

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079669.D
 Acq On : 08 Aug 2024 16:12
 Operator : RP/MD
 Sample : P3488-03
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-080624

Quant Time: Aug 08 16:15:16 2024
 Quant Title :
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	288093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	585524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	483818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	174245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	126525	43.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.460%
35) Dibromofluoromethane	7.805	113	128165	32.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.680%
50) Toluene-d8	10.269	98	447993	29.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	58.220%
62) 4-Bromofluorobenzene	12.569	95	110967	24.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.840%

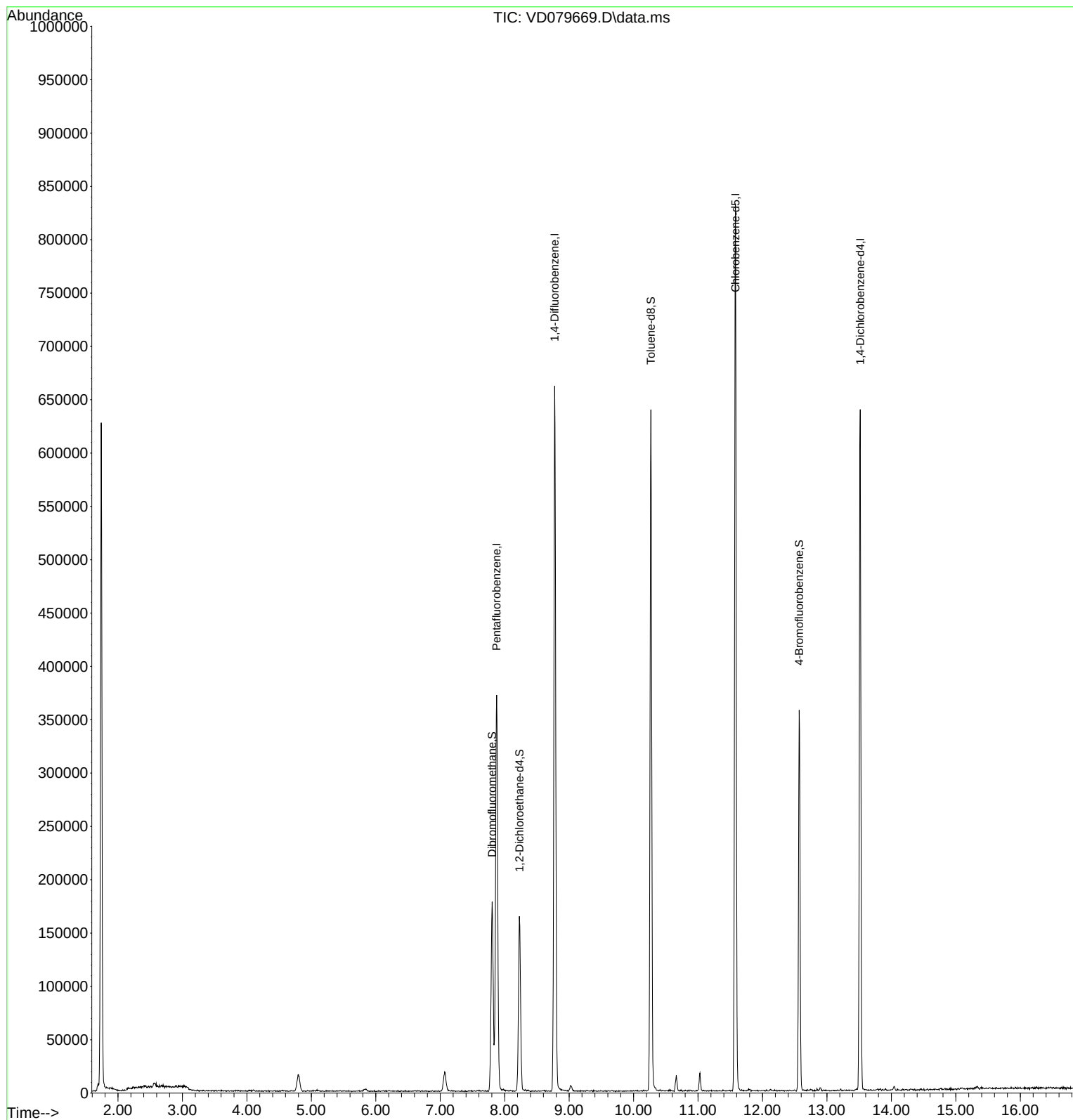
Target Compounds	Qvalue

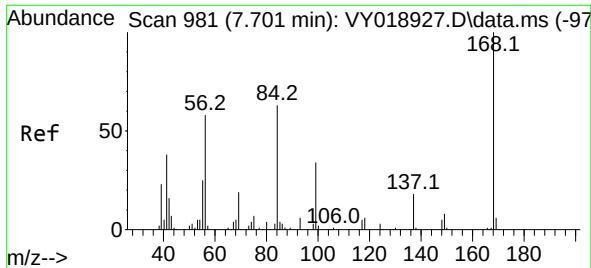
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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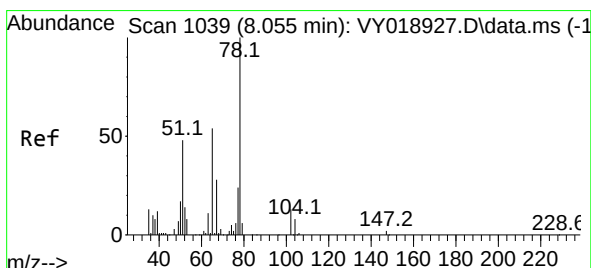
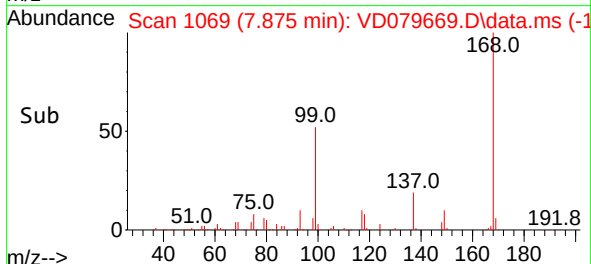
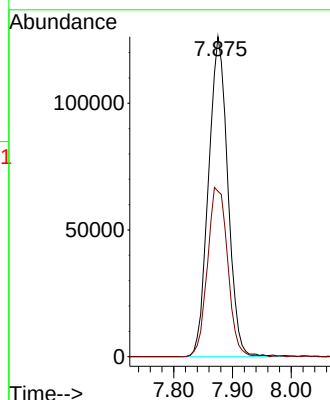
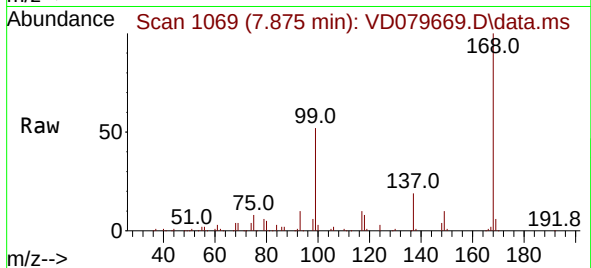




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

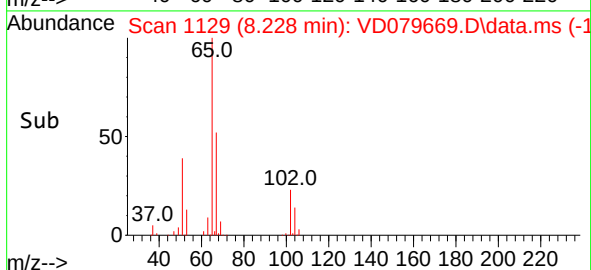
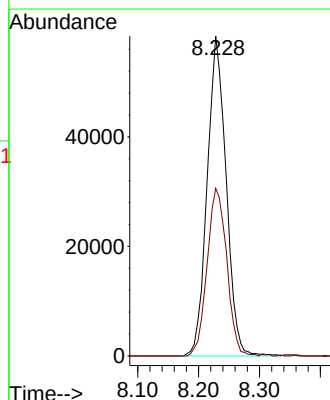
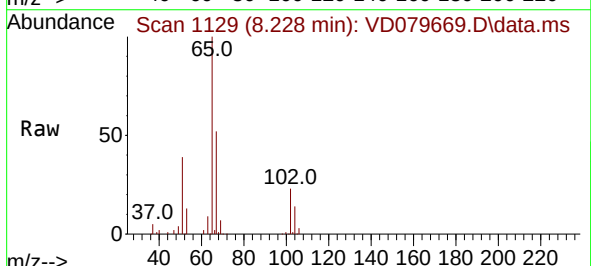
Instrument :
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ClientSampleId :
HD-02-080624

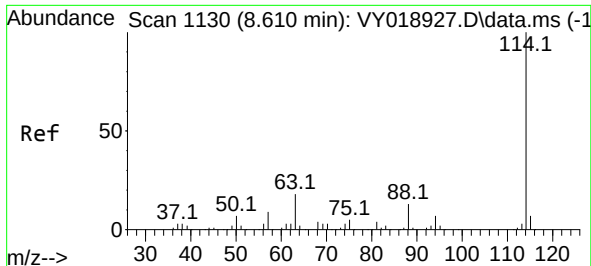
Tgt Ion:168 Resp: 288093
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 43.231 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

Tgt Ion: 65 Resp: 126525
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0

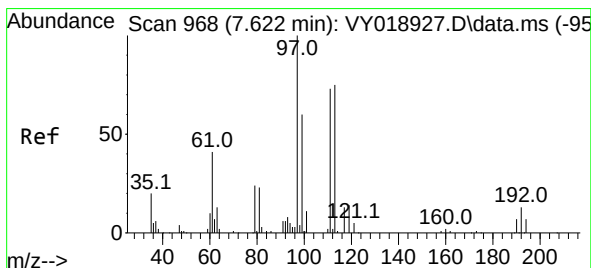
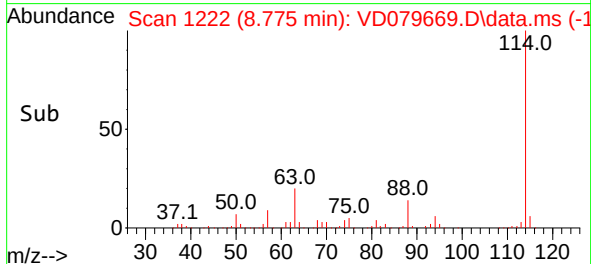
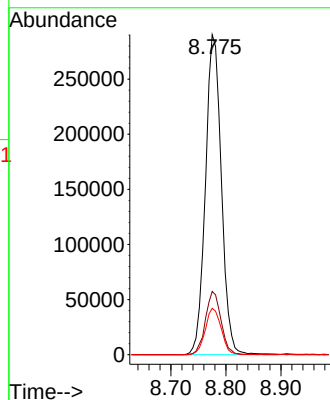
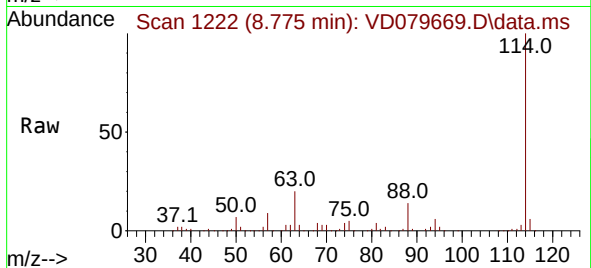




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

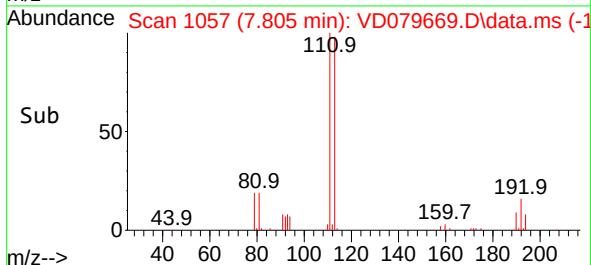
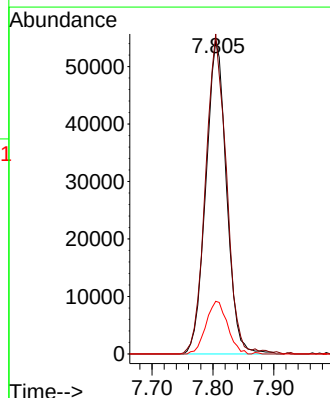
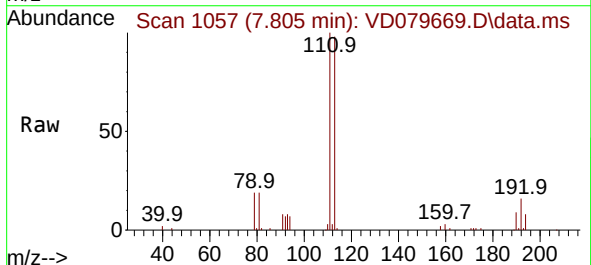
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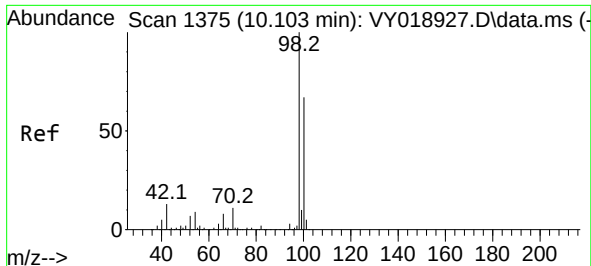
Tgt Ion:114 Resp: 585524
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 32.340 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

Tgt Ion:113 Resp: 128165
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 17.5 15.4 23.0

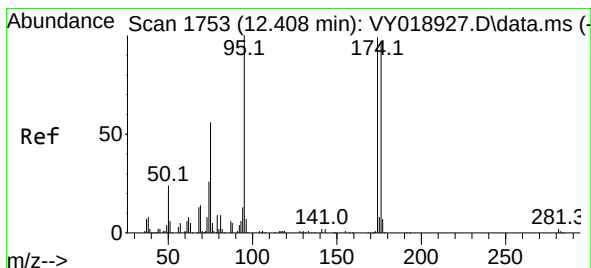
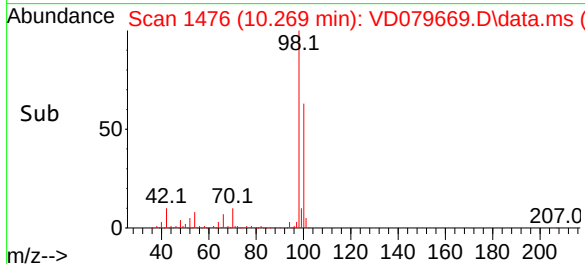
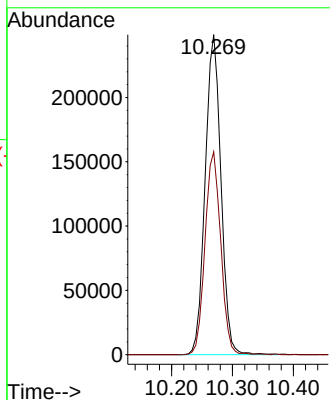
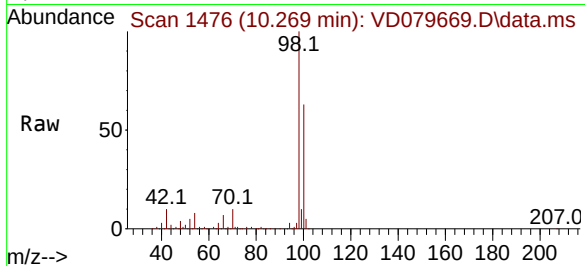




#50
Toluene-d8
Concen: 29.109 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

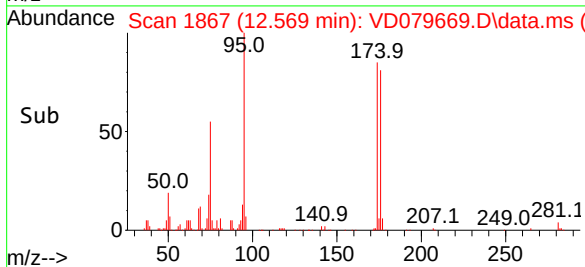
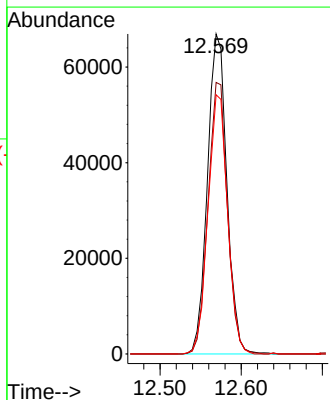
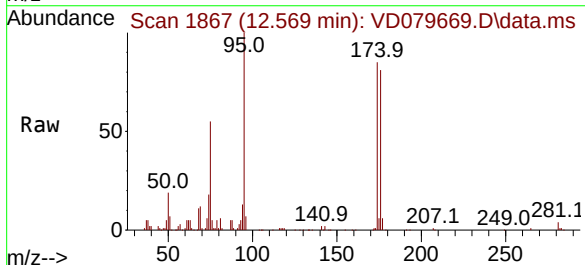
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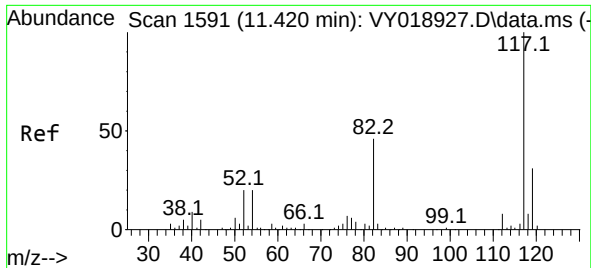
Tgt Ion: 98 Resp: 447993
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 24.916 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

Tgt Ion: 95 Resp: 110967
Ion Ratio Lower Upper
95 100
174 84.6 0.0 195.4
176 81.9 0.0 192.6

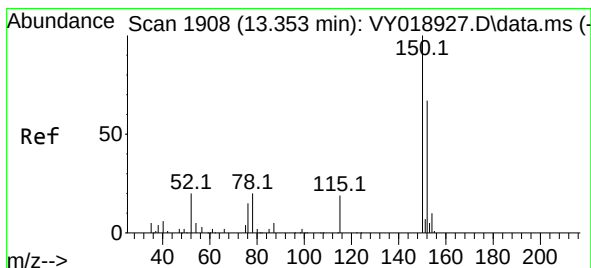
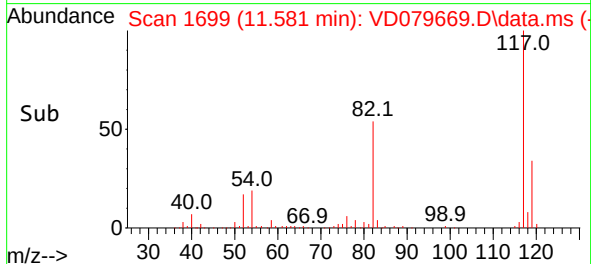
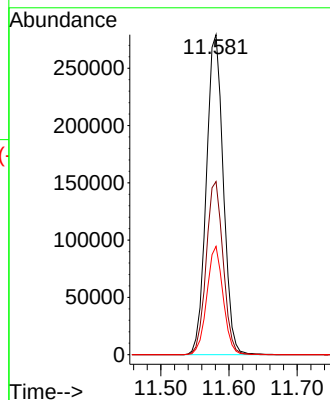
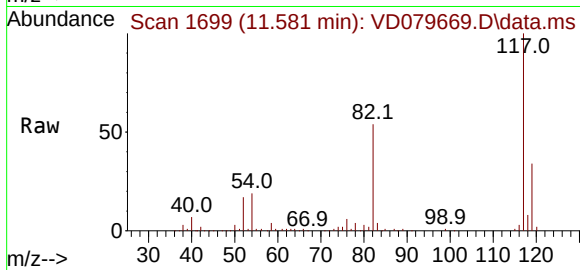




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079669.D
Acq: 08 Aug 2024 16:12

Instrument :
MSVOA_D
ClientSampleId :
HD-02-080624

Tgt Ion:117 Resp: 483818
Ion Ratio Lower Upper
117 100
82 54.1 39.8 59.6
119 33.8 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: VD079669.D
Acq: 08 Aug 2024 16:12

Tgt Ion:152 Resp: 174245
Ion Ratio Lower Upper
152 100
115 58.4 26.5 79.5
150 156.4 0.0 341.6

