

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078498.D
 Acq On : 21 Feb 2024 14:51
 Operator : RP/MD
 Sample : P1538-03
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241098-COMPOSITE-35N-N-4-03

Quant Time: Feb 22 00:04:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	115091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	227835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48120	38.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.340%
35) Dibromofluoromethane	7.810	113	66856	46.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.269	98	291906	50.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.575	95	101729	60.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.760%

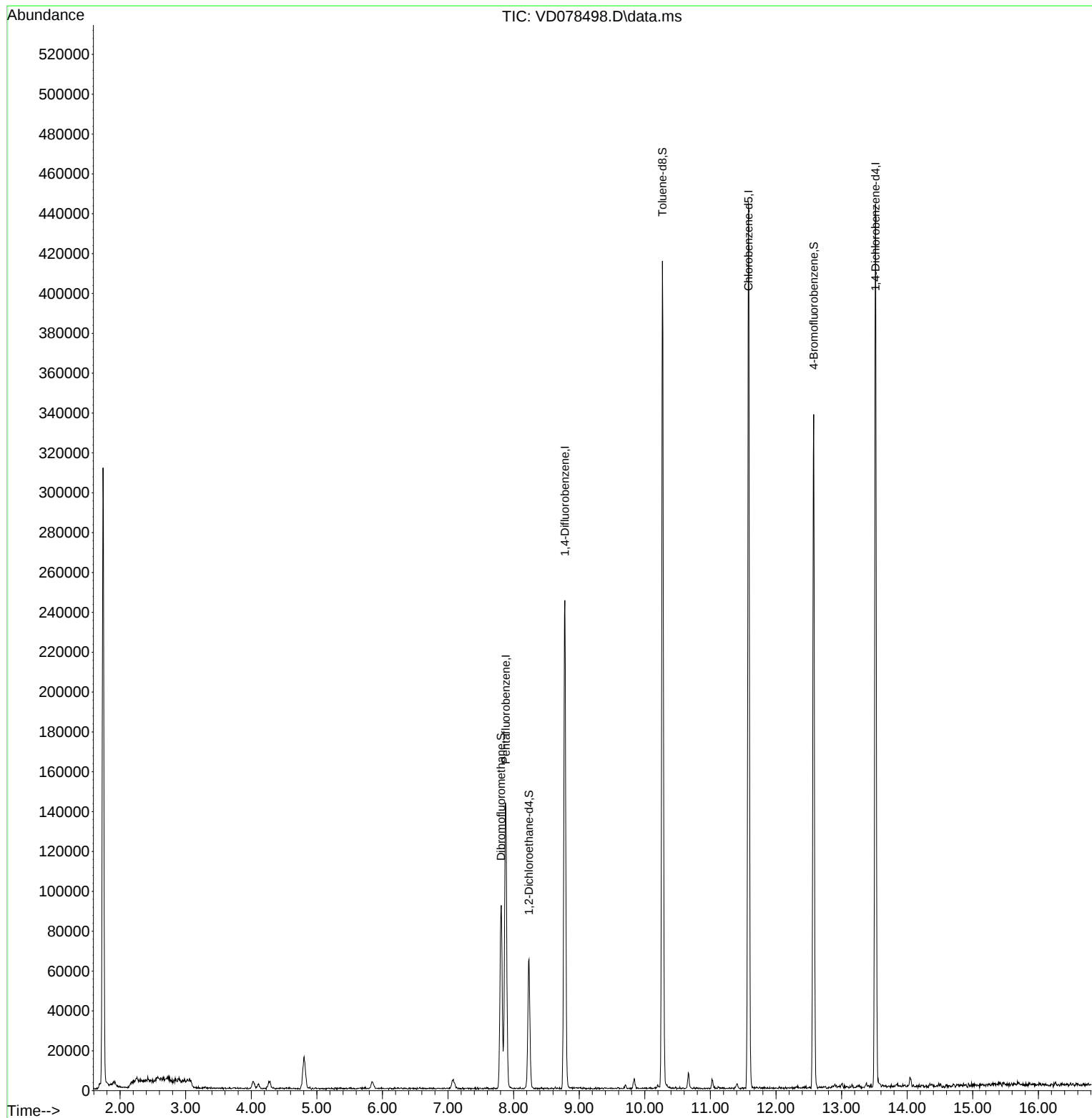
Target Compounds	Qvalue

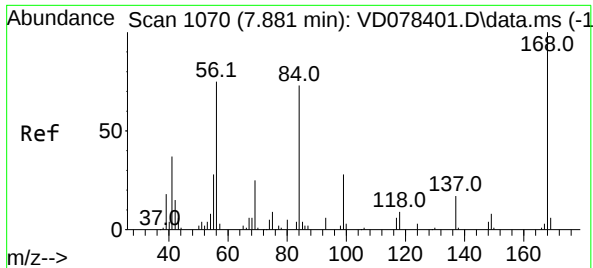
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
Data File : VD078498.D
Acq On : 21 Feb 2024 14:51
Operator : RP/MD
Sample : P1538-03
Misc : 5.06G/5ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

Quant Time: Feb 22 00:04:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

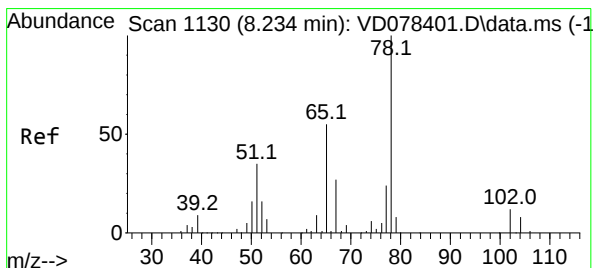
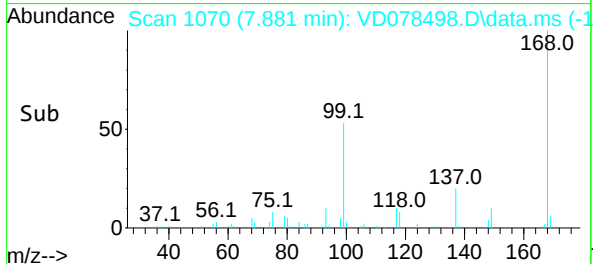
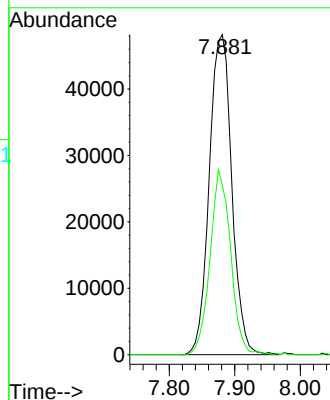
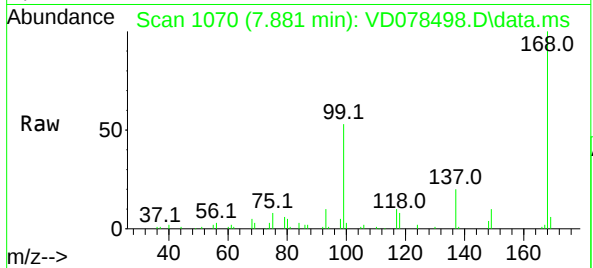




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

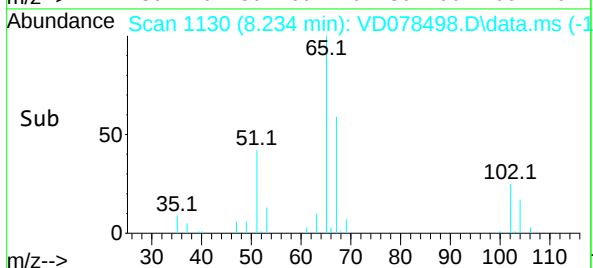
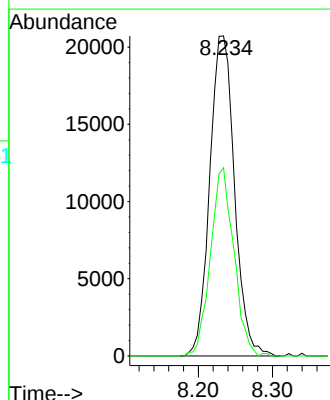
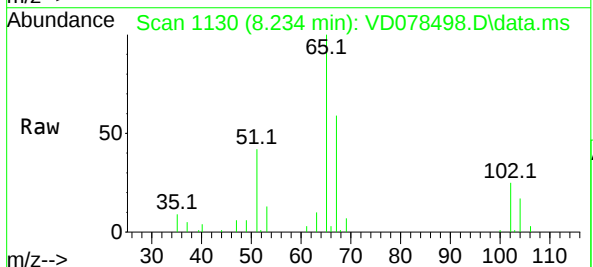
Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

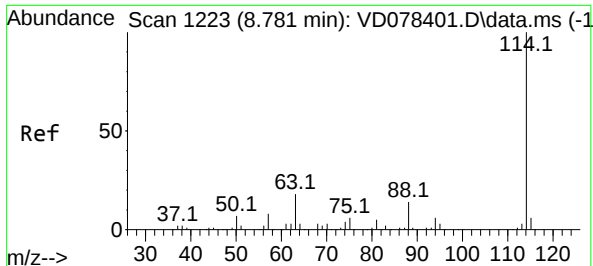
Tgt Ion:168 Resp: 115091
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 38.669 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 65 Resp: 48120
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0

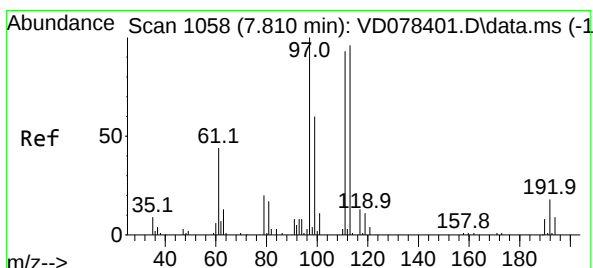
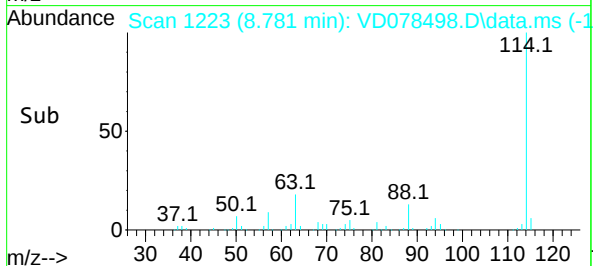
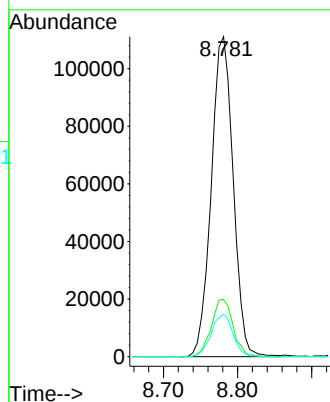
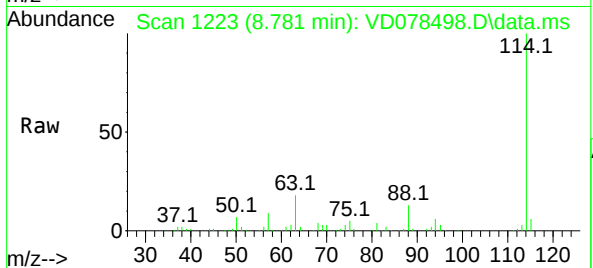




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

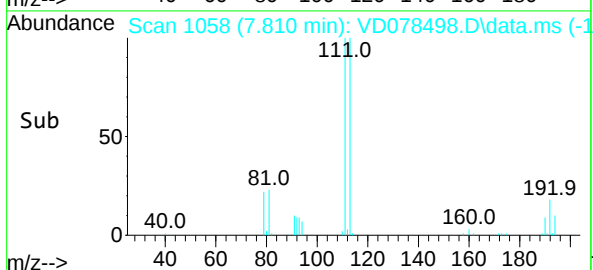
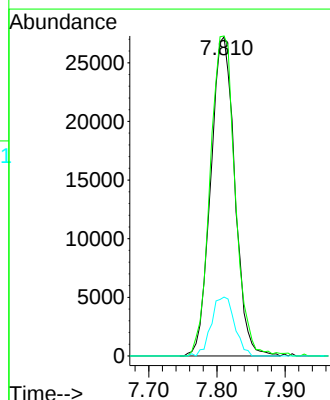
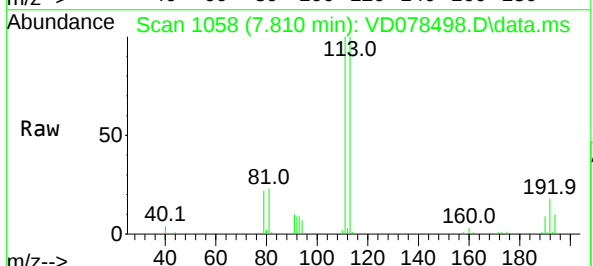
Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

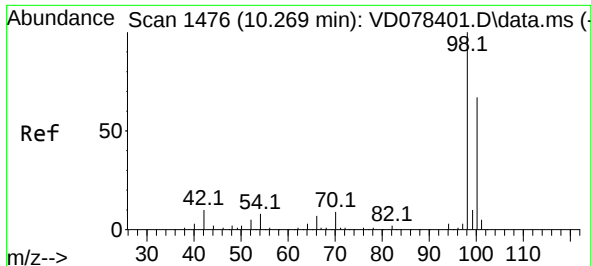
Tgt Ion:114 Resp: 227835
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.4
88 13.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 46.195 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion:113 Resp: 66856
Ion Ratio Lower Upper
113 100
111 104.3 84.7 127.1
192 17.8 16.8 25.2

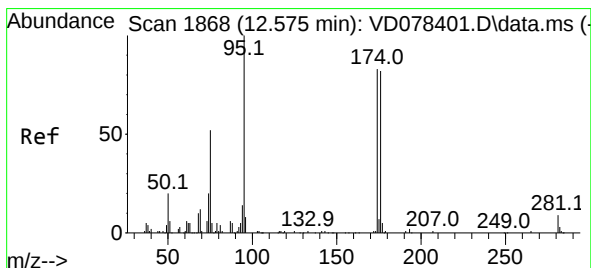
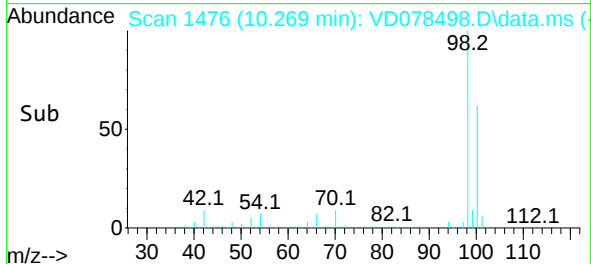
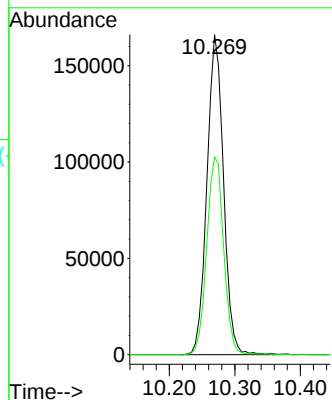
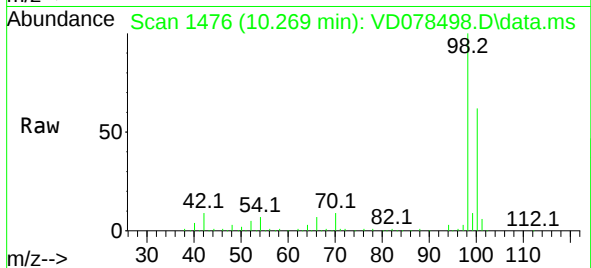




#50
Toluene-d8
Concen: 50.421 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

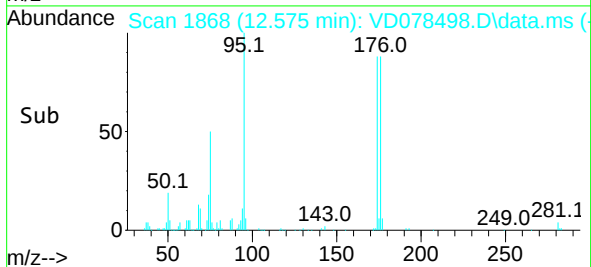
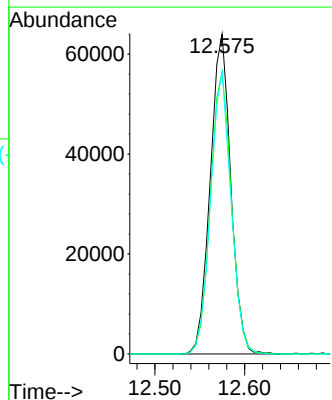
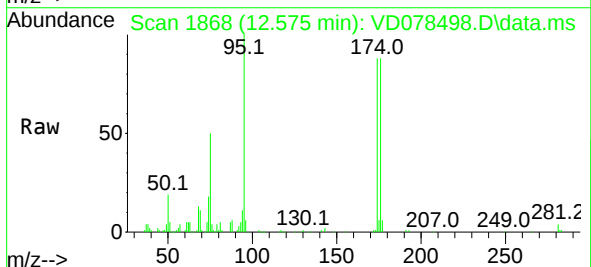
Instrument : MSVOA_D
ClientSampleId : 20241098-COMPOSITE-35N-N-4-03

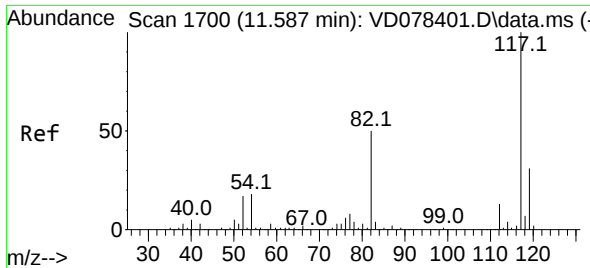
Tgt Ion: 98 Resp: 291906
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion: 95 Resp: 101729
Ion Ratio Lower Upper
95 100
174 90.1 0.0 201.8
176 87.5 0.0 191.8

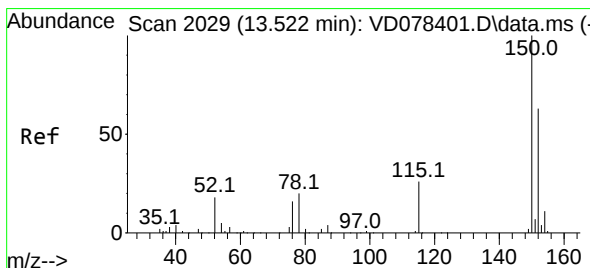
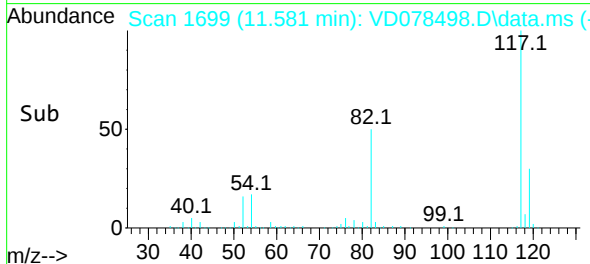
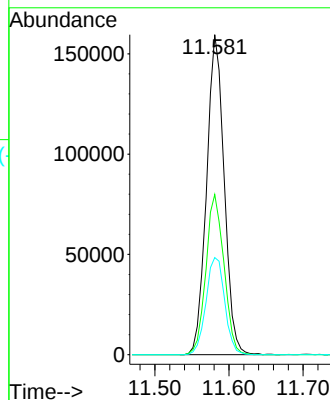
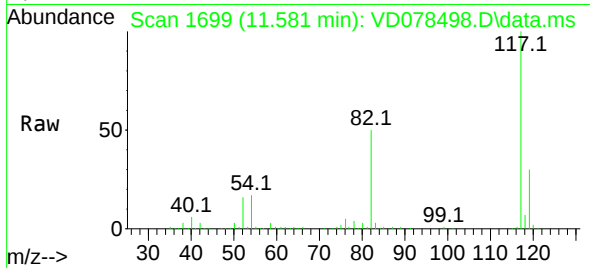




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Instrument :
MSVOA_D
ClientSampleId :
20241098-COMPOSITE-35N-N-4-03

Tgt Ion:117 Resp: 263453
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 30.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078498.D
Acq: 21 Feb 2024 14:51

Tgt Ion:152 Resp: 117466
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 158.5 0.0 353.6

