

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031522\  
 Data File : VN071299.D  
 Acq On : 15 Mar 2022 18:04  
 Operator : JC\MD  
 Sample : N1918-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AVENUE-X-GROUT-SAMPLE-A

Quant Time: Mar 16 08:05:17 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

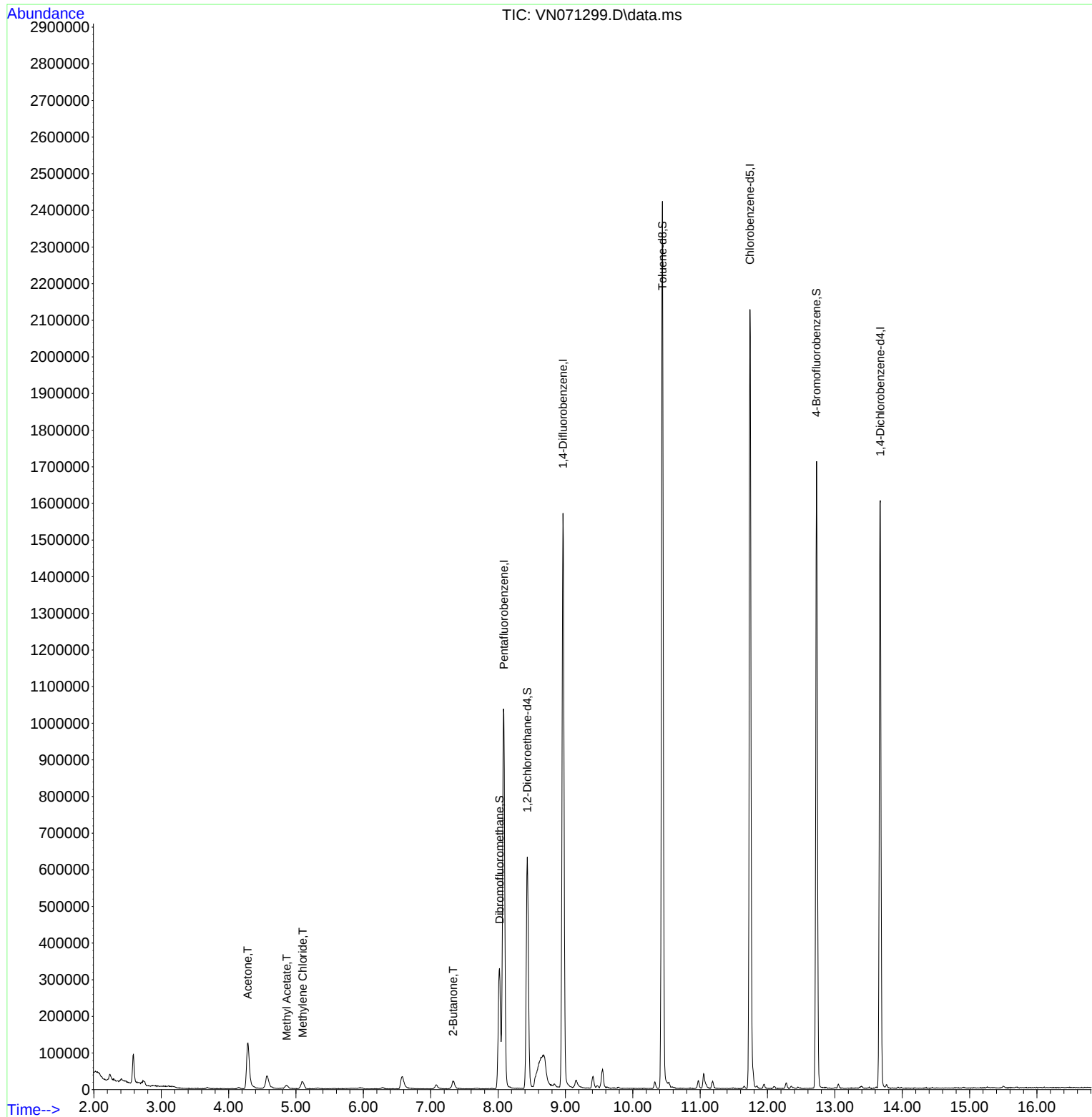
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 811191   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 1370552  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 1253924  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.674 | 152   | 449740   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 519729   | 46.748   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 93.500%  |
| 35) Dibromofluoromethane    | 8.022  | 113   | 247638   | 28.633   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 57.260%# |
| 50) Toluene-d8              | 10.439 | 98    | 1651751  | 47.434   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 94.860%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 601557   | 51.016   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 102.040% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.281  | 43    | 244322   | 45.165   | ug/l   | 97       |
| 18) Methyl Acetate          | 4.863  | 43    | 19975    | 1.832    | ug/l   | 95       |
| 20) Methylene Chloride      | 5.098  | 84    | 15390    | 1.927    | ug/l   | 95       |
| 25) 2-Butanone              | 7.334  | 43    | 37307    | 4.281    | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

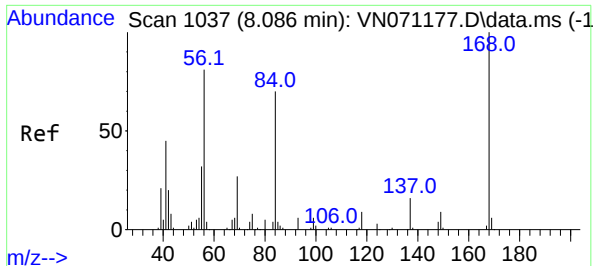
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 16 08:05:17 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

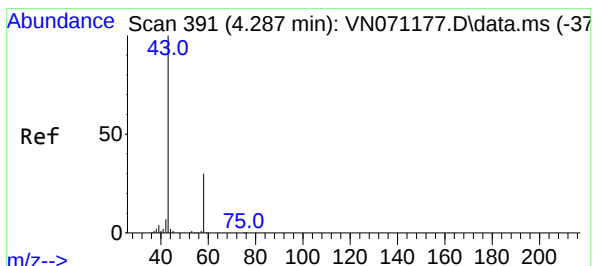
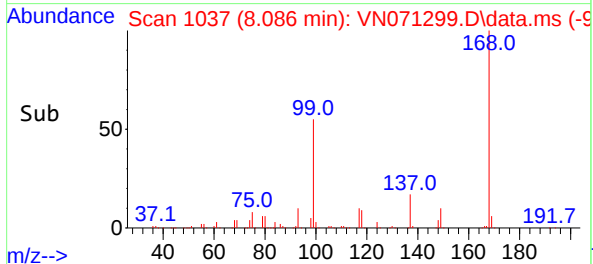
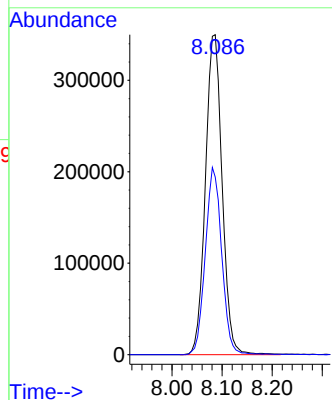
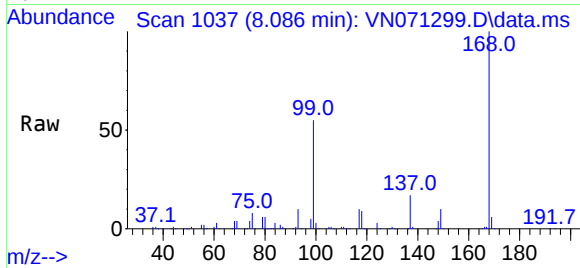




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

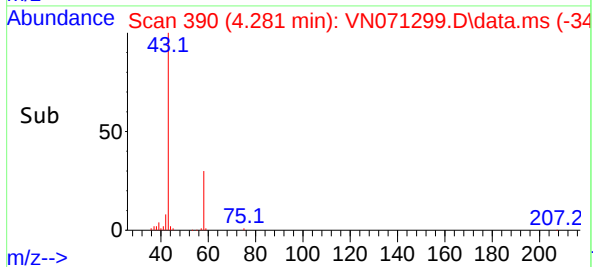
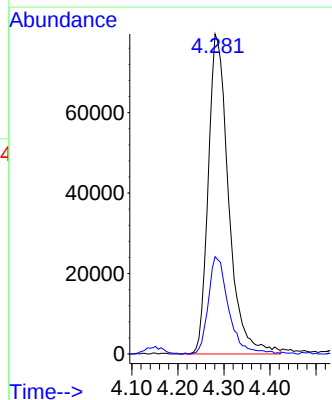
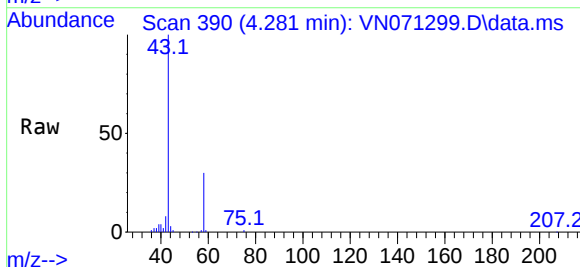
Instrument :  
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ClientSampleId :  
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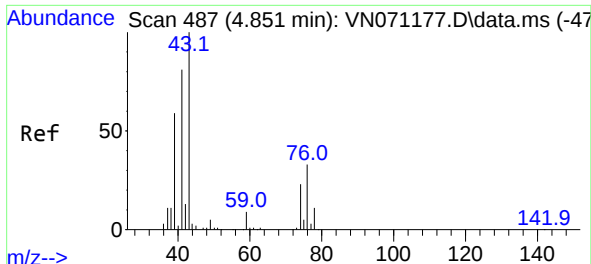
Tgt Ion:168 Resp: 811191  
Ion Ratio Lower Upper  
168 100  
99 55.5 41.3 61.9



#16  
Acetone  
Concen: 45.165 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Tgt Ion: 43 Resp: 244322  
Ion Ratio Lower Upper  
43 100  
58 30.4 23.1 34.7

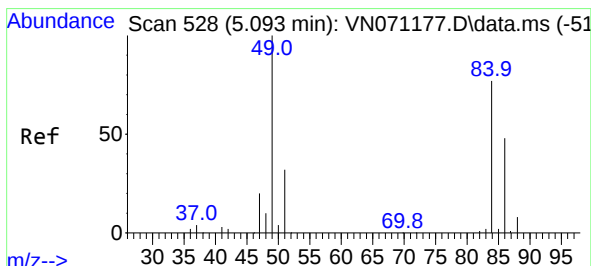
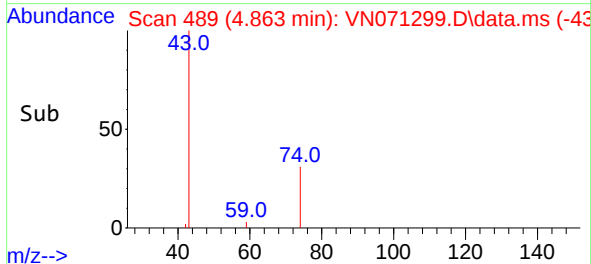
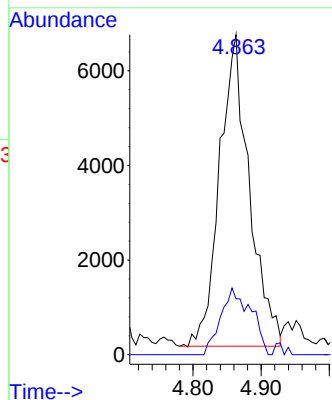
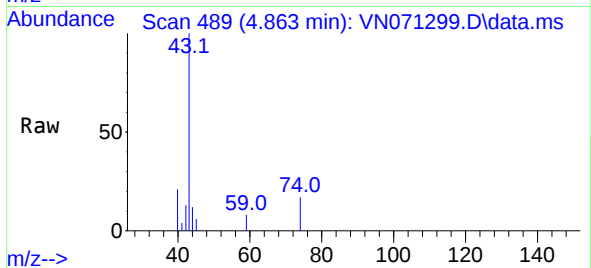




#18  
Methyl Acetate  
Concen: 1.832 ug/l  
RT: 4.863 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

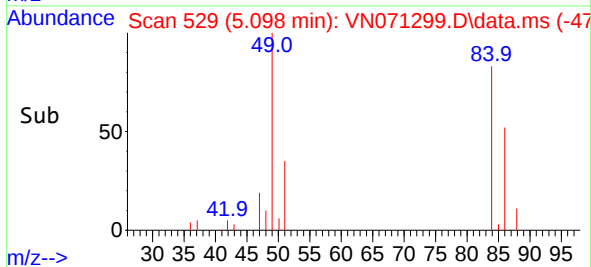
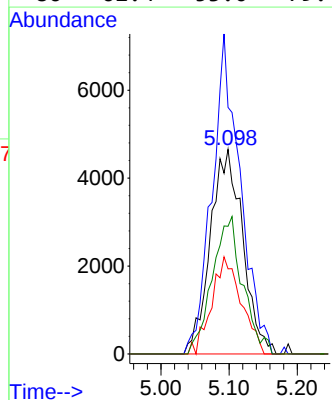
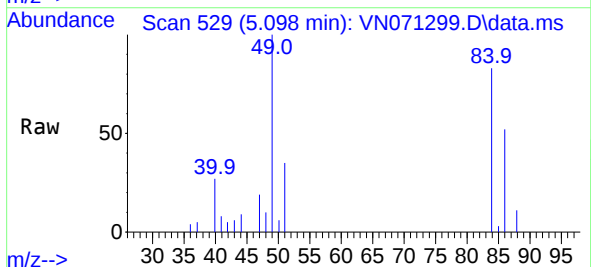
Instrument :  
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ClientSampleId :  
AVENUE-X-GROUT-SAMPLE-A

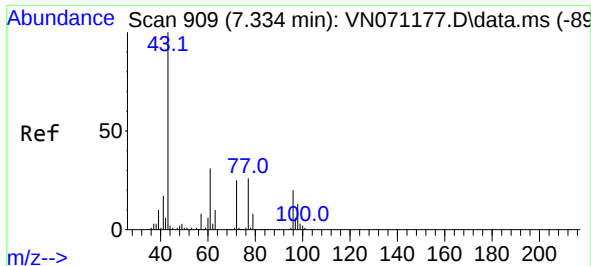
Tgt Ion: 43 Resp: 19975  
Ion Ratio Lower Upper  
43 100  
74 21.7 19.4 29.2



#20  
Methylene Chloride  
Concen: 1.927 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.005 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Tgt Ion: 84 Resp: 15390  
Ion Ratio Lower Upper  
84 100  
49 120.5 93.5 140.3  
51 41.6 29.4 44.2  
86 62.4 53.0 79.4

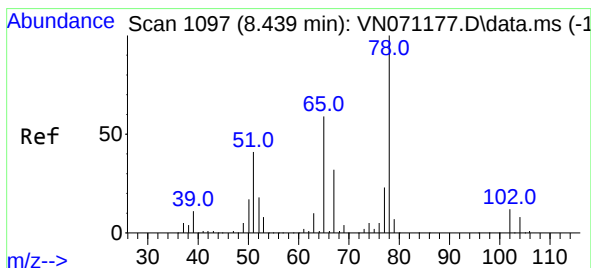
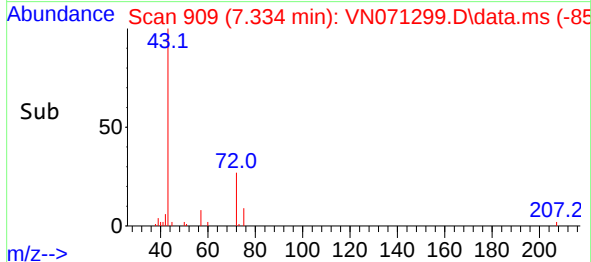
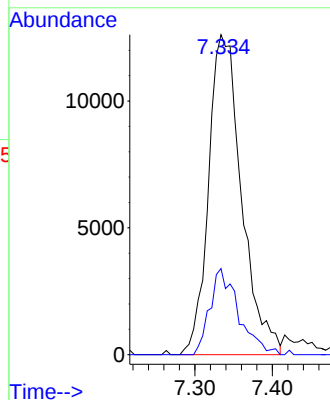
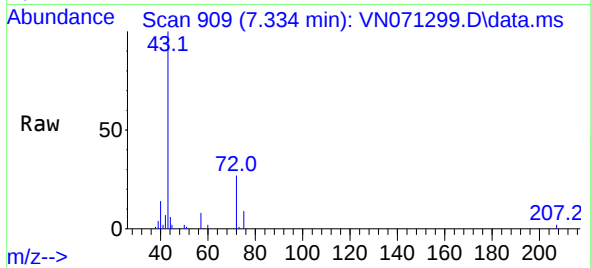




#25  
2-Butanone  
Concen: 4.281 ug/l  
RT: 7.334 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

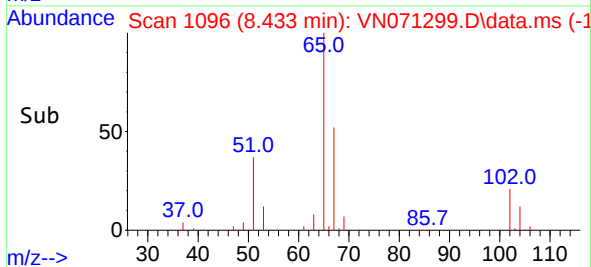
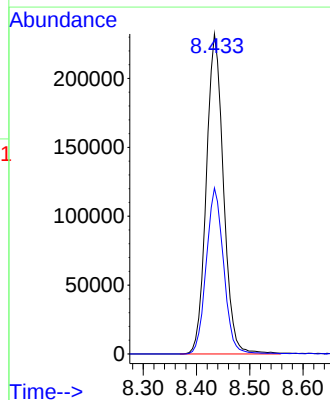
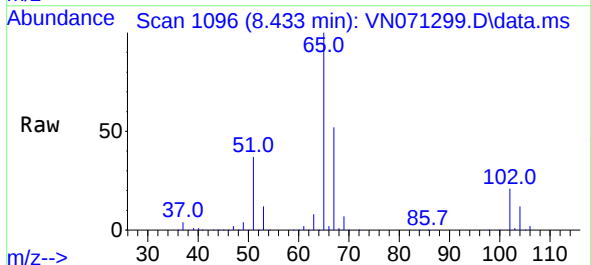
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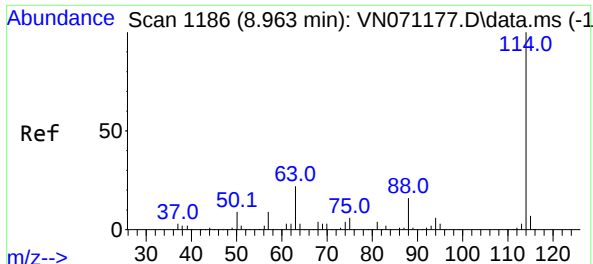
Tgt Ion: 43 Resp: 37307  
Ion Ratio Lower Upper  
43 100  
72 26.9 21.7 32.5



#33  
1,2-Dichloroethane-d4  
Concen: 46.748 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.006 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Tgt Ion: 65 Resp: 519729  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 103.0

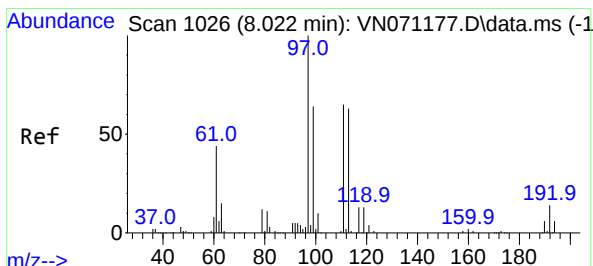
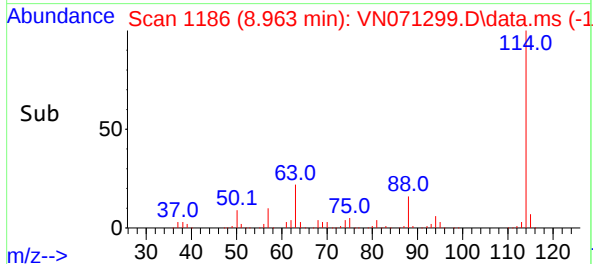
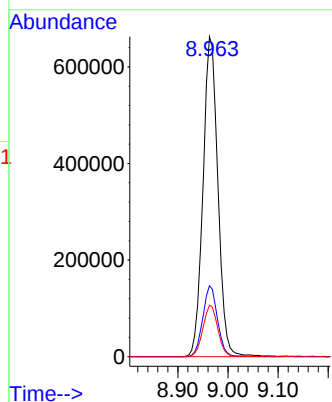
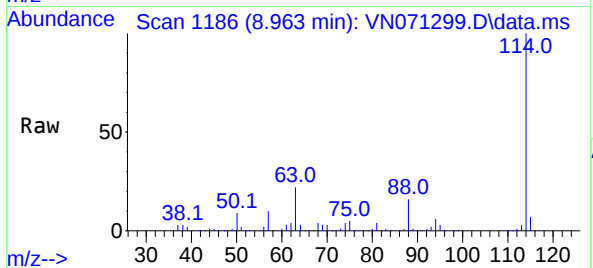




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

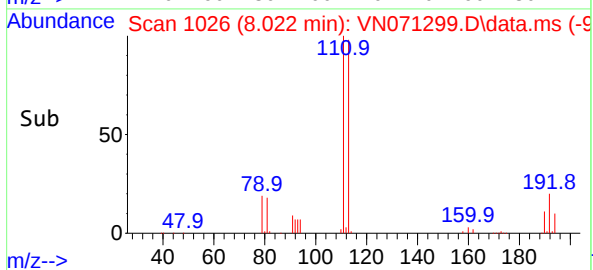
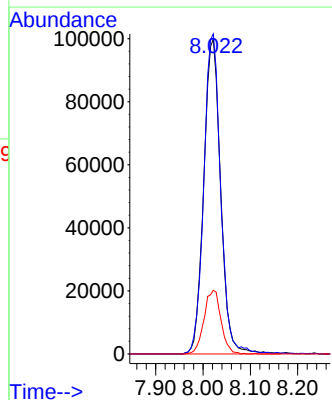
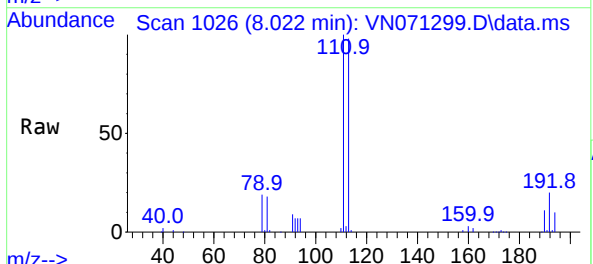
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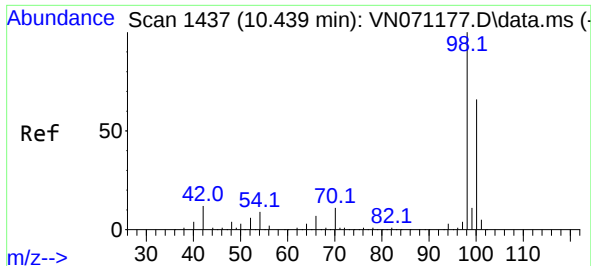
Tgt Ion:114 Resp: 1370552  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 37.8  
88 16.1 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 28.633 ug/l  
RT: 8.022 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Tgt Ion:113 Resp: 247638  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.2 123.2  
192 20.3 16.9 25.3

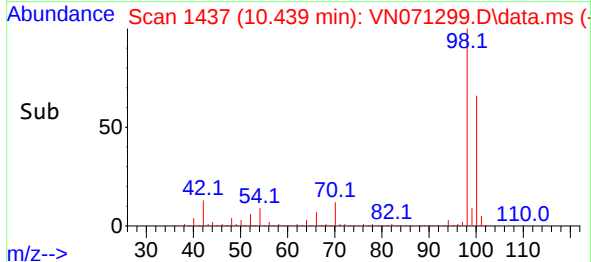
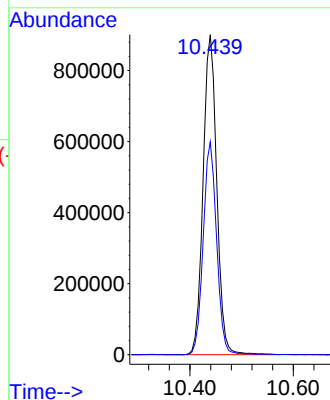
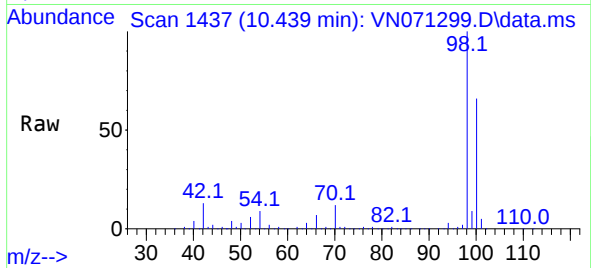




#50  
Toluene-d8  
Concen: 47.434 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

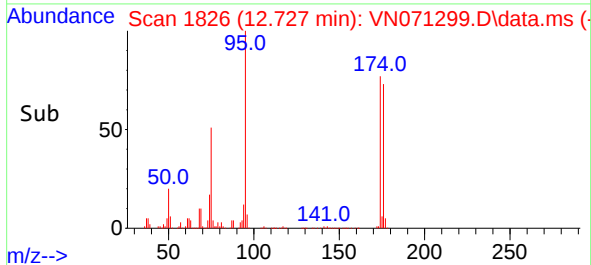
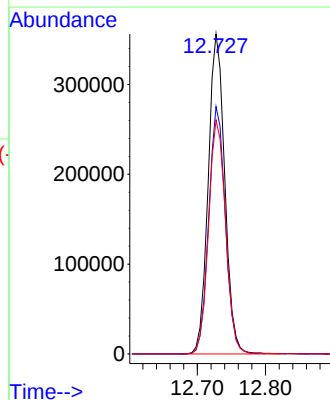
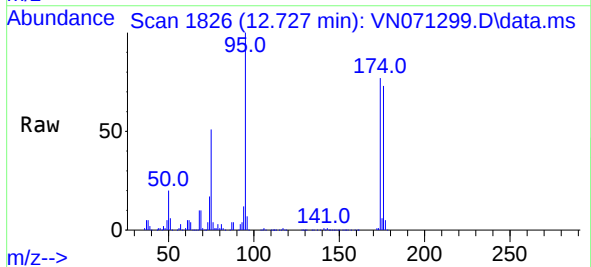
Instrument :  
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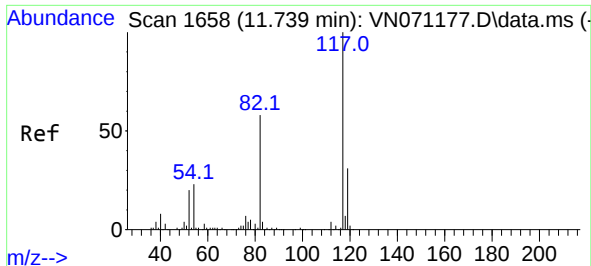
Tgt Ion: 98 Resp: 1651751  
Ion Ratio Lower Upper  
98 100  
100 65.3 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 51.016 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Tgt Ion: 95 Resp: 601557  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 187.2  
176 74.8 0.0 181.4

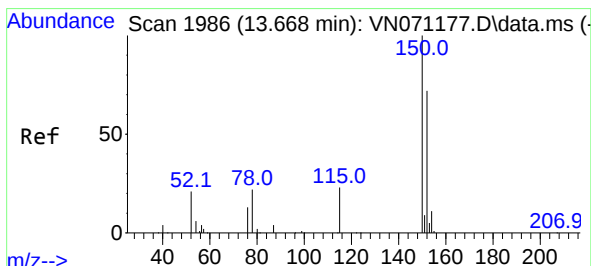
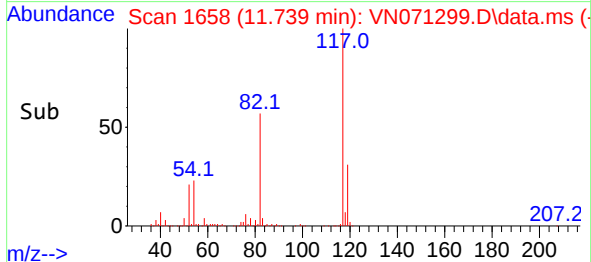
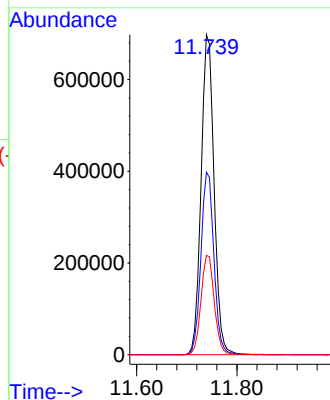
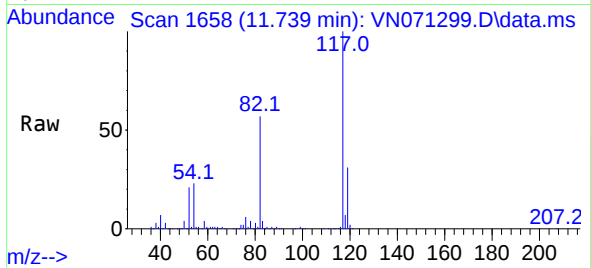




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Instrument :  
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Tgt Ion:117 Resp: 1253924  
Ion Ratio Lower Upper  
117 100  
82 57.0 42.4 63.6  
119 31.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.674 min Scan# 1987  
Delta R.T. 0.006 min  
Lab File: VN071299.D  
Acq: 15 Mar 2022 18:04

Tgt Ion:152 Resp: 449740  
Ion Ratio Lower Upper  
152 100  
115 58.5 27.5 82.5  
150 157.4 0.0 344.4

