

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031622\  
 Data File : VD072216.D  
 Acq On : 16 Mar 2022 14:12  
 Operator : VA/SY  
 Sample : N1918-15  
 Misc : 4.91G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JDSH-TB-STOCKPILE-C

Quant Time: Mar 16 15:01:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

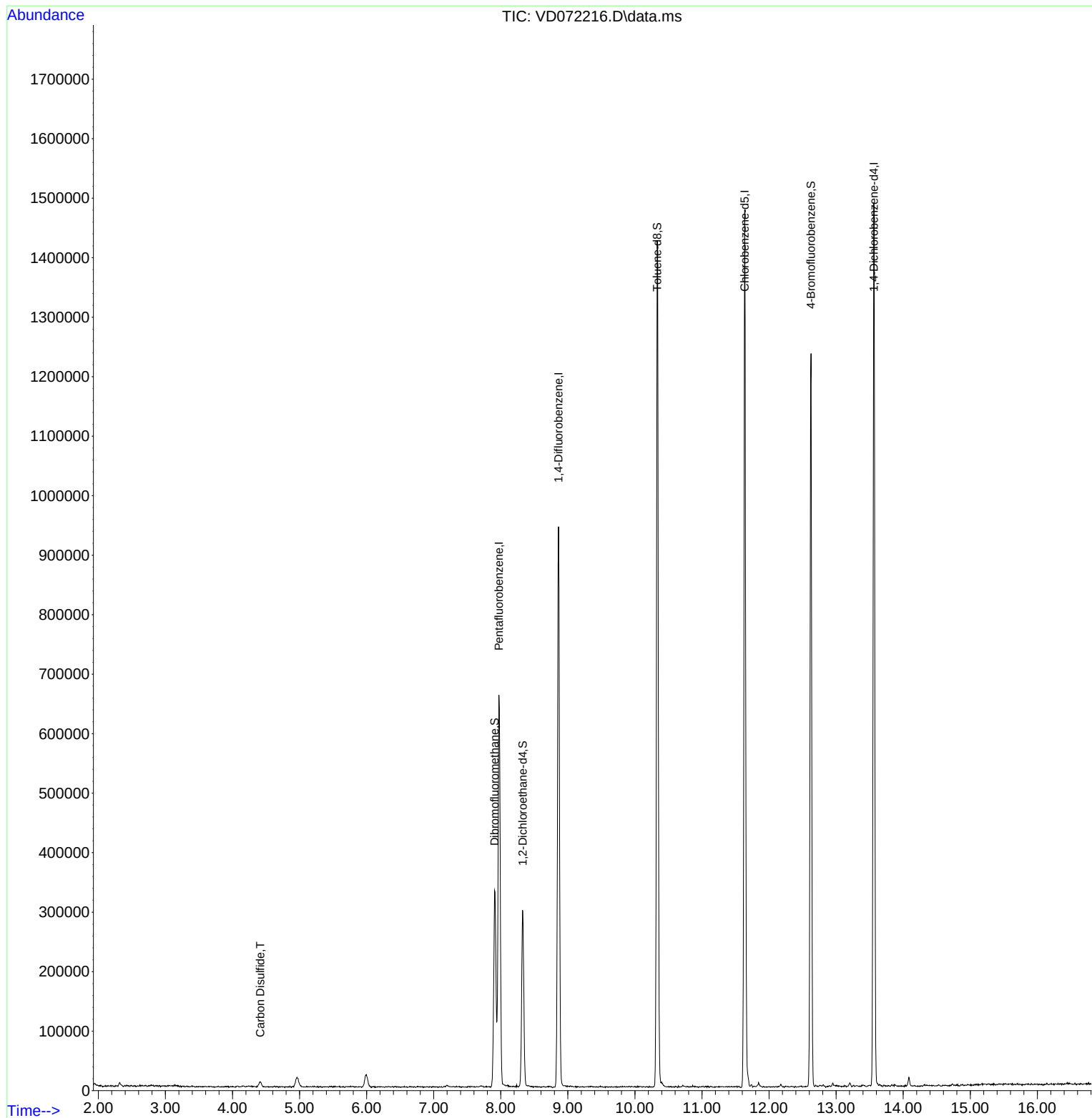
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 486975   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 800254   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.637 | 117   | 827992   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 403014   | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 235896   | 43.467   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 86.940%  |
| 35) Dibromofluoromethane    | 7.908  | 113   | 239501   | 42.529   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 85.060%  |
| 50) Toluene-d8              | 10.332 | 98    | 975360   | 47.367   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 94.740%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 405351   | 50.663   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 101.320% |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 17) Carbon Disulfide        | 4.414  | 76    | 17591    | 3.135    | ug/l  | 97       |
| -----                       |        |       |          |          |       |          |

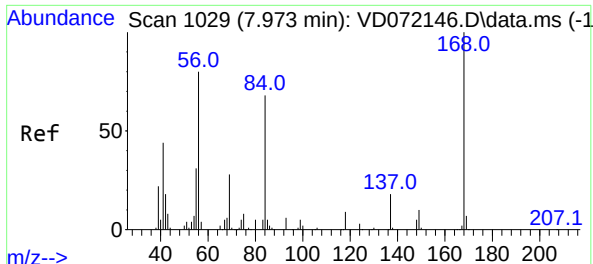
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031622\  
Data File : VD072216.D  
Acq On : 16 Mar 2022 14:12  
Operator : VA/SY  
Sample : N1918-15  
Misc : 4.91G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
JDSH-TB-STOCKPILE-C

Quant Time: Mar 16 15:01:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 14 05:18:06 2022  
Response via : Initial Calibration

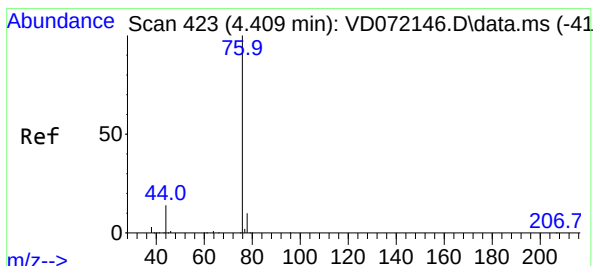
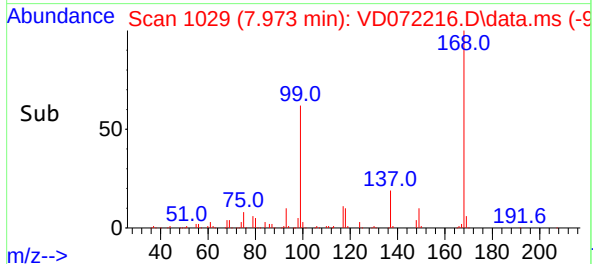
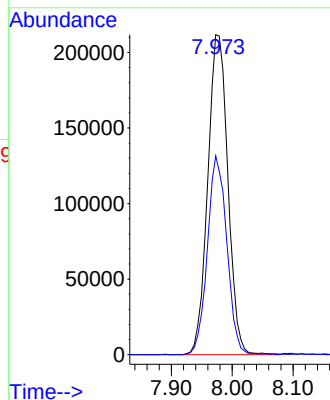
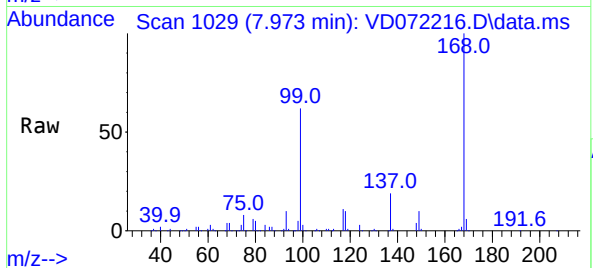




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

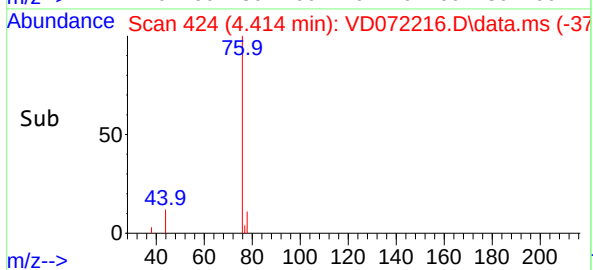
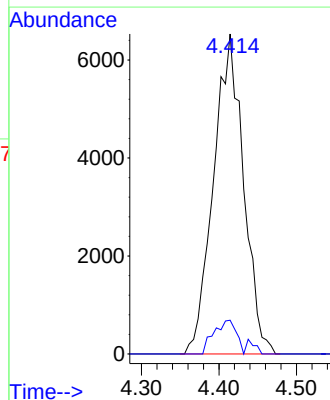
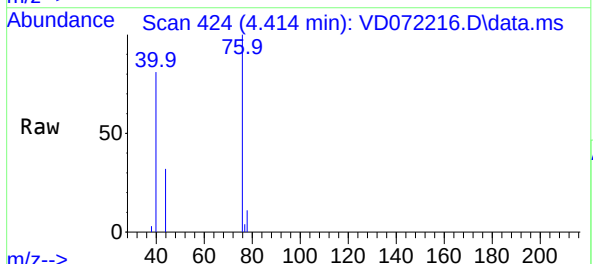
Instrument :  
MSVOA\_D  
ClientSampleId :  
JDSH-TB-STOCKPILE-C

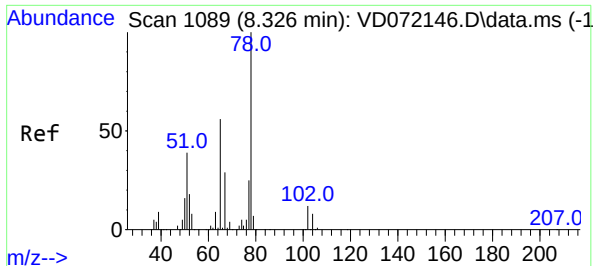
Tgt Ion:168 Resp: 486975  
Ion Ratio Lower Upper  
168 100  
99 62.2 49.8 74.6



#17  
Carbon Disulfide  
Concen: 3.135 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. 0.005 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

Tgt Ion: 76 Resp: 17591  
Ion Ratio Lower Upper  
76 100  
78 10.5 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 43.467 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072216.D

Acq: 16 Mar 2022 14:12

Instrument :

MSVOA\_D

ClientSampleId :

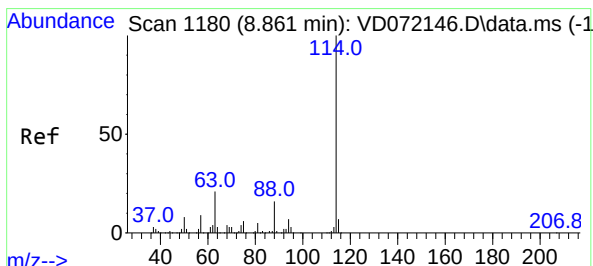
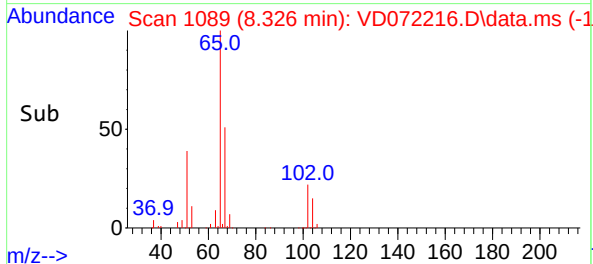
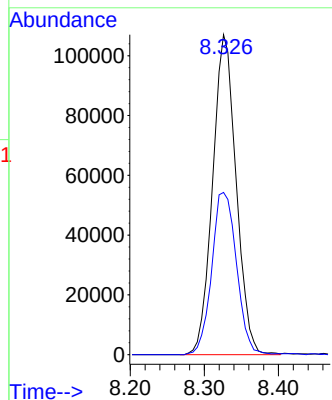
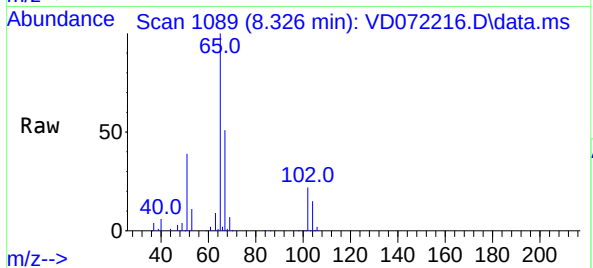
JDSH-TB-STOCKPILE-C

Tgt Ion: 65 Resp: 235896

Ion Ratio Lower Upper

65 100

67 53.5 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: VD072216.D

Acq: 16 Mar 2022 14:12

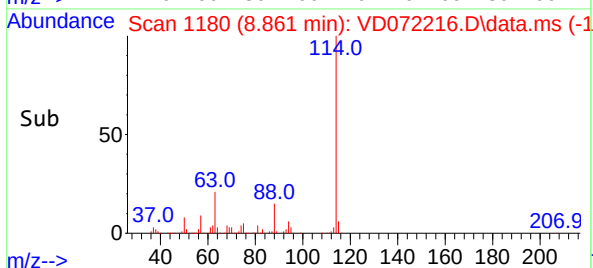
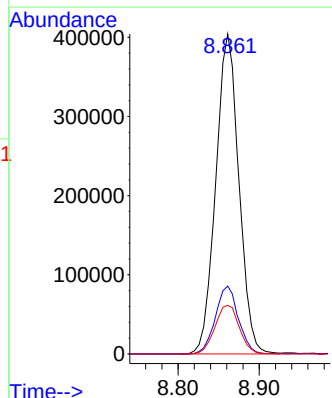
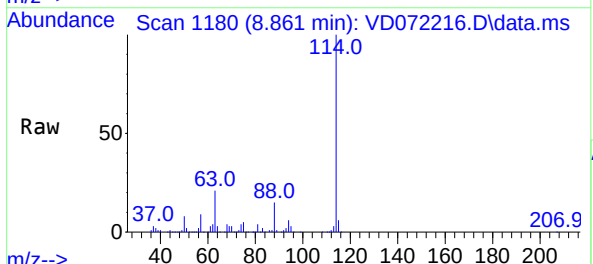
Tgt Ion: 114 Resp: 800254

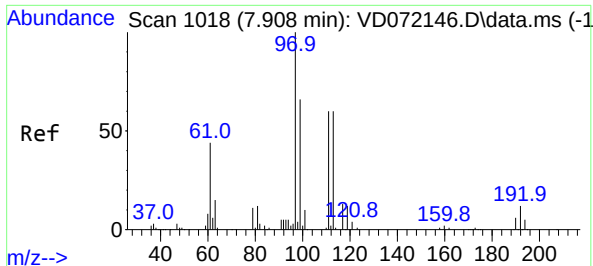
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.2 0.0 33.2

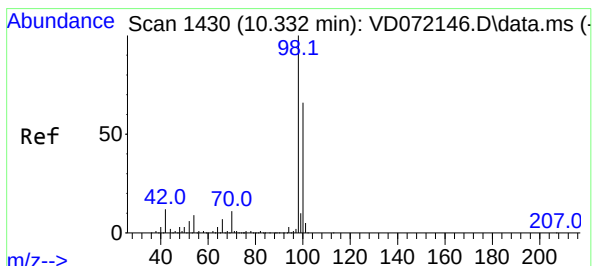
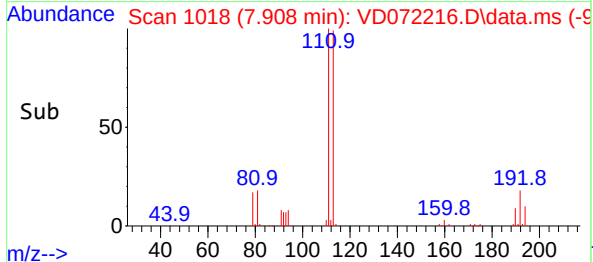
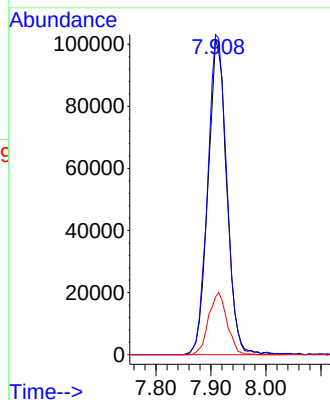
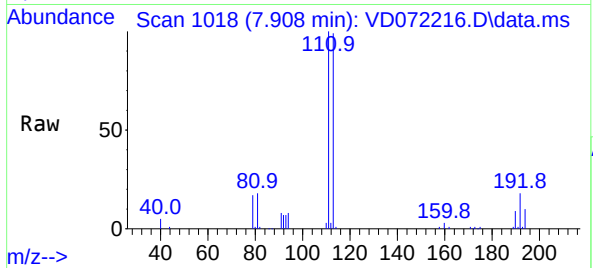




#35  
Dibromofluoromethane  
Concen: 42.529 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

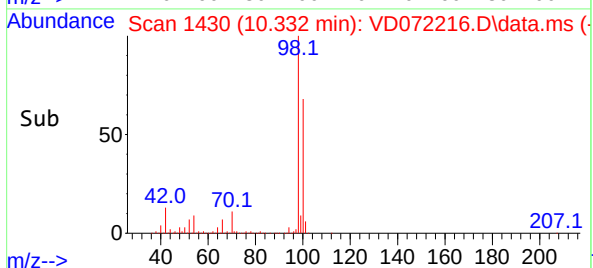
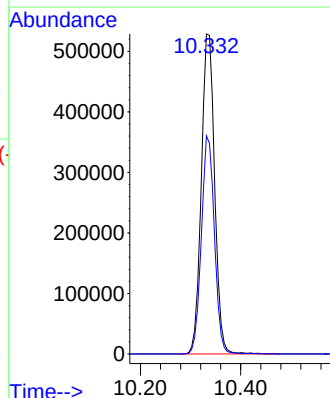
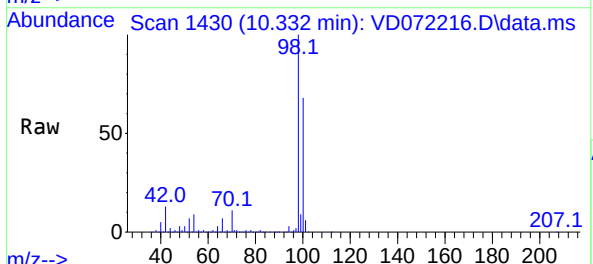
Instrument :  
MSVOA\_D  
ClientSampleId :  
JDSH-TB-STOCKPILE-C

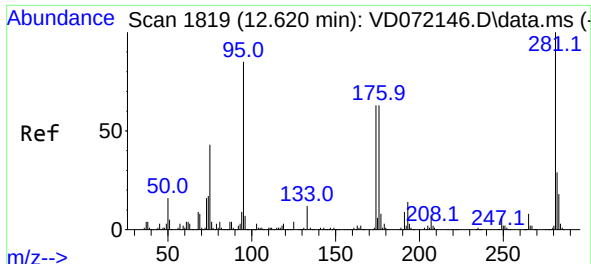
Tgt Ion:113 Resp: 239501  
Ion Ratio Lower Upper  
113 100  
111 103.7 83.8 125.6  
192 19.5 14.6 21.8



#50  
Toluene-d8  
Concen: 47.367 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

Tgt Ion: 98 Resp: 975360  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.4 78.6

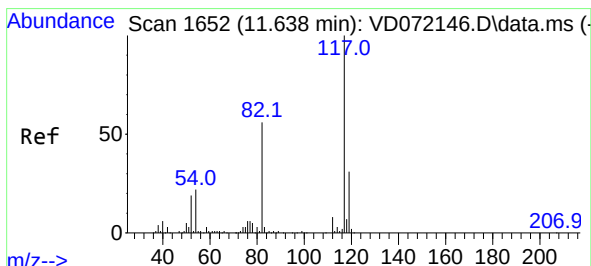
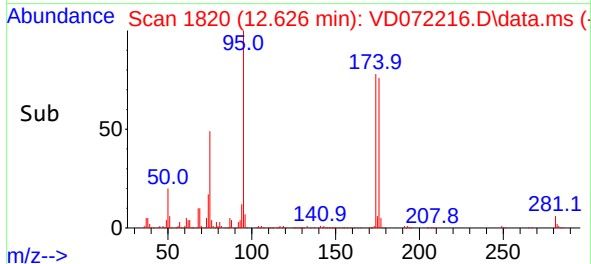
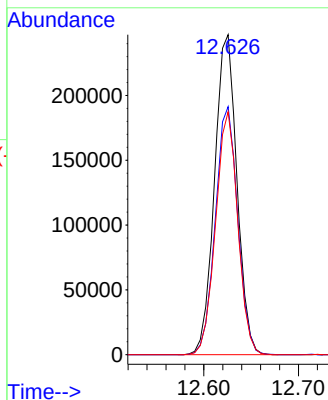
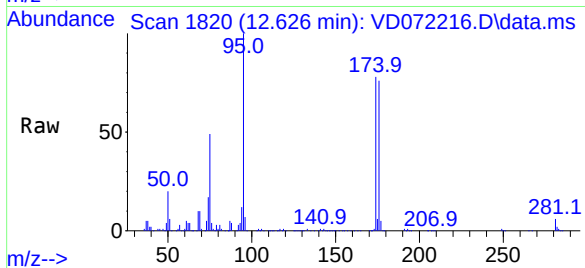




#62  
4-Bromofluorobenzene  
Concen: 50.663 ug/l  
RT: 12.626 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

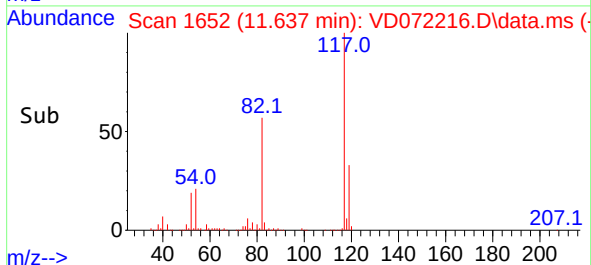
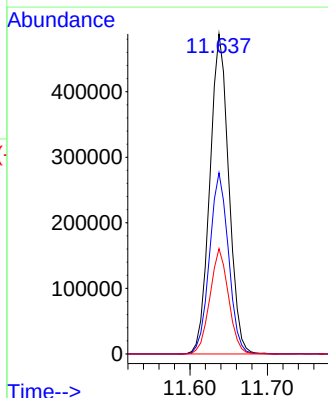
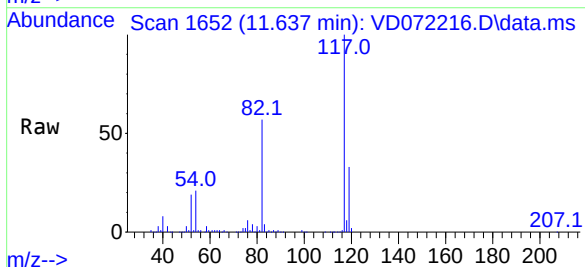
Instrument :  
MSVOA\_D  
ClientSampleId :  
JDSH-TB-STOCKPILE-C

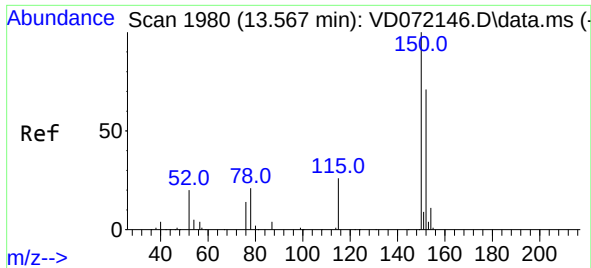
Tgt Ion: 95 Resp: 405351  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 152.8  
176 74.9 0.0 145.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

Tgt Ion: 117 Resp: 827992  
Ion Ratio Lower Upper  
117 100  
82 56.6 45.3 67.9  
119 32.9 26.6 40.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072216.D  
Acq: 16 Mar 2022 14:12

Instrument :  
MSVOA\_D  
ClientSampleId :  
JDSH-TB-STOCKPILE-C

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 403014 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.4  | 31.3  | 93.8   |
| 150      | 158.4 | 0.0   | 348.6  |

