

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042621\  
 Data File : VY004631.D  
 Acq On : 26 Apr 2021 15:49  
 Operator : SY/MD  
 Sample : M2176-07  
 Misc : 5.80G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 STOCKPILE-VOC-5

Quant Time: Apr 27 09:33:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

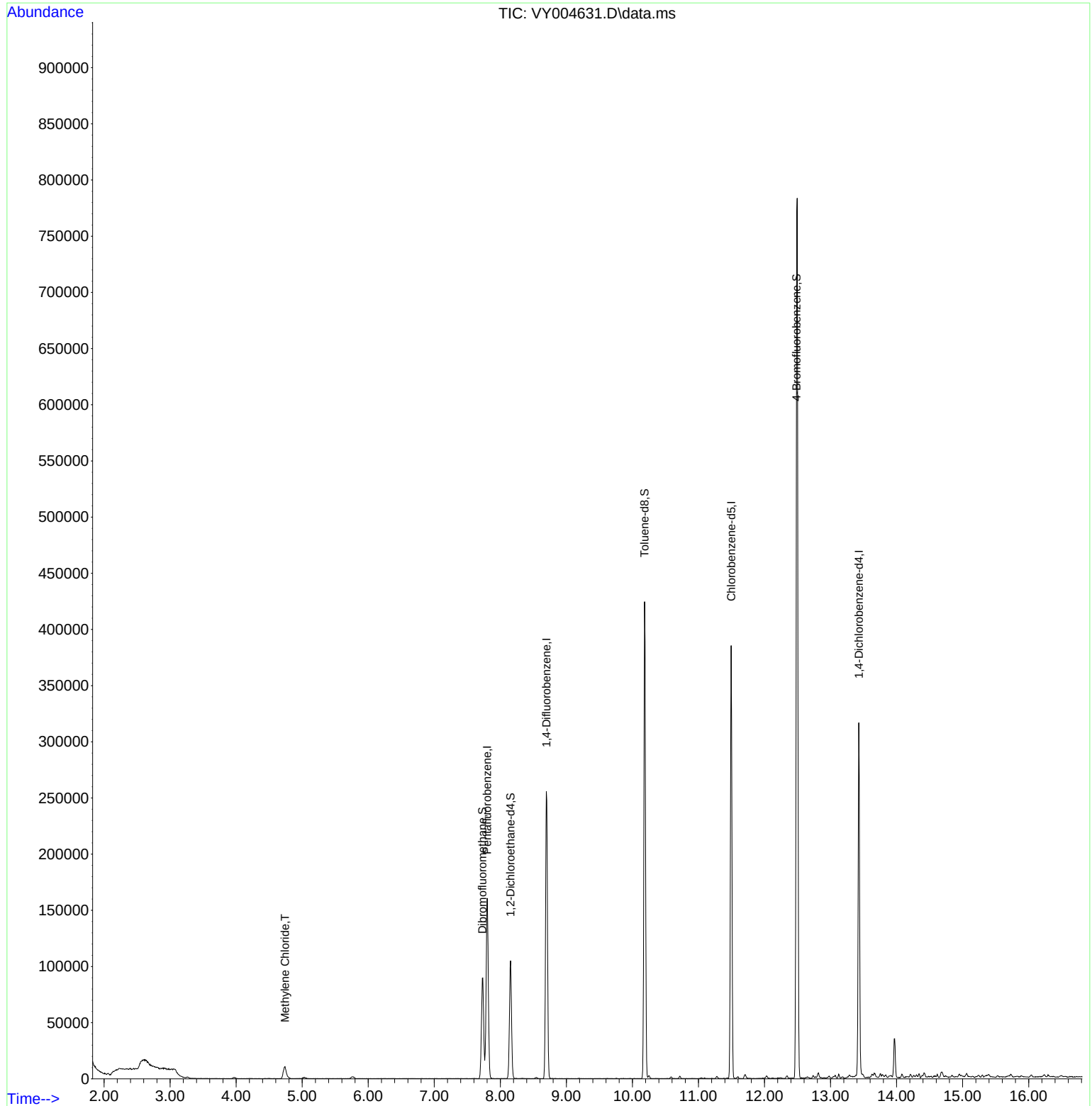
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 7.801  | 168   | 120021   | 50.00    | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 212536   | 50.00    | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 192725   | 50.00    | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 72905    | 50.00    | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65    | 79872    | 59.90    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 119.80%      |
| 35) Dibromofluoromethane    | 7.728  | 113   | 62543    | 53.03    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 106.06%      |
| 50) Toluene-d8              | 10.185 | 98    | 261209   | 52.06    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 104.12%      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 84077    | 49.38    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 98.76%       |
| Target Compounds            |        |       |          |          |       |              |
| 20) Methylene Chloride      | 4.741  | 84    | 7780     | 6.04     | ug/l  | Qvalue<br>94 |
| -----                       |        |       |          |          |       |              |

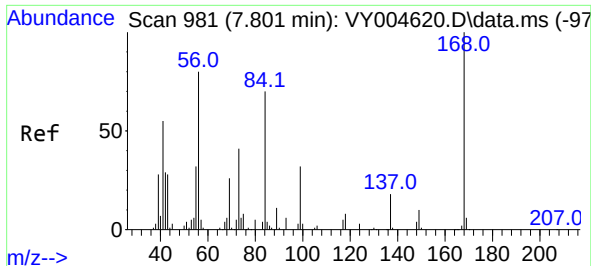
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

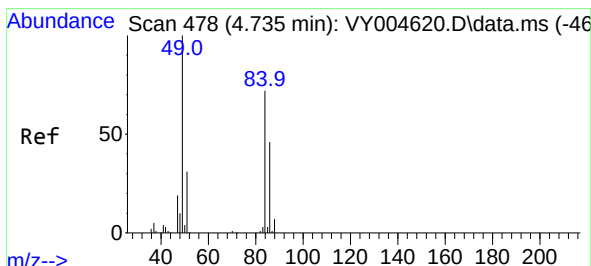
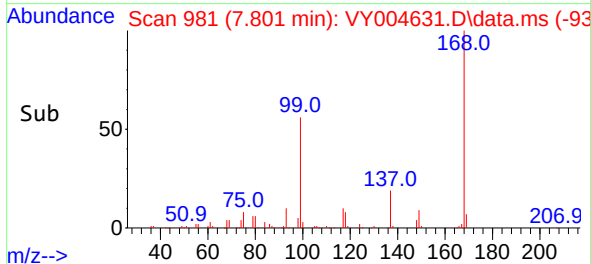
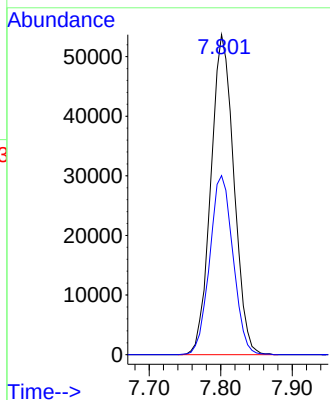
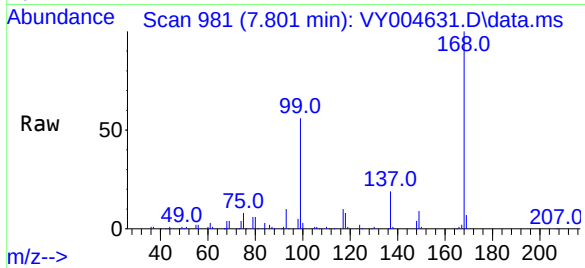




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

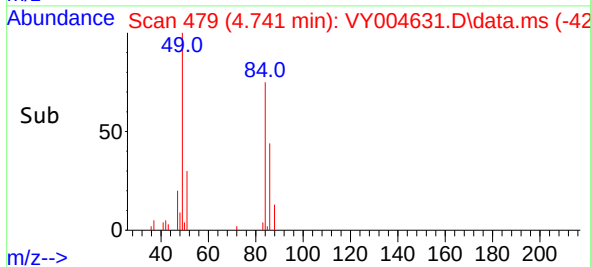
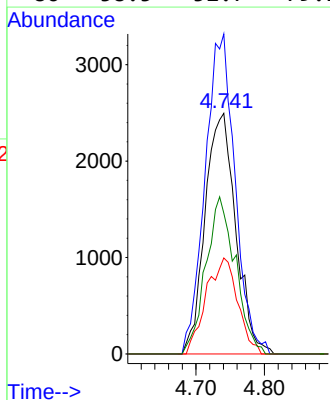
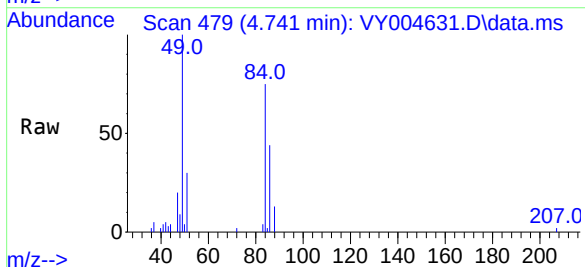
Instrument :  
MSVOA\_Y  
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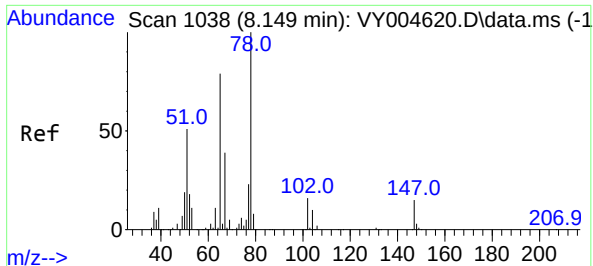
Tgt Ion:168 Resp: 120021  
Ion Ratio Lower Upper  
168 100  
99 56.0 45.5 68.3



#20  
Methylene Chloride  
Concen: 6.04 ug/l  
RT: 4.741 min Scan# 479  
Delta R.T. 0.006 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

Tgt Ion: 84 Resp: 7780  
Ion Ratio Lower Upper  
84 100  
49 133.0 111.2 166.8  
51 39.9 33.4 50.2  
86 58.5 52.7 79.1

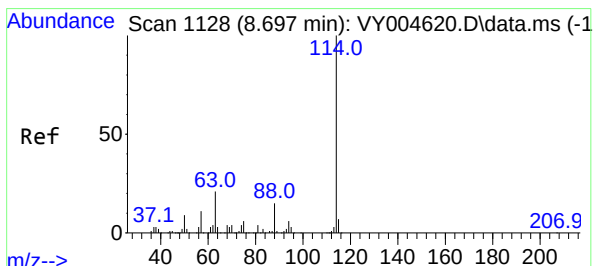
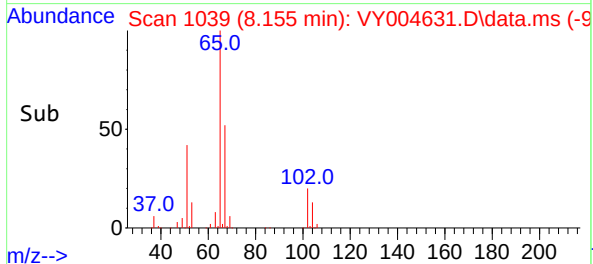
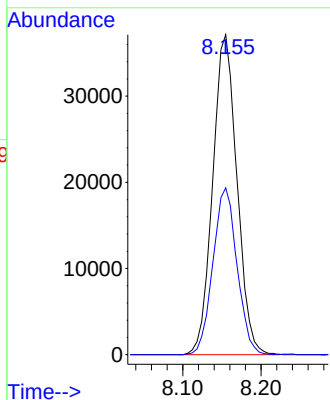
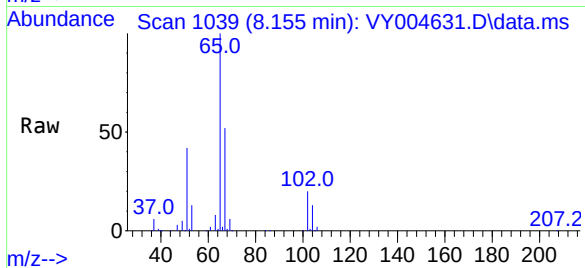




#33  
1,2-Dichloroethane-d4  
Concen: 59.90 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

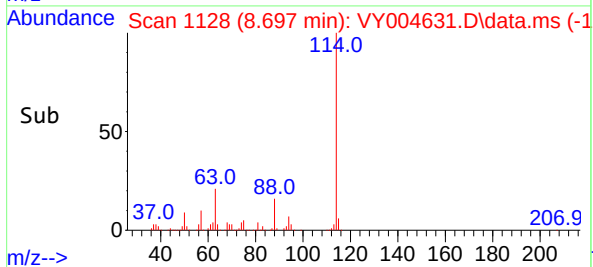
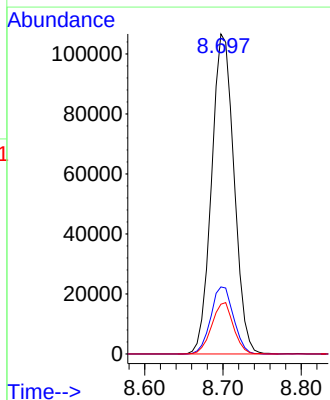
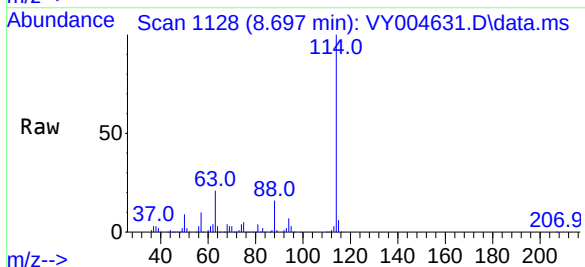
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STOCKPILE-VOC-5

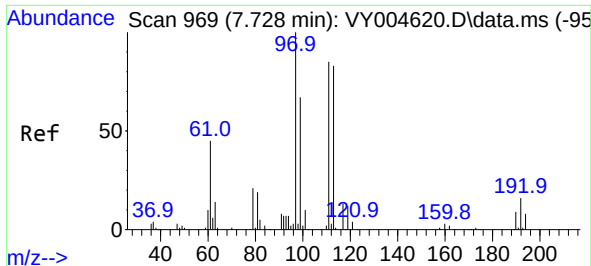
Tgt Ion: 65 Resp: 79872  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 106.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

Tgt Ion: 114 Resp: 212536  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 42.4  
88 15.6 0.0 30.8

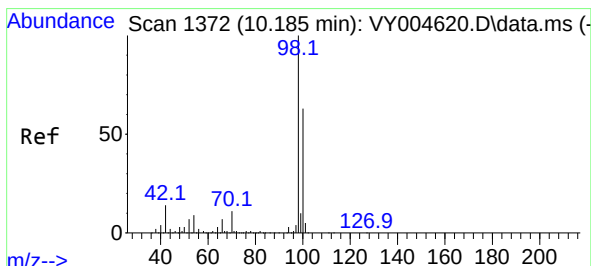
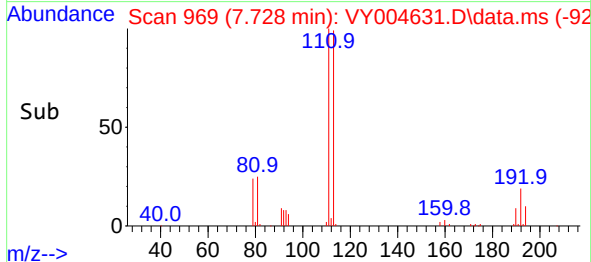
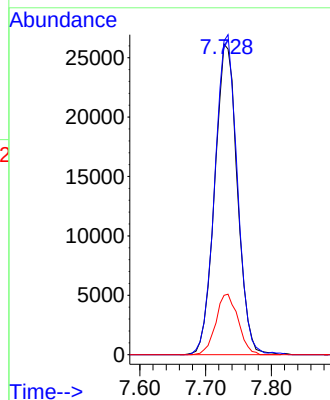
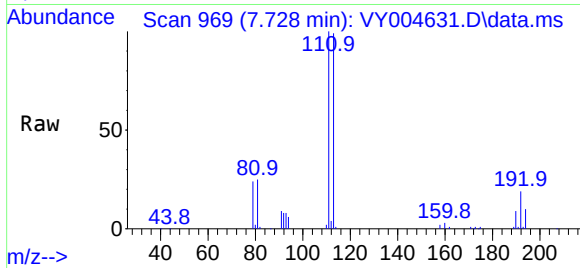




#35  
Dibromofluoromethane  
Concen: 53.03 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

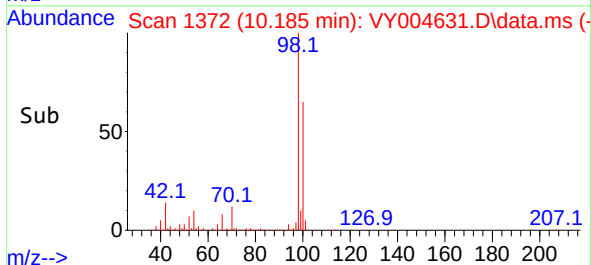
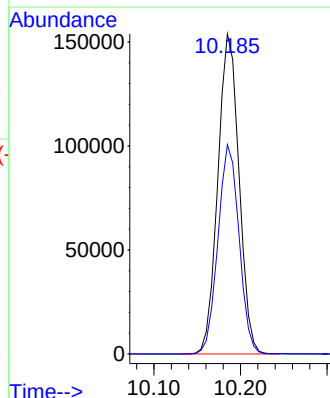
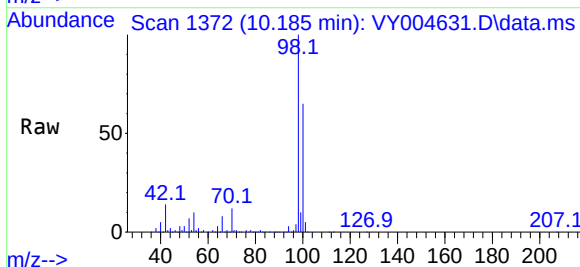
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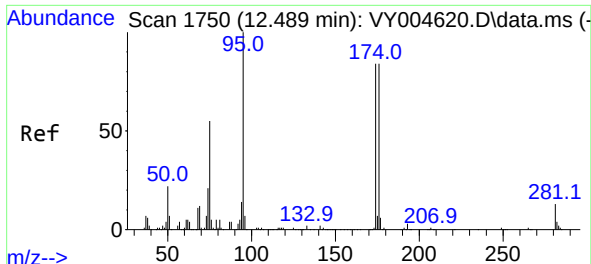
Tgt Ion:113 Resp: 62543  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.6 123.8  
192 19.2 16.1 24.1



#50  
Toluene-d8  
Concen: 52.06 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

Tgt Ion: 98 Resp: 261209  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.8 77.6

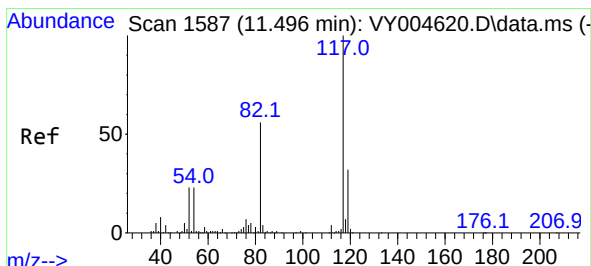
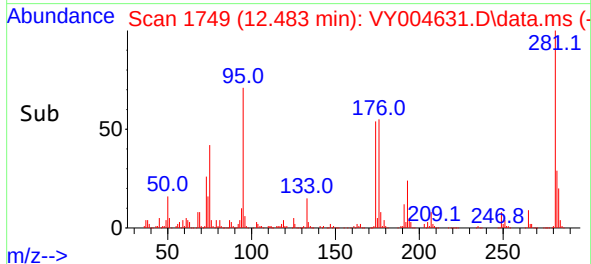
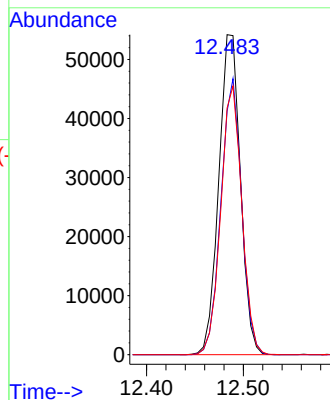
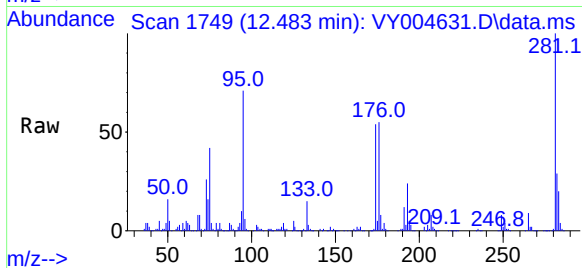




#62  
4-Bromofluorobenzene  
Concen: 49.38 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

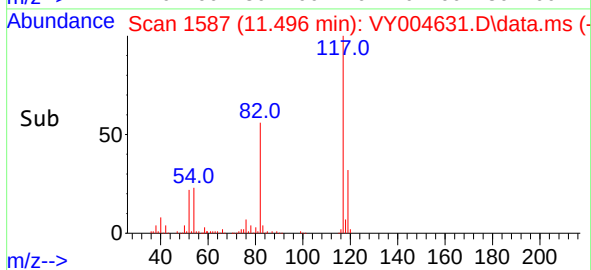
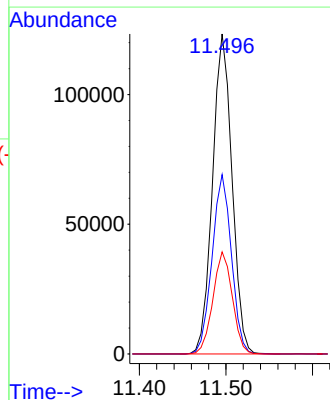
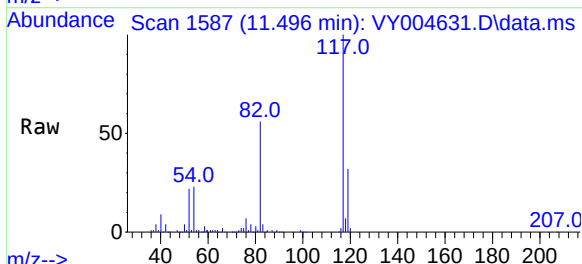
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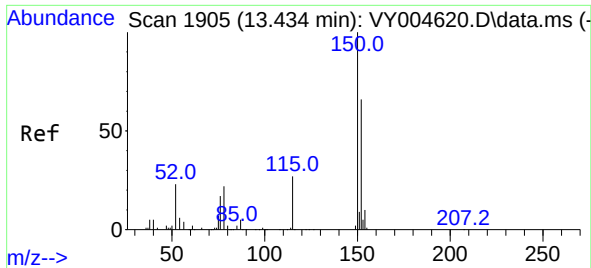
Tgt Ion: 95 Resp: 84077  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 162.4  
176 81.8 0.0 156.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

Tgt Ion: 117 Resp: 192725  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.9 67.3  
119 31.9 25.4 38.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004631.D  
Acq: 26 Apr 2021 15:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
STOCKPILE-VOC-5

Tgt Ion:152 Resp: 72905  
Ion Ratio Lower Upper  
152 100  
115 59.1 29.6 88.8  
150 159.2 0.0 348.4

