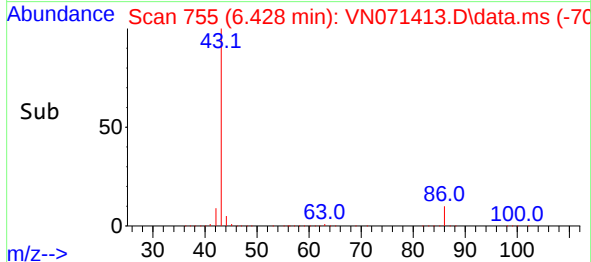
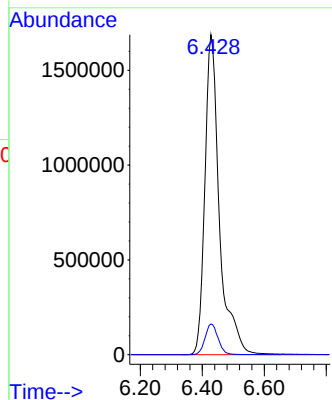
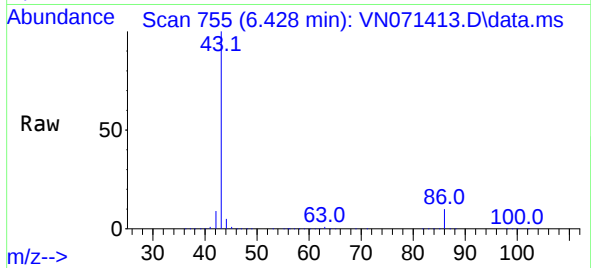




#23  
 Vinyl Acetate  
 Concen: 254.285 ug/l  
 RT: 6.428 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VN071413.D  
 Acq: 19 Mar 2022 21:21

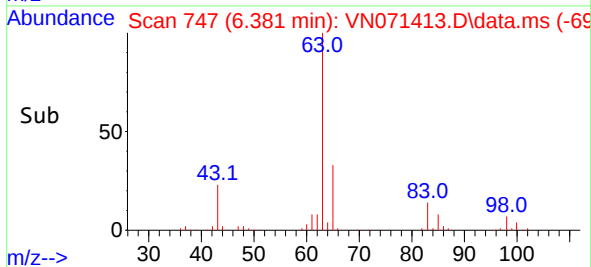
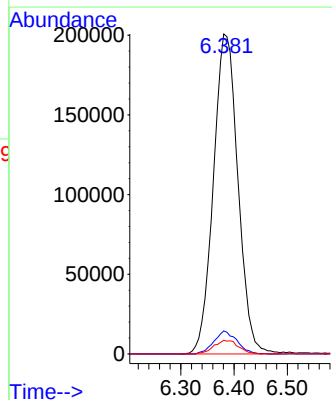
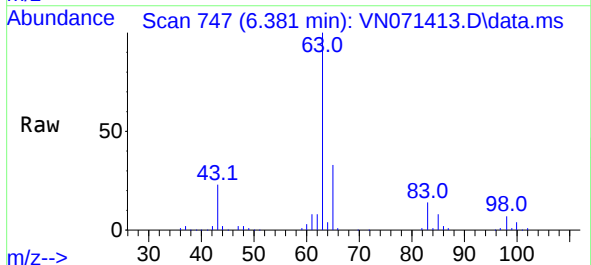
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

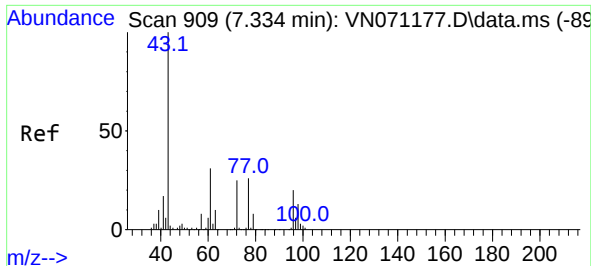
Tgt Ion: 43 Resp: 5495625  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 47.681 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.006 min  
 Lab File: VN071413.D  
 Acq: 19 Mar 2022 21:21

Tgt Ion: 63 Resp: 643196  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.3 9.9  
 100 4.2 2.1 6.5

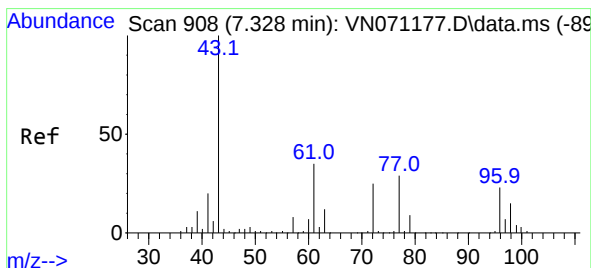
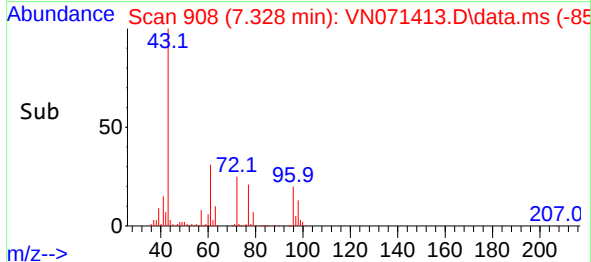
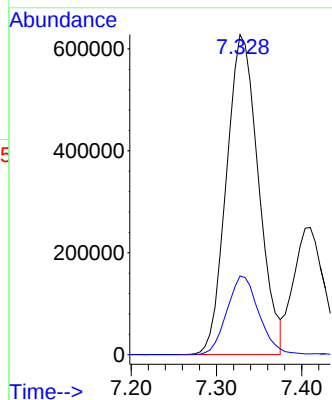
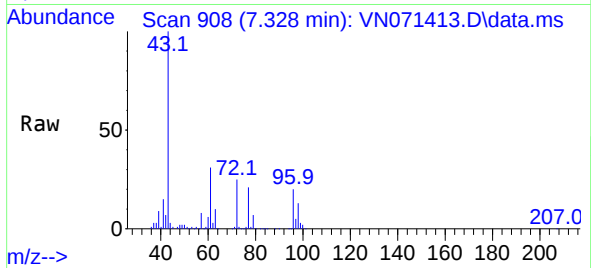




#25  
2-Butanone  
Concen: 257.508 ug/l  
RT: 7.328 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

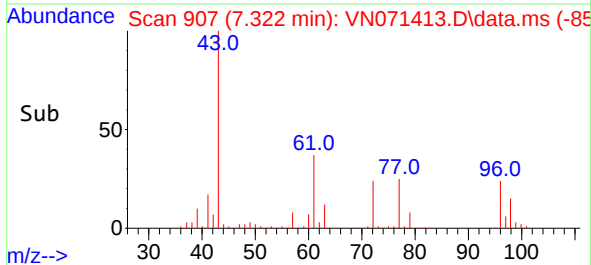
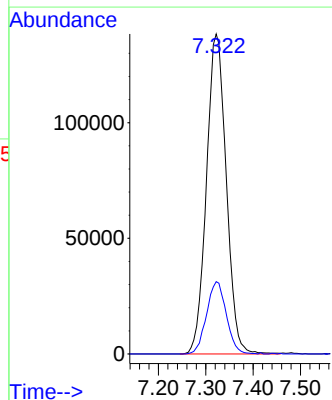
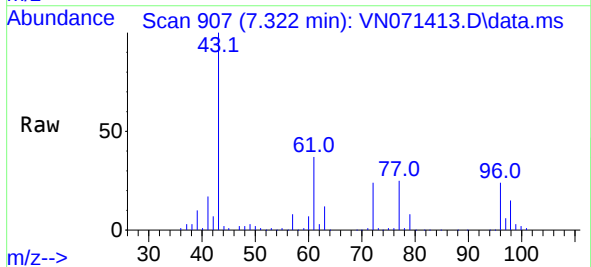
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 1643907  
Ion Ratio Lower Upper  
43 100  
72 24.6 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 38.561 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 77 Resp: 401301  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.6 34.8

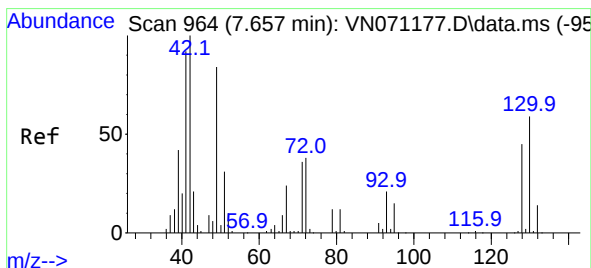
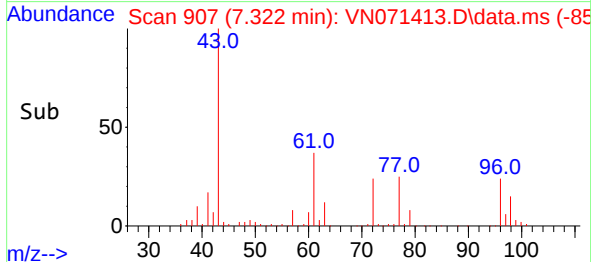
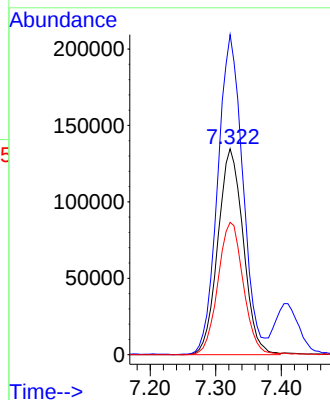
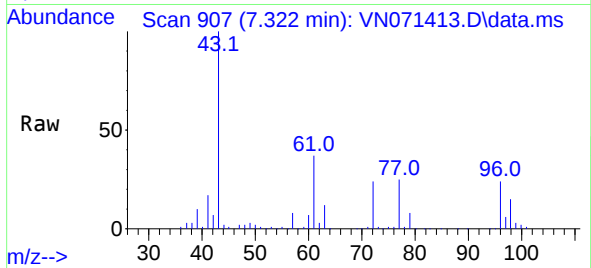




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.736 ug/l  
 RT: 7.322 min Scan# 908  
 Delta R.T. -0.006 min  
 Lab File: VN071413.D  
 Acq: 19 Mar 2022 21:21

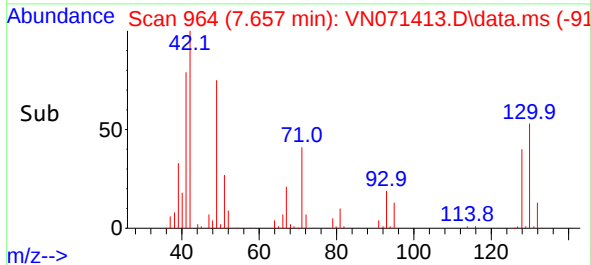
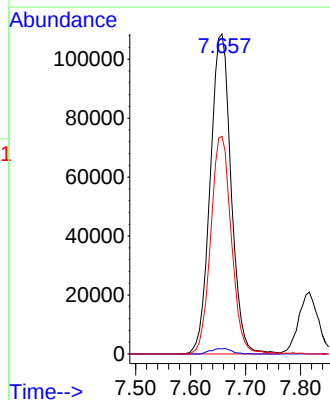
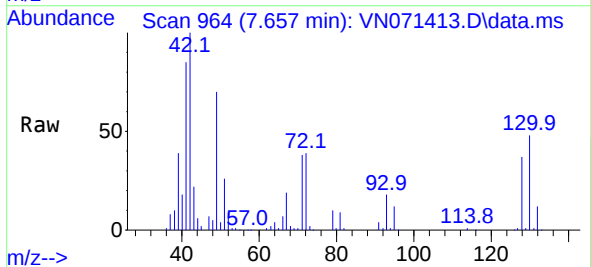
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

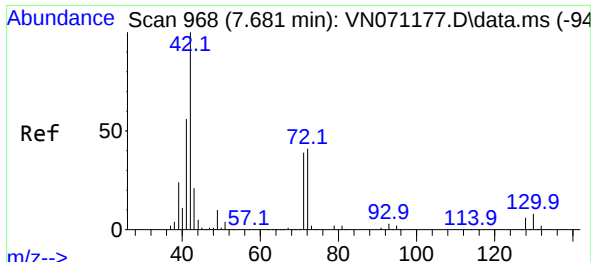
Tgt Ion: 96 Resp: 361477  
 Ion Ratio Lower Upper  
 96 100  
 61 153.8 0.0 275.0  
 98 64.1 0.0 129.6



#28  
 Bromochloromethane  
 Concen: 47.692 ug/l  
 RT: 7.657 min Scan# 964  
 Delta R.T. -0.000 min  
 Lab File: VN071413.D  
 Acq: 19 Mar 2022 21:21

Tgt Ion: 49 Resp: 286494  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 4.0  
 130 67.2 67.8 101.8#





#29

Tetrahydrofuran

Concen: 250.306 ug/l

RT: 7.681 min Scan# 910

Delta R.T. -0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

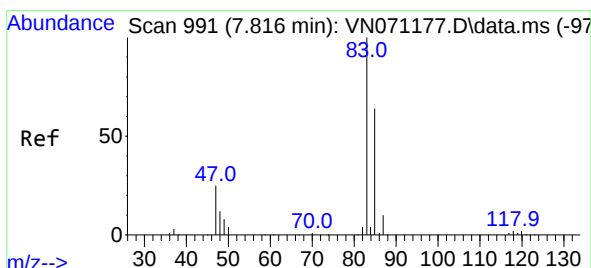
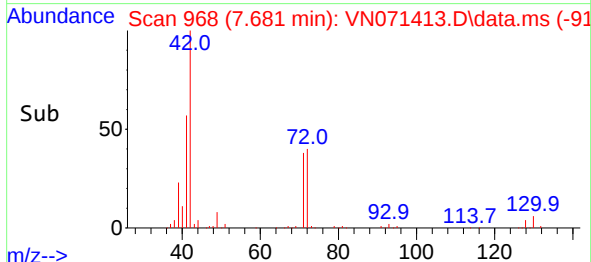
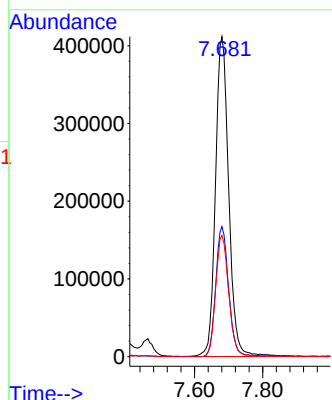
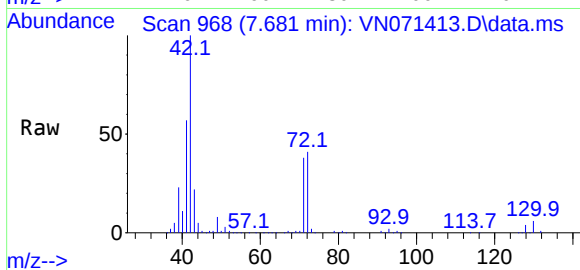
MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1107010

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 39.7  | 36.3  | 54.5  |
| 71  | 37.4  | 34.7  | 52.1  |



#30

Chloroform

Concen: 48.153 ug/l

RT: 7.816 min Scan# 991

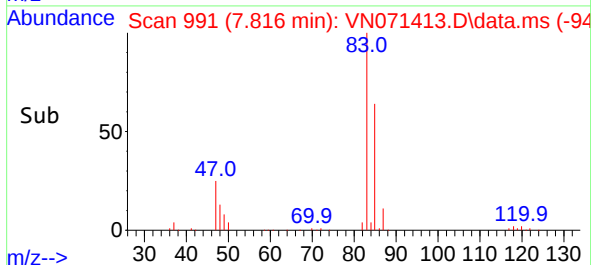
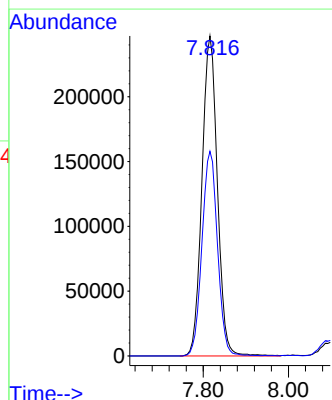
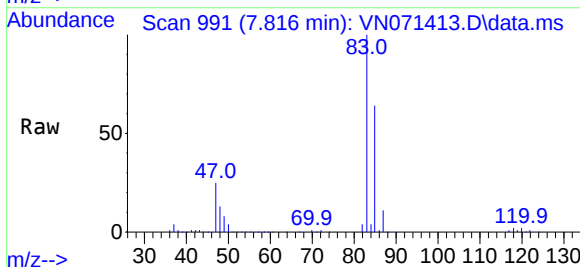
Delta R.T. -0.000 min

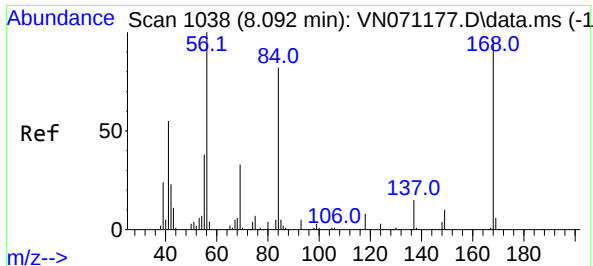
Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Tgt Ion: 83 Resp: 619538

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.0  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 43.932 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

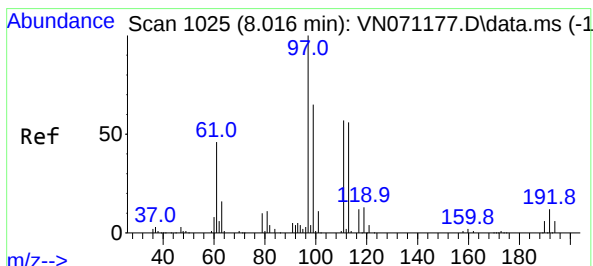
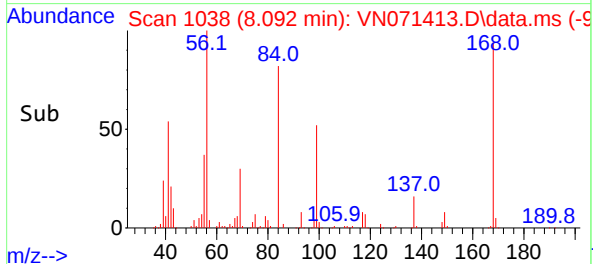
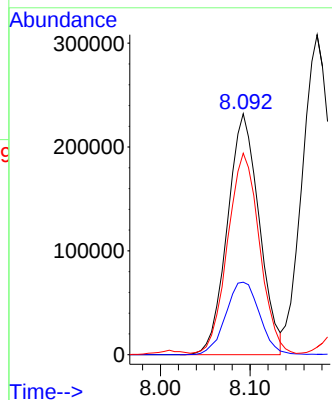
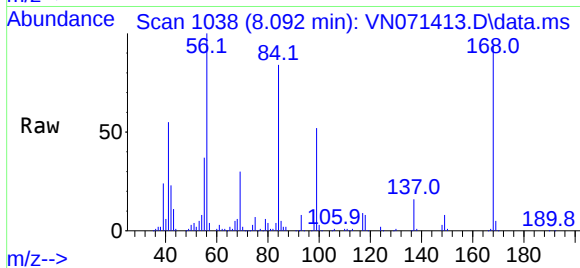
Tgt Ion: 56 Resp: 571395

Ion Ratio Lower Upper

56 100

69 30.1 27.1 40.7

84 82.4 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 48.182 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

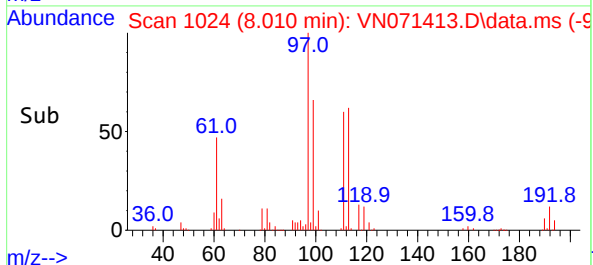
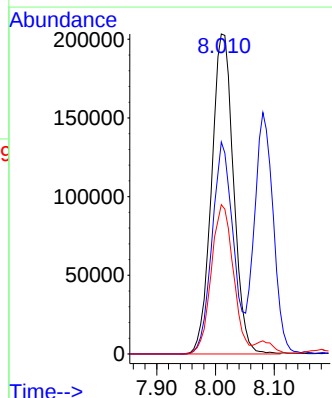
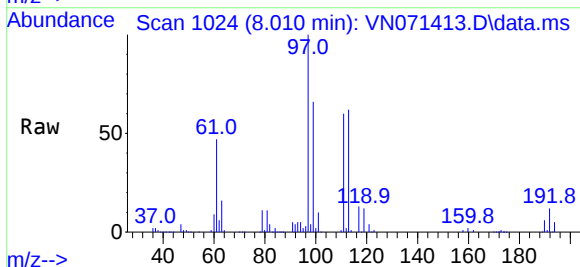
Tgt Ion: 97 Resp: 528044

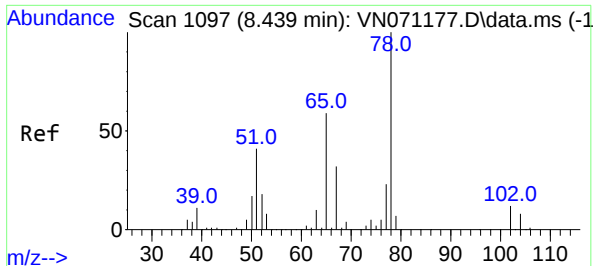
Ion Ratio Lower Upper

97 100

99 64.2 50.1 75.1

61 47.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.814 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

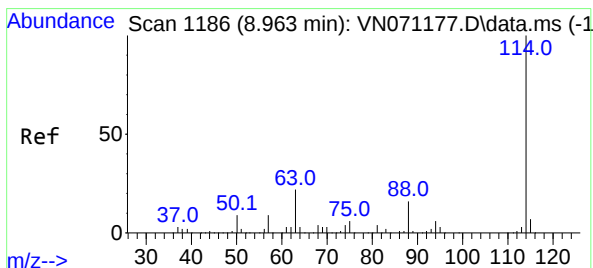
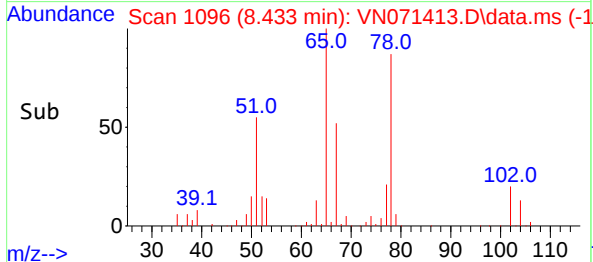
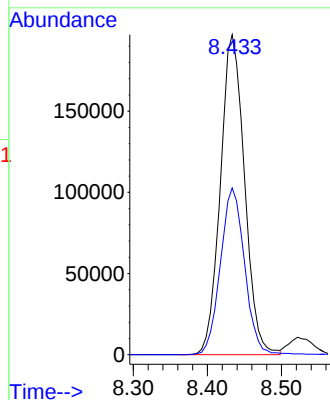
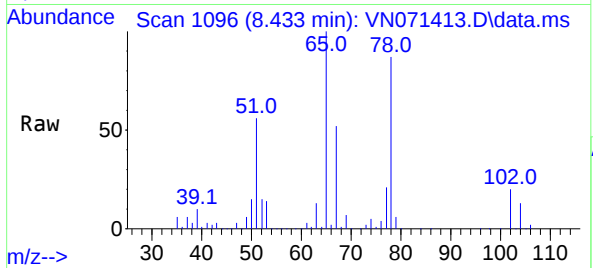
VSTDCCC050EC

Tgt Ion: 65 Resp: 446450

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

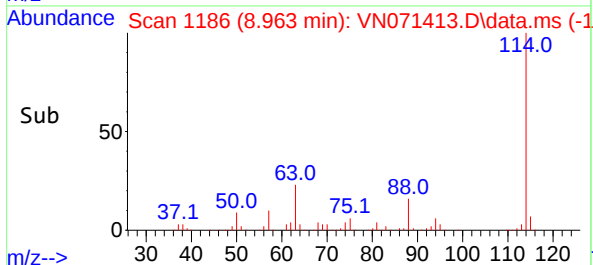
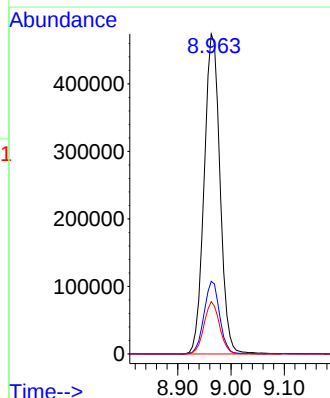
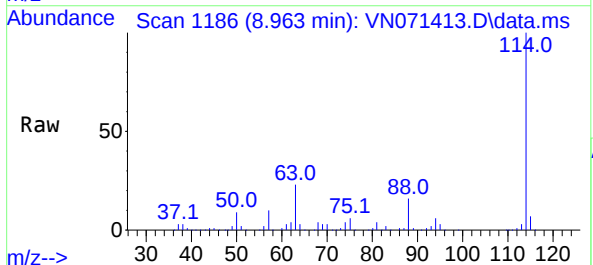
Tgt Ion: 114 Resp: 980373

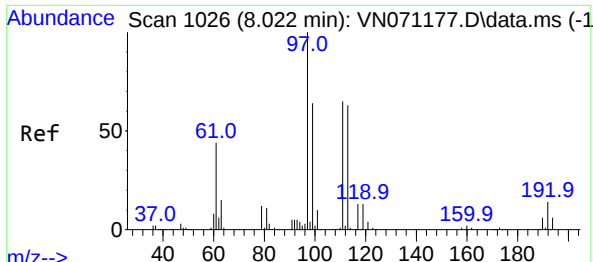
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.3 0.0 27.4

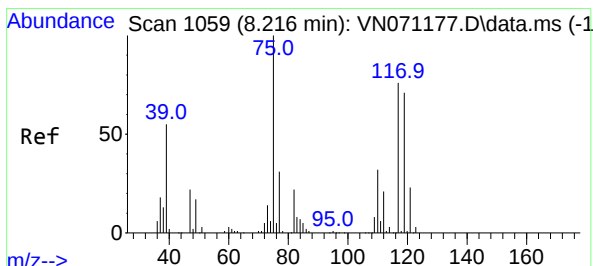
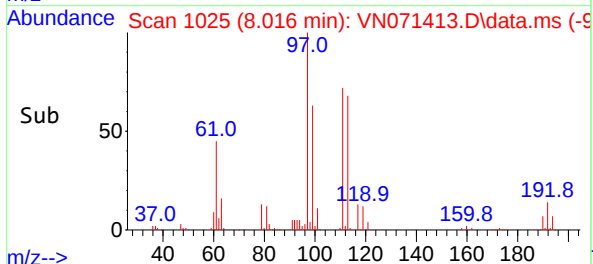
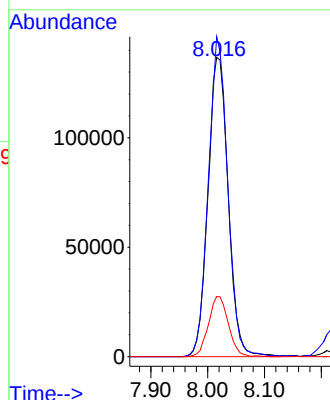
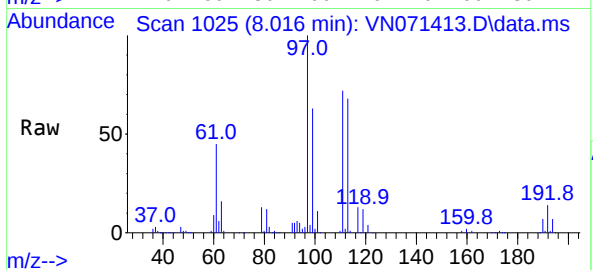




#35  
Dibromofluoromethane  
Concen: 54.556 ug/l  
RT: 8.016 min Scan# 1060  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

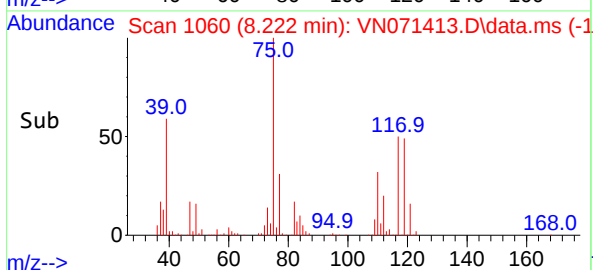
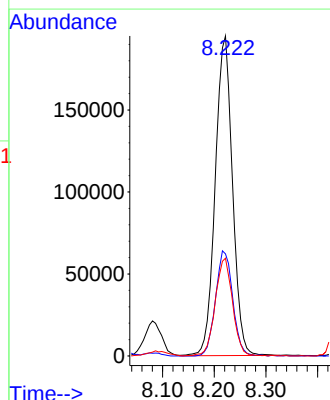
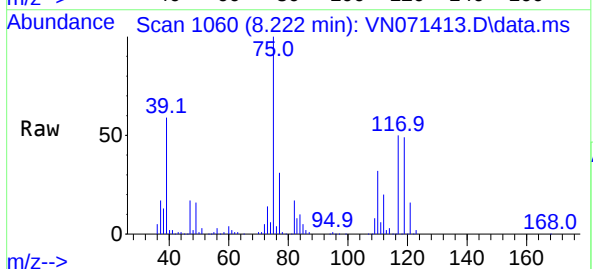
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

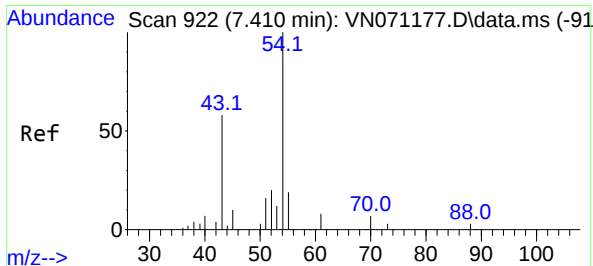
Tgt Ion:113 Resp: 337513  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.2  
192 19.8 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 45.524 ug/l  
RT: 8.222 min Scan# 1060  
Delta R.T. 0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 75 Resp: 451237  
Ion Ratio Lower Upper  
75 100  
110 32.9 18.4 55.2  
77 30.8 24.4 36.6

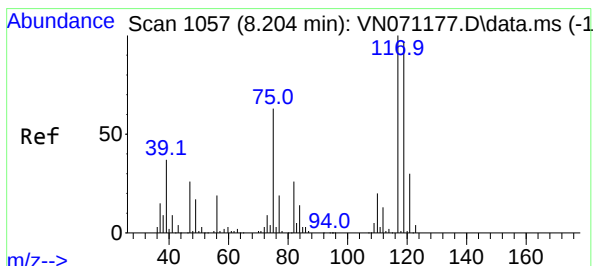
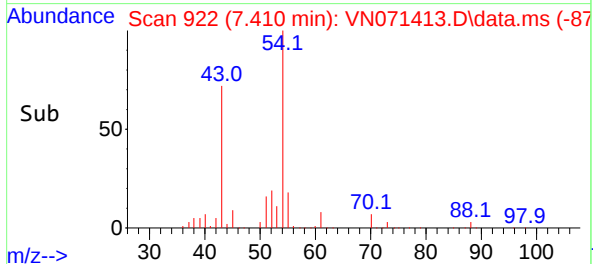
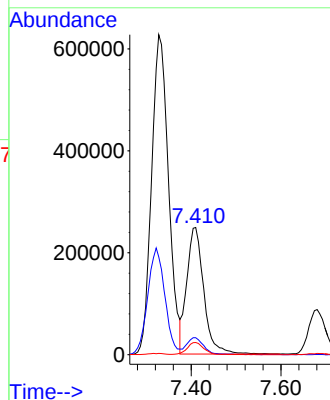
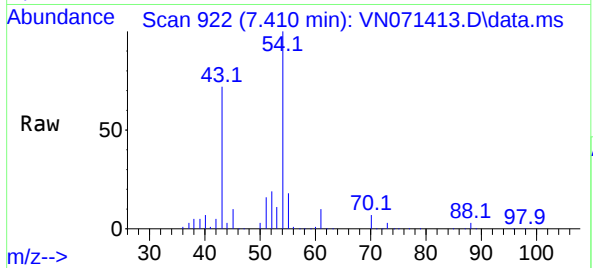




#37  
Ethyl Acetate  
Concen: 47.742 ug/l  
RT: 7.410 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

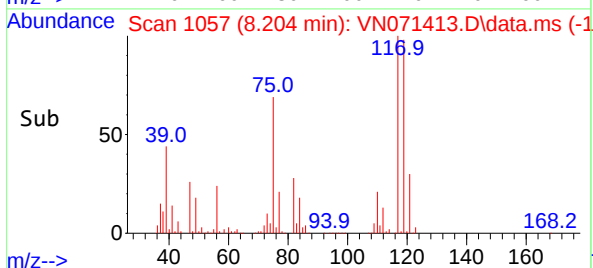
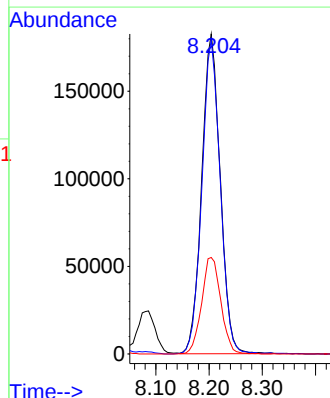
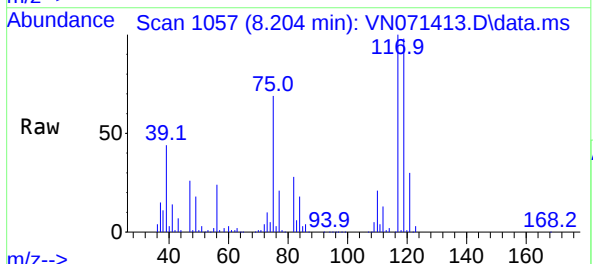
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

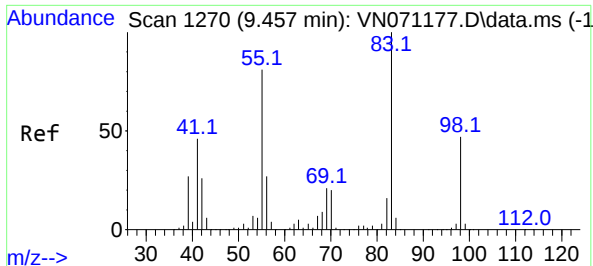
Tgt Ion: 43 Resp: 651270  
Ion Ratio Lower Upper  
43 100  
61 13.4 11.5 17.3  
70 9.6 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 45.953 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 117 Resp: 440572  
Ion Ratio Lower Upper  
117 100  
119 98.1 76.1 114.1  
121 30.2 24.2 36.2

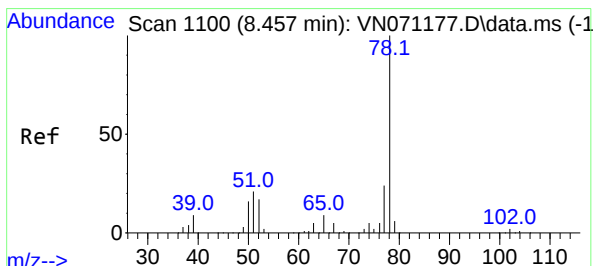
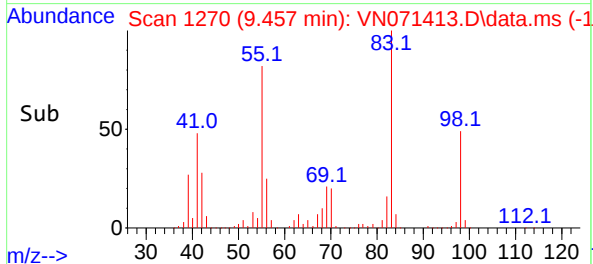
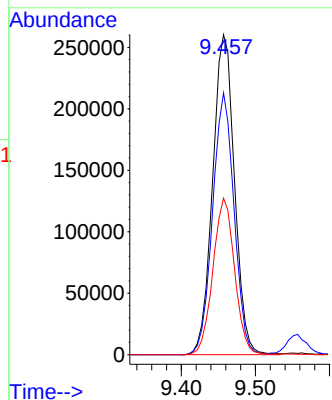
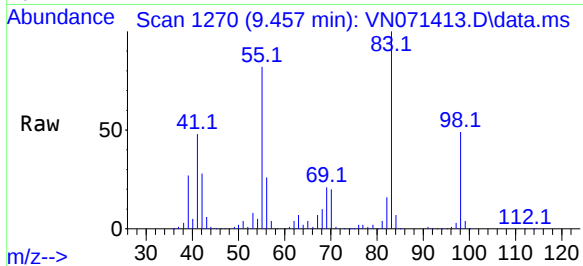




#39  
Methylcyclohexane  
Concen: 45.789 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

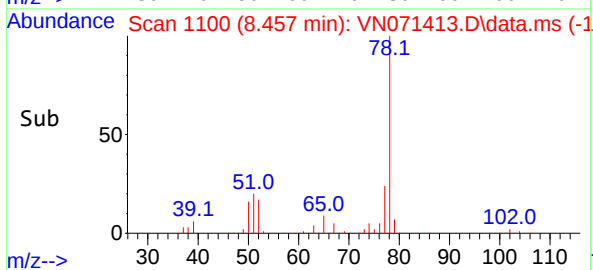
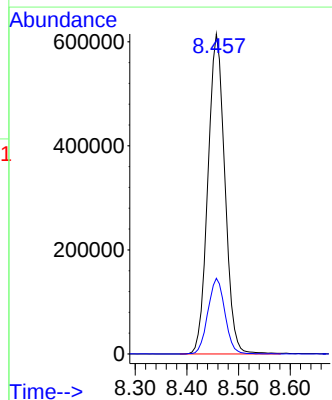
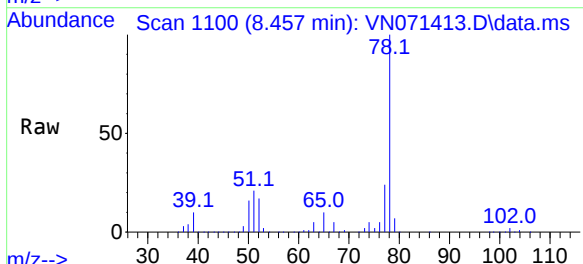
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 533926  
Ion Ratio Lower Upper  
83 100  
55 81.8 58.1 87.1  
98 48.9 38.4 57.6



#40  
Benzene  
Concen: 46.811 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 78 Resp: 1397996  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.6 27.8

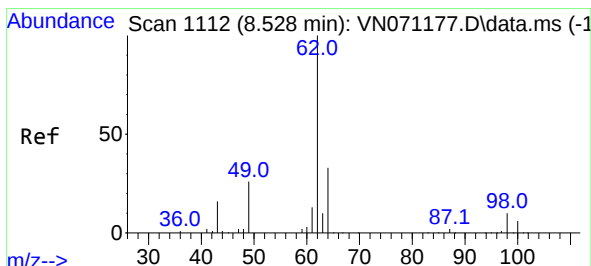
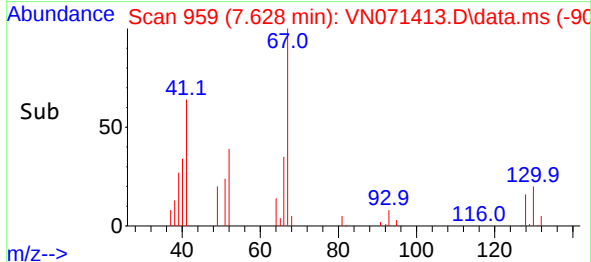
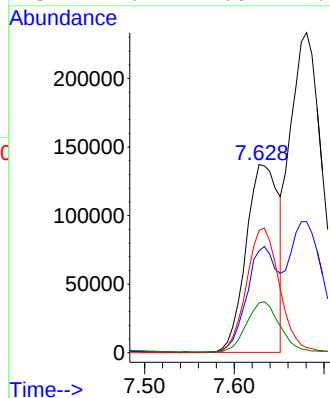
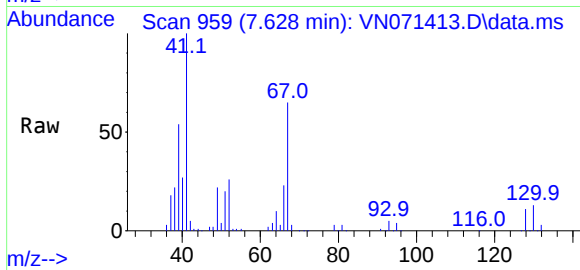




#41  
Methacrylonitrile  
Concen: 51.615 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

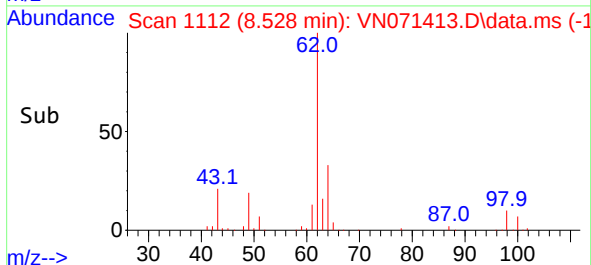
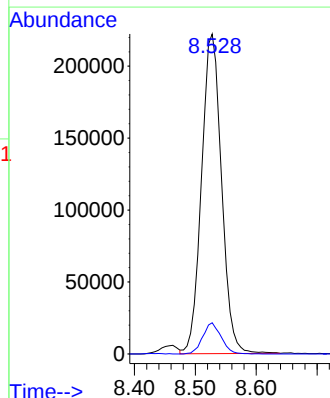
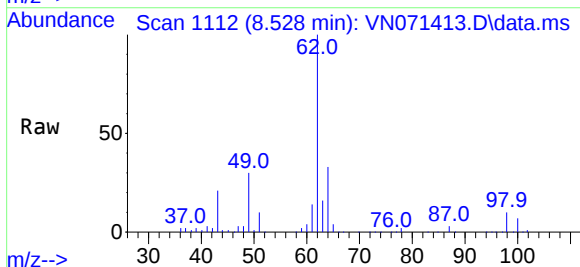
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 344574  
Ion Ratio Lower Upper  
41 100  
39 53.4 48.1 72.1  
67 68.7 68.3 102.5  
52 27.9 29.6 44.4#



#42  
1,2-Dichloroethane  
Concen: 48.766 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 62 Resp: 506799  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 17.6

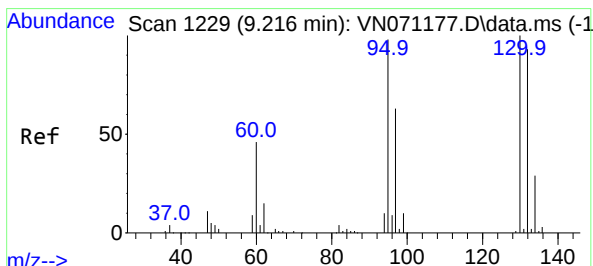
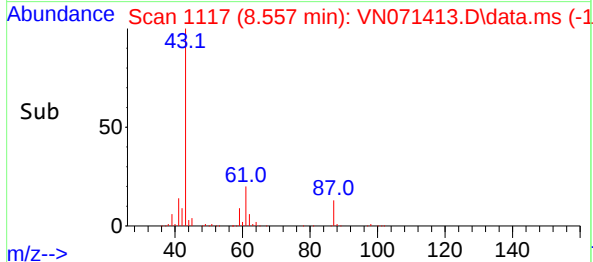
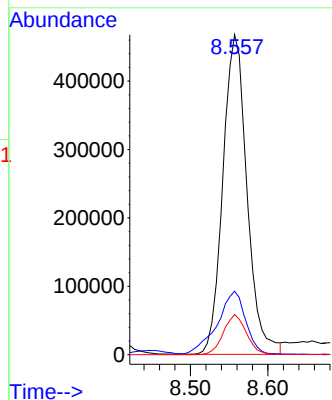
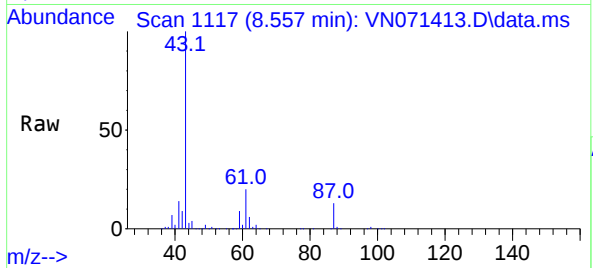




#43  
Isopropyl Acetate  
Concen: 49.762 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

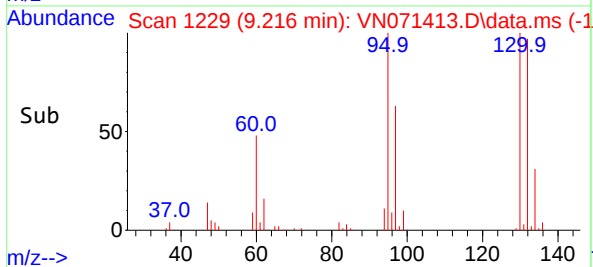
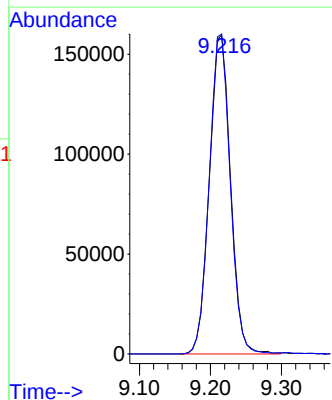
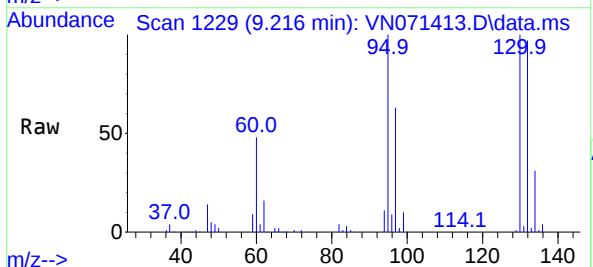
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

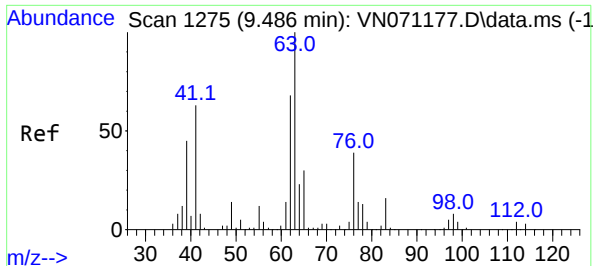
Tgt Ion: 43 Resp: 1015136  
Ion Ratio Lower Upper  
43 100  
61 23.4 20.4 30.6  
87 11.9 11.2 16.8



#44  
Trichloroethene  
Concen: 46.890 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:130 Resp: 330410  
Ion Ratio Lower Upper  
130 100  
95 100.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 47.745 ug/l

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

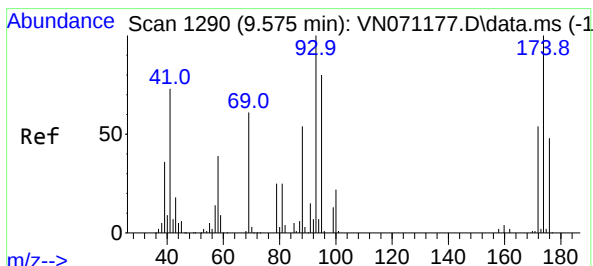
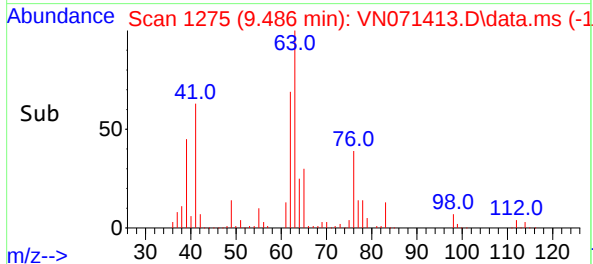
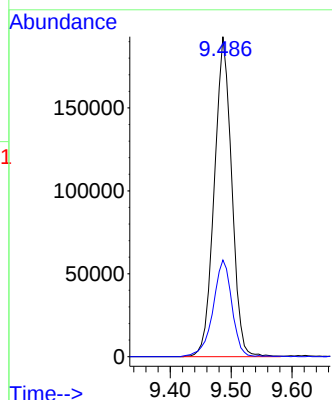
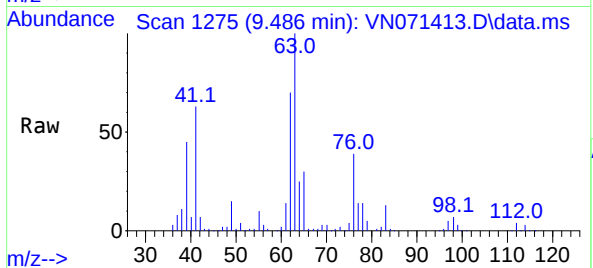
VSTDCCC050EC

Tgt Ion: 63 Resp: 382766

Ion Ratio Lower Upper

63 100

65 30.2 24.7 37.1



#46

Dibromomethane

Concen: 48.443 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

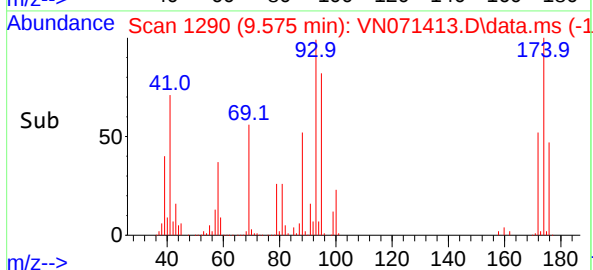
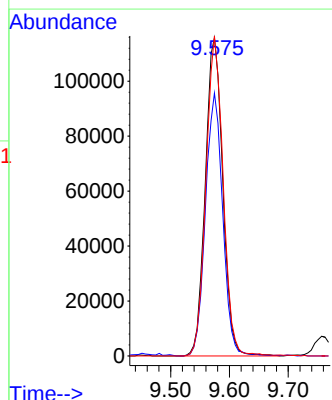
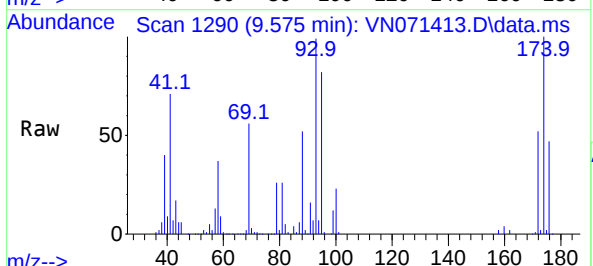
Tgt Ion: 93 Resp: 239033

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 98.9 84.6 127.0

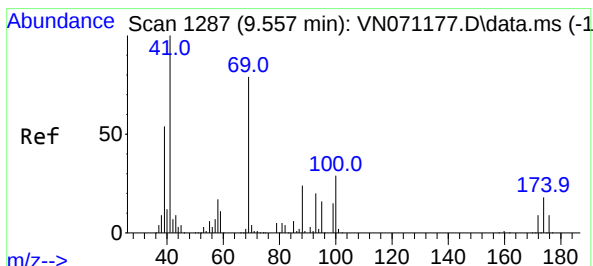
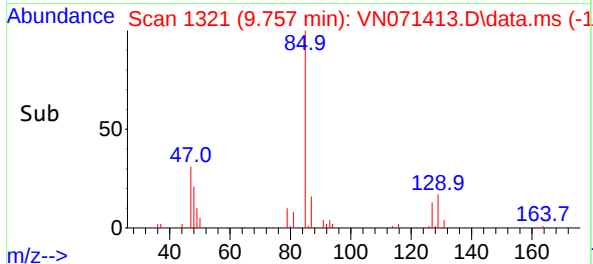
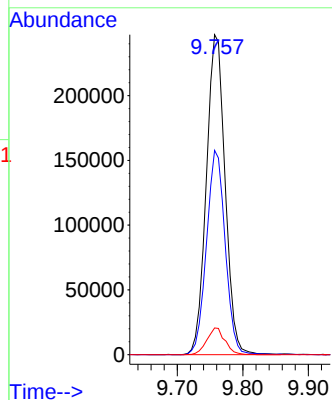
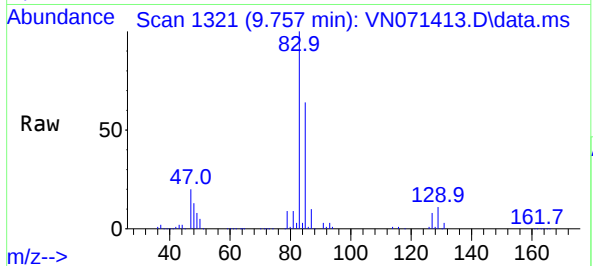




#47  
Bromodichloromethane  
Concen: 49.394 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

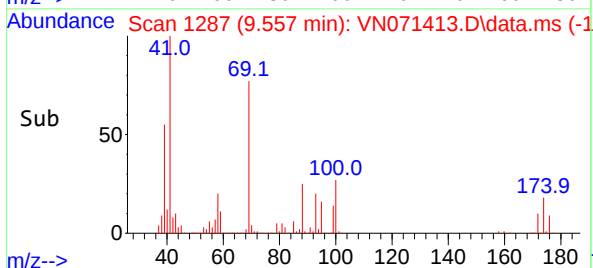
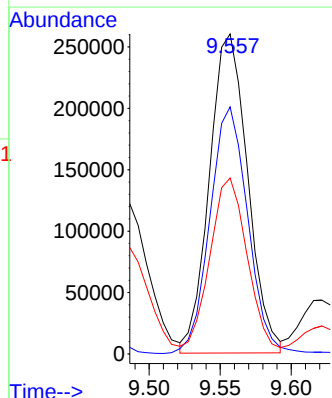
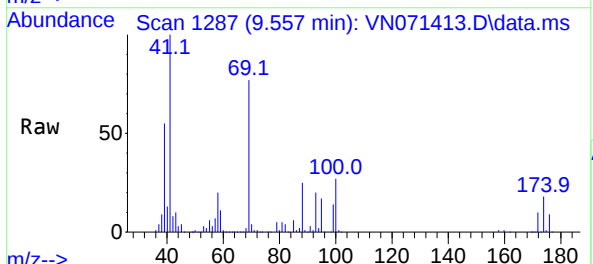
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

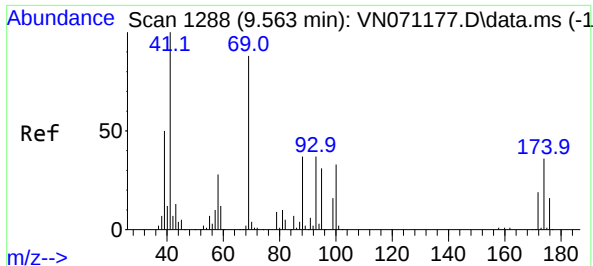
Tgt Ion: 83 Resp: 492544  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.9 76.3  
127 8.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 51.494 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 41 Resp: 486804  
Ion Ratio Lower Upper  
41 100  
69 76.8 72.4 108.6  
39 54.2 58.4 87.6#

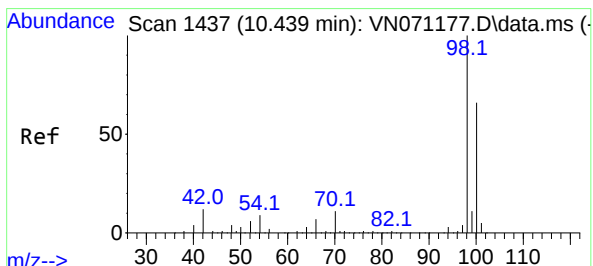
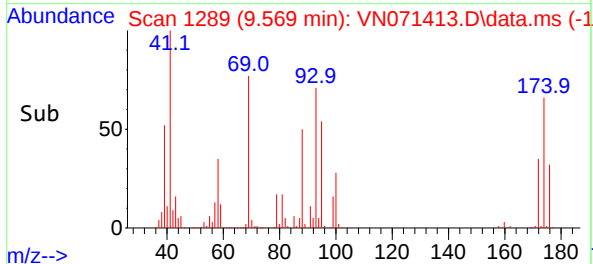
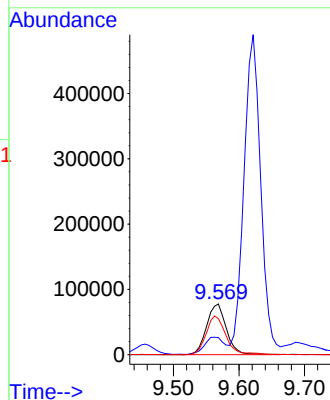
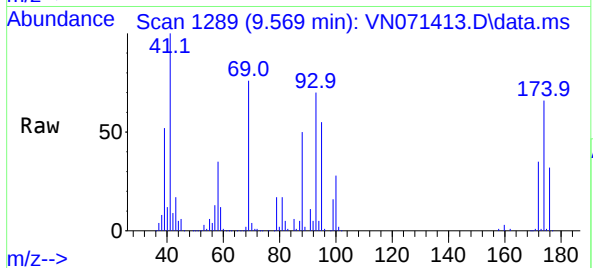




#49  
1,4-Dioxane  
Concen: 992.230 ug/l  
RT: 9.569 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

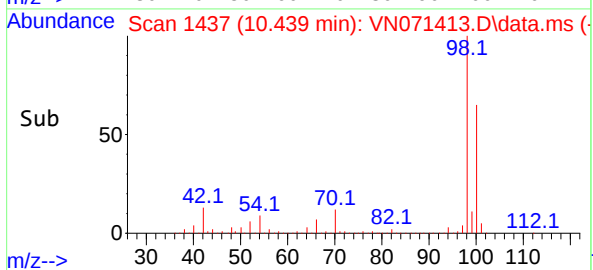
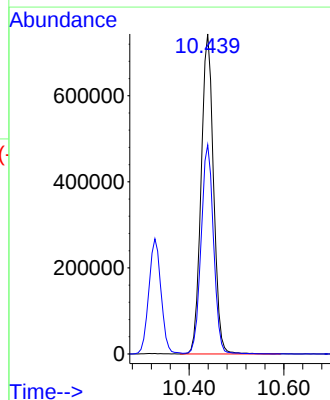
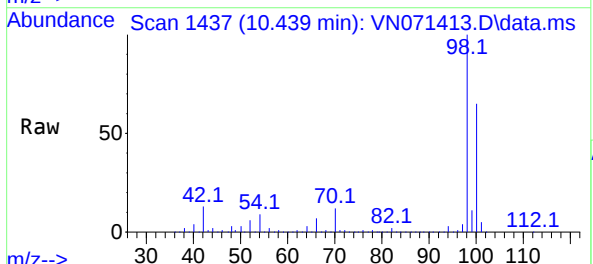
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 88 Resp: 163047  
Ion Ratio Lower Upper  
88 100  
43 35.5 23.4 35.2#  
58 77.0 50.6 75.8#



#50  
Toluene-d8  
Concen: 54.289 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 98 Resp: 1352278  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 264.695 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

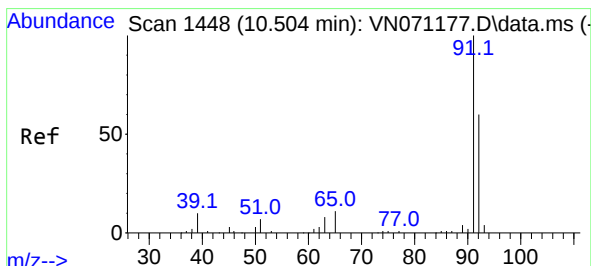
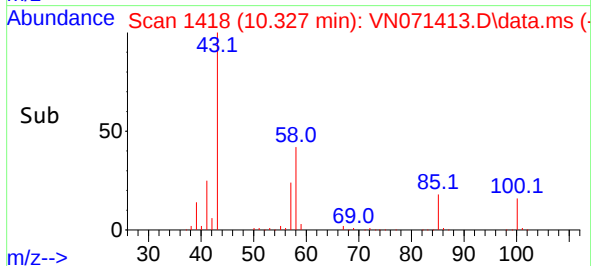
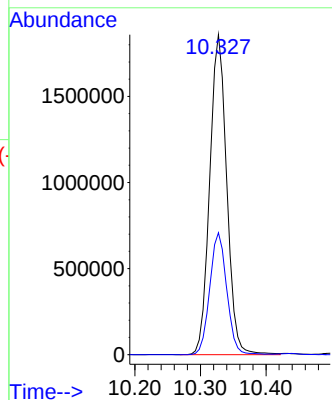
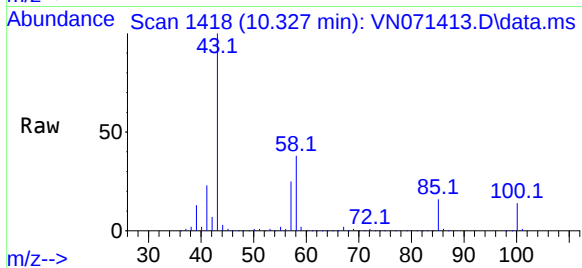
VSTDCCC050EC

Tgt Ion: 43 Resp: 3351081

Ion Ratio Lower Upper

43 100

58 38.1 30.4 45.6



#52

Toluene

Concen: 48.263 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN071413.D

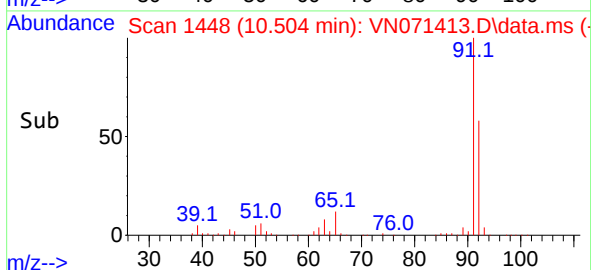
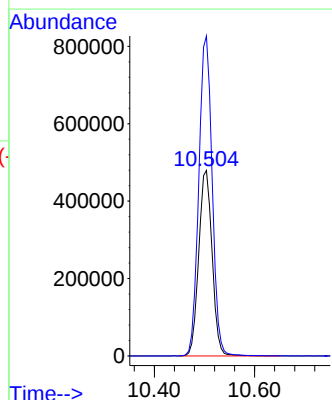
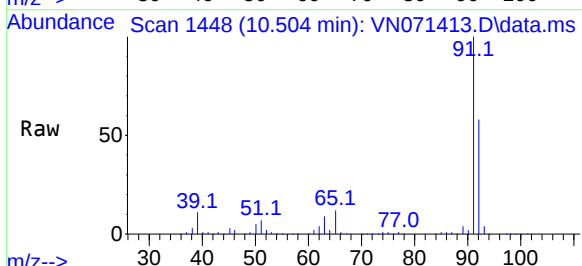
Acq: 19 Mar 2022 21:21

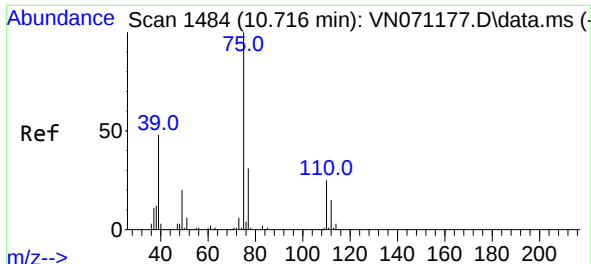
Tgt Ion: 92 Resp: 887555

Ion Ratio Lower Upper

92 100

91 172.3 142.0 213.0

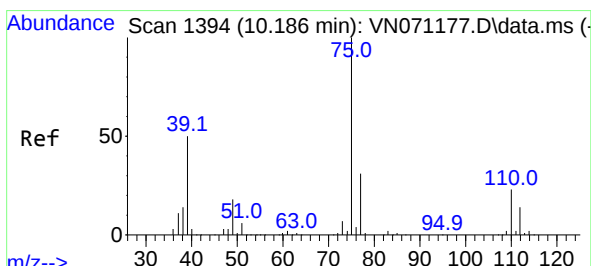
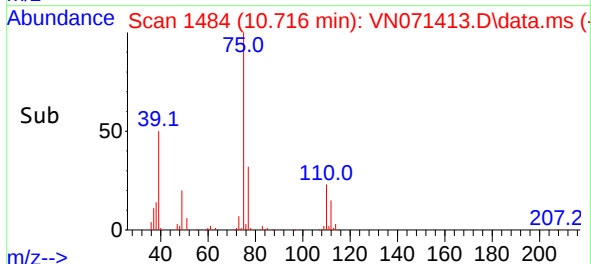
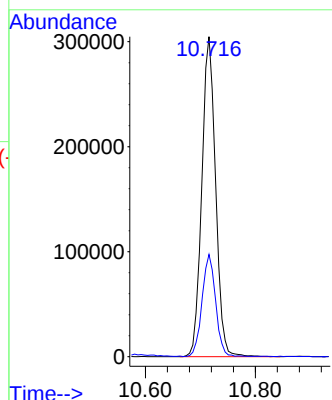
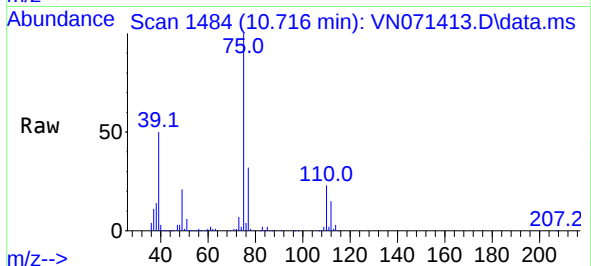




#53  
t-1,3-Dichloropropene  
Concen: 48.238 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

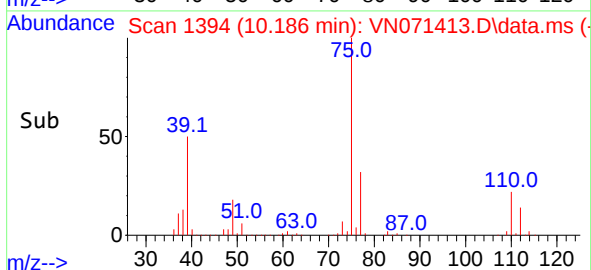
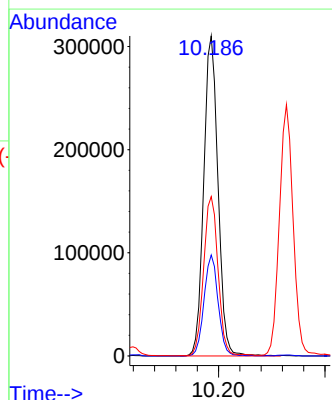
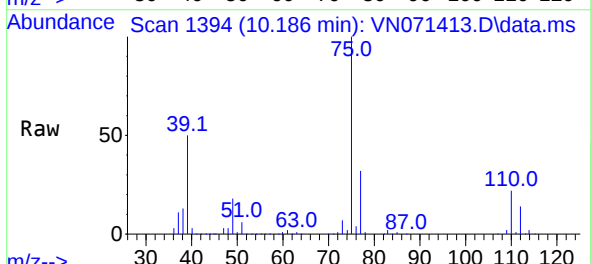
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

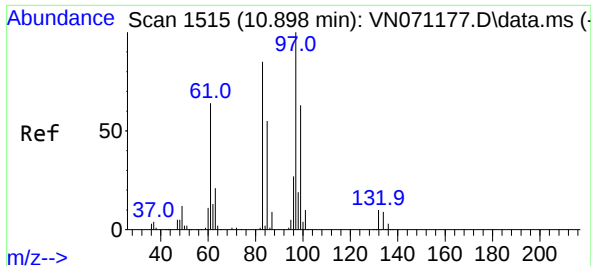
Tgt Ion: 75 Resp: 530245  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 47.929 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 75 Resp: 575663  
Ion Ratio Lower Upper  
75 100  
77 31.6 26.4 39.6  
39 49.7 42.5 63.7



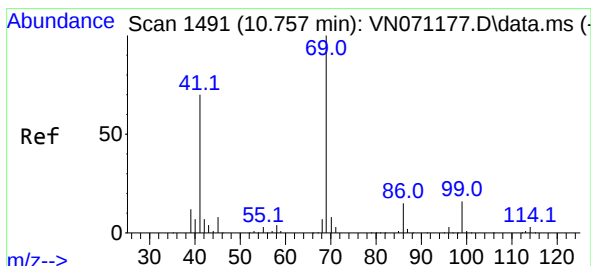
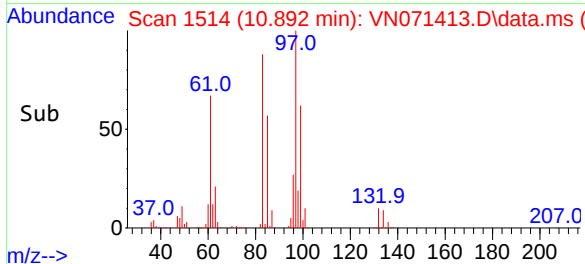
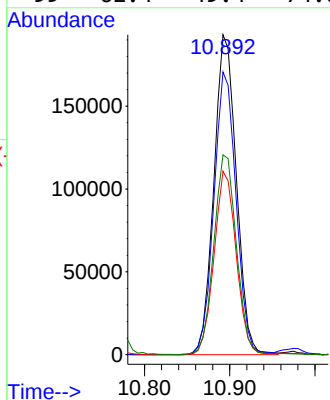
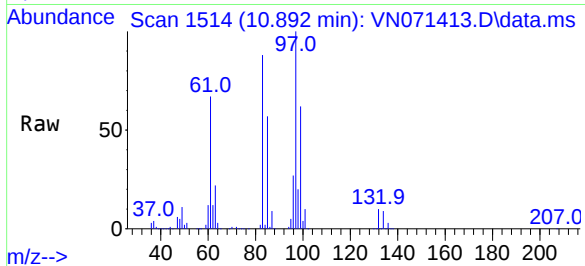


#55  
1,1,2-Trichloroethane  
Concen: 47.996 ug/l  
RT: 10.892 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 353688

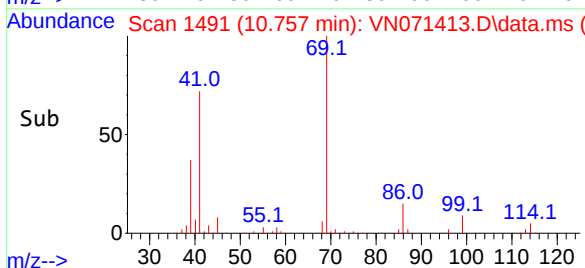
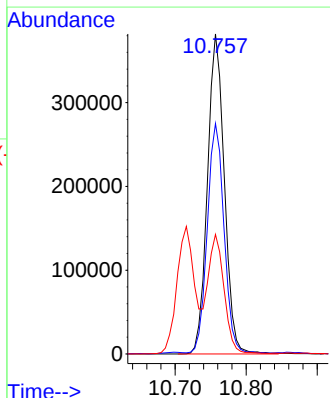
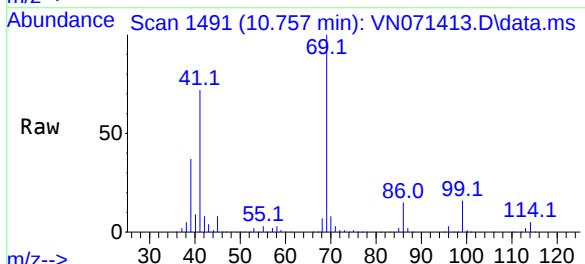
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.4  | 67.8  | 101.6 |
| 85  | 57.3  | 45.4  | 68.2  |
| 99  | 62.4  | 49.4  | 74.0  |

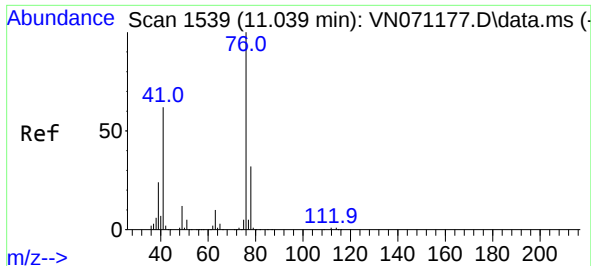


#56  
Ethyl methacrylate  
Concen: 52.472 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 69 Resp: 631454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.9  | 51.4  | 77.0  |
| 39  | 34.4  | 34.6  | 52.0  |





#57

1,3-Dichloropropane

Concen: 48.471 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071413.D

Acq: 19 Mar 2022 21:21

Instrument :

MSVOA\_N

ClientSampleId :

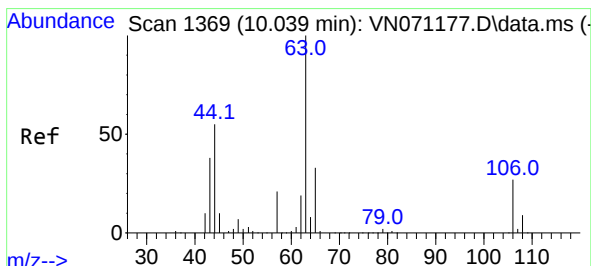
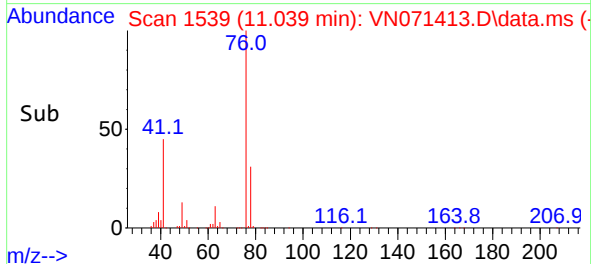
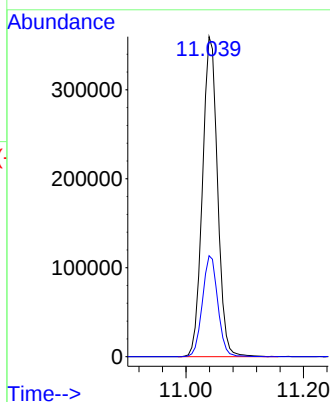
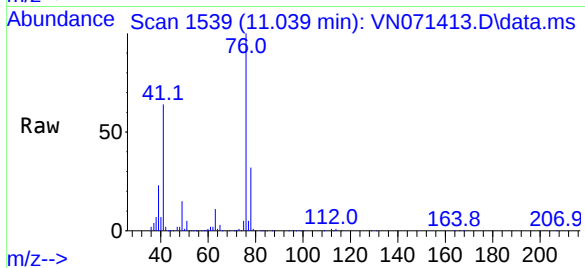
VSTDCCC050EC

Tgt Ion: 76 Resp: 641131

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 287.509 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071413.D

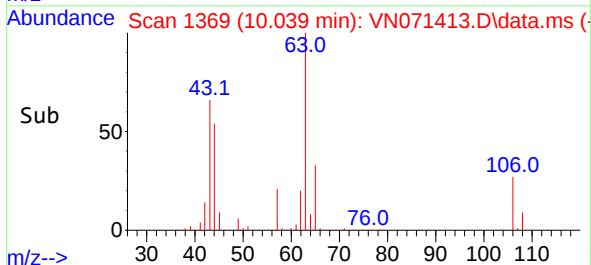
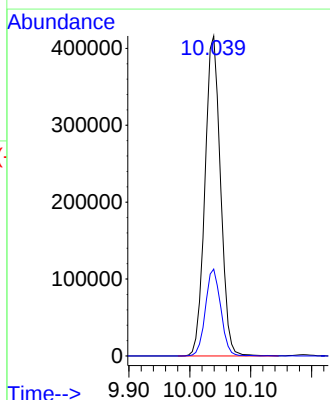
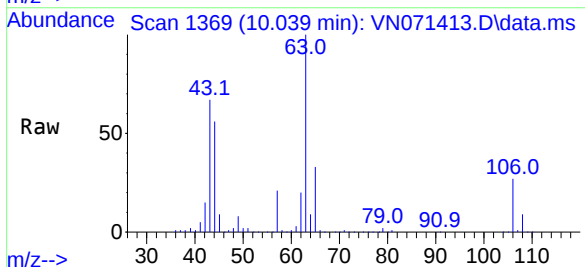
Acq: 19 Mar 2022 21:21

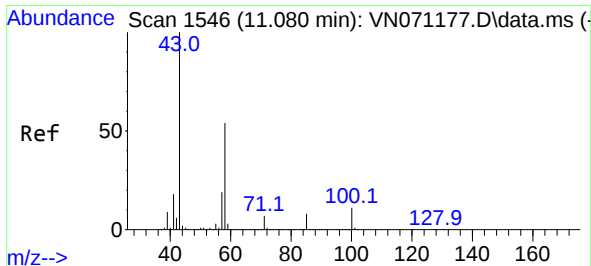
Tgt Ion: 63 Resp: 738809

Ion Ratio Lower Upper

63 100

106 26.7 23.9 35.9

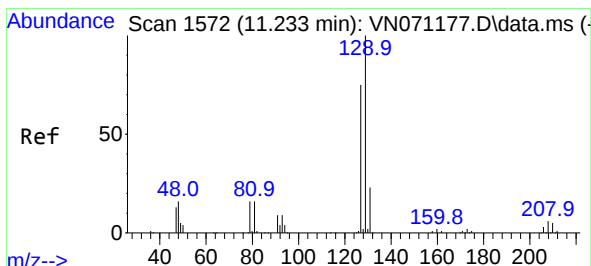
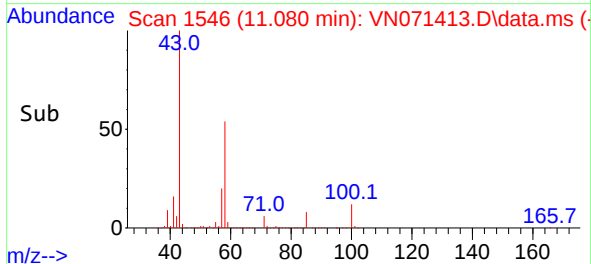
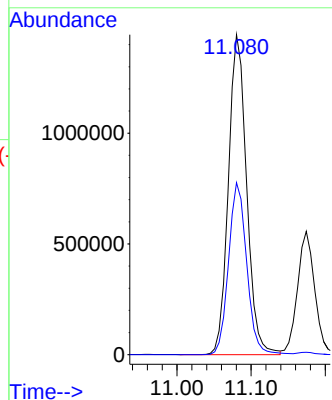
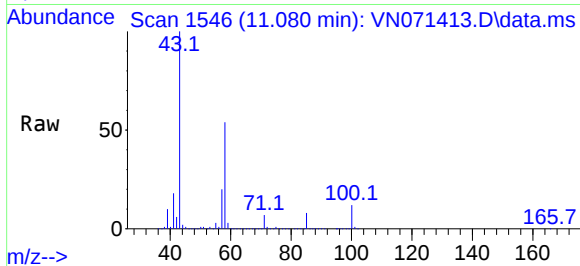




#59  
2-Hexanone  
Concen: 285.391 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

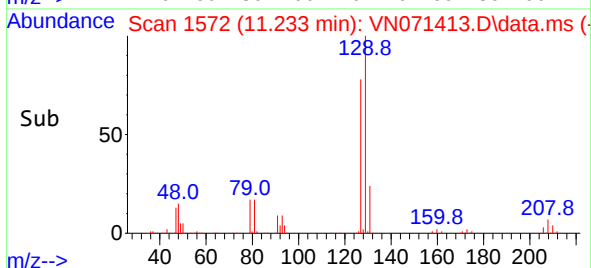
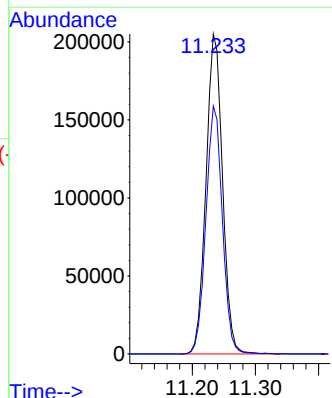
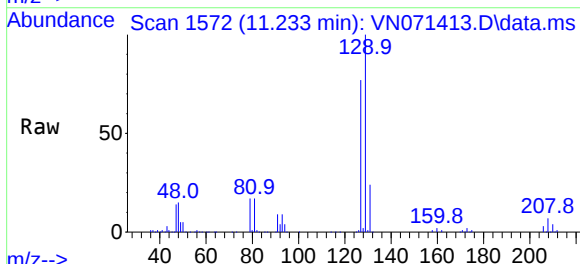
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

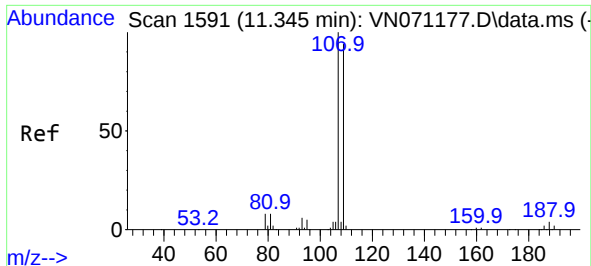
Tgt Ion: 43 Resp: 2465250  
Ion Ratio Lower Upper  
43 100  
58 53.6 26.9 80.7



#60  
Dibromochloromethane  
Concen: 50.967 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 129 Resp: 373175  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

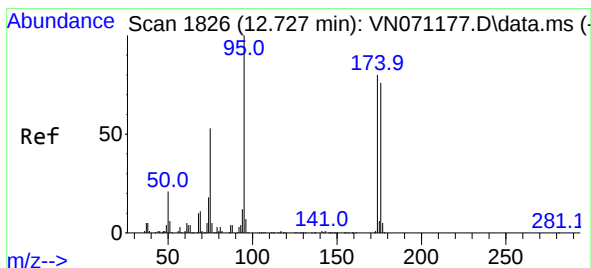
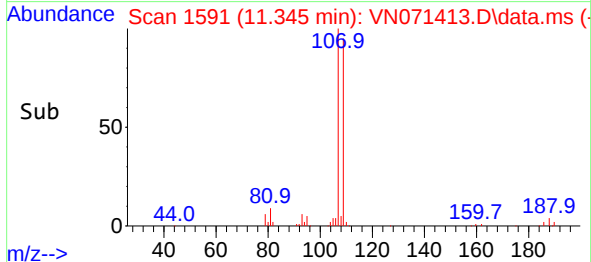
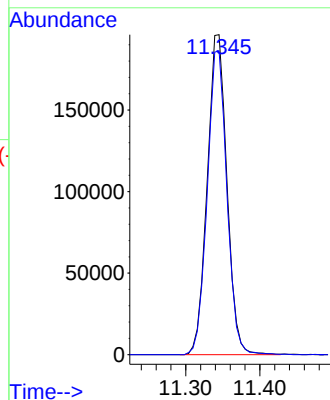
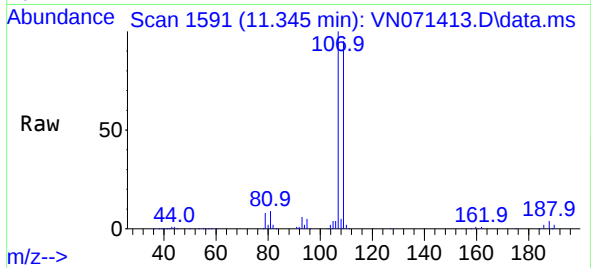




#61  
1,2-Dibromoethane  
Concen: 48.073 ug/l  
RT: 11.345 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

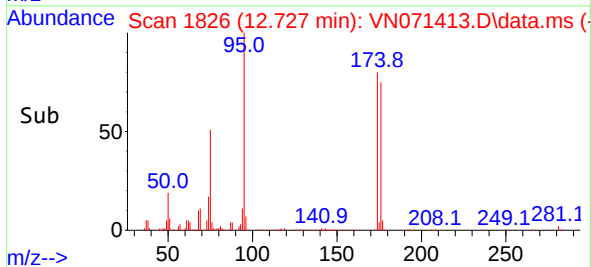
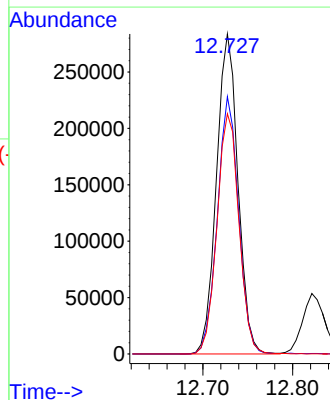
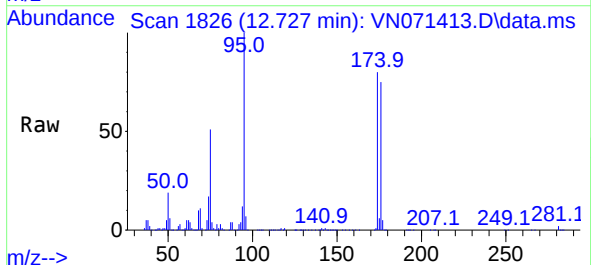
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

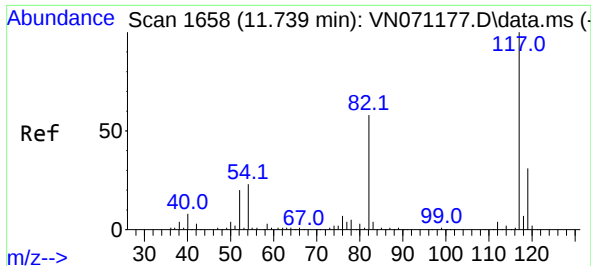
Tgt Ion:107 Resp: 362056  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 55.910 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 95 Resp: 471583  
Ion Ratio Lower Upper  
95 100  
174 79.5 0.0 187.2  
176 76.7 0.0 181.4

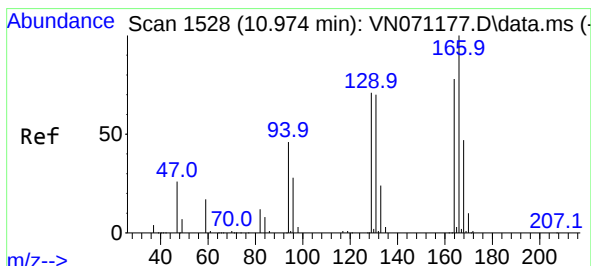
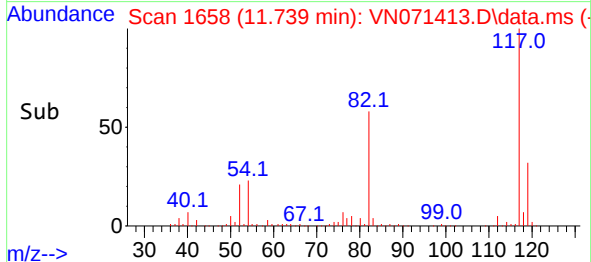
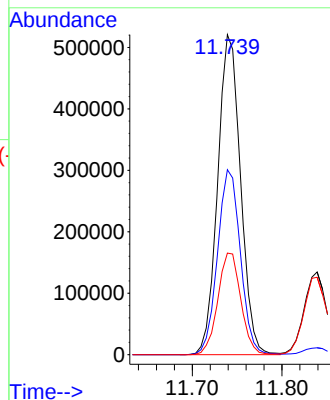
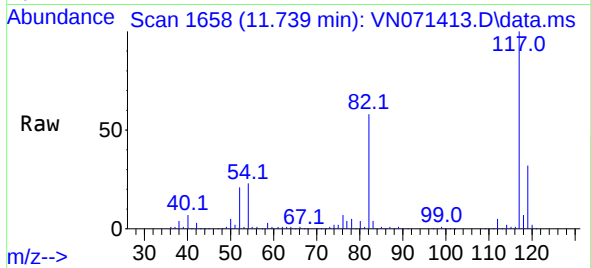




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

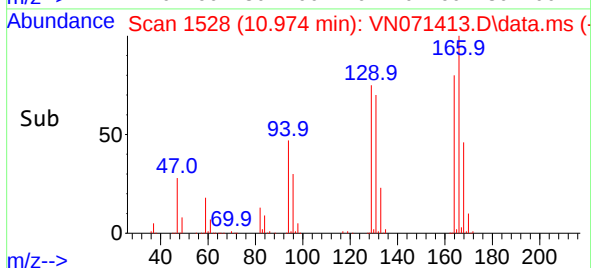
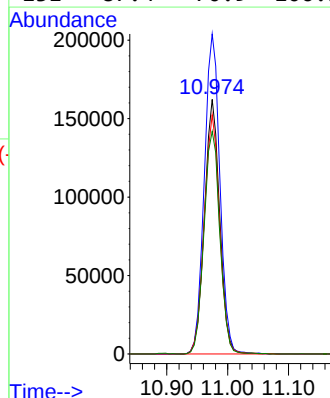
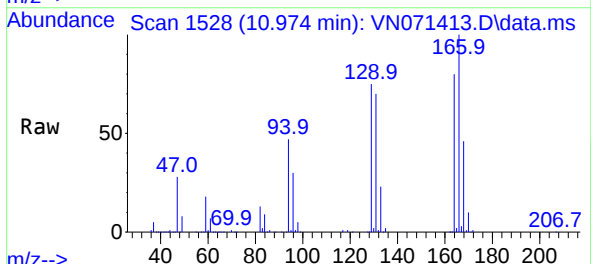
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:117 Resp: 922754  
Ion Ratio Lower Upper  
117 100  
82 57.8 42.4 63.6  
119 31.8 25.4 38.2



#64  
Tetrachloroethene  
Concen: 43.862 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:164 Resp: 282279  
Ion Ratio Lower Upper  
164 100  
166 125.7 101.9 152.9  
129 93.9 72.0 108.0  
131 87.4 70.9 106.3

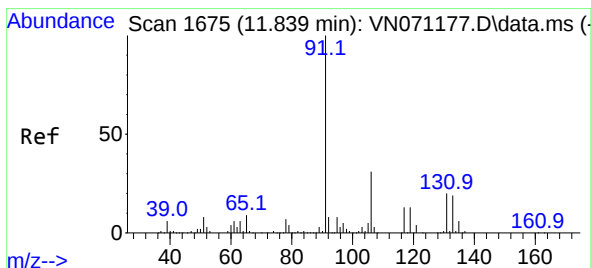
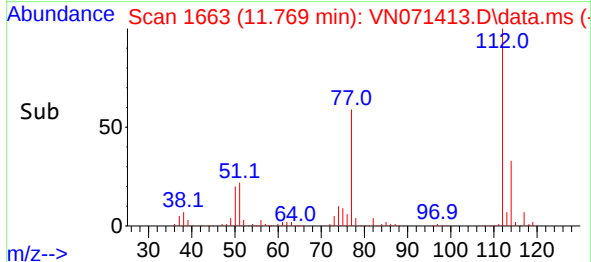
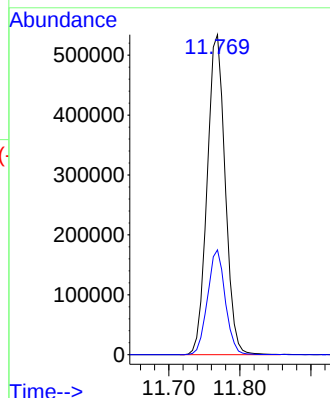
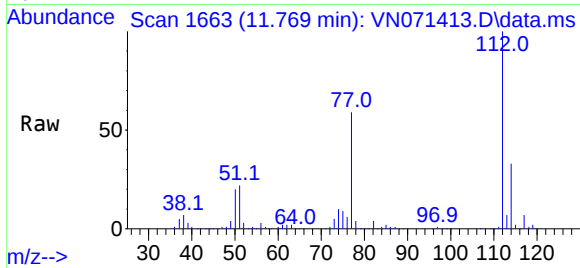




#65  
Chlorobenzene  
Concen: 47.472 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

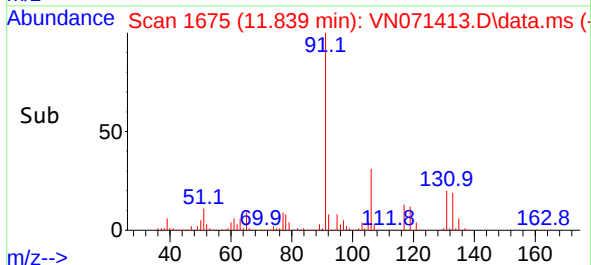
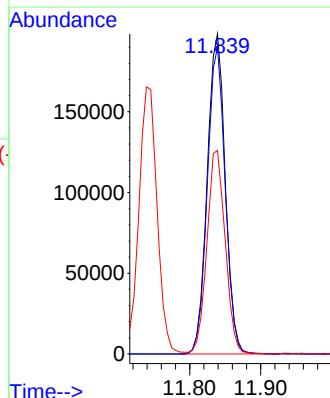
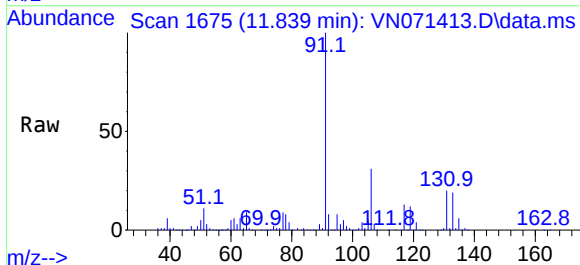
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

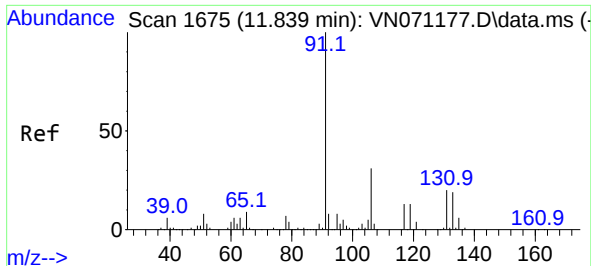
Tgt Ion:112 Resp: 940735  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.079 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:131 Resp: 349358  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.9 143.7  
119 64.6 32.1 96.5

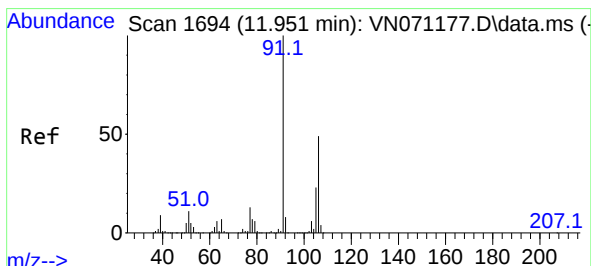
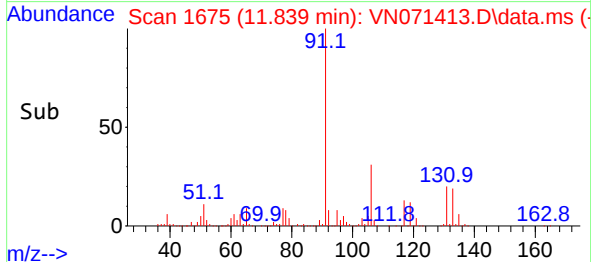
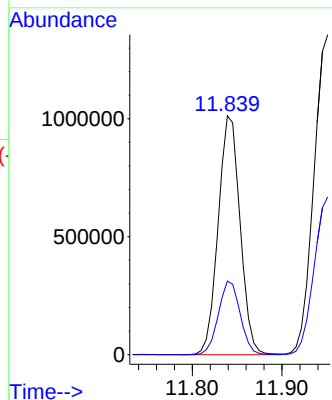
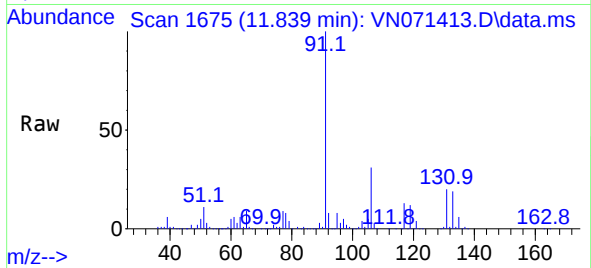




#67  
Ethyl Benzene  
Concen: 49.019 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

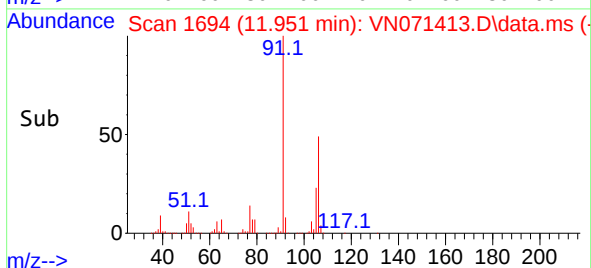
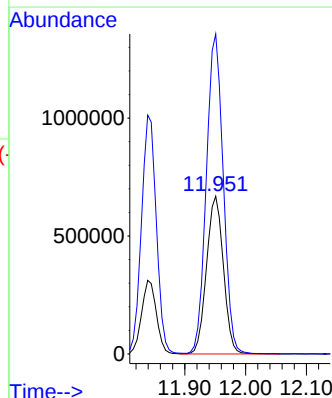
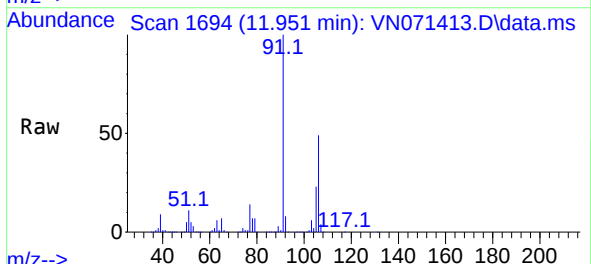
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 1717536  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.7 38.5



#68  
m/p-Xylenes  
Concen: 100.352 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:106 Resp: 1286316  
Ion Ratio Lower Upper  
106 100  
91 203.2 160.6 240.8

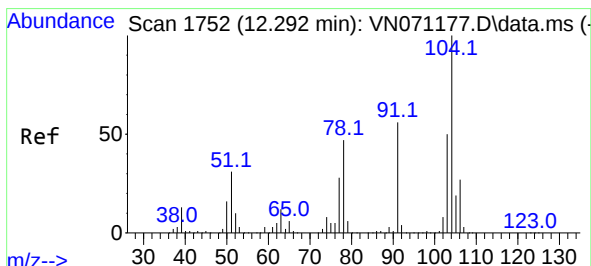
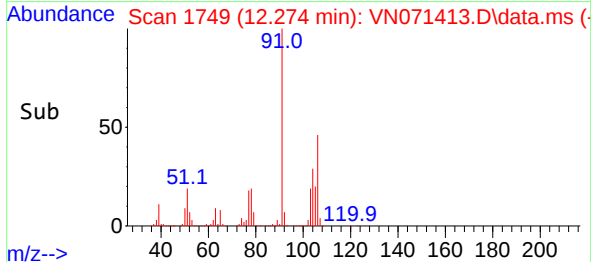
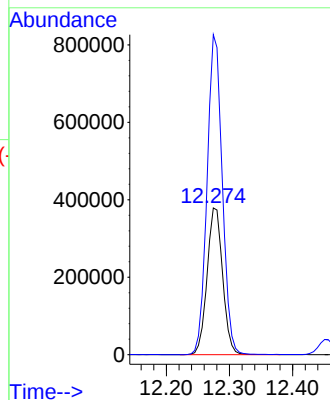
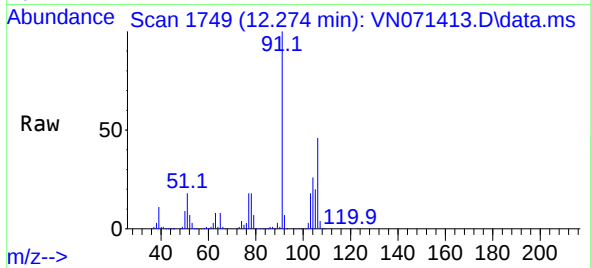




#69  
o-Xylene  
Concen: 50.504 ug/l  
RT: 12.274 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

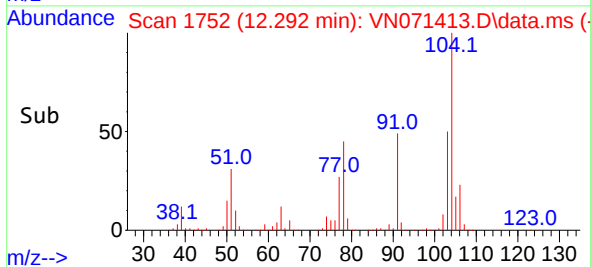
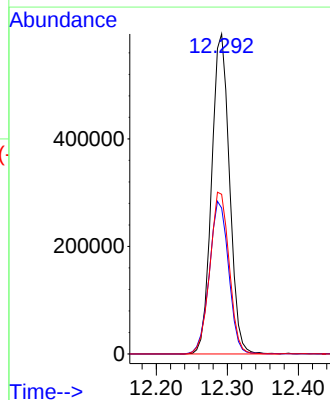
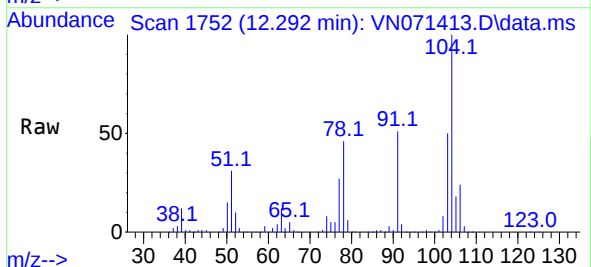
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

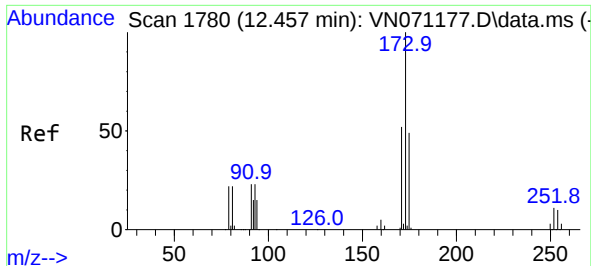
Tgt Ion:106 Resp: 648917  
Ion Ratio Lower Upper  
106 100  
91 213.3 105.8 317.3



#70  
Styrene  
Concen: 52.312 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:104 Resp: 1040434  
Ion Ratio Lower Upper  
104 100  
78 51.4 38.7 58.1  
103 54.4 45.0 67.6

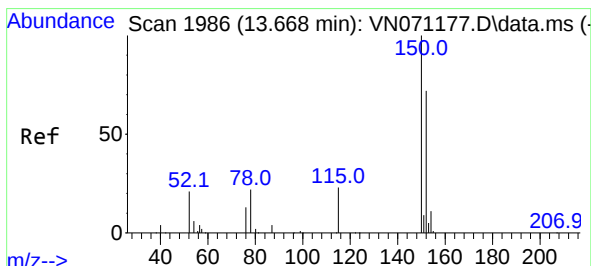
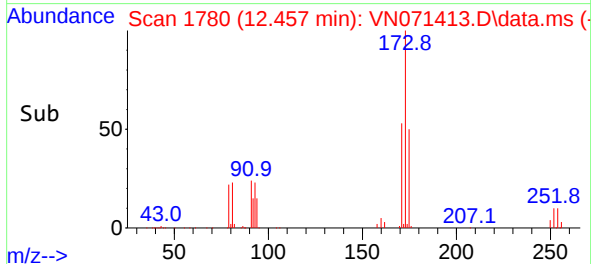
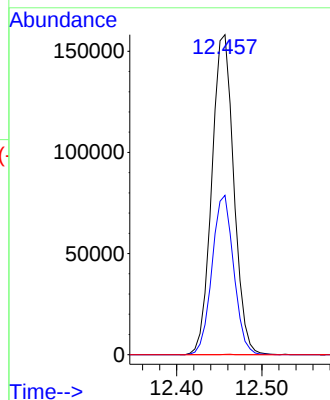
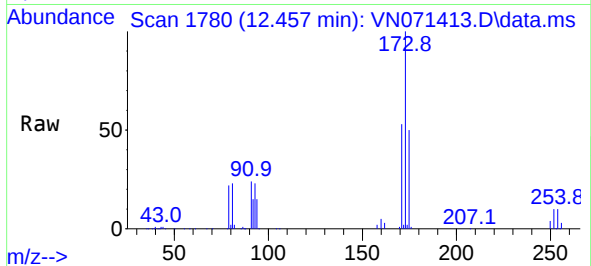




#71  
Bromoform  
Concen: 51.448 ug/l  
RT: 12.457 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

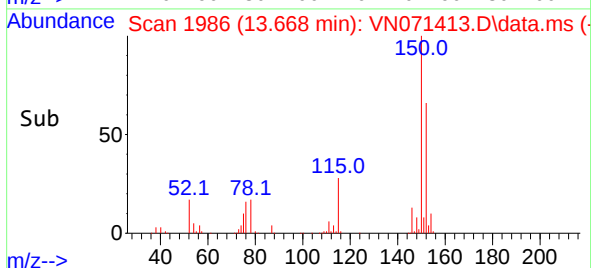
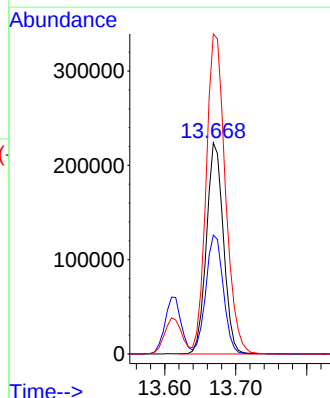
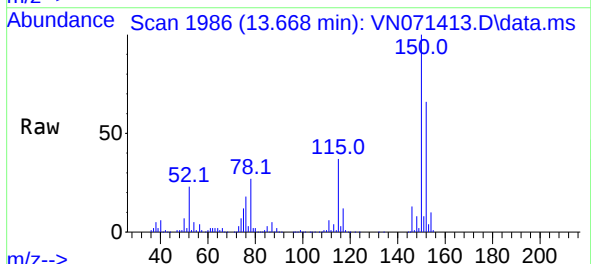
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

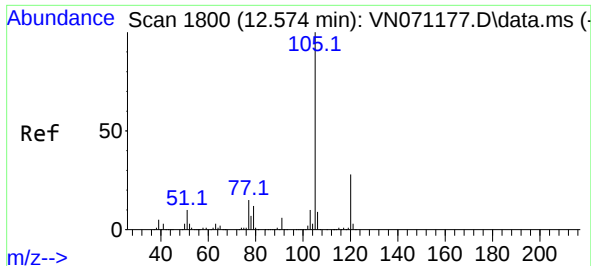
Tgt Ion:173 Resp: 283896  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.2 72.6  
254 0.0 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:152 Resp: 372558  
Ion Ratio Lower Upper  
152 100  
115 57.9 27.5 82.5  
150 170.9 0.0 344.4

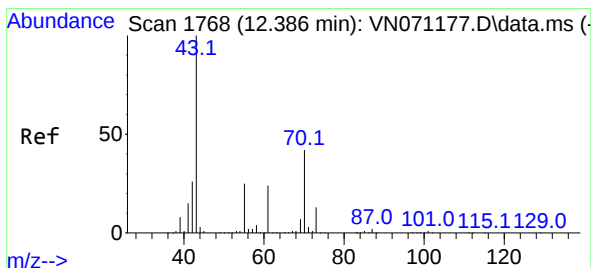
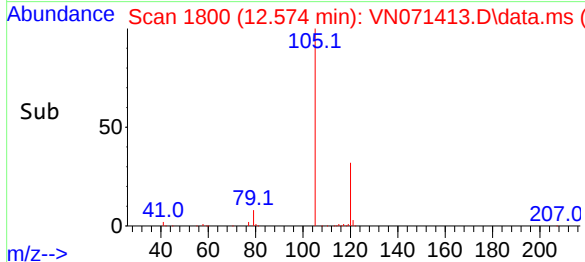
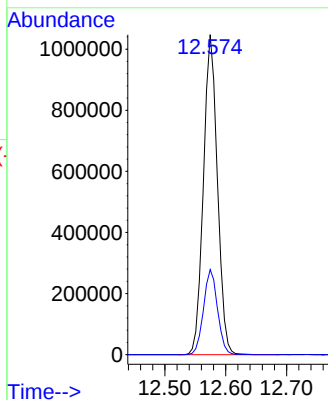
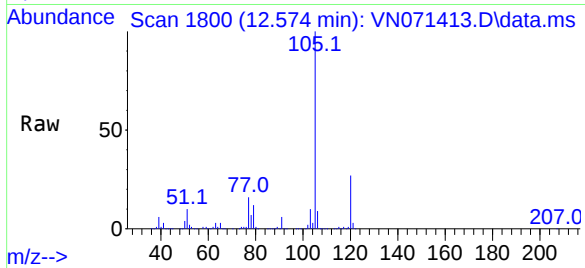




#73  
Isopropylbenzene  
Concen: 46.545 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

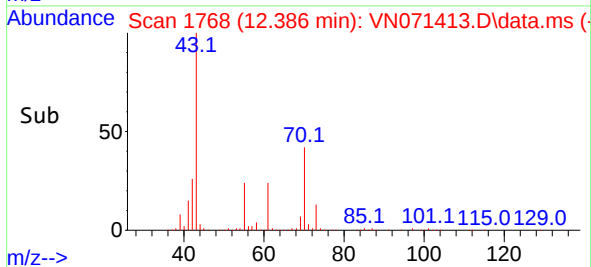
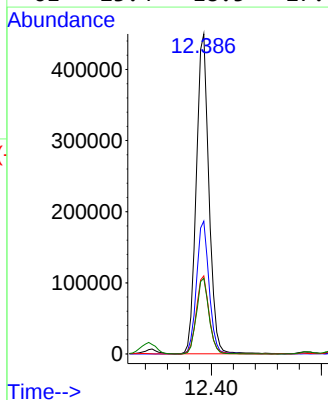
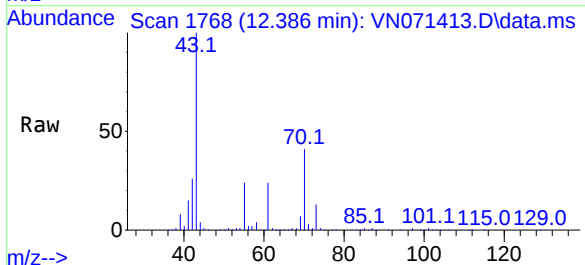
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

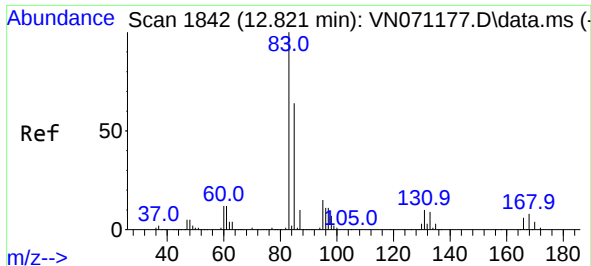
Tgt Ion:105 Resp: 1671613  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.1



#74  
N-ethyl acetate  
Concen: 53.135 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 43 Resp: 717510  
Ion Ratio Lower Upper  
43 100  
70 41.3 33.4 50.0  
55 24.7 19.3 28.9  
61 23.4 18.5 27.7

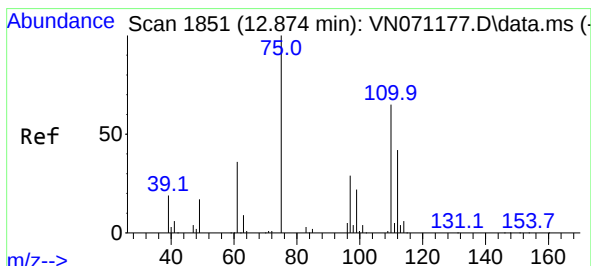
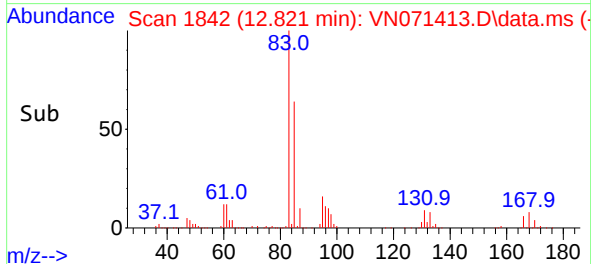
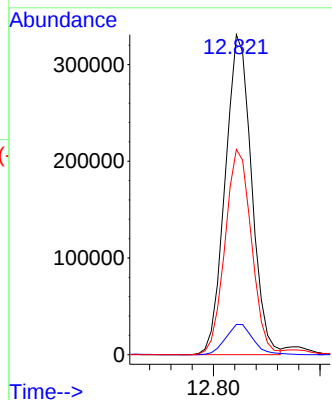
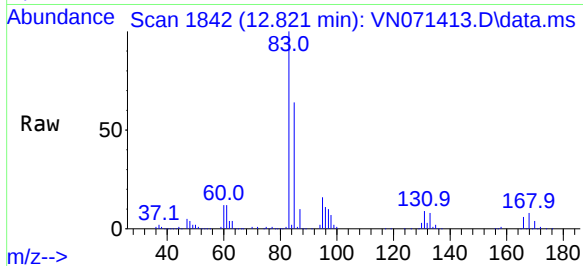




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.413 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

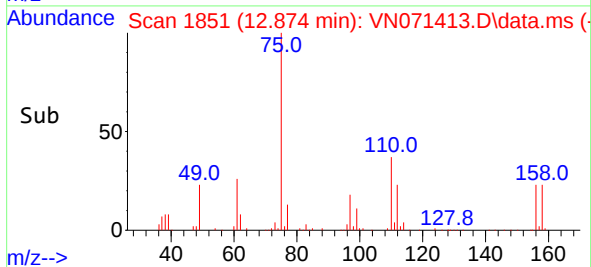
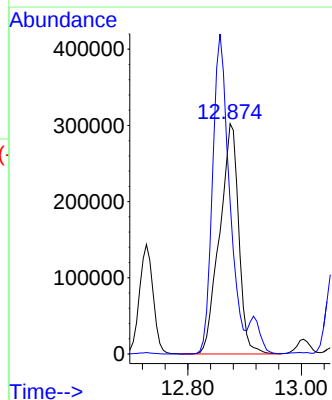
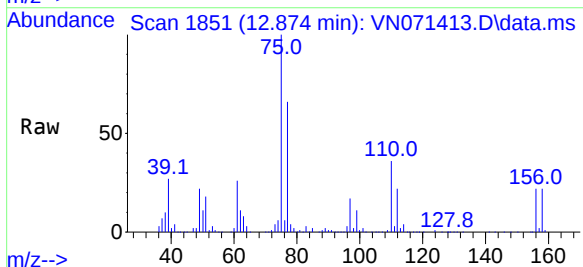
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

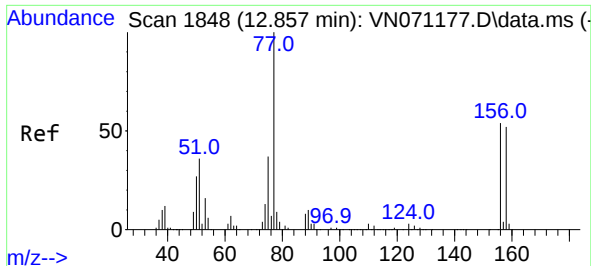
Tgt Ion: 83 Resp: 568181  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.5 16.5  
85 64.5 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 80.044 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 75 Resp: 707459  
Ion Ratio Lower Upper  
75 100  
77 122.5 82.6 247.8

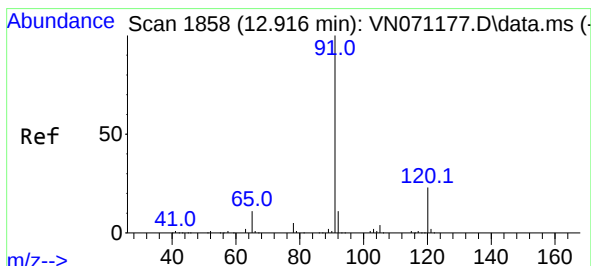
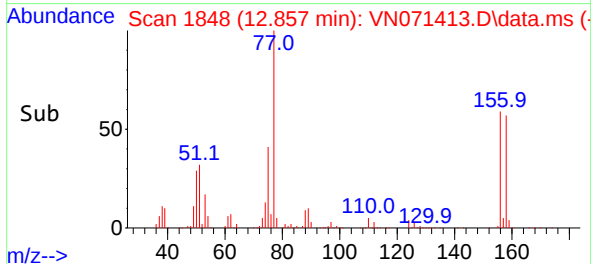
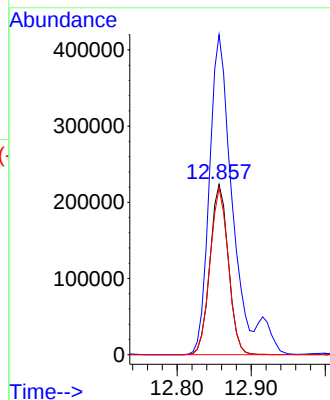
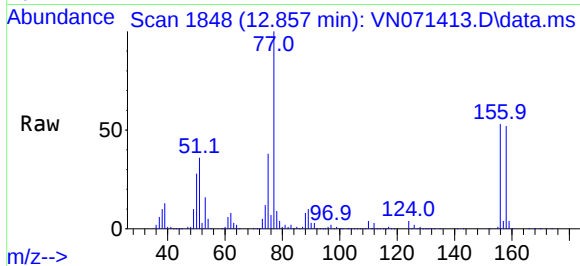




#77  
Bromobenzene  
Concen: 45.907 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

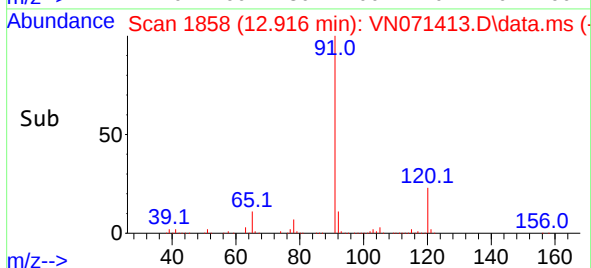
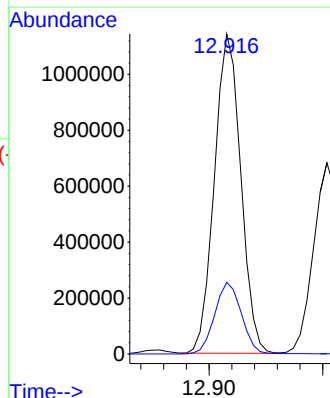
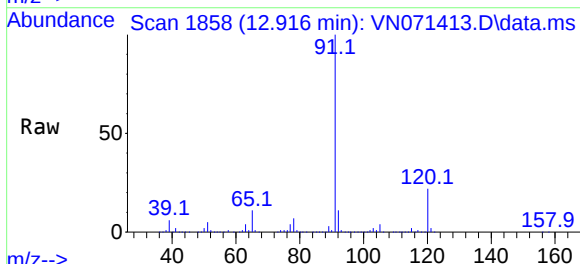
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

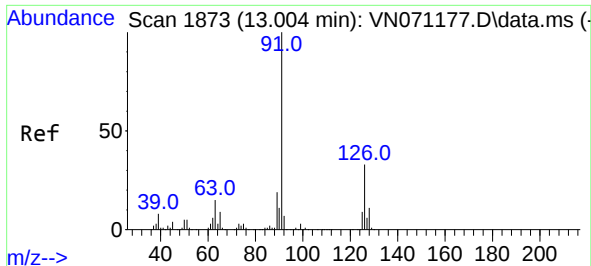
Tgt Ion:156 Resp: 384450  
Ion Ratio Lower Upper  
156 100  
77 225.4 90.6 271.8  
158 97.6 48.9 146.7



#78  
n-propylbenzene  
Concen: 47.781 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 91 Resp: 1841399  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.9 35.9

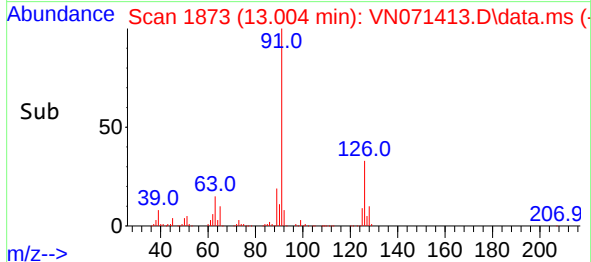
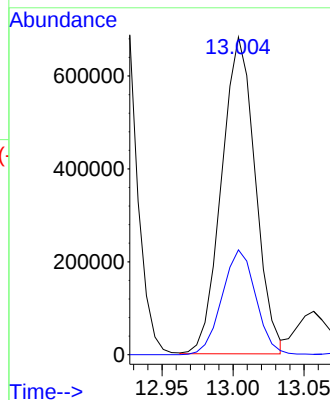
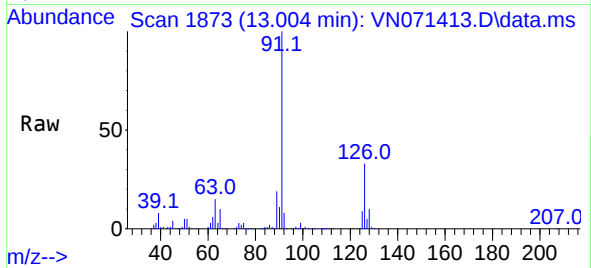




#79  
2-Chlorotoluene  
Concen: 45.530 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

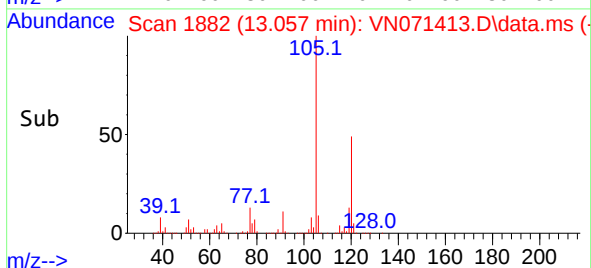
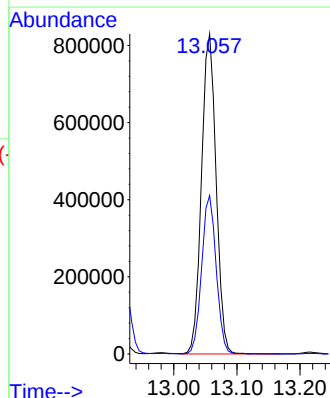
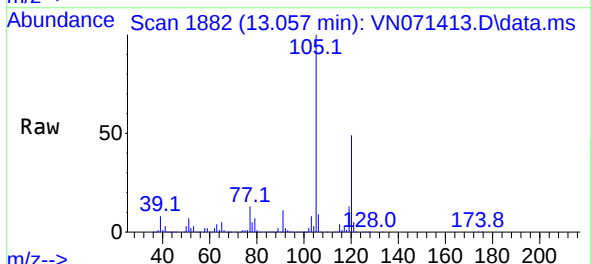
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

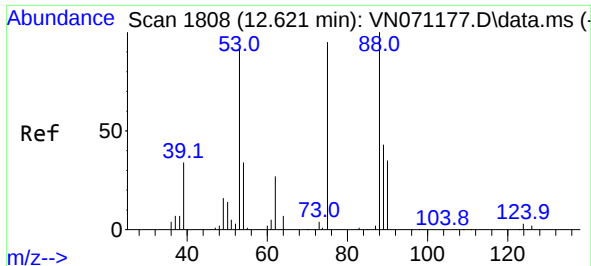
Tgt Ion: 91 Resp: 1126354  
Ion Ratio Lower Upper  
91 100  
126 33.2 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 47.677 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:105 Resp: 1332159  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.6 73.6

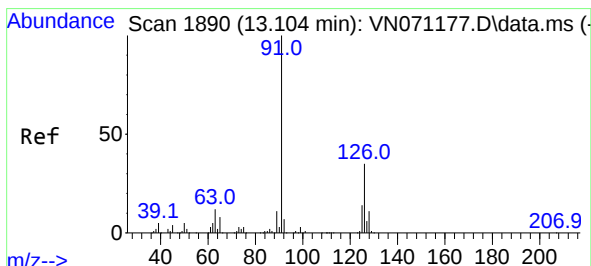
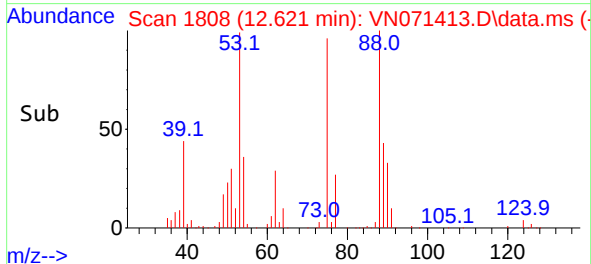
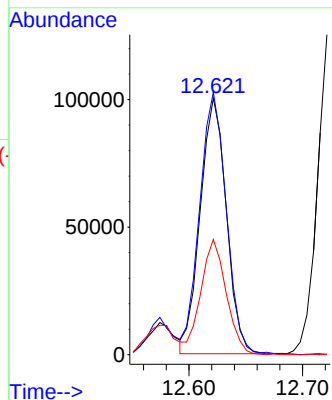
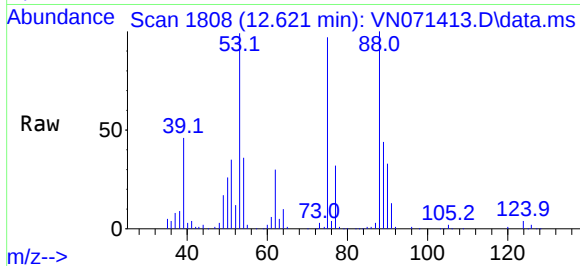




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.343 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

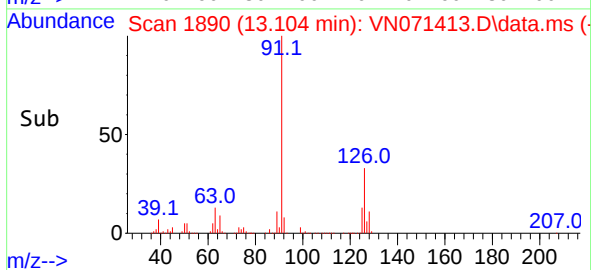
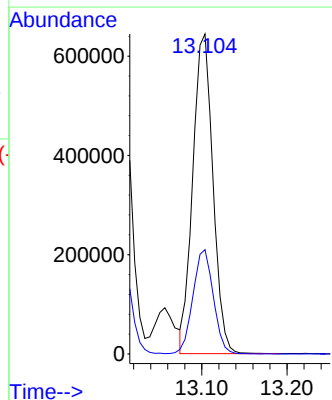
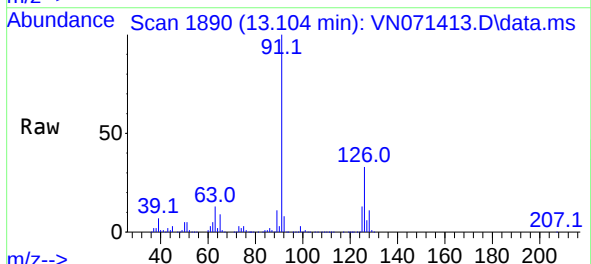
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

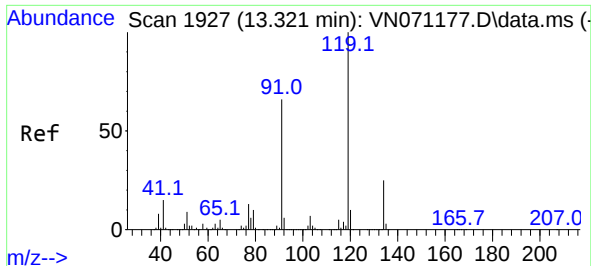
Tgt Ion: 75 Resp: 159719  
Ion Ratio Lower Upper  
75 100  
53 105.3 90.5 135.7  
89 44.4 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 47.945 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 91 Resp: 1056484  
Ion Ratio Lower Upper  
91 100  
126 33.2 18.2 54.6

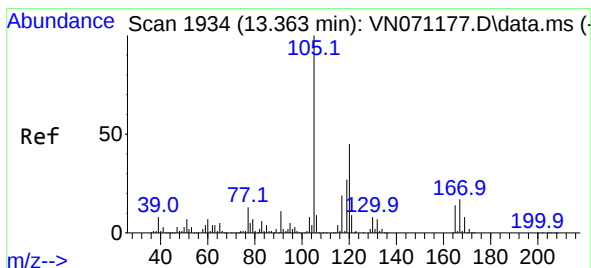
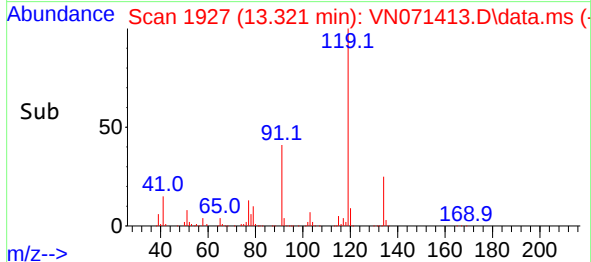
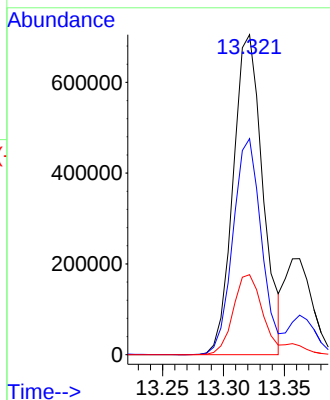
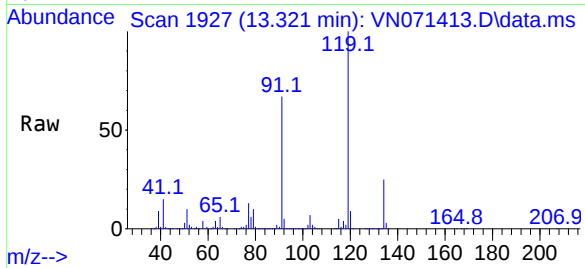




#83  
tert-Butylbenzene  
Concen: 47.995 ug/l  
RT: 13.321 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

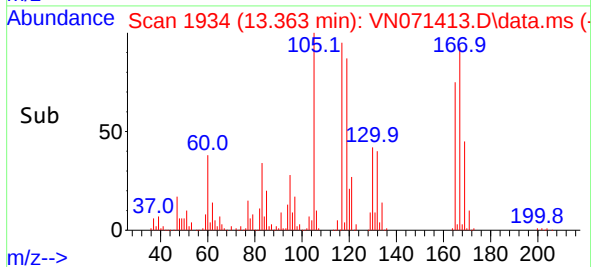
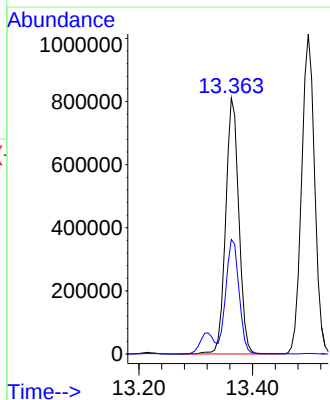
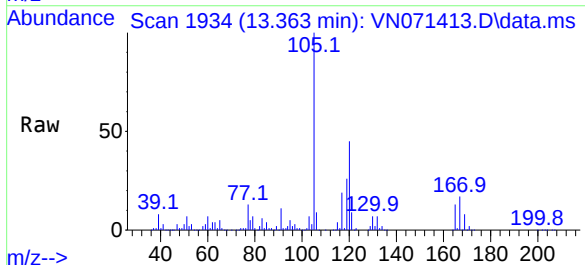
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

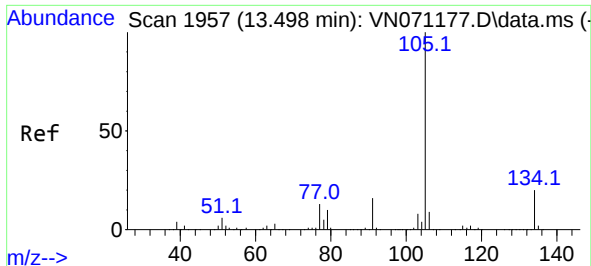
Tgt Ion:119 Resp: 1196768  
Ion Ratio Lower Upper  
119 100  
91 64.6 31.5 94.5  
134 27.1 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 48.867 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:105 Resp: 1307835  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.8 68.4

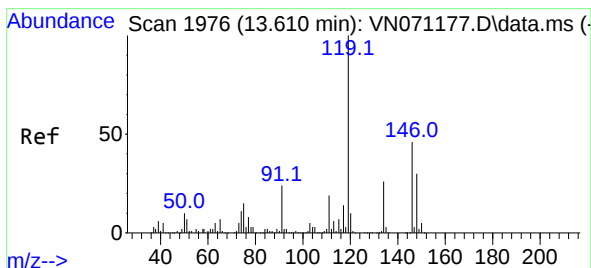
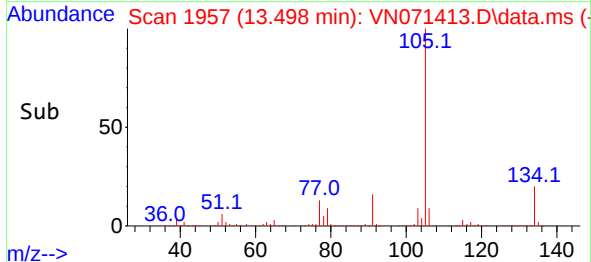
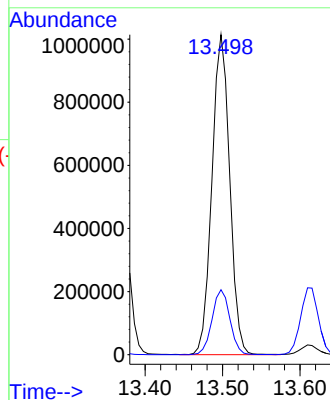
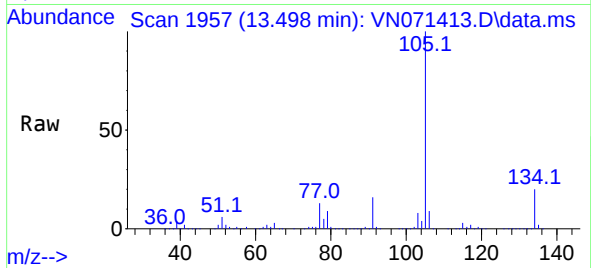




#85  
 sec-Butylbenzene  
 Concen: 48.665 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN071413.D  
 Acq: 19 Mar 2022 21:21

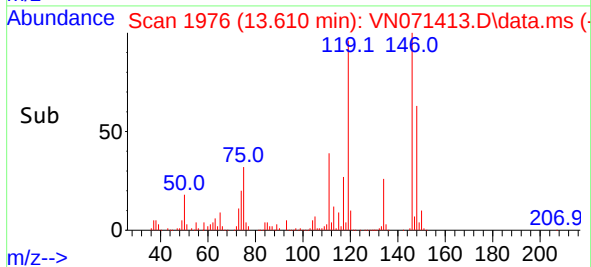
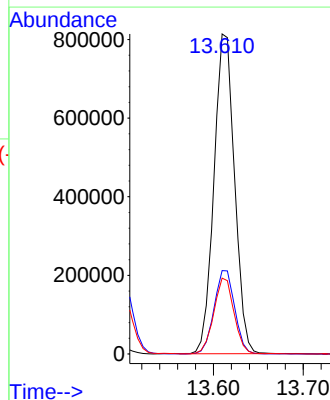
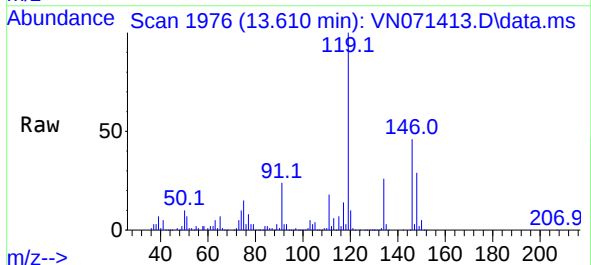
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

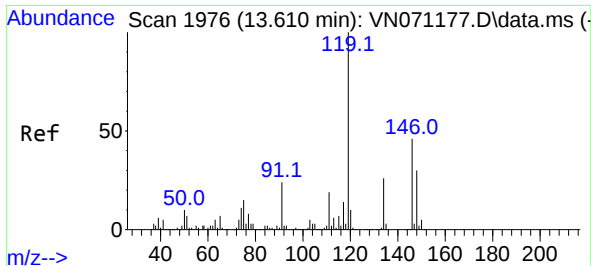
Tgt Ion:105 Resp: 1612921  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 49.756 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN071413.D  
 Acq: 19 Mar 2022 21:21

Tgt Ion:119 Resp: 1296901  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.6 40.7  
 91 23.2 11.4 34.1

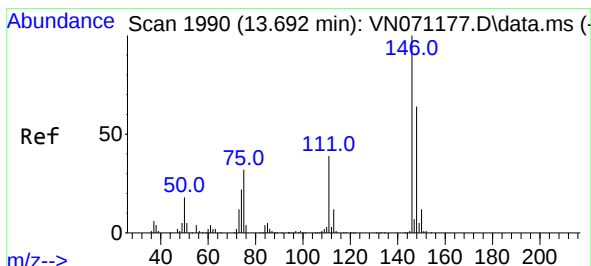
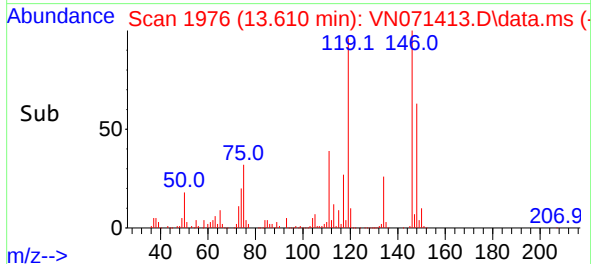
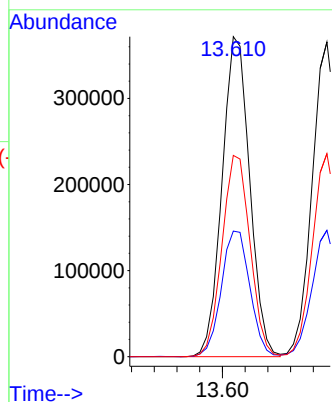
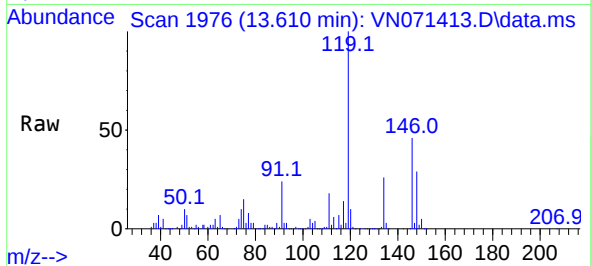




#87  
1,3-Dichlorobenzene  
Concen: 46.173 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

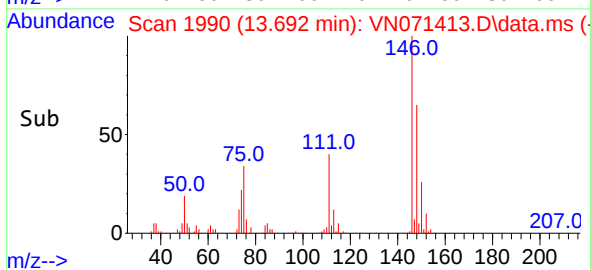
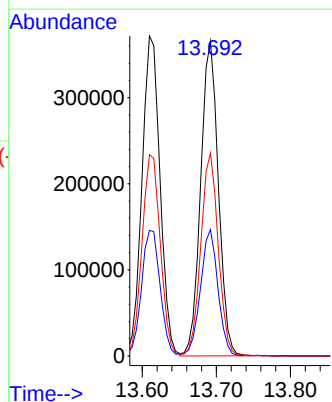
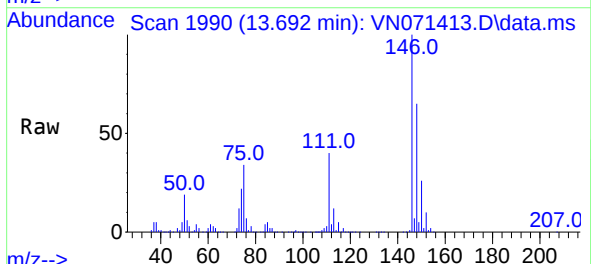
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

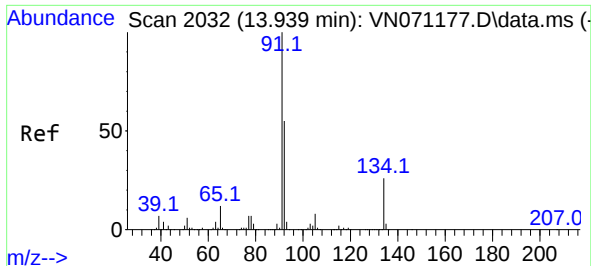
Tgt Ion:146 Resp: 628296  
Ion Ratio Lower Upper  
146 100  
111 40.7 18.6 55.6  
148 64.0 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 45.570 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:146 Resp: 606136  
Ion Ratio Lower Upper  
146 100  
111 39.4 18.3 54.8  
148 63.6 31.8 95.4

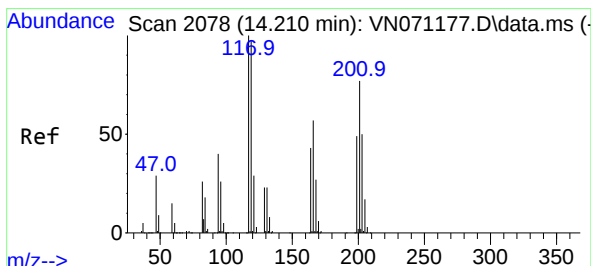
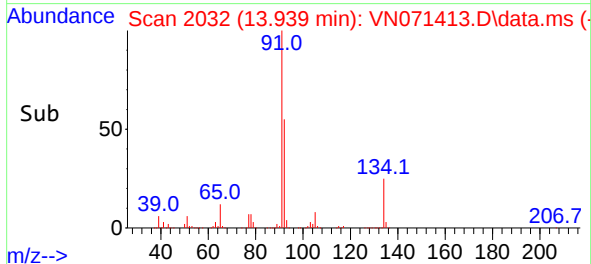
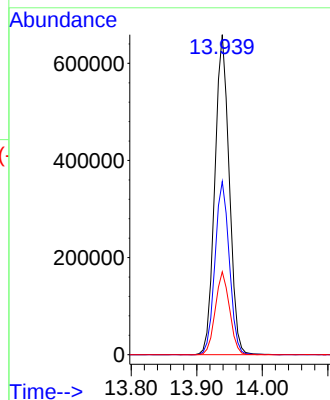
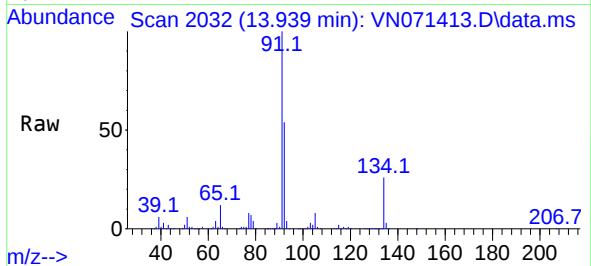




#89  
n-Butylbenzene  
Concen: 49.293 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

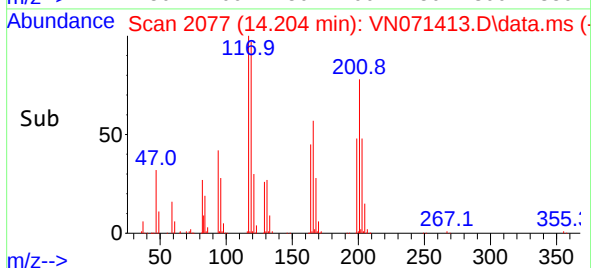
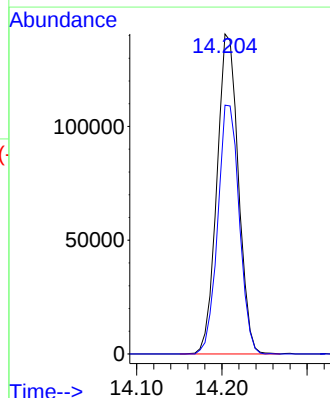
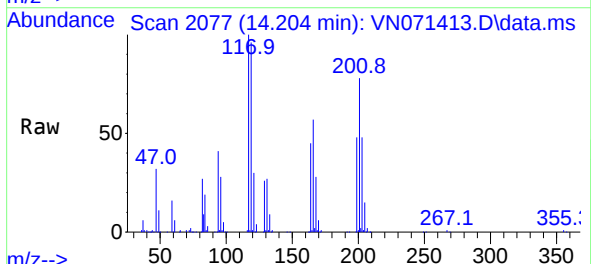
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

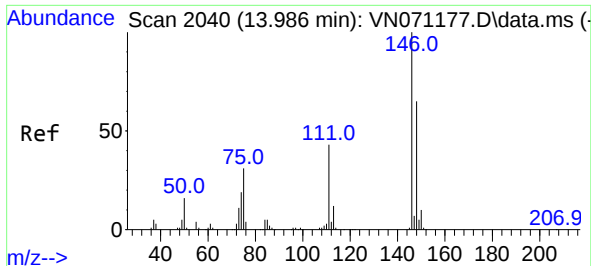
Tgt Ion: 91 Resp: 1004910  
Ion Ratio Lower Upper  
91 100  
92 53.6 25.4 76.0  
134 25.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 47.457 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 117 Resp: 245990  
Ion Ratio Lower Upper  
117 100  
201 77.8 43.9 131.6

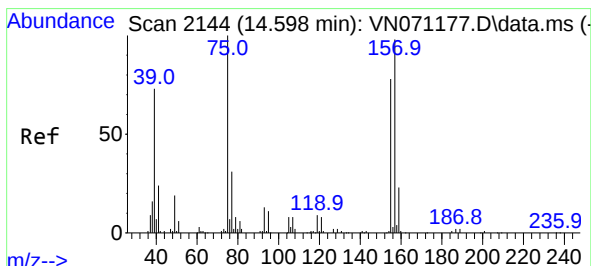
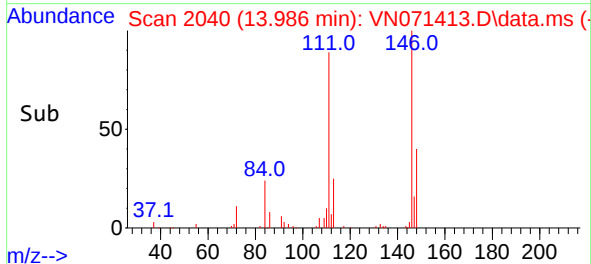
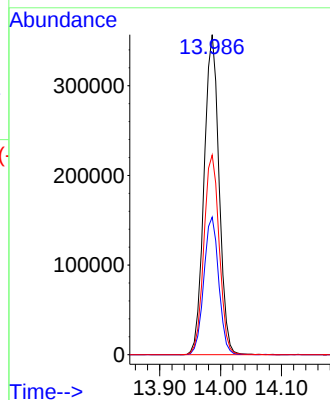
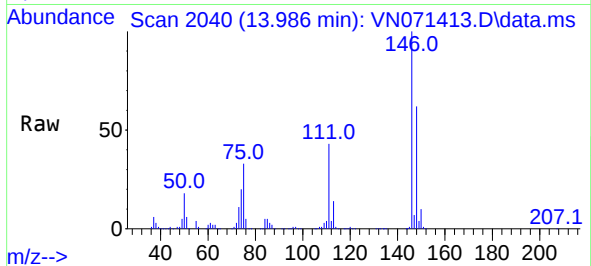




#91  
1,2-Dichlorobenzene  
Concen: 46.715 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

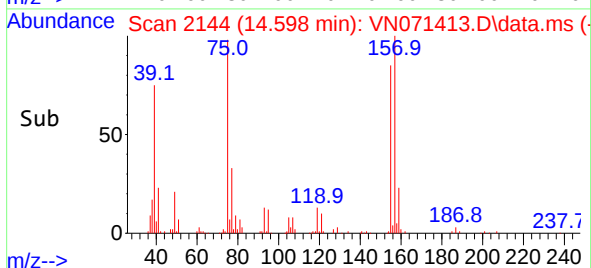
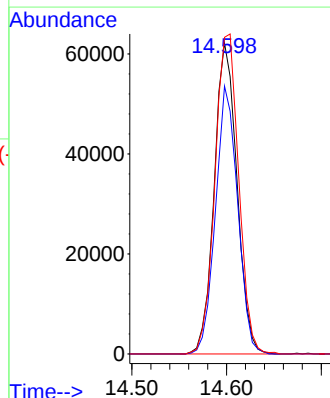
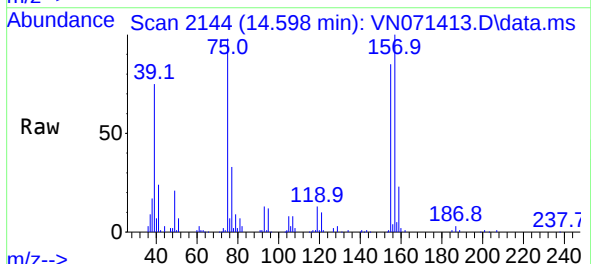
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

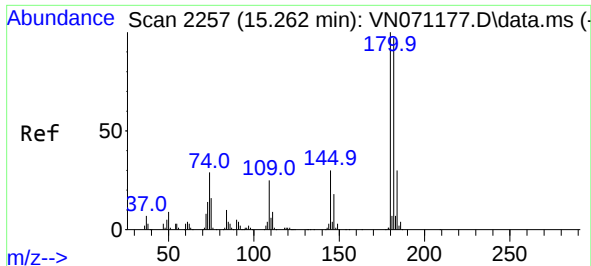
Tgt Ion:146 Resp: 611130  
Ion Ratio Lower Upper  
146 100  
111 42.7 19.1 57.3  
148 63.8 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.630 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion: 75 Resp: 103707  
Ion Ratio Lower Upper  
75 100  
155 84.0 46.9 140.7  
157 107.7 60.6 181.7

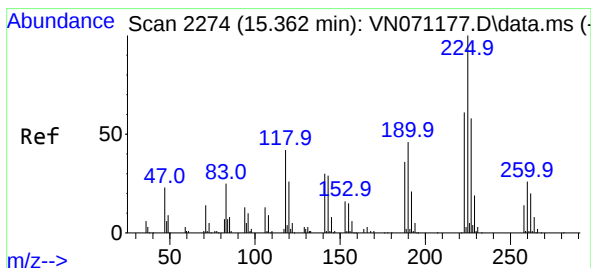
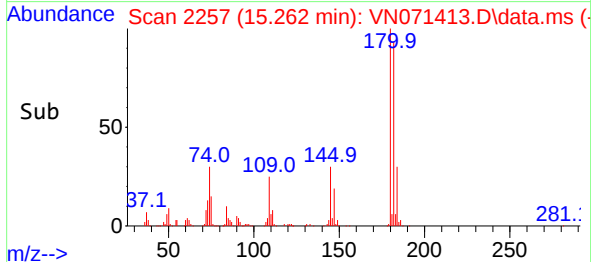
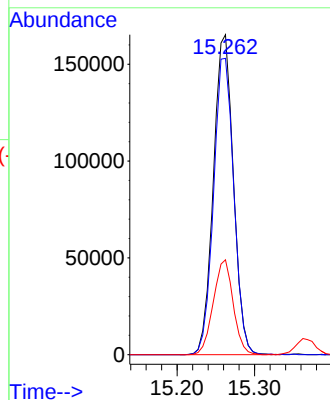
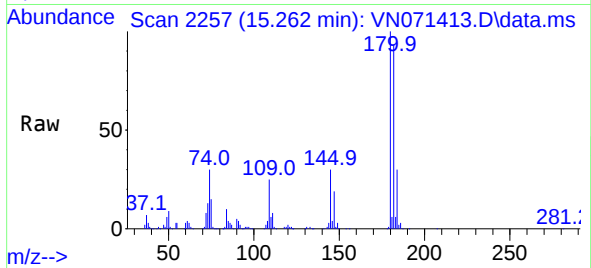




#93  
1,2,4-Trichlorobenzene  
Concen: 48.627 ug/l  
RT: 15.262 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

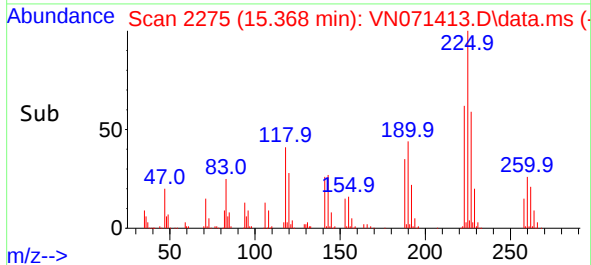
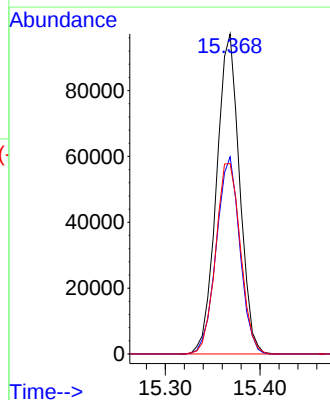
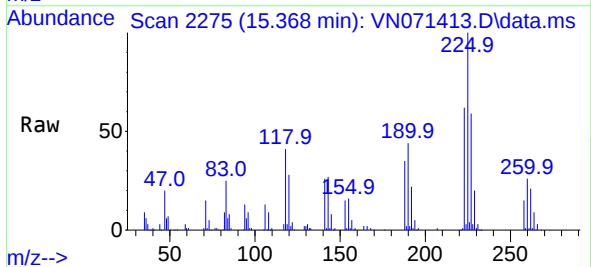
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

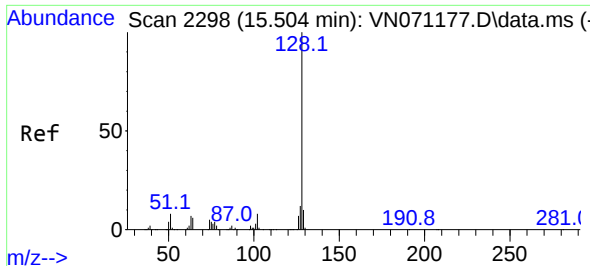
Tgt Ion:180 Resp: 296369  
Ion Ratio Lower Upper  
180 100  
182 93.8 48.3 144.9  
145 29.5 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 44.655 ug/l  
RT: 15.368 min Scan# 2275  
Delta R.T. 0.006 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:225 Resp: 163996  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.9 95.7  
227 64.1 32.1 96.3

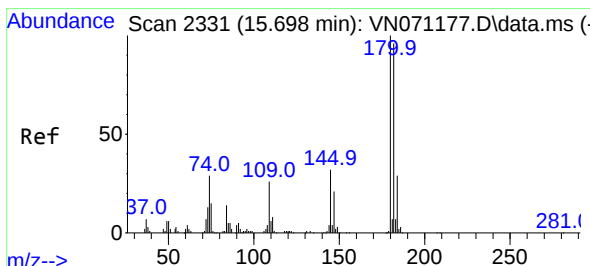
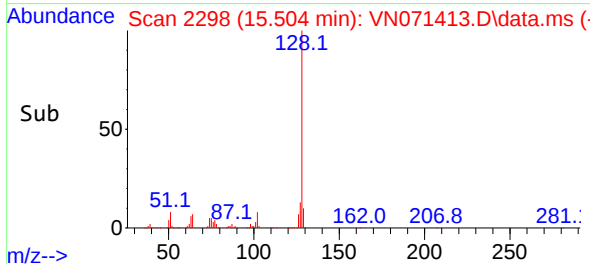
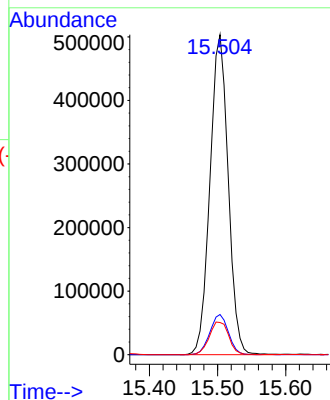
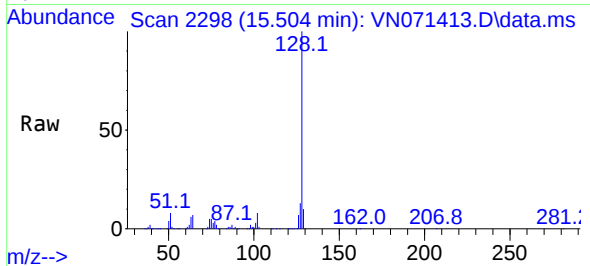




#95  
Naphthalene  
Concen: 54.336 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 936346  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.5 15.7  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.636 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. -0.000 min  
Lab File: VN071413.D  
Acq: 19 Mar 2022 21:21

Tgt Ion:180 Resp: 296386  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.4 142.2  
145 31.3 15.0 45.1

