

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052322\  
 Data File : VX028898.D  
 Acq On : 23 May 2022 16:45  
 Operator : JC/MD  
 Sample : N2884-01  
 Misc : 1.12g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31490

Quant Time: May 23 17:12:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

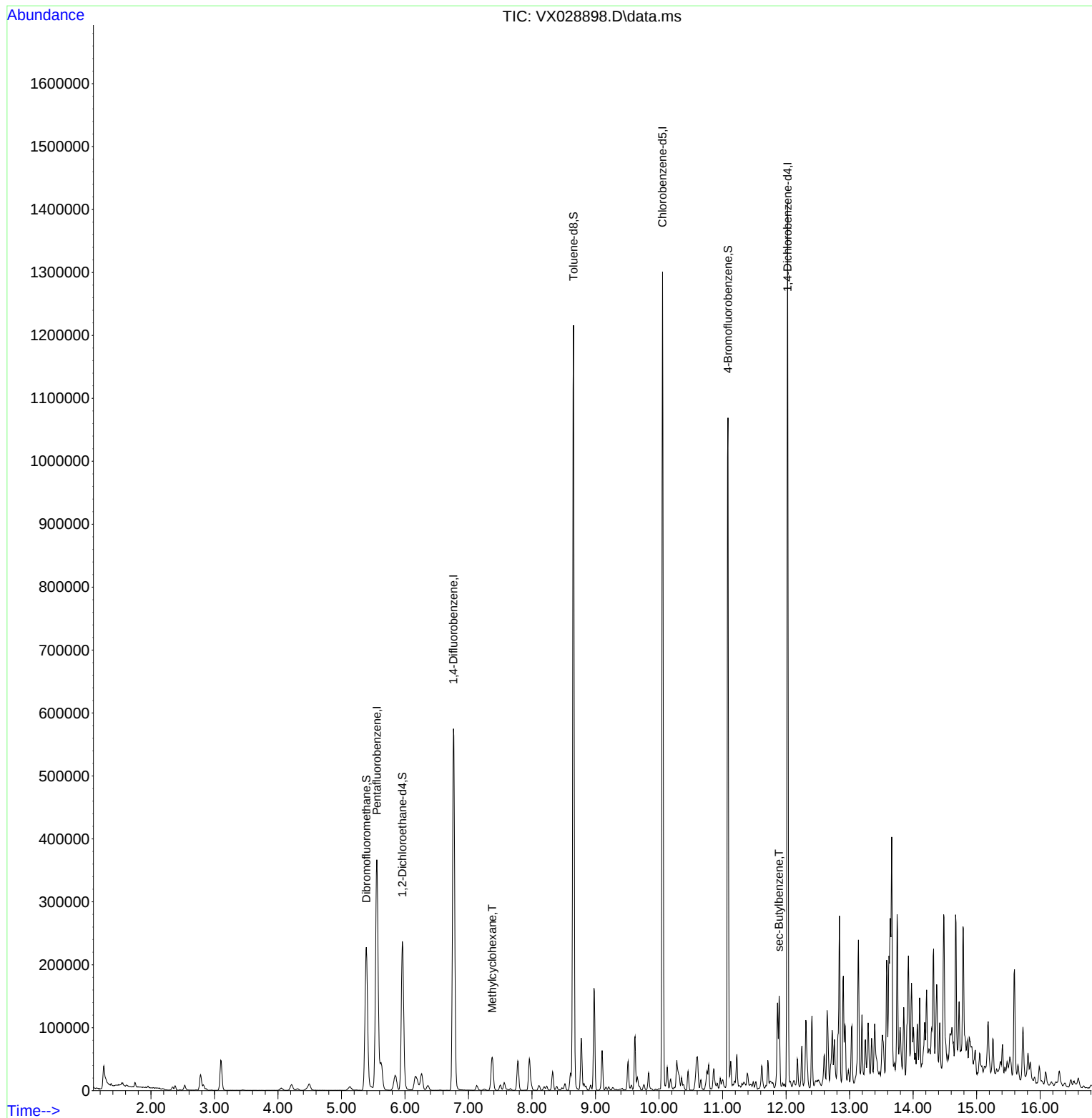
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 339635   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 599745   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 580192   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 282254   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 235159   | 50.511   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 101.020% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 199252   | 50.707   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 101.420% |
| 50) Toluene-d8              | 8.653  | 98    | 717343   | 48.421   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 96.840%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 291192   | 52.624   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 105.240% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 39) Methylcyclohexane       | 7.373  | 83    | 17587    | 2.598    | ug/l  | # 54     |
| 85) sec-Butylbenzene        | 11.890 | 105   | 76375    | 3.586    | ug/l  | 97       |
| -----                       |        |       |          |          |       |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052322\  
Data File : VX028898.D  
Acq On : 23 May 2022 16:45  
Operator : JC/MD  
Sample : N2884-01  
Misc : 1.12g/10.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31490

Quant Time: May 23 17:12:26 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

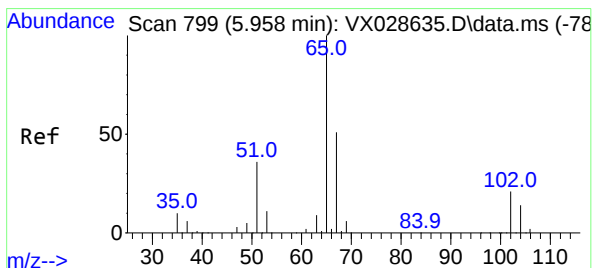
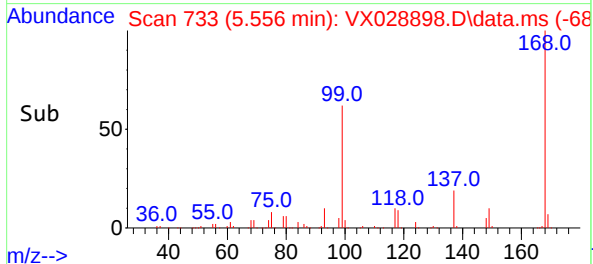
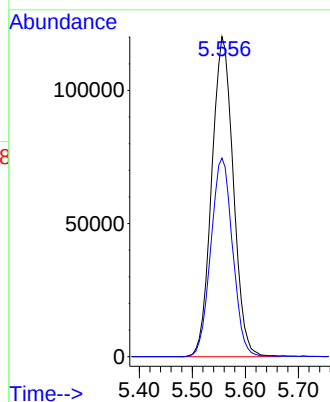
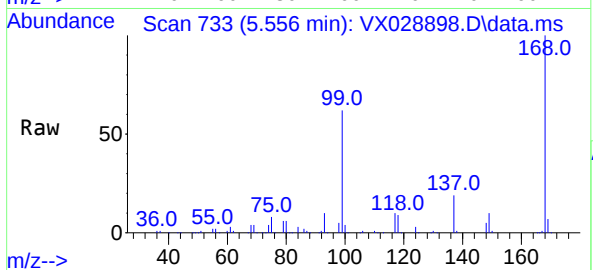




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

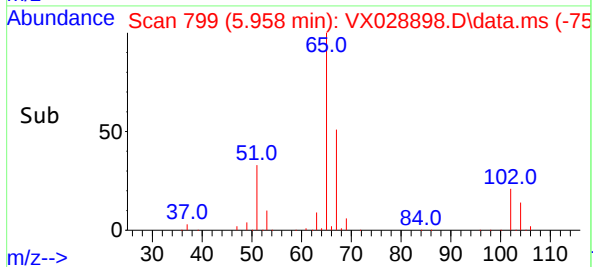
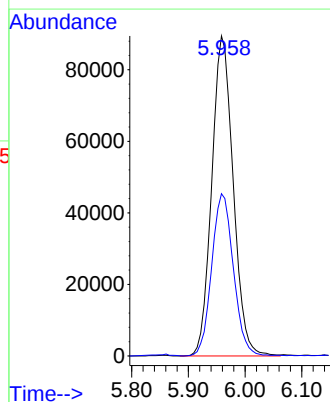
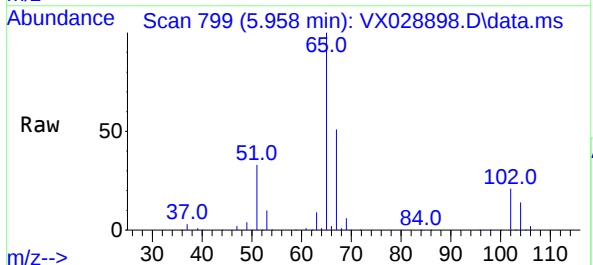
Instrument :  
MSVOA\_X  
ClientSampleId :  
31490

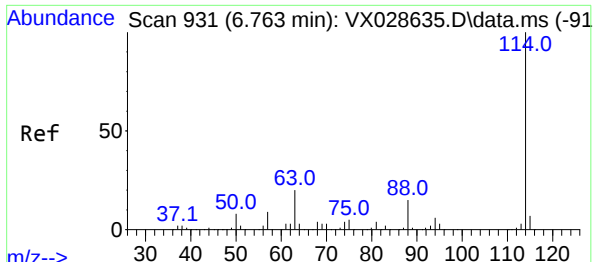
Tgt Ion:168 Resp: 339635  
Ion Ratio Lower Upper  
168 100  
99 62.1 41.7 62.5



#33  
1,2-Dichloroethane-d4  
Concen: 50.511 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

Tgt Ion: 65 Resp: 235159  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 107.4

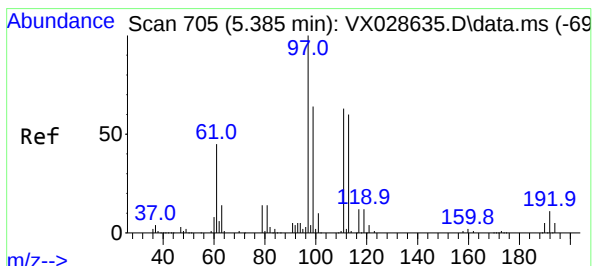
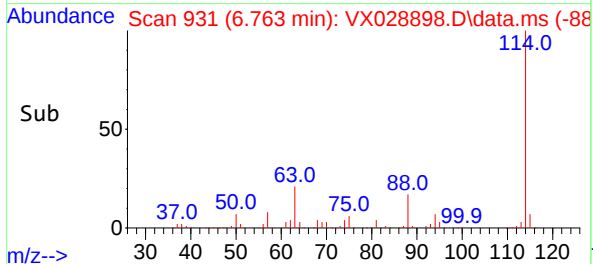
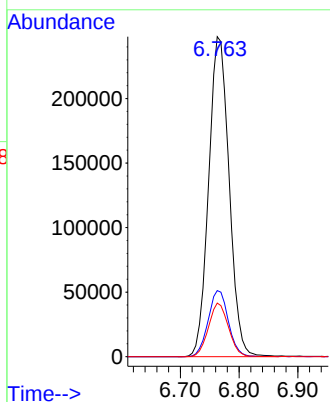
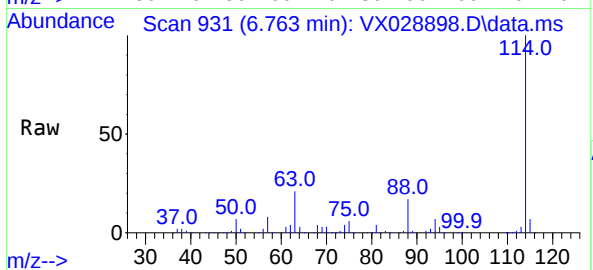




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

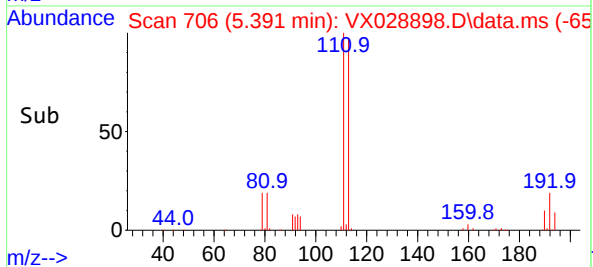
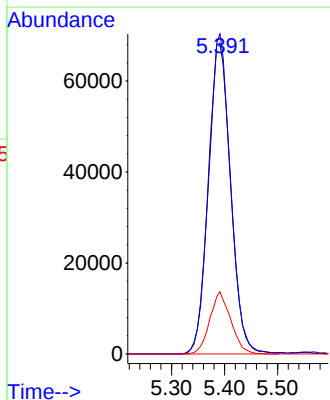
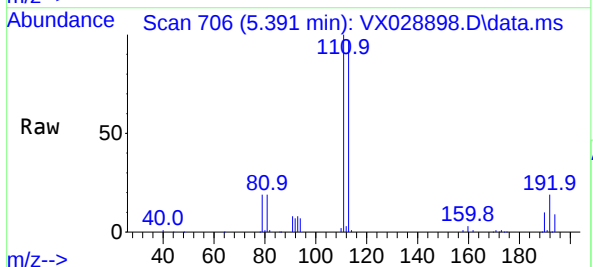
Instrument :  
MSVOA\_X  
ClientSampleId :  
31490

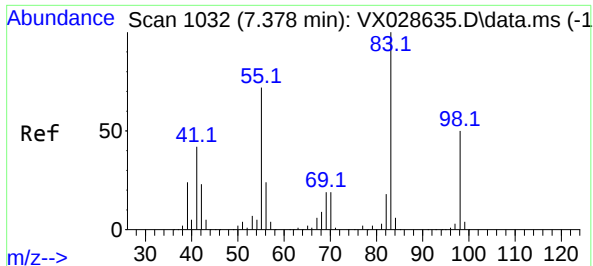
Tgt Ion:114 Resp: 599745  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 36.8  
88 16.8 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.707 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

Tgt Ion:113 Resp: 199252  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.8 124.2  
192 18.9 16.9 25.3





#39

Methylcyclohexane

Concen: 2.598 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.005 min

Lab File: VX028898.D

Acq: 23 May 2022 16:45

Instrument :

MSVOA\_X

ClientSampleId :

31490

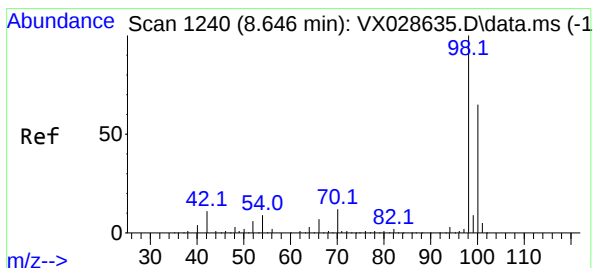
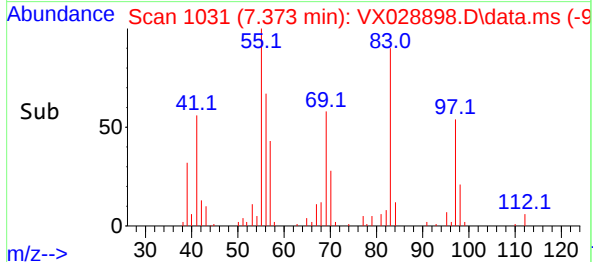
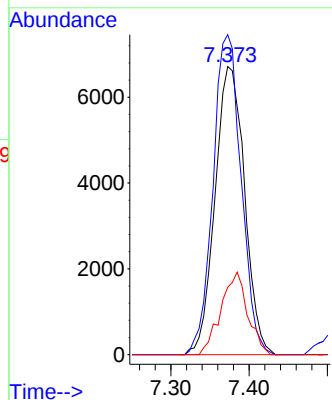
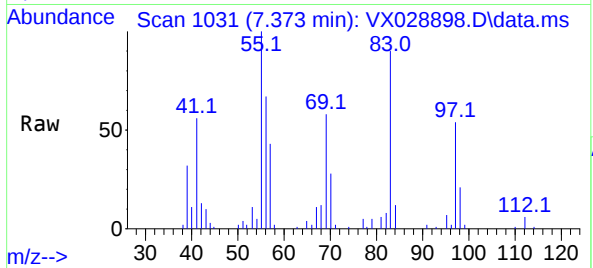
Tgt Ion: 83 Resp: 17587

Ion Ratio Lower Upper

83 100

55 111.1 54.6 81.8#

98 23.4 37.4 56.2#



#50

Toluene-d8

Concen: 48.421 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028898.D

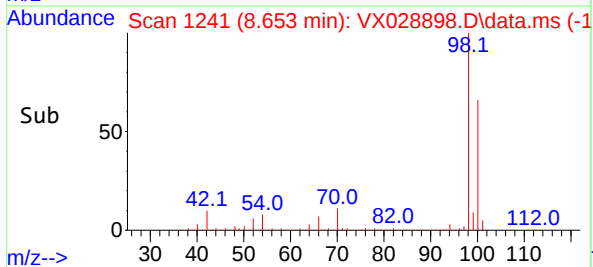
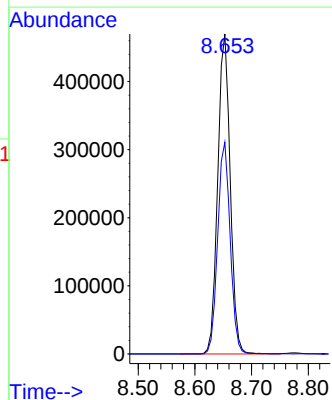
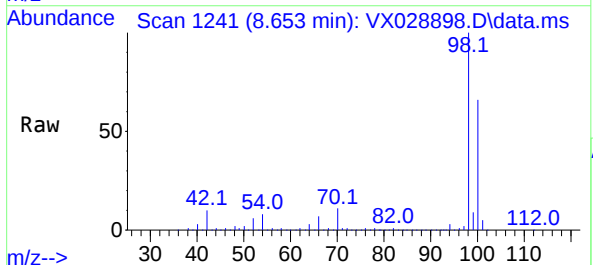
Acq: 23 May 2022 16:45

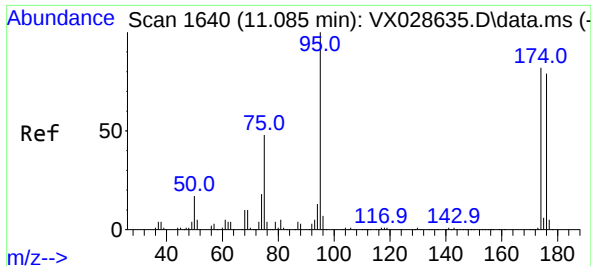
Tgt Ion: 98 Resp: 717343

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8

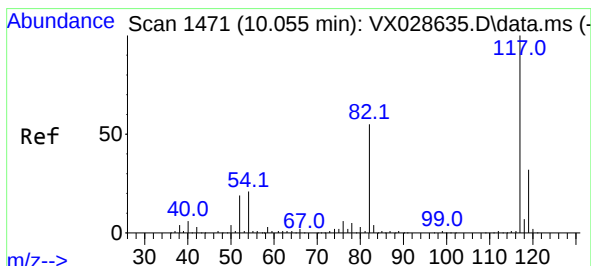
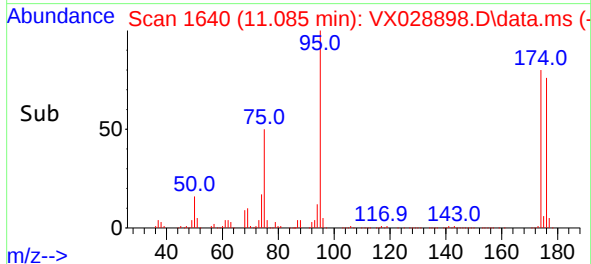
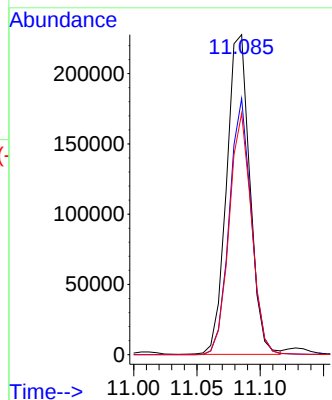
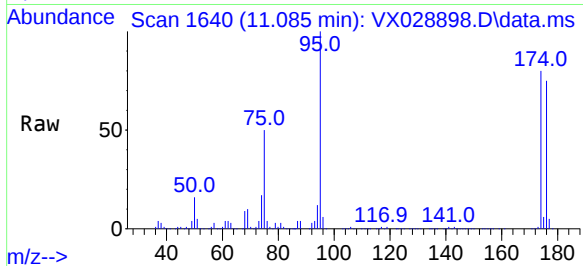




#62  
4-Bromofluorobenzene  
Concen: 52.624 ug/l  
RT: 11.085 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

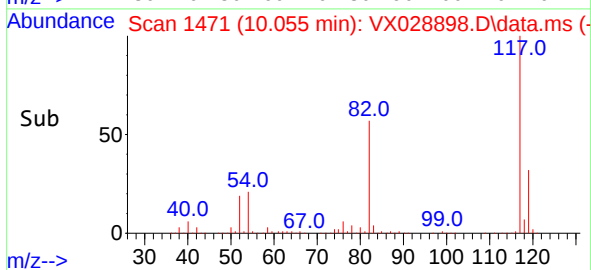
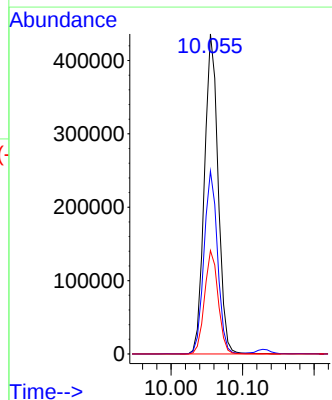
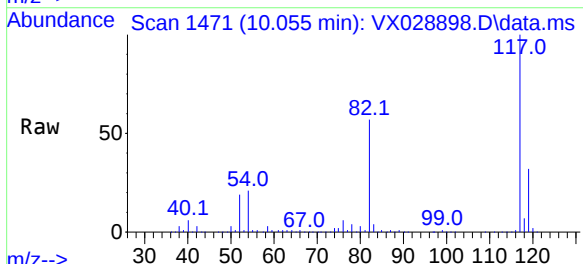
Instrument :  
MSVOA\_X  
ClientSampleId :  
31490

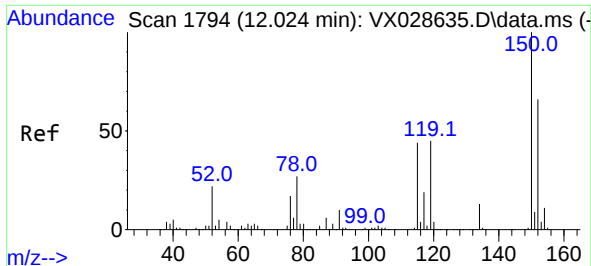
Tgt Ion: 95 Resp: 291192  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 163.0  
176 72.6 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

Tgt Ion: 117 Resp: 580192  
Ion Ratio Lower Upper  
117 100  
82 57.1 41.8 62.8  
119 32.3 24.8 37.2

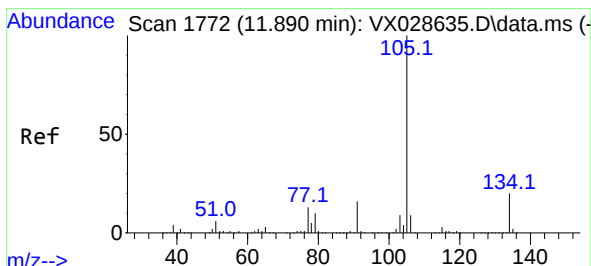
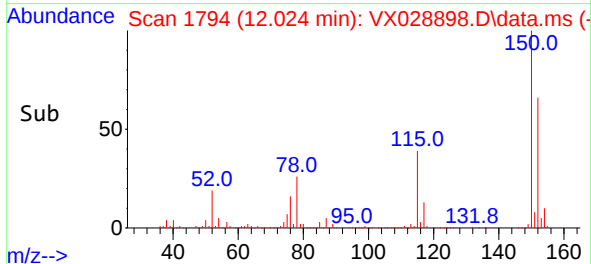
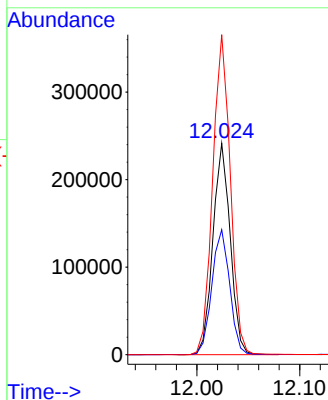
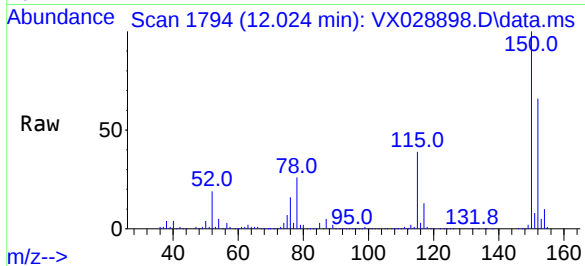




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
31490

Tgt Ion:152 Resp: 282254  
Ion Ratio Lower Upper  
152 100  
115 61.2 37.5 112.7  
150 153.8 0.0 338.2



#85  
sec-Butylbenzene  
Concen: 3.586 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX028898.D  
Acq: 23 May 2022 16:45

Tgt Ion:105 Resp: 76375  
Ion Ratio Lower Upper  
105 100  
134 19.0 10.2 30.4

