

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079502.D
 Acq On : 31 Jul 2024 18:00
 Operator : RP/MD
 Sample : P3379-17
 Misc : 5.83G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-04-072324

Quant Time: Aug 01 01:54:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	169824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97321	56.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.820%
35) Dibromofluoromethane	7.804	113	113600	53.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.800%
50) Toluene-d8	10.269	98	408609	49.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.569	95	102357	43.216	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.440%

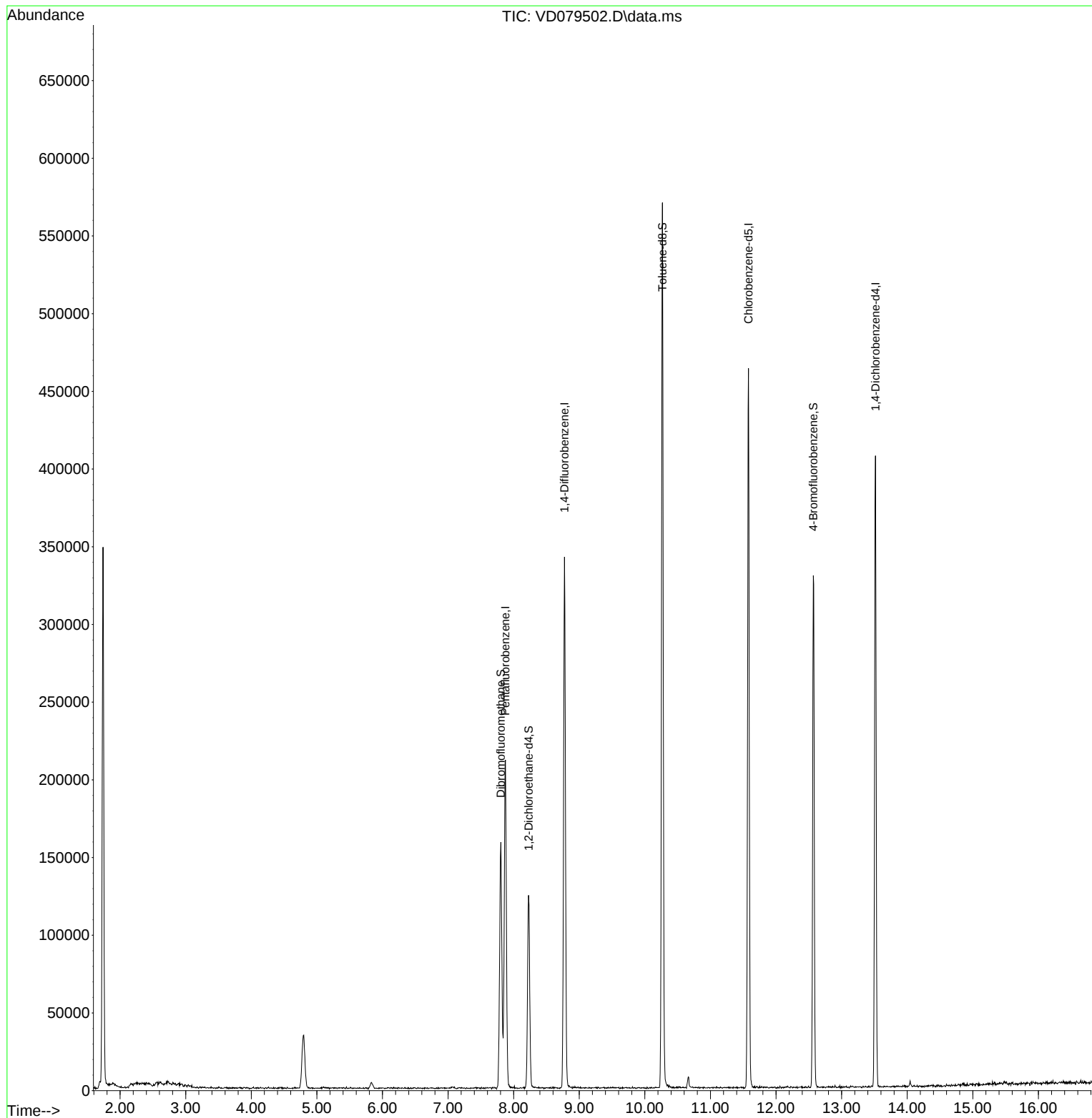
Target Compounds	Qvalue

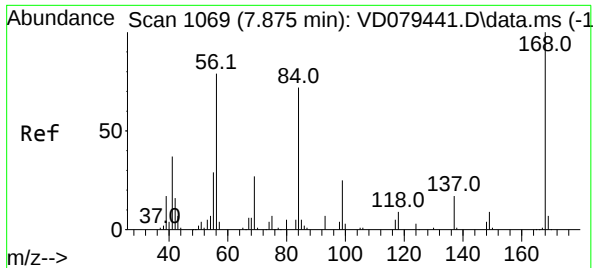
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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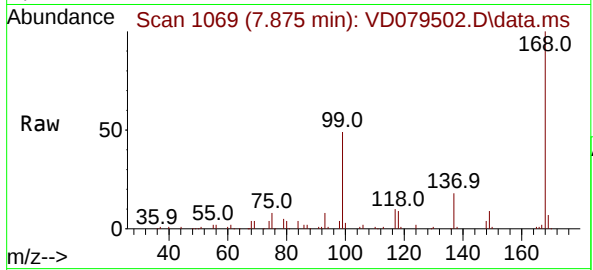
Quant Time: Aug 01 01:54:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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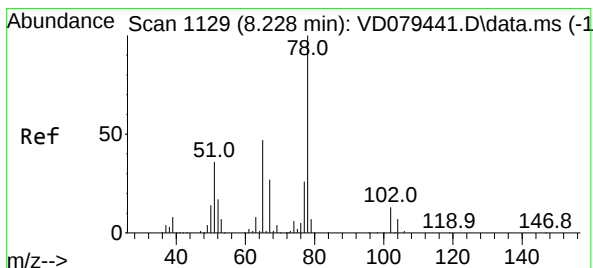
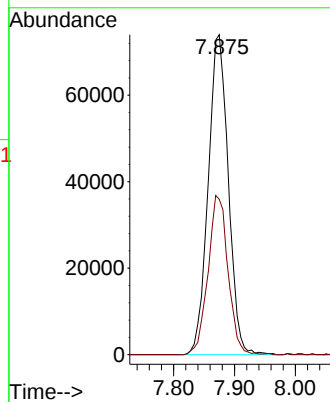
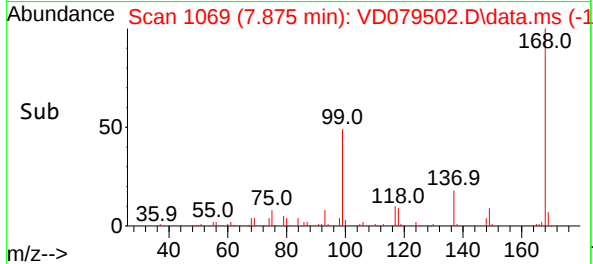


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-04-072324

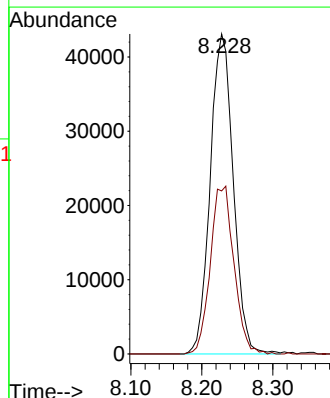
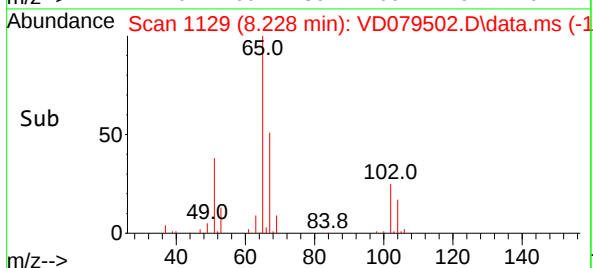
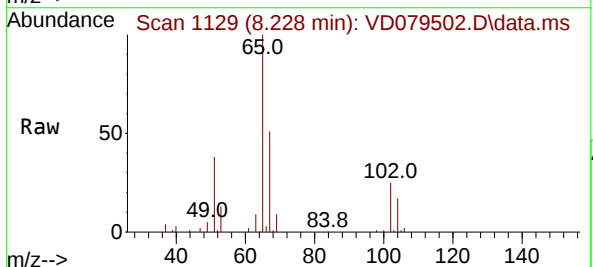


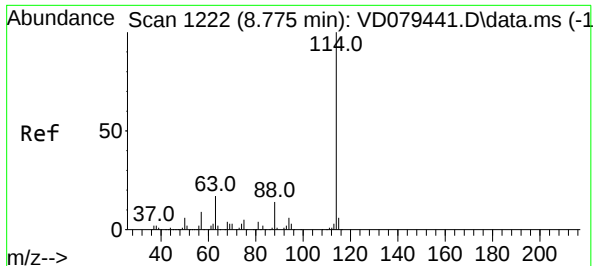
Tgt Ion:168 Resp: 169824
Ion Ratio Lower Upper
168 100
99 48.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 56.410 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

Tgt Ion: 65 Resp: 97321
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.0

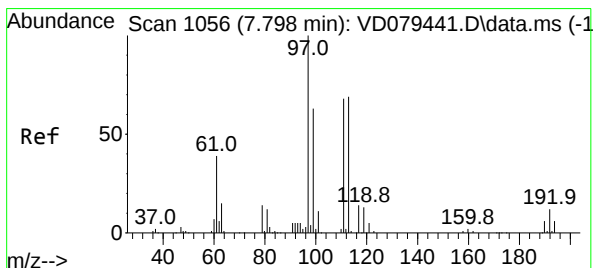
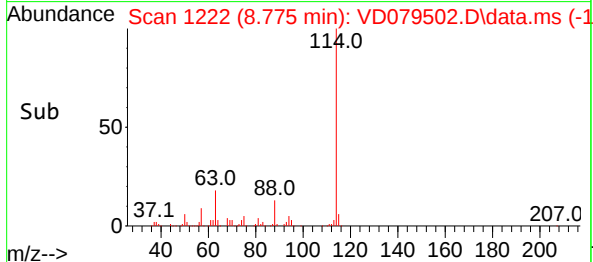
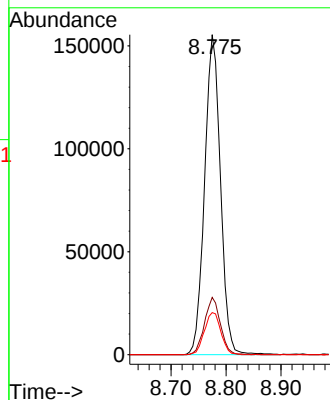
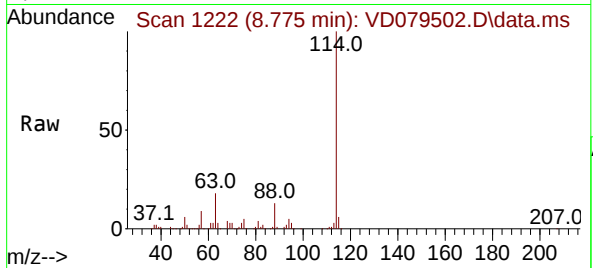




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

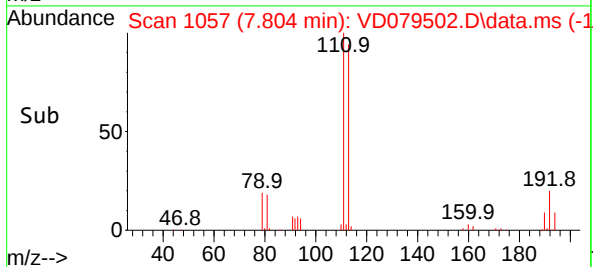
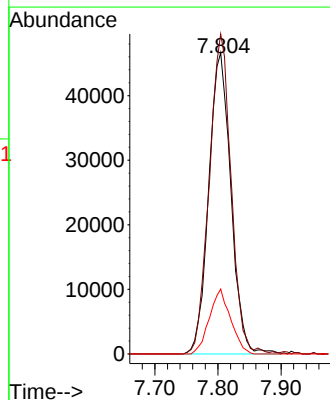
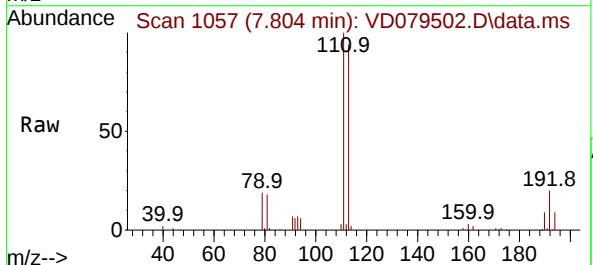
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-04-072324

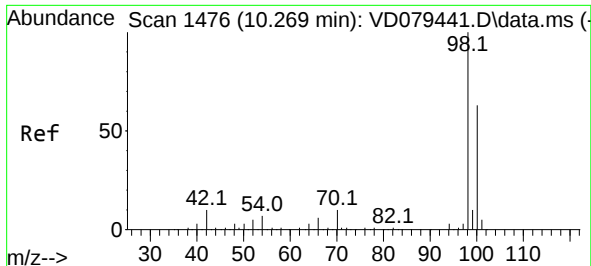
Tgt Ion:114 Resp: 311389
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.900 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

Tgt Ion:113 Resp: 113600
Ion Ratio Lower Upper
113 100
111 104.6 84.0 126.0
192 20.7 15.4 23.0

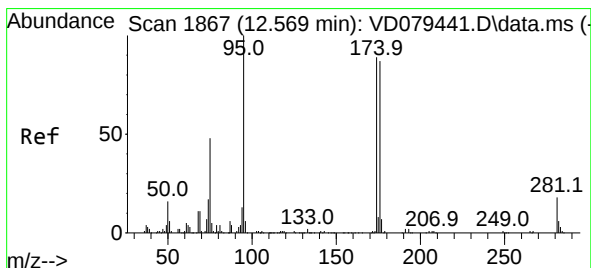
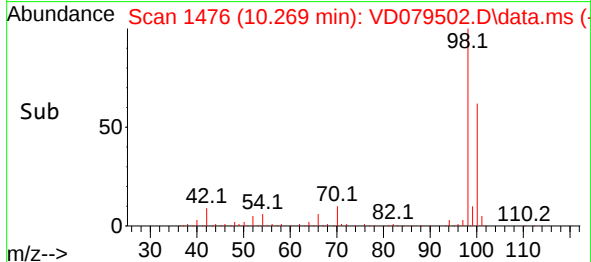
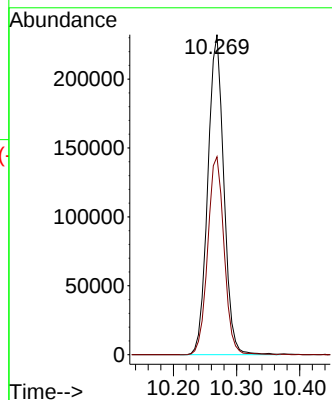
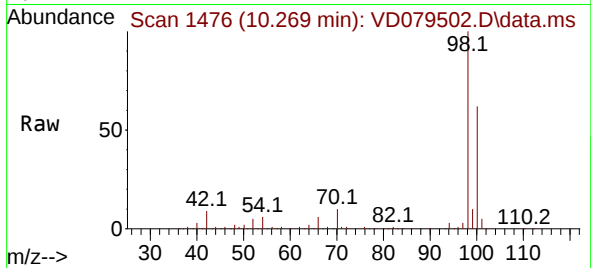




#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

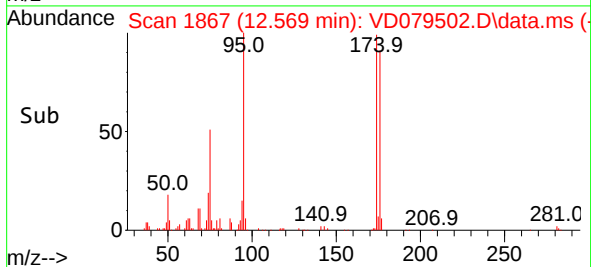
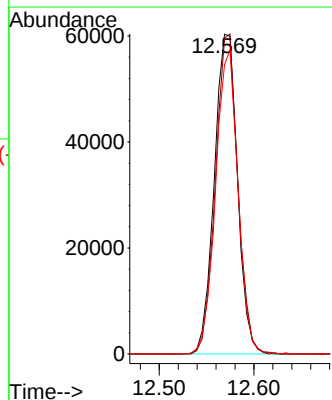
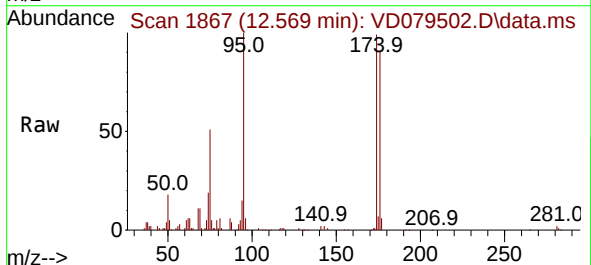
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-04-072324

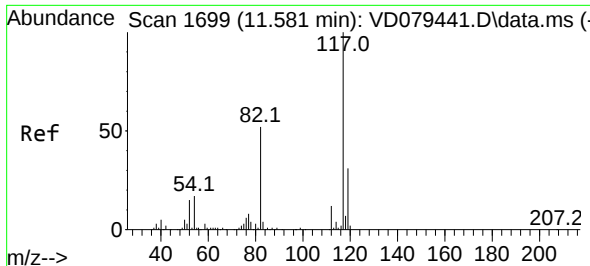
Tgt Ion: 98 Resp: 408609
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.216 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

Tgt Ion: 95 Resp: 102357
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.4
176 92.3 0.0 192.6

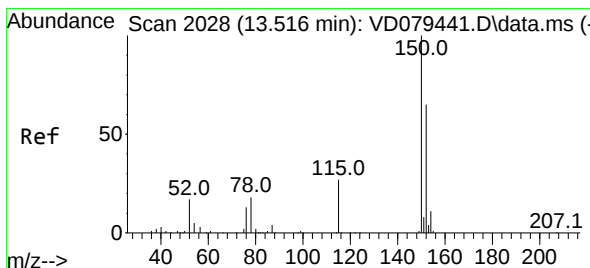
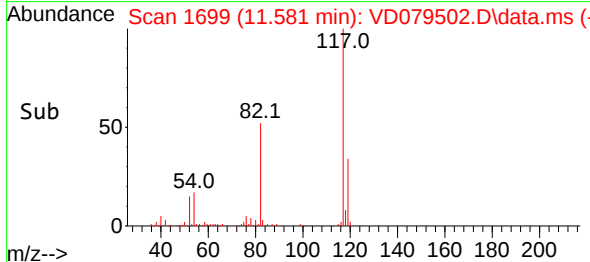
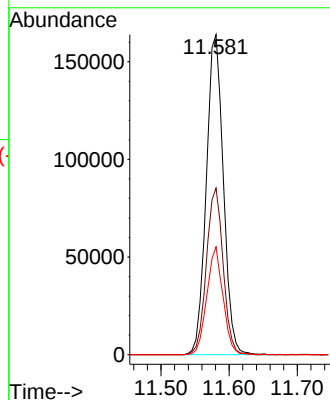
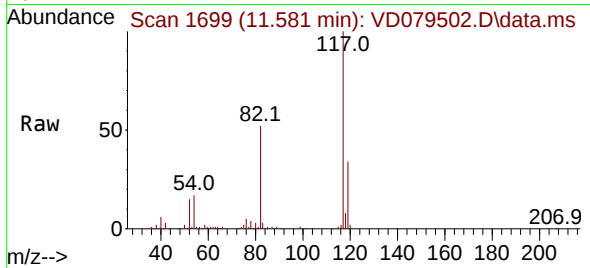




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-04-072324

Tgt Ion:117 Resp: 285426
Ion Ratio Lower Upper
117 100
82 52.0 39.8 59.6
119 33.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079502.D
Acq: 31 Jul 2024 18:00

Tgt Ion:152 Resp: 117751
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 161.0 0.0 341.6

