

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080238.D
 Acq On : 04 Feb 2025 15:53
 Operator : RP/MD
 Sample : Q1236-02
 Misc : 5.03G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Feb 05 00:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	7896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	14310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13671	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7351	71.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.140%	
35) Dibromofluoromethane	7.799	113	6183	60.965	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.920%	
50) Toluene-d8	10.269	98	14890	39.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.180%	
62) 4-Bromofluorobenzene	12.569	95	4762	39.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.920%	

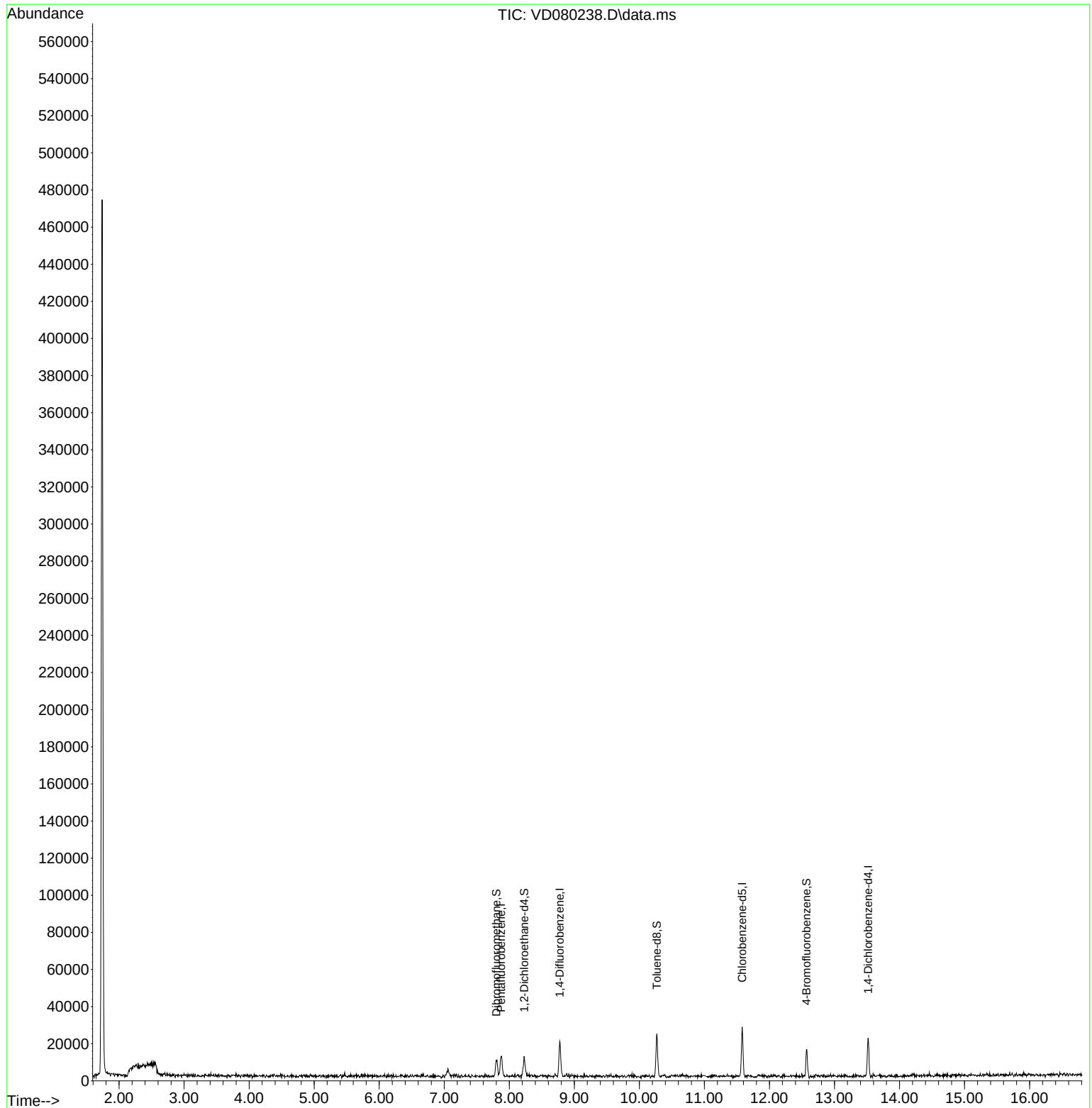
Target Compounds	Qvalue

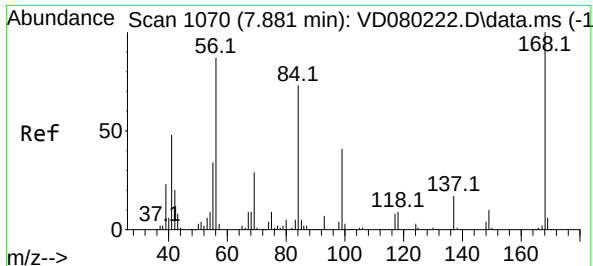
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
Data File : VD080238.D
Acq On : 04 Feb 2025 15:53
Operator : RP/MD
Sample : Q1236-02
Misc : 5.03G/5ml/MSVOA_D/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VOC

Quant Time: Feb 05 00:42:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

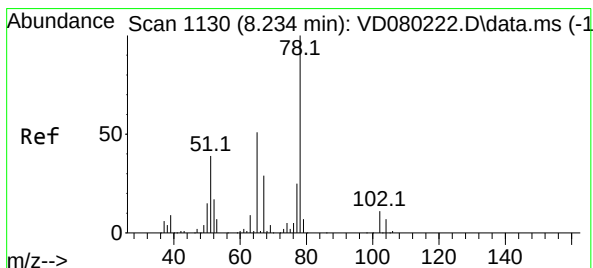
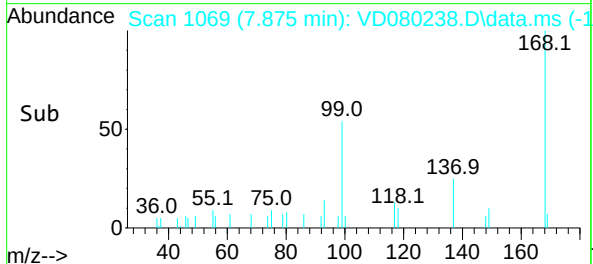
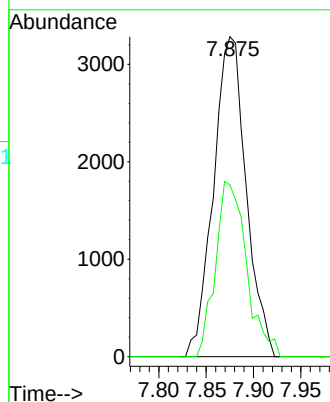
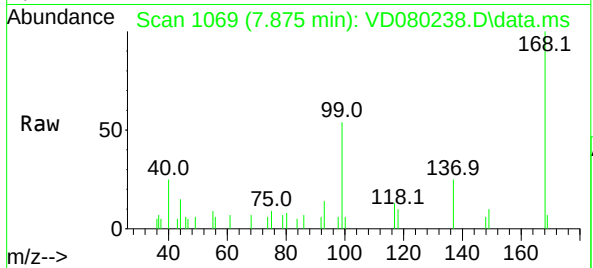




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

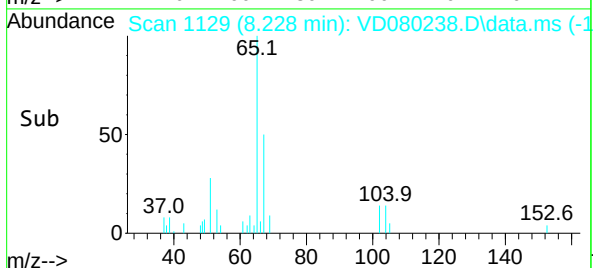
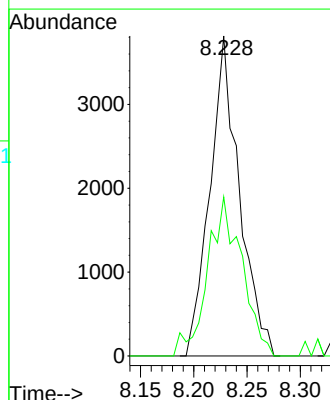
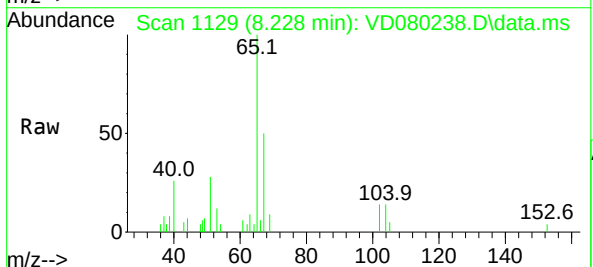
Instrument :
MSVOA_D
ClientSampleId :
VOC

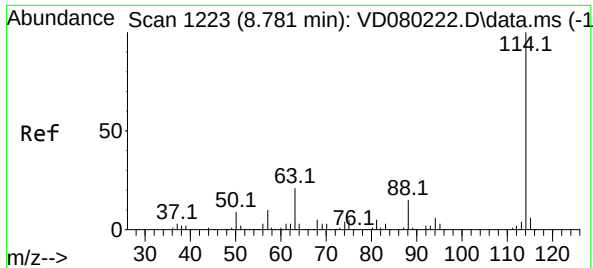
Tgt Ion:168 Resp: 7896
Ion Ratio Lower Upper
168 100
99 53.7 44.4 66.6



#33
1,2-Dichloroethane-d4
Concen: 71.570 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

Tgt Ion: 65 Resp: 7351
Ion Ratio Lower Upper
65 100
67 57.8 0.0 107.6

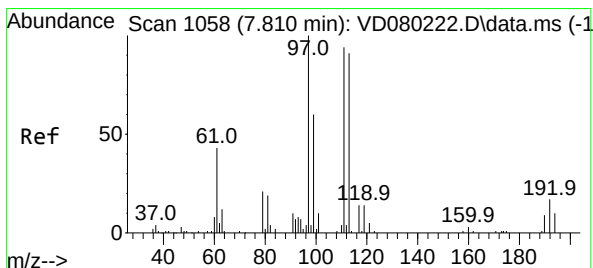
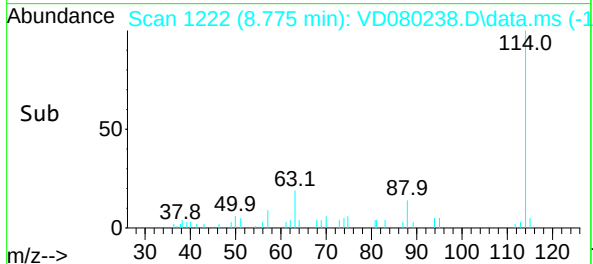
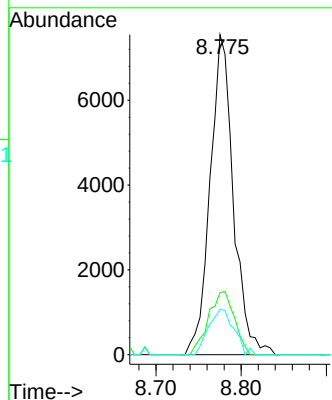
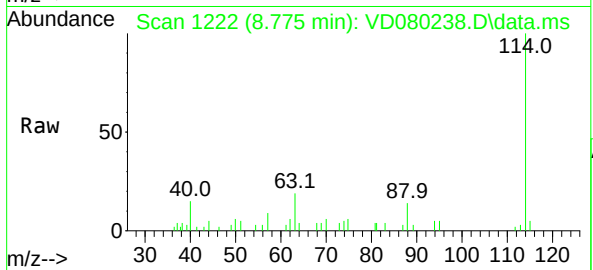




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

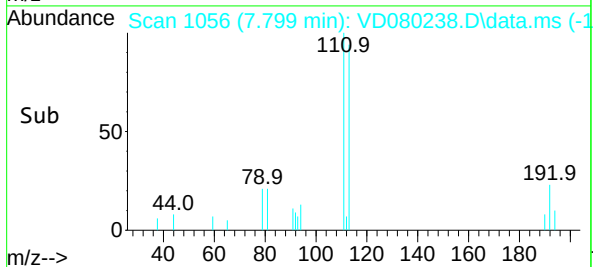
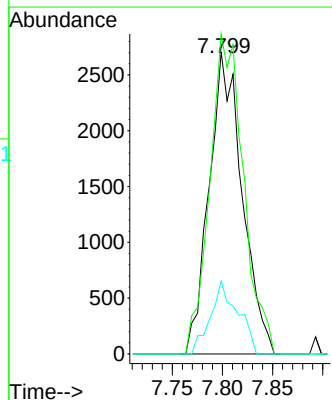
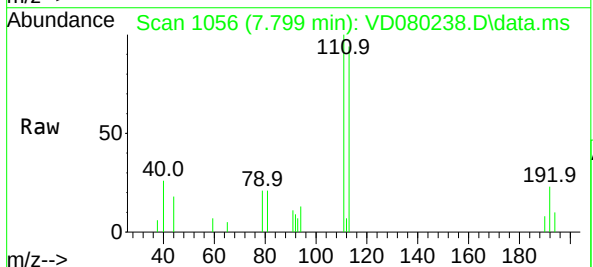
Instrument :
MSVOA_D
ClientSampleId :
VOC

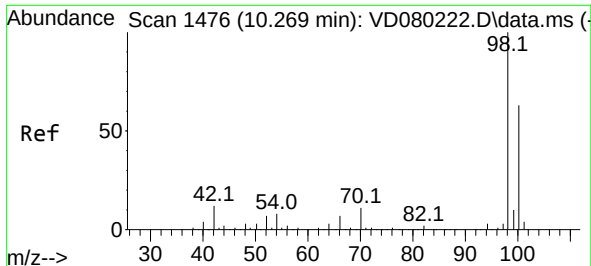
Tgt Ion:114 Resp: 14310
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.8
88 14.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 60.965 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

Tgt Ion:113 Resp: 6183
Ion Ratio Lower Upper
113 100
111 108.0 85.0 127.4
192 20.0 15.5 23.3

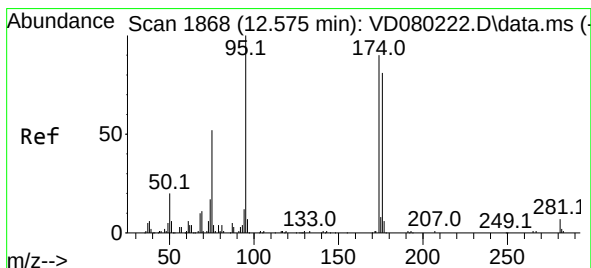
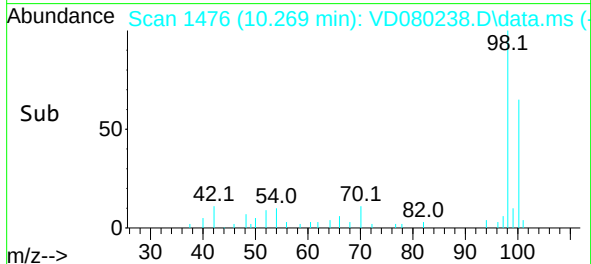
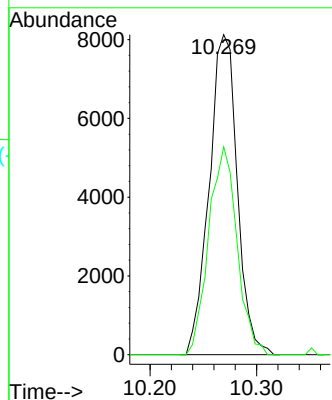
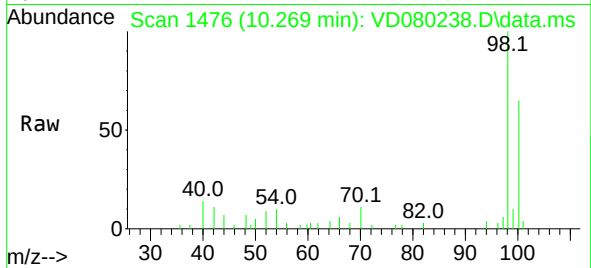




#50
Toluene-d8
Concen: 39.590 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

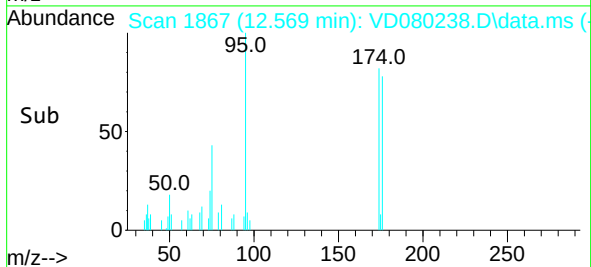
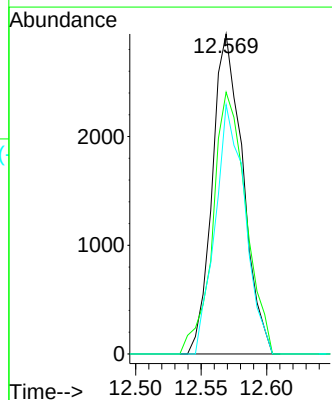
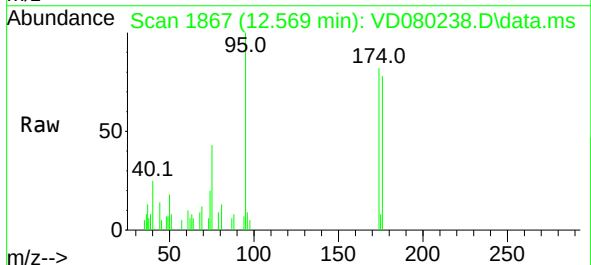
Instrument :
MSVOA_D
ClientSampleId :
VOC

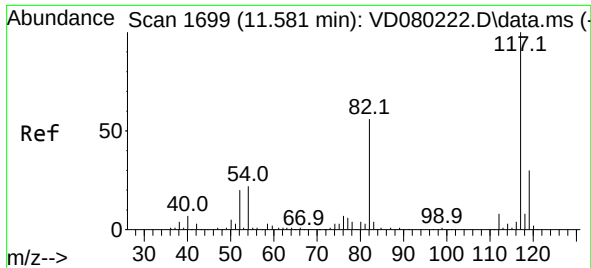
Tgt Ion: 98 Resp: 14890
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 39.460 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

Tgt Ion: 95 Resp: 4762
Ion Ratio Lower Upper
95 100
174 88.7 0.0 171.8
176 76.3 0.0 159.6

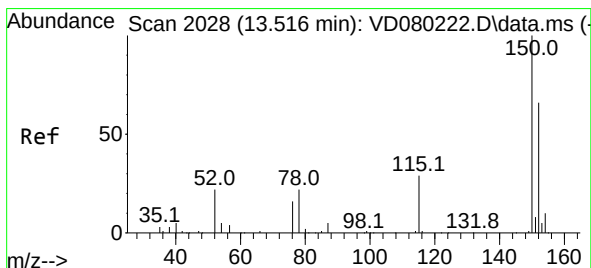
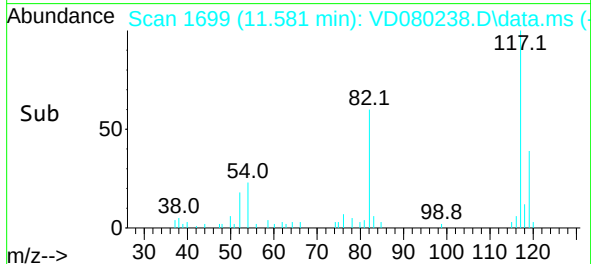
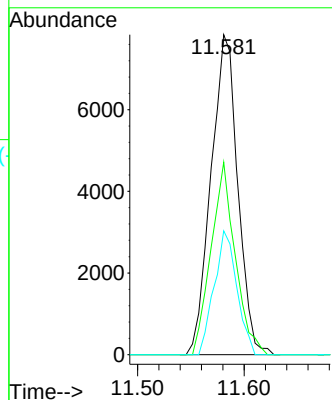
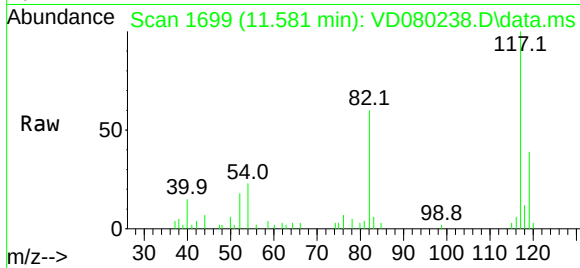




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 13671
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.6
119 38.7 24.3 36.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080238.D
Acq: 04 Feb 2025 15:53

Tgt Ion:152 Resp: 5396
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.1
150 158.8 0.0 350.4

