

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079583.D
 Acq On : 05 Aug 2024 16:22
 Operator : RP/MD
 Sample : P3463-03RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-082024RE

Quant Time: Aug 05 16:26:27 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	200992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	388536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	363269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99590	48.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.804	113	8661	3.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	6.580%#
50) Toluene-d8	10.269	98	368928	36.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.260%
62) 4-Bromofluorobenzene	12.569	95	102533	34.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.380%

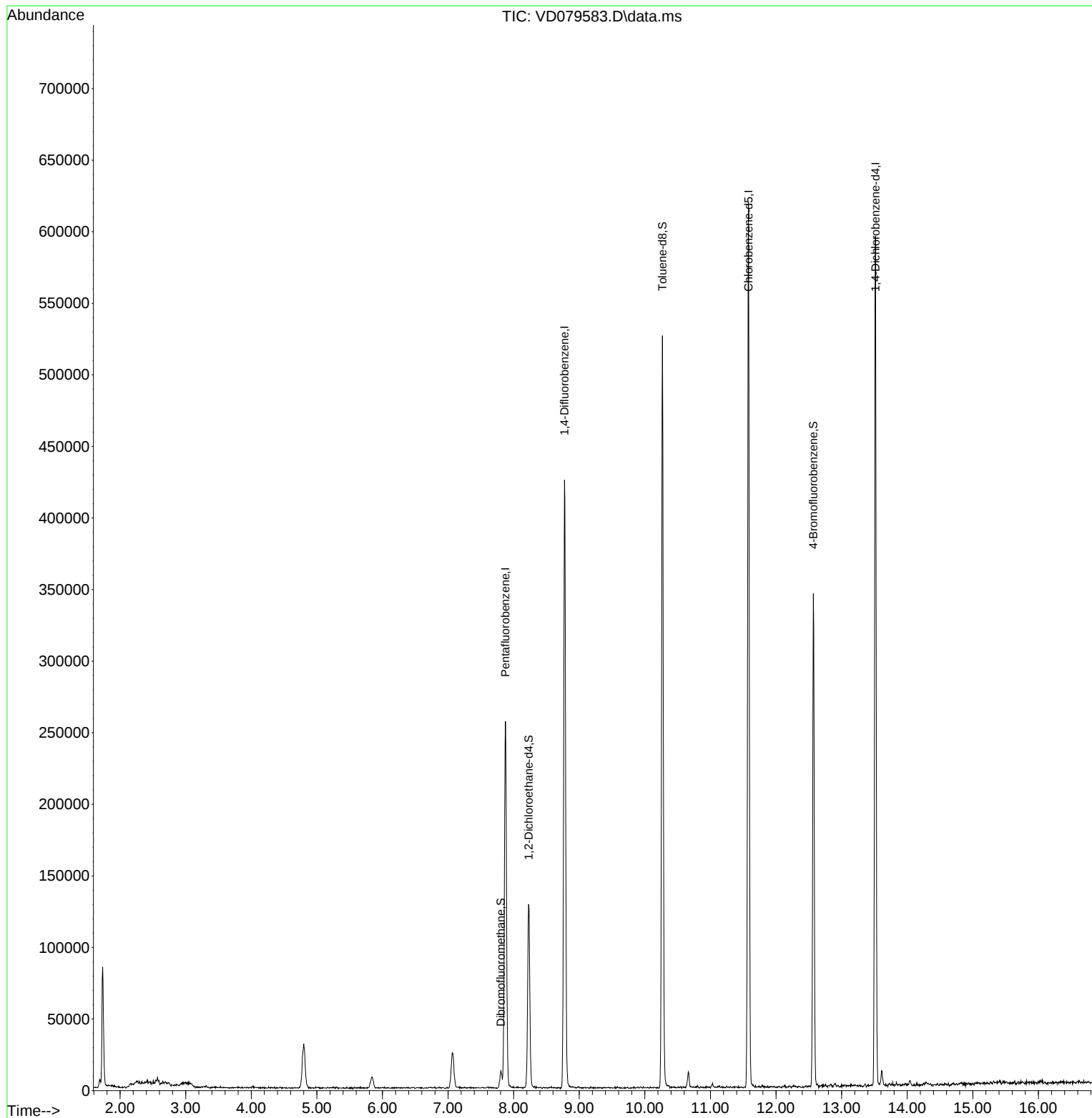
Target Compounds	Qvalue

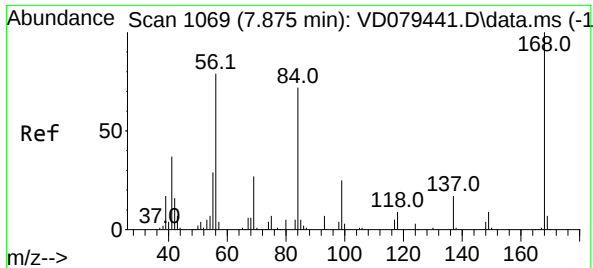
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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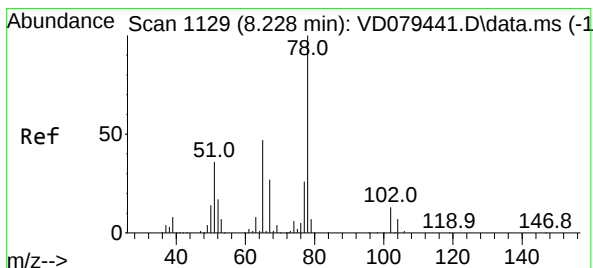
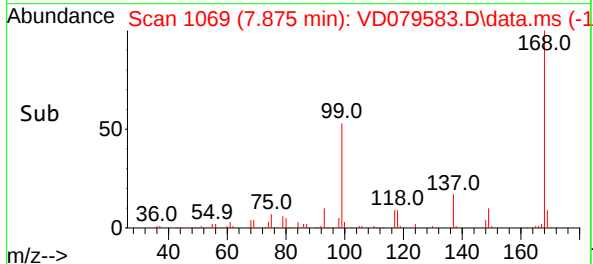
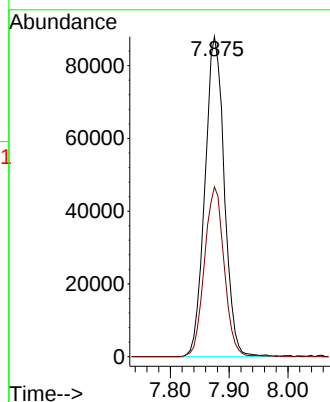
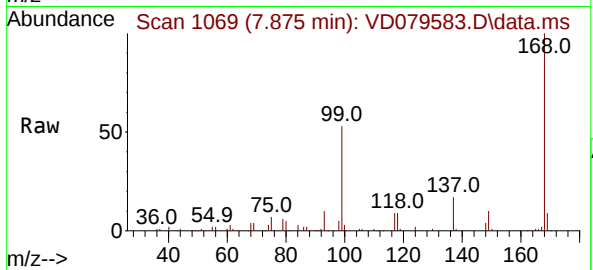




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

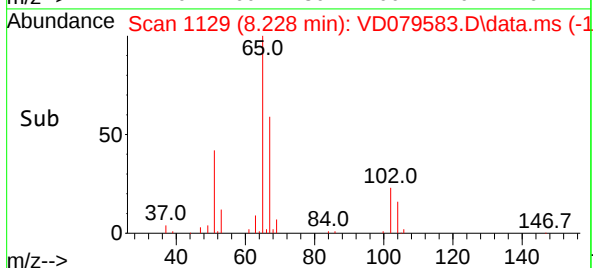
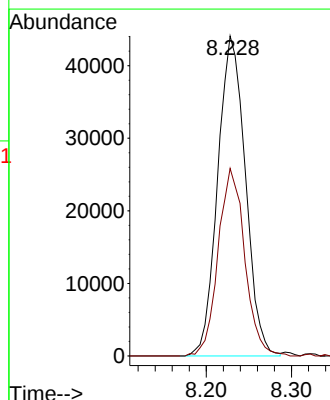
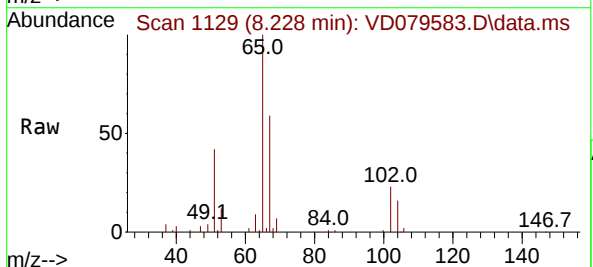
Instrument :
MSVOA_D
ClientSampleId :
TR-05-082024RE

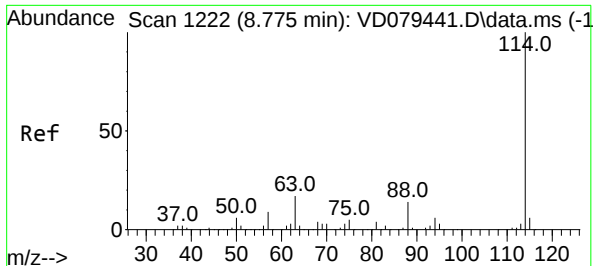
Tgt Ion:168 Resp: 200992
Ion Ratio Lower Upper
168 100
99 53.1 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 48.773 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

Tgt Ion: 65 Resp: 99590
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0

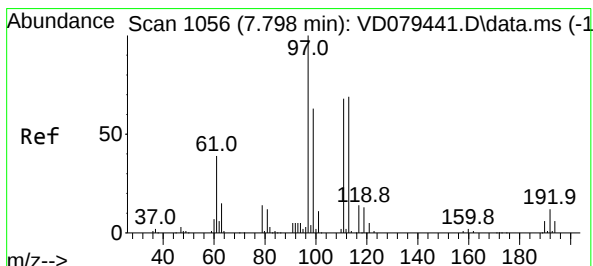
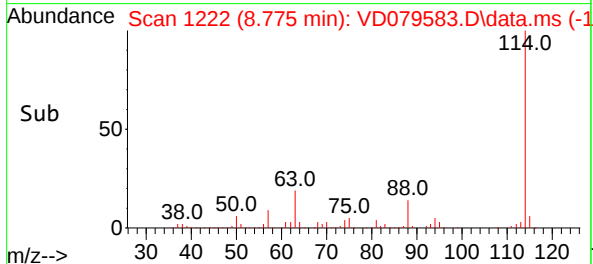
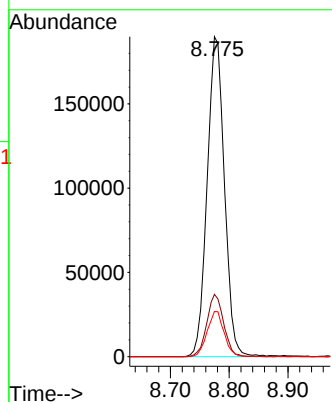
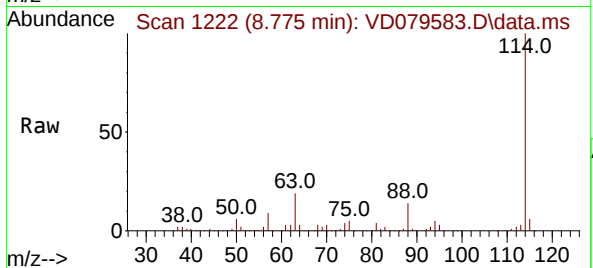




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

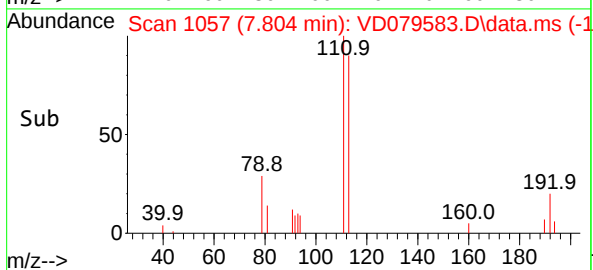
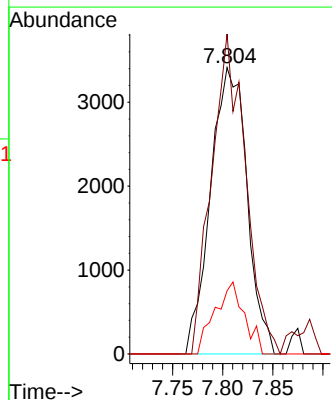
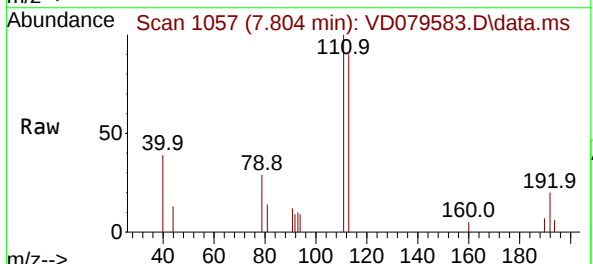
Instrument :
MSVOA_D
ClientSampleId :
TR-05-082024RE

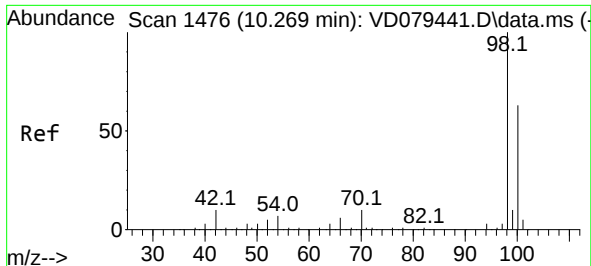
Tgt Ion:114 Resp: 388536
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 3.293 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

Tgt Ion:113 Resp: 8661
Ion Ratio Lower Upper
113 100
111 103.2 84.0 126.0
192 20.2 15.4 23.0

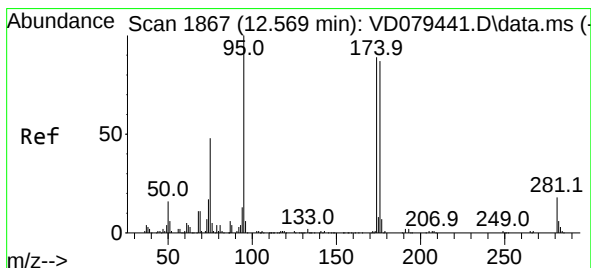
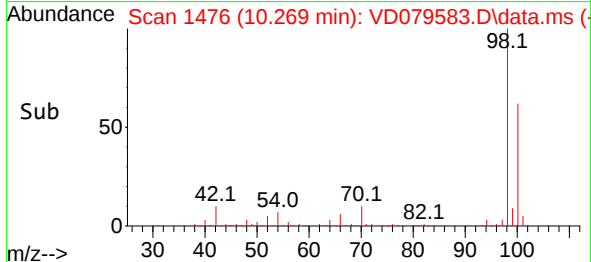
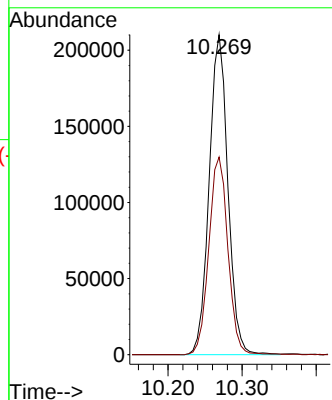
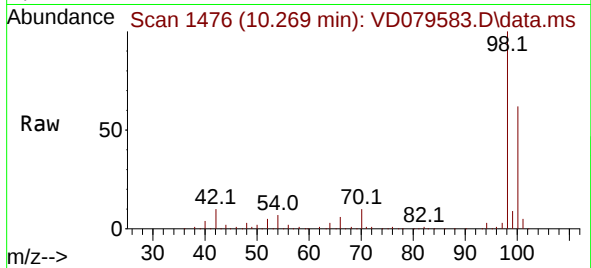




#50
Toluene-d8
Concen: 36.125 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

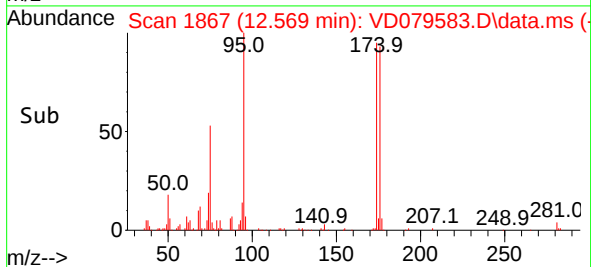
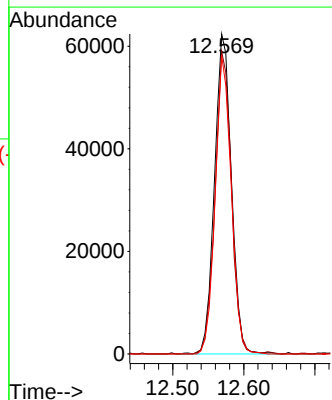
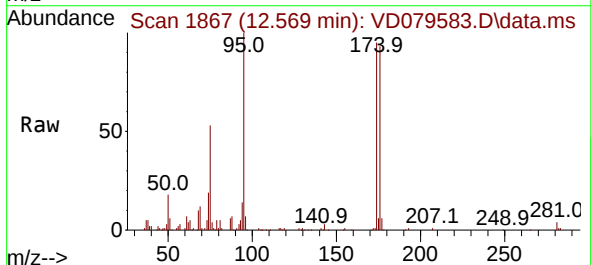
Instrument :
MSVOA_D
ClientSampleId :
TR-05-082024RE

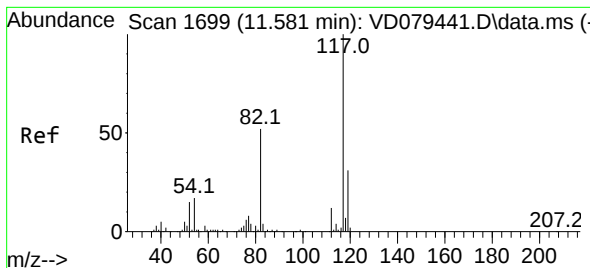
Tgt Ion: 98 Resp: 368928
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.695 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

Tgt Ion: 95 Resp: 102533
Ion Ratio Lower Upper
95 100
174 91.9 0.0 195.4
176 88.6 0.0 192.6

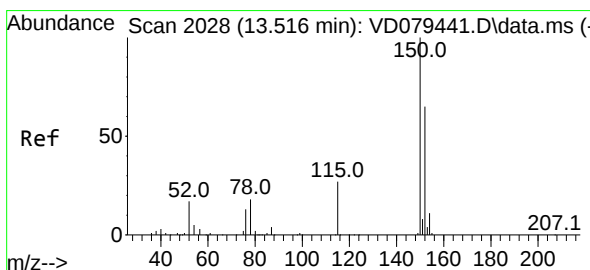
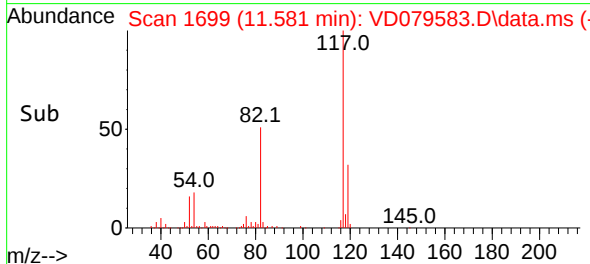
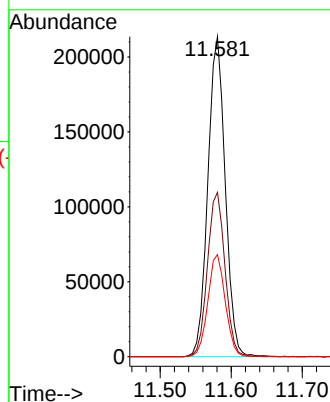
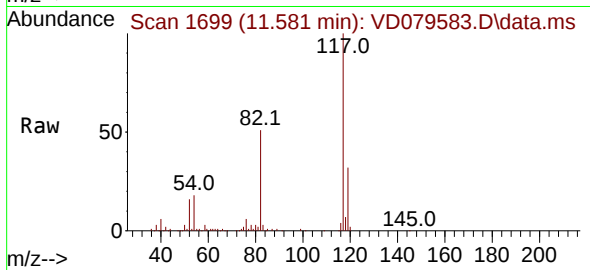




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079583.D
Acq: 05 Aug 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :
TR-05-082024RE

Tgt Ion:117 Resp: 363269
Ion Ratio Lower Upper
117 100
82 51.4 39.8 59.6
119 31.9 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: VD079583.D
Acq: 05 Aug 2024 16:22

Tgt Ion:152 Resp: 161082
Ion Ratio Lower Upper
152 100
115 54.9 26.5 79.5
150 162.3 0.0 341.6

