

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022522\  
 Data File : VD072095.D  
 Acq On : 25 Feb 2022 12:46  
 Operator : VA/SY  
 Sample : N1598-05RE  
 Misc : 4.80G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 GS-5RE

Quant Time: Feb 26 05:41:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 19 04:05:38 2022  
 Response via : Initial Calibration

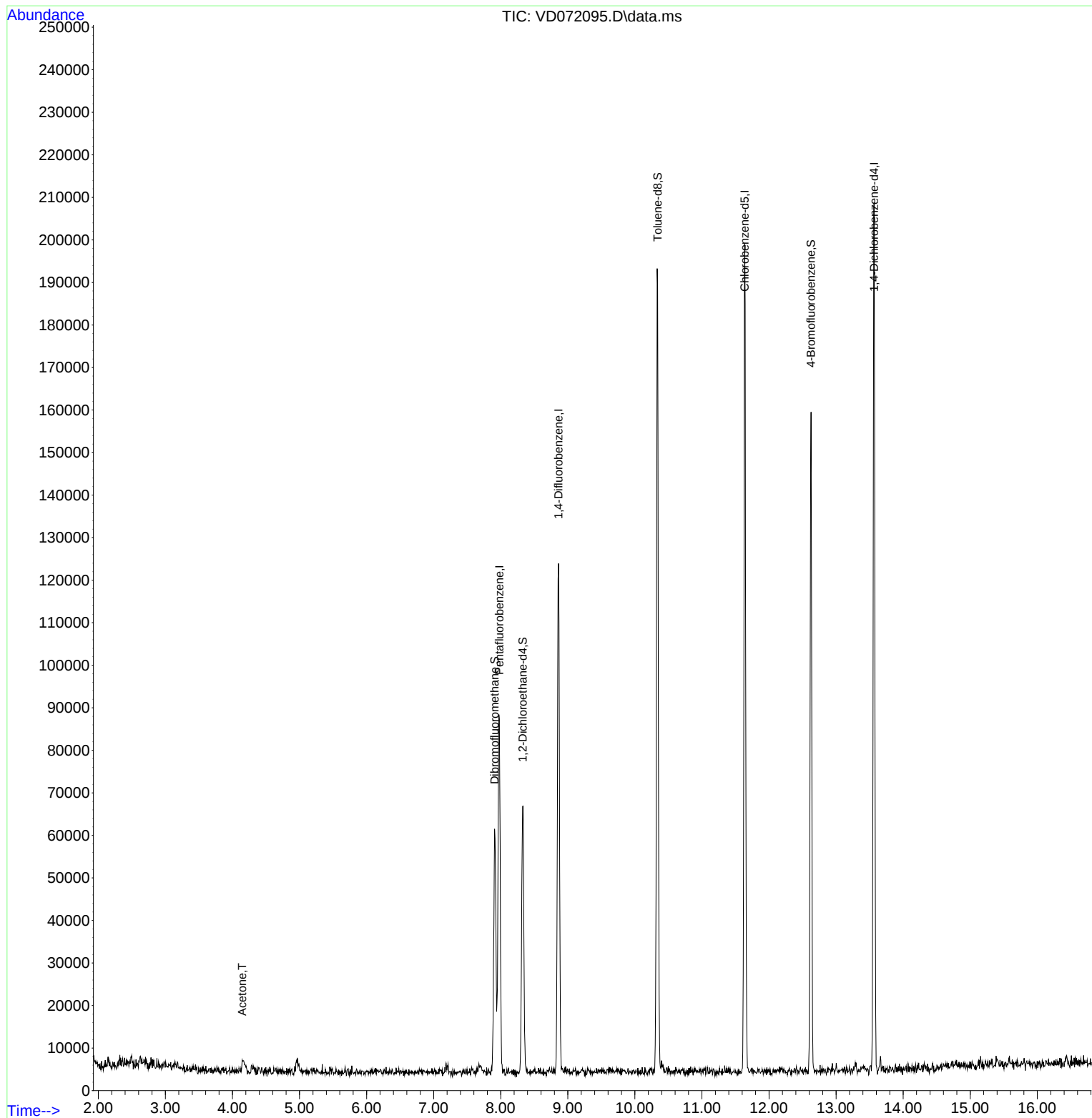
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.979  | 168   | 63181    | 50.00    | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 105009   | 50.00    | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 114062   | 50.00    | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 55873    | 50.00    | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 52290    | 79.79    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 159.58%     |
| 35) Dibromofluoromethane    | 7.909  | 113   | 40228    | 63.23    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 126.46%     |
| 50) Toluene-d8              | 10.338 | 98    | 128925   | 54.64    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 109.28%     |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 50652    | 58.45    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 116.90%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.144  | 43    | 5694     | 40.20    | ug/l  | Qvalue # 70 |
| -----                       |        |       |          |          |       |             |

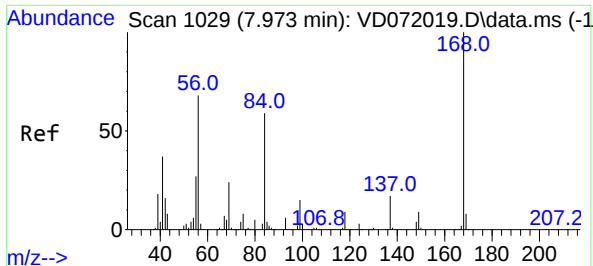
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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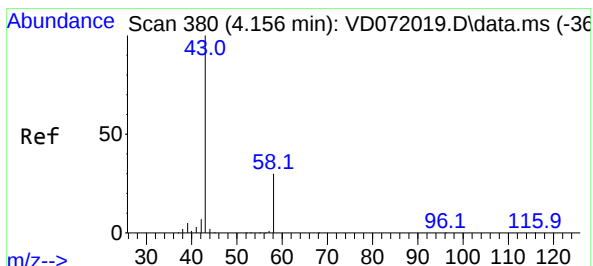
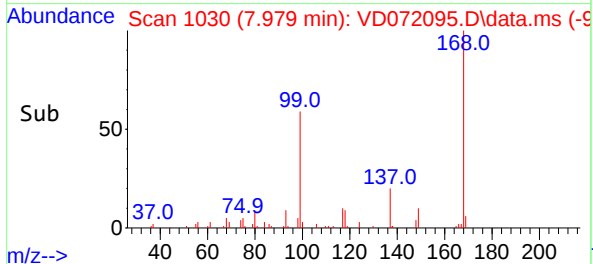
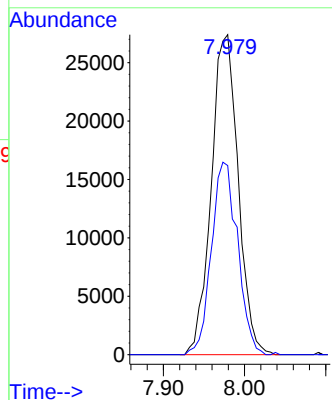
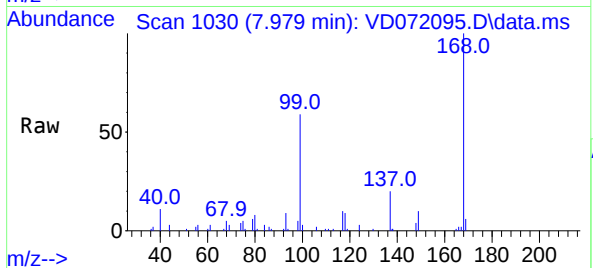




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1029  
Delta R.T. 0.006 min  
Lab File: VD072095.D  
Acq: 25 Feb 2022 12:46

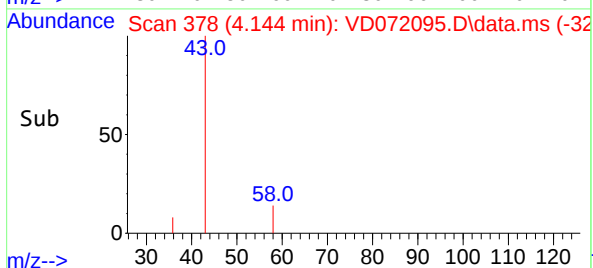
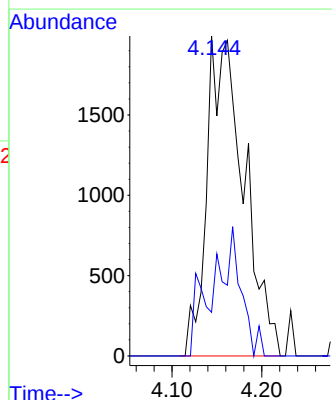
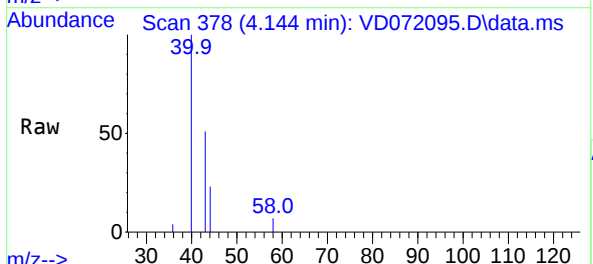
Instrument :  
MSVOA\_D  
ClientSampleId :  
GS-5RE

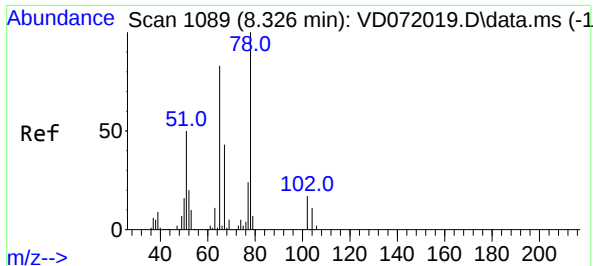
Tgt Ion:168 Resp: 63181  
Ion Ratio Lower Upper  
168 100  
99 59.1 47.1 70.7



#16  
Acetone  
Concen: 40.20 ug/l  
RT: 4.144 min Scan# 378  
Delta R.T. -0.012 min  
Lab File: VD072095.D  
Acq: 25 Feb 2022 12:46

Tgt Ion: 43 Resp: 5694  
Ion Ratio Lower Upper  
43 100  
58 13.7 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 79.79 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072095.D

Acq: 25 Feb 2022 12:46

Instrument :

MSVOA\_D

ClientSampleId :

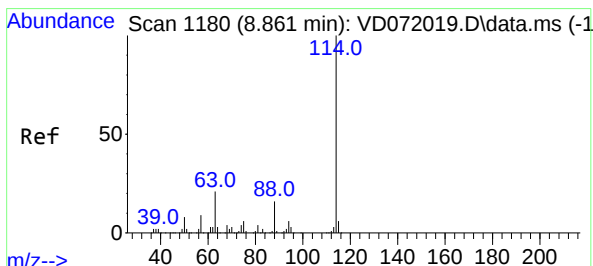
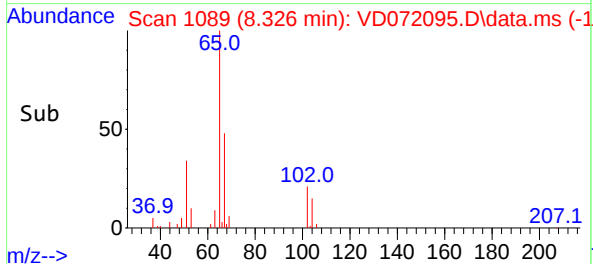
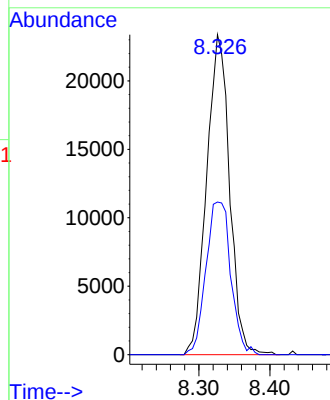
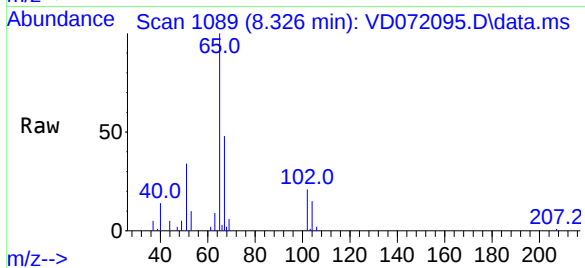
GS-5RE

Tgt Ion: 65 Resp: 52290

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072095.D

Acq: 25 Feb 2022 12:46

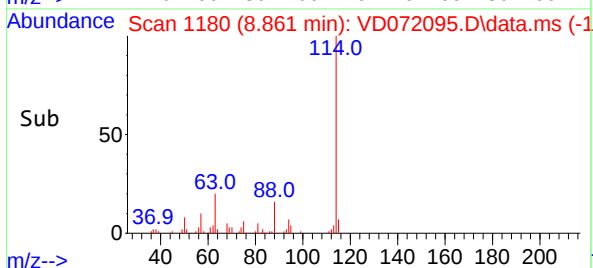
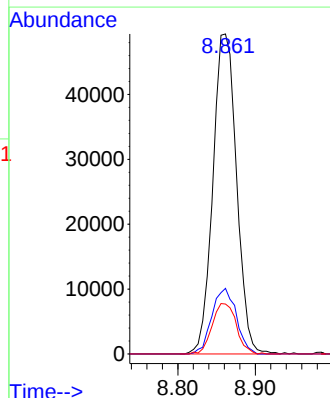
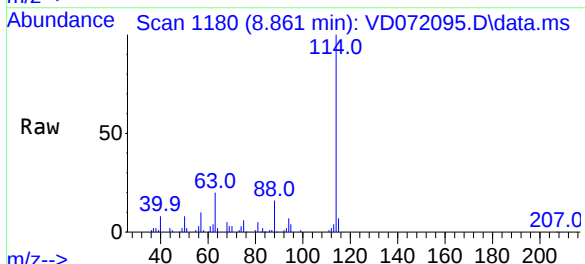
Tgt Ion: 114 Resp: 105009

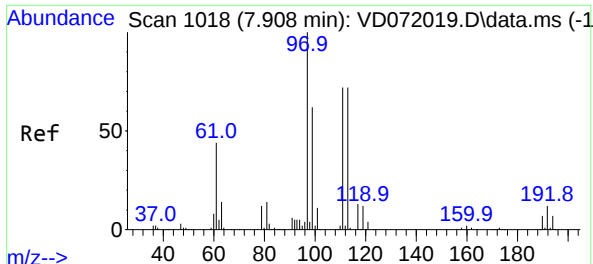
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 15.6 0.0 31.2

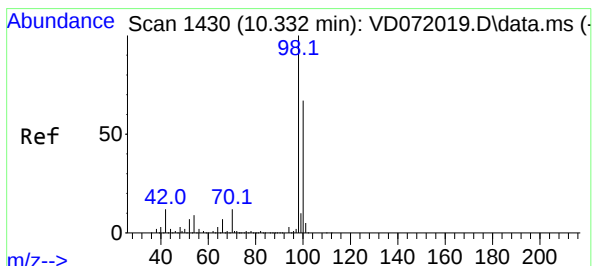
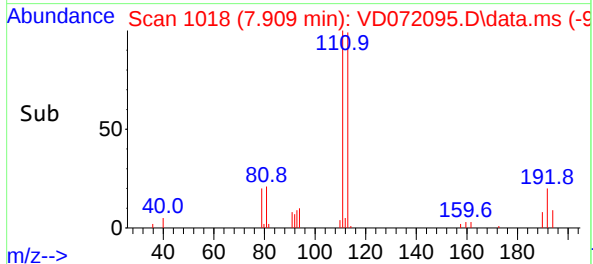
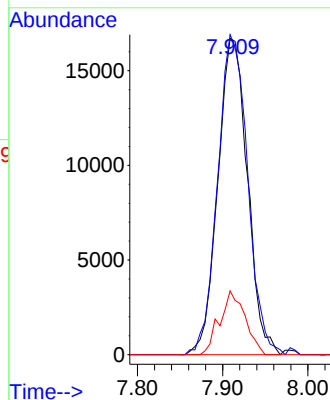
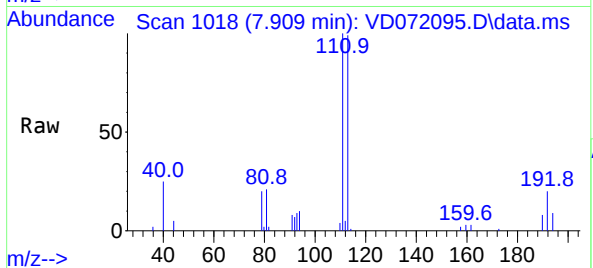




#35  
Dibromofluoromethane  
Concen: 63.23 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD072095.D  
Acq: 25 Feb 2022 12:46

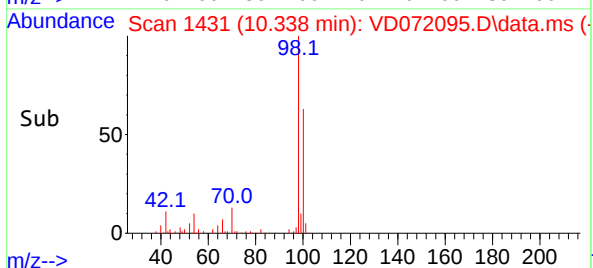
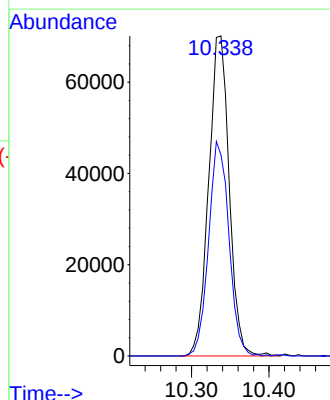
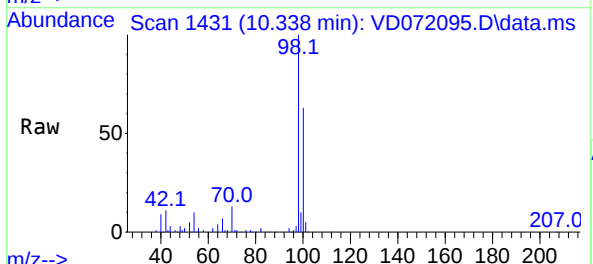
Instrument :  
MSVOA\_D  
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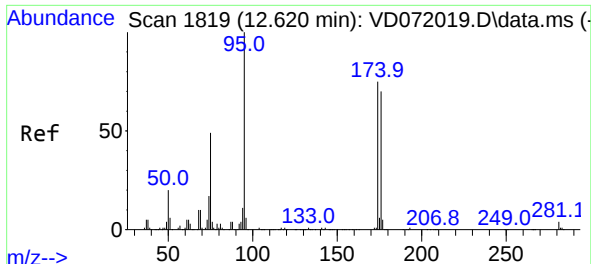
Tgt Ion:113 Resp: 40228  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.0 124.4  
192 17.4 15.3 22.9



#50  
Toluene-d8  
Concen: 54.64 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VD072095.D  
Acq: 25 Feb 2022 12:46

Tgt Ion: 98 Resp: 128925  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.8 80.6



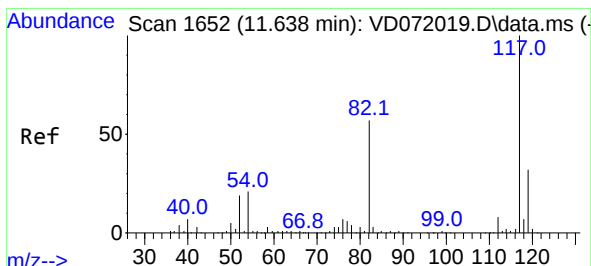
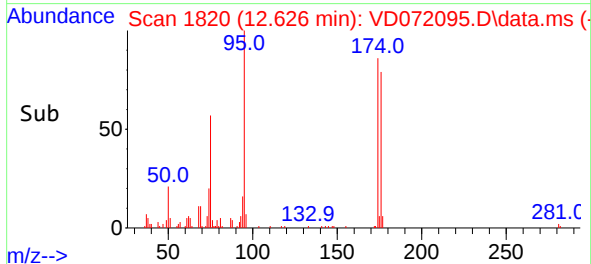
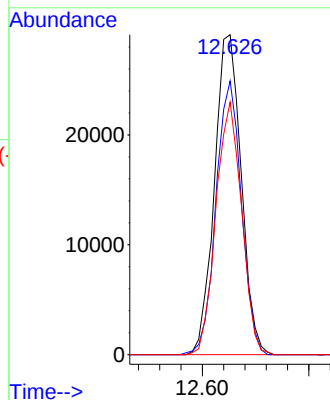
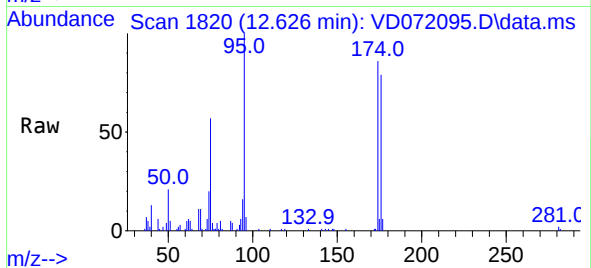


#62  
4-Bromofluorobenzene  
Concen: 58.45 ug/l  
RT: 12.626 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: VD072095.D  
Acq: 25 Feb 2022 12:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
GS-5RE

Tgt Ion: 95 Resp: 50652

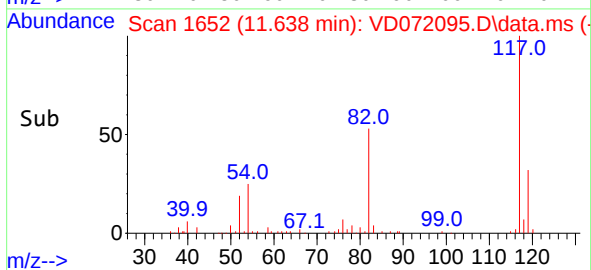
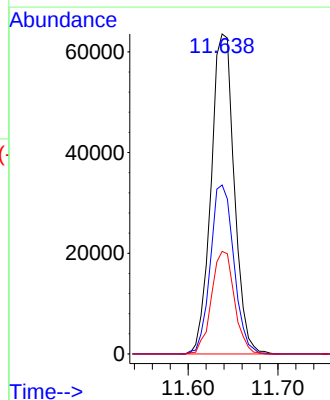
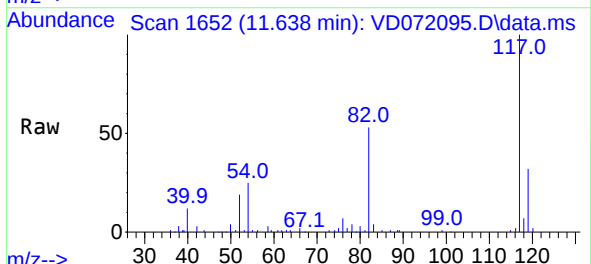
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 81.5  | 0.0   | 155.0 |
| 176 | 75.8  | 0.0   | 148.8 |

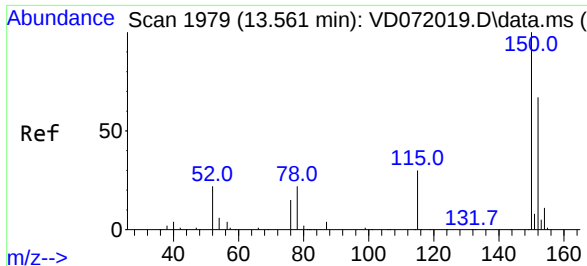


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD072095.D  
Acq: 25 Feb 2022 12:46

Tgt Ion: 117 Resp: 114062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 52.8  | 45.4  | 68.0  |
| 119 | 32.0  | 25.4  | 38.2  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD072095.D

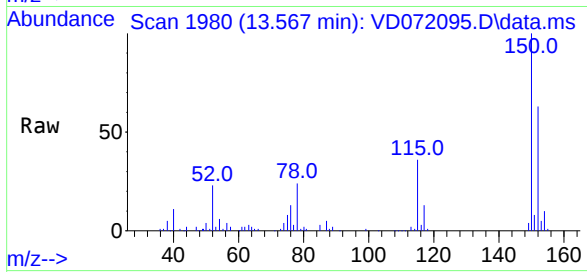
Acq: 25 Feb 2022 12:46

Instrument :

MSVOA\_D

ClientSampleId :

GS-5RE



Tgt Ion:152 Resp: 55873

Ion Ratio Lower Upper

152 100

115 60.3 29.9 89.7

150 158.1 0.0 347.6

