

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040422\  
 Data File : VD072520.D  
 Acq On : 04 Apr 2022 15:55  
 Operator : VA/SY  
 Sample : N2241-01  
 Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CL-02-040122

Quant Time: Apr 05 03:20:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

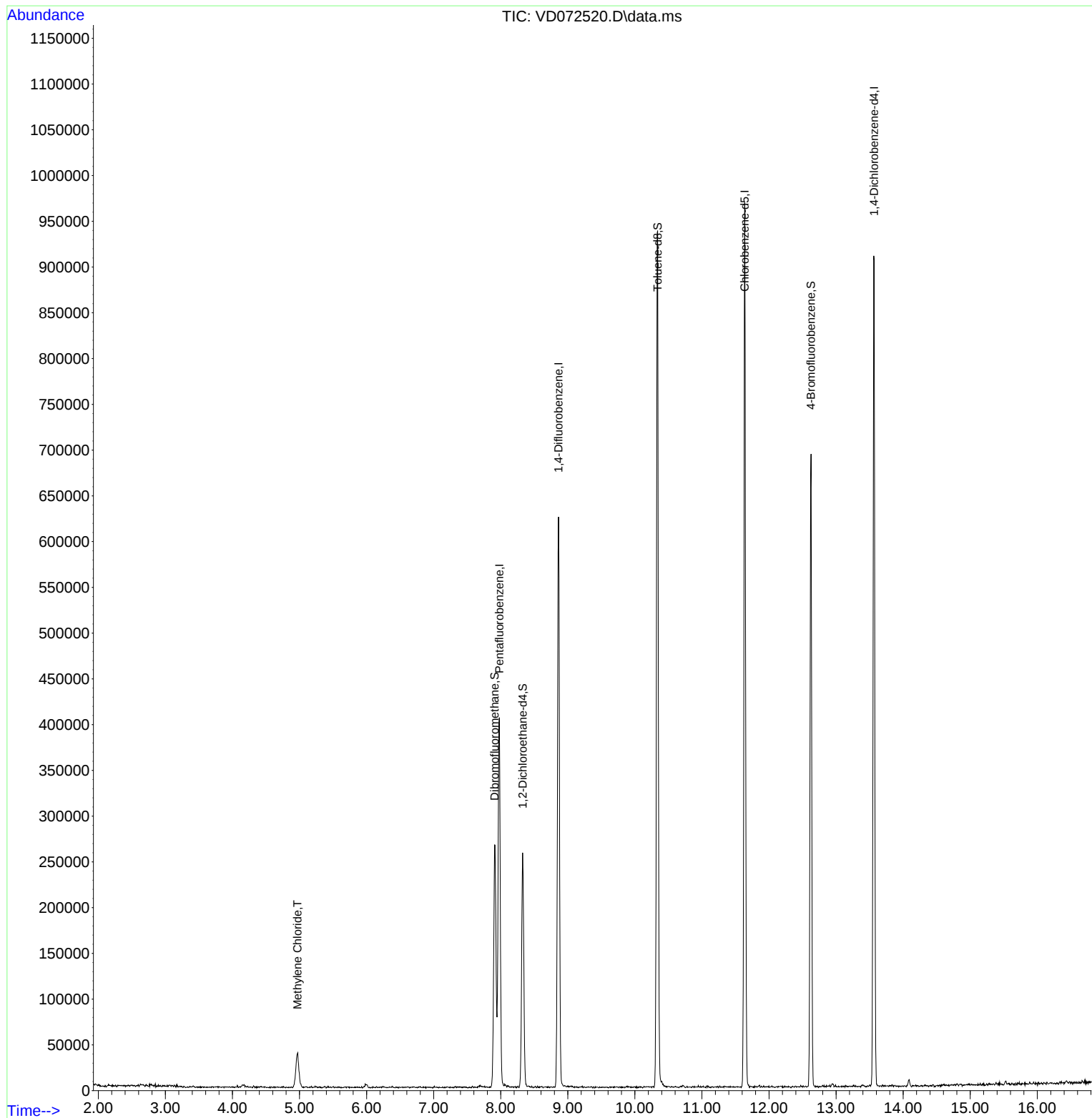
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.979  | 168   | 292860   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 547216   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 545576   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 247535   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 205943   | 58.131   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 116.260%    |
| 35) Dibromofluoromethane    | 7.909  | 113   | 197079   | 46.343   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 92.680%     |
| 50) Toluene-d8              | 10.338 | 98    | 668102   | 45.196   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 90.400%     |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 237483   | 41.135   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 82.280%     |
| Target Compounds            |        |       |          |          |       |             |
| 20) Methylene Chloride      | 4.968  | 84    | 30678    | 7.801    | ug/l  | Qvalue # 81 |
| -----                       |        |       |          |          |       |             |

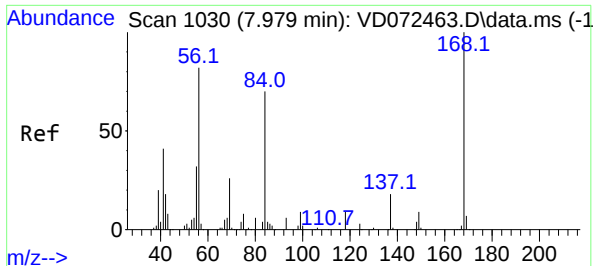
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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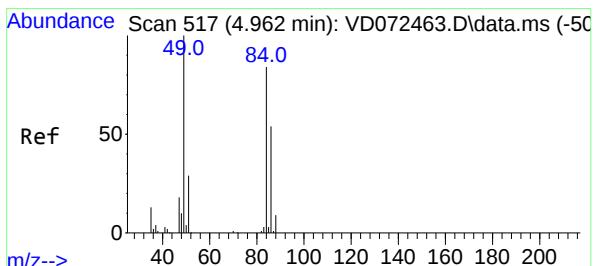
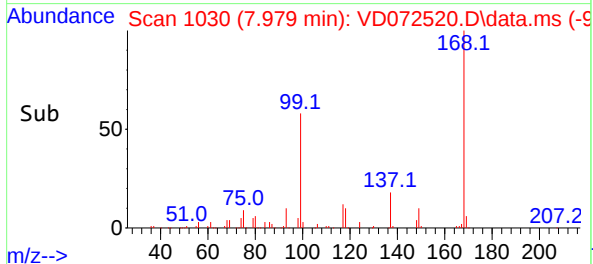
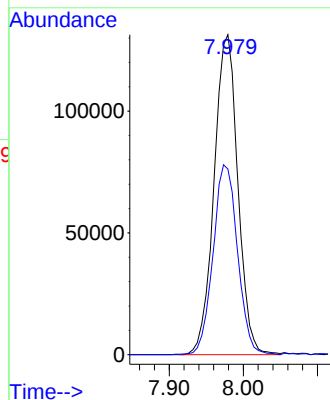
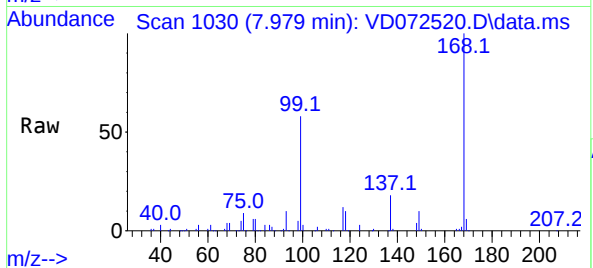




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

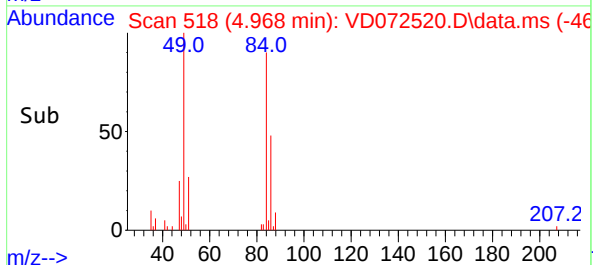
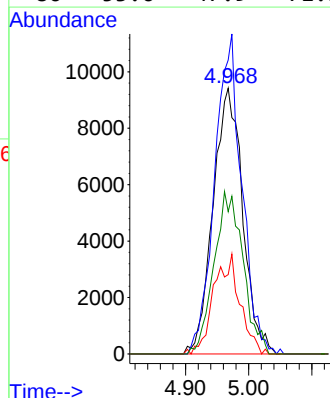
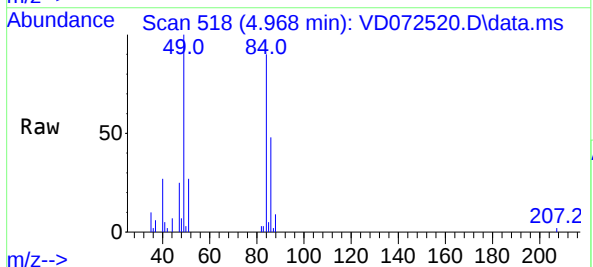
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MSVOA\_D  
ClientSampleId :  
CL-02-040122

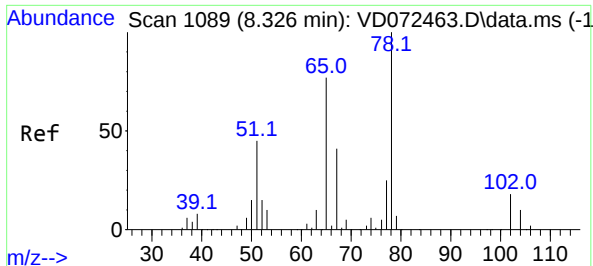
Tgt Ion:168 Resp: 292860  
Ion Ratio Lower Upper  
168 100  
99 58.0 49.8 74.6



#20  
Methylene Chloride  
Concen: 7.801 ug/l  
RT: 4.968 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

Tgt Ion: 84 Resp: 30678  
Ion Ratio Lower Upper  
84 100  
49 110.6 112.8 169.2#  
51 29.9 32.6 48.8#  
86 53.6 47.9 71.9

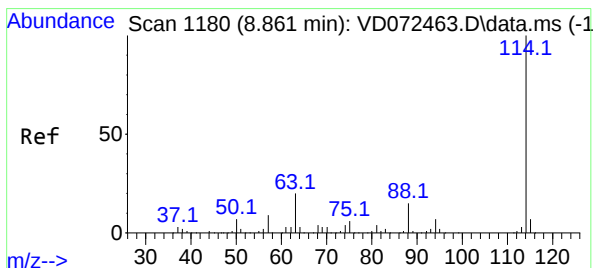
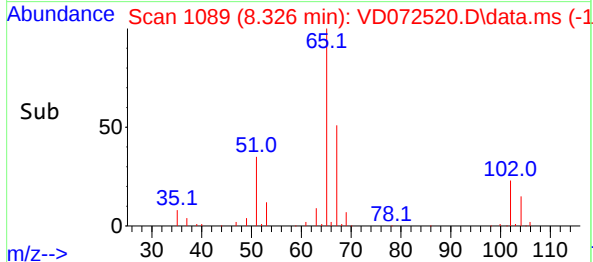
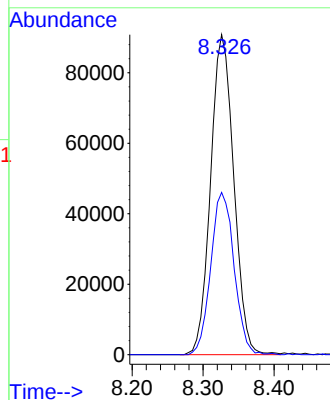
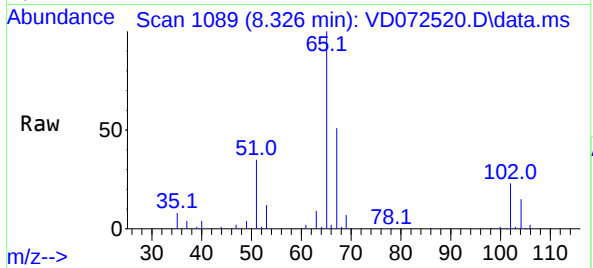




#33  
1,2-Dichloroethane-d4  
Concen: 58.131 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

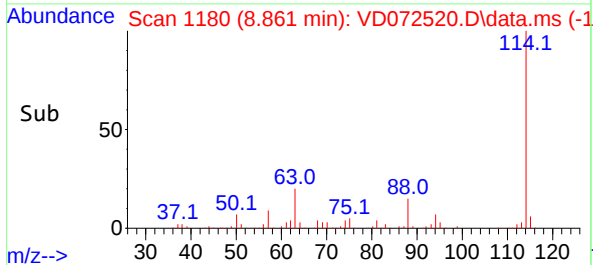
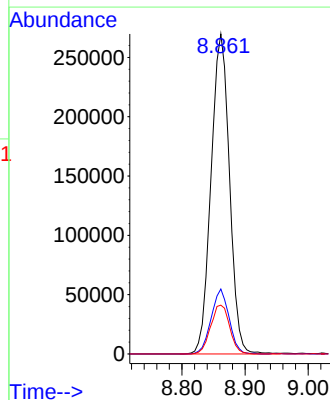
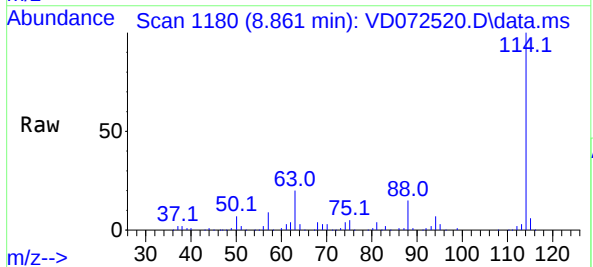
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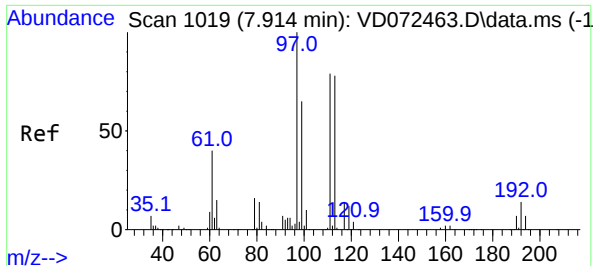
Tgt Ion: 65 Resp: 205943  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

Tgt Ion: 114 Resp: 547216  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 46.6  
88 15.2 0.0 33.2

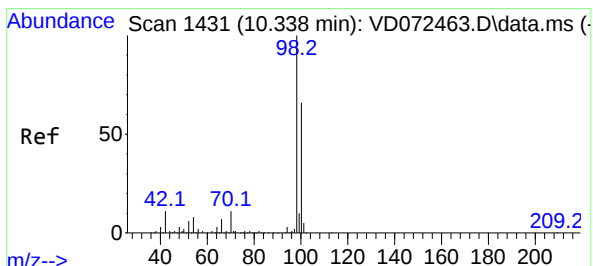
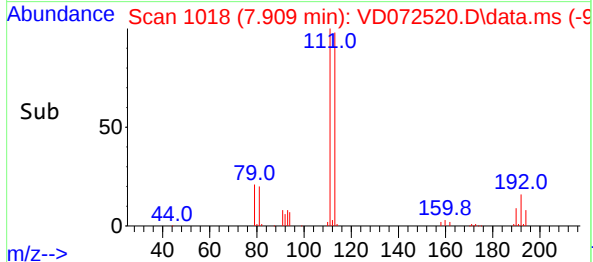
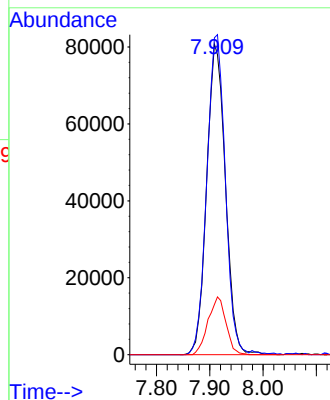
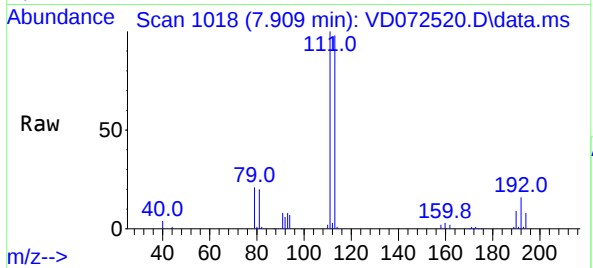




#35  
Dibromofluoromethane  
Concen: 46.343 ug/l  
RT: 7.909 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

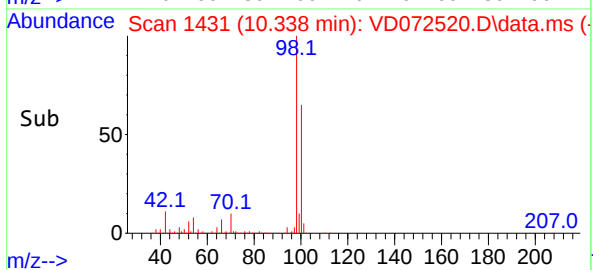
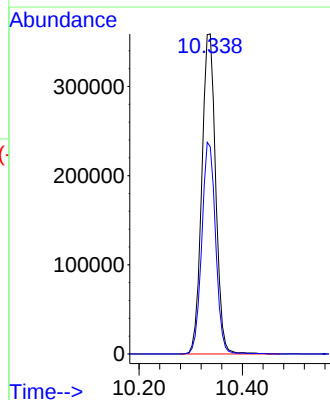
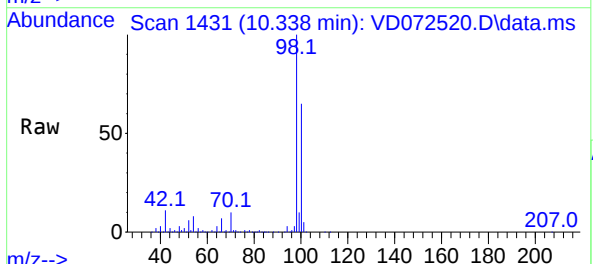
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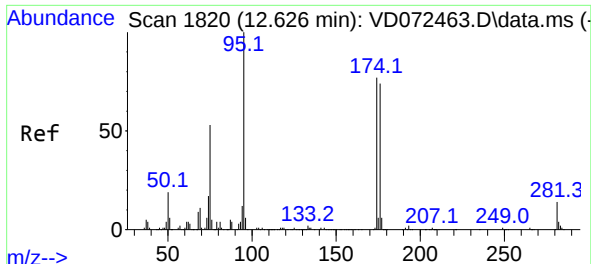
Tgt Ion:113 Resp: 197079  
Ion Ratio Lower Upper  
113 100  
111 101.1 83.8 125.6  
192 17.8 14.6 21.8



#50  
Toluene-d8  
Concen: 45.196 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

Tgt Ion: 98 Resp: 668102  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.4 78.6

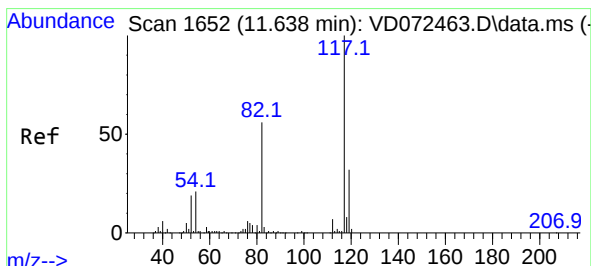
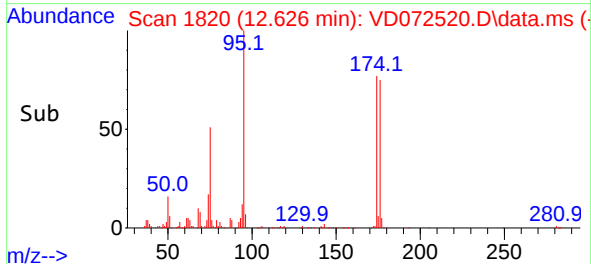
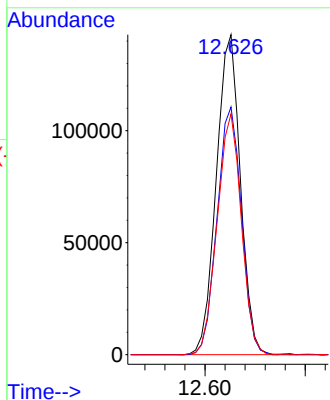
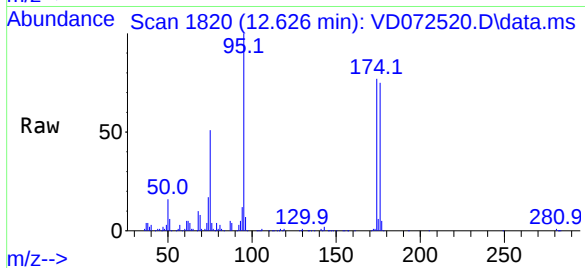




#62  
4-Bromofluorobenzene  
Concen: 41.135 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

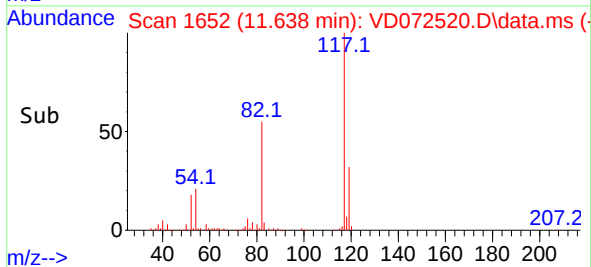
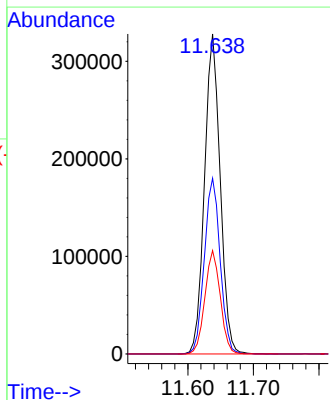
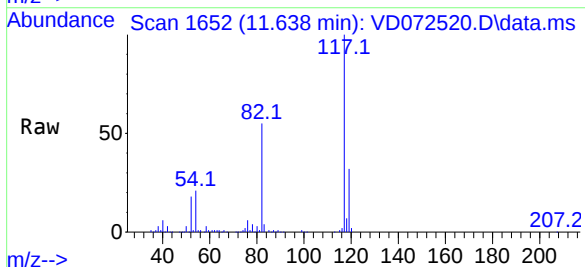
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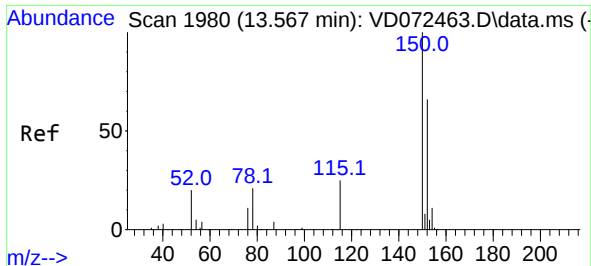
Tgt Ion: 95 Resp: 237483  
Ion Ratio Lower Upper  
95 100  
174 78.4 0.0 152.8  
176 75.5 0.0 145.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD072520.D  
Acq: 04 Apr 2022 15:55

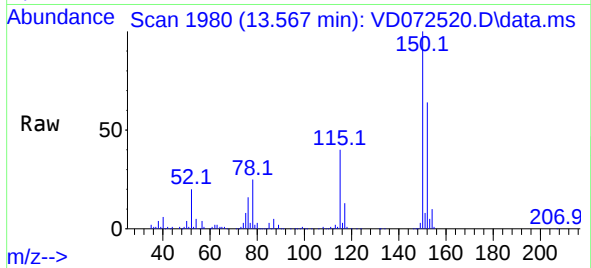
Tgt Ion: 117 Resp: 545576  
Ion Ratio Lower Upper  
117 100  
82 54.9 45.3 67.9  
119 32.3 26.6 40.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.567 min Scan# 1980  
 Delta R.T. 0.000 min  
 Lab File: VD072520.D  
 Acq: 04 Apr 2022 15:55

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CL-02-040122



Tgt Ion:152 Resp: 247535  
 Ion Ratio Lower Upper  
 152 100  
 115 62.0 31.3 93.8  
 150 159.2 0.0 348.6

