

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078501.D
 Acq On : 21 Feb 2024 16:13
 Operator : RP/MD
 Sample : P1538-06
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06

Quant Time: Feb 22 00:05:25 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	116169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55652	44.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.620%
35) Dibromofluoromethane	7.810	113	72845	48.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.280%
50) Toluene-d8	10.269	98	311018	51.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.575	95	116130	65.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	131.860%

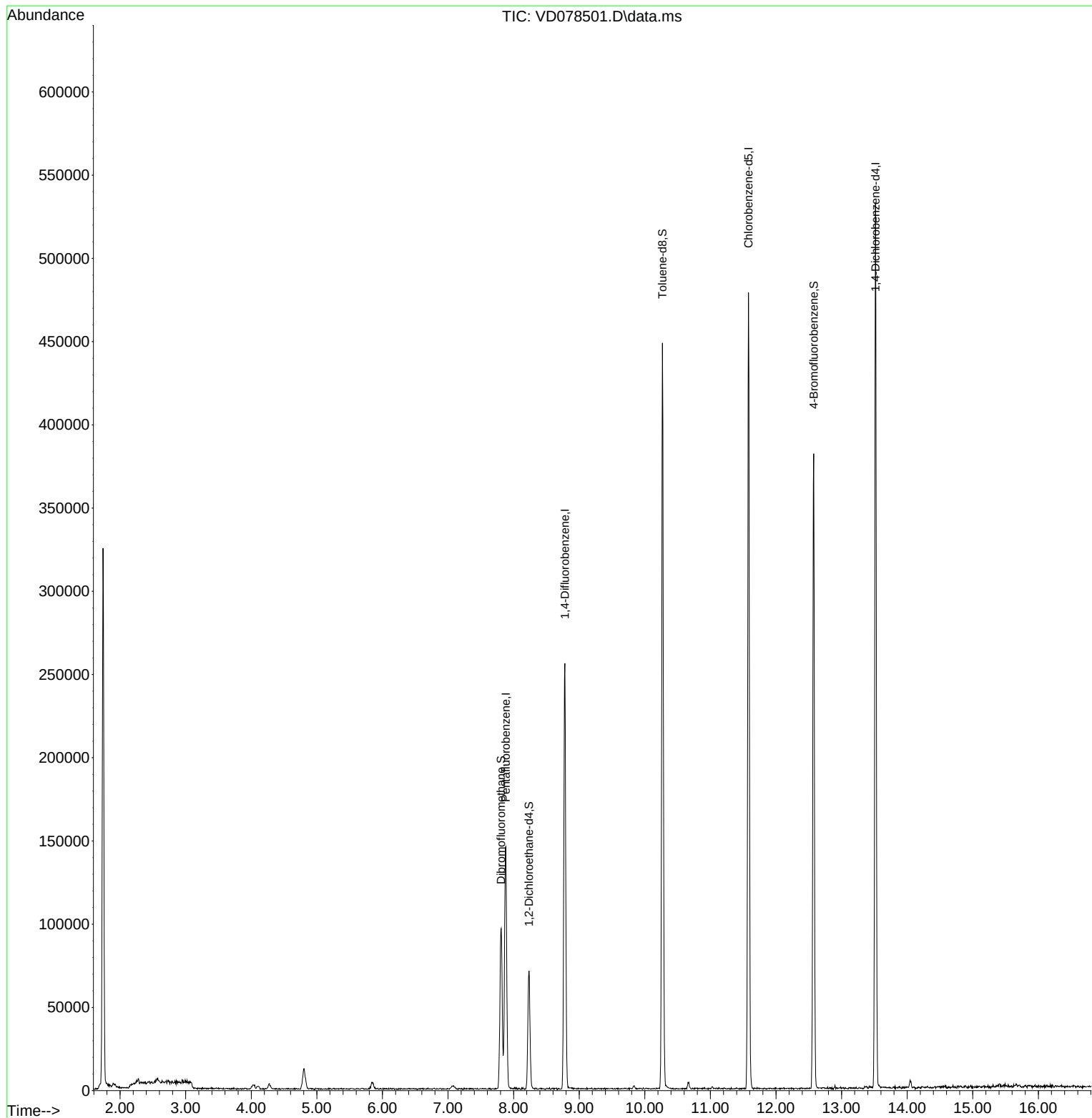
Target Compounds	Qvalue

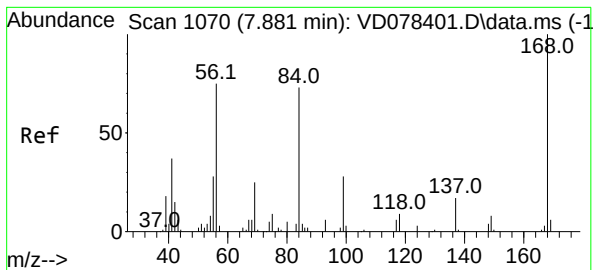
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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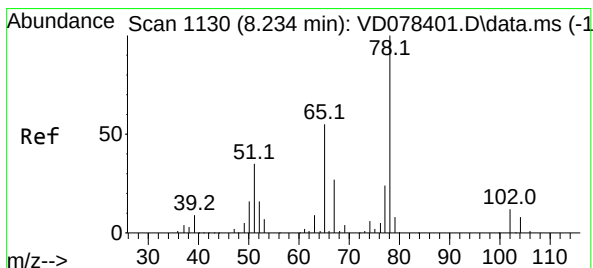
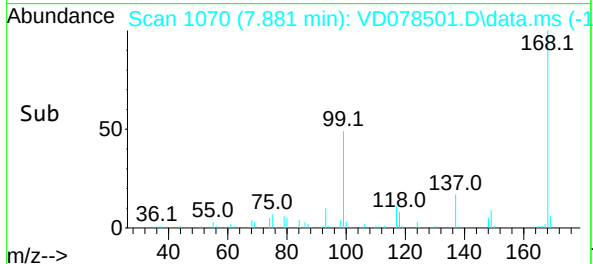
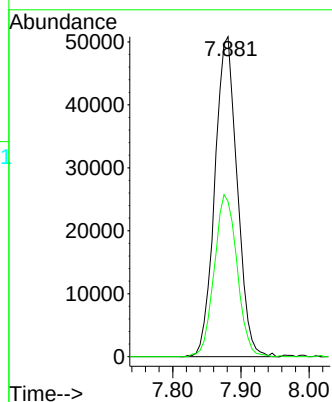
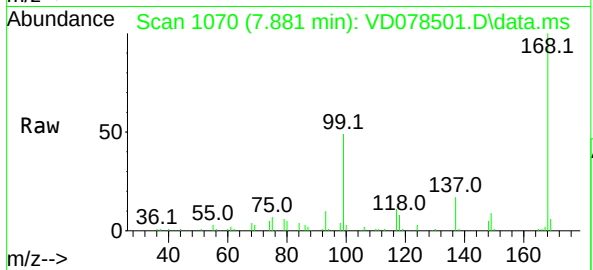




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

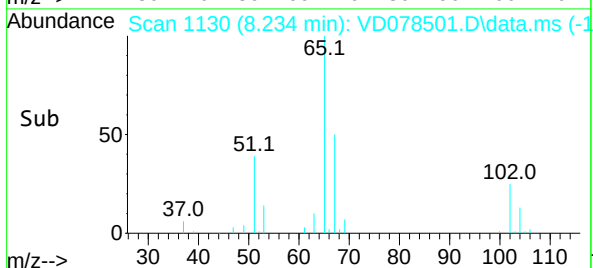
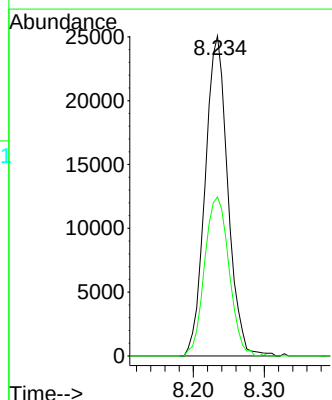
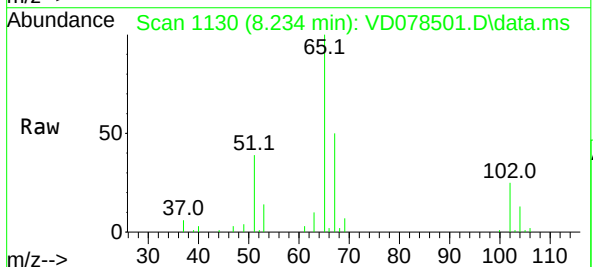
Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

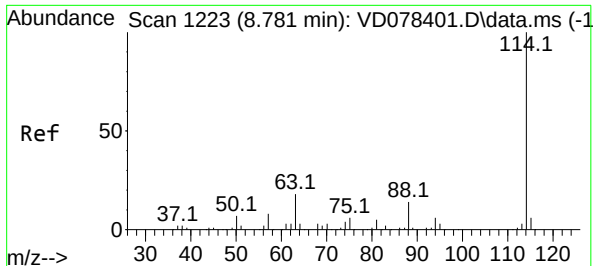
Tgt Ion:168 Resp: 116169
Ion Ratio Lower Upper
168 100
99 48.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 44.306 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 65 Resp: 55652
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0

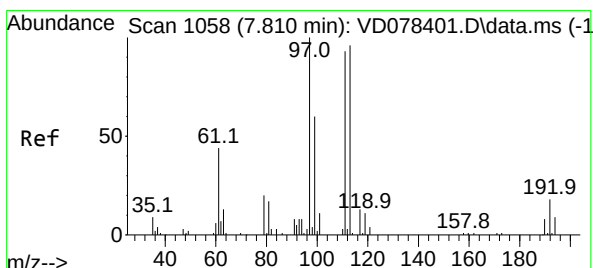
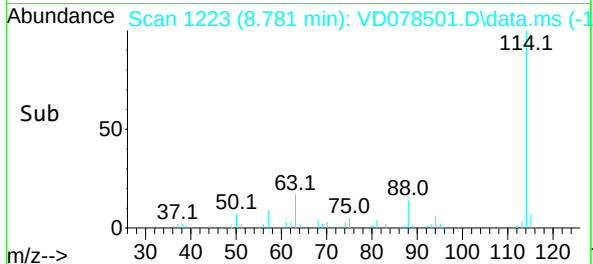
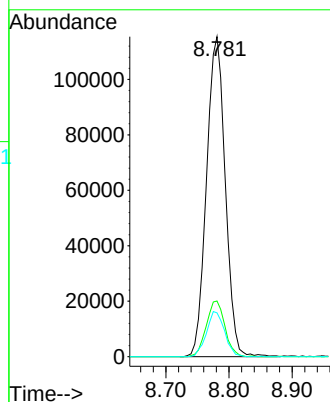
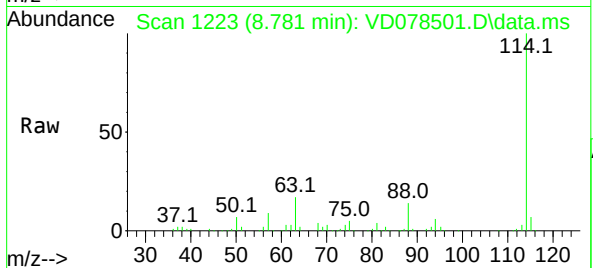




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

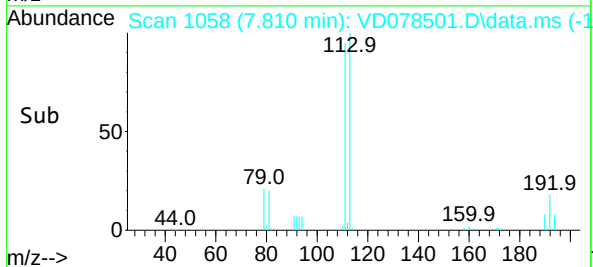
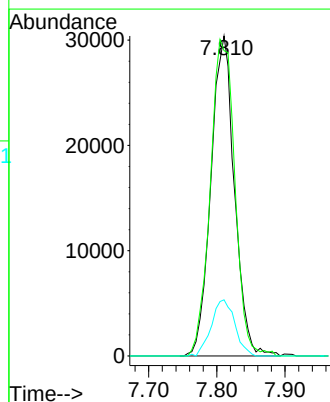
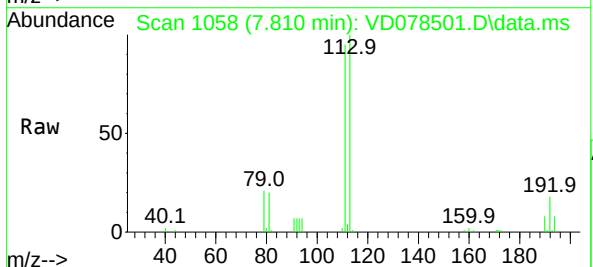
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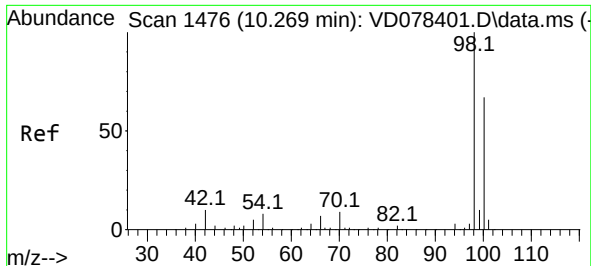
Tgt Ion:114 Resp: 238217
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.140 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

Tgt Ion:113 Resp: 72845
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 17.6 16.8 25.2

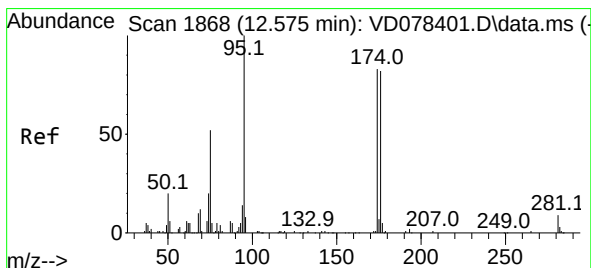
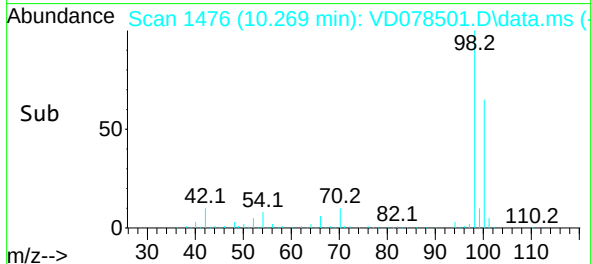
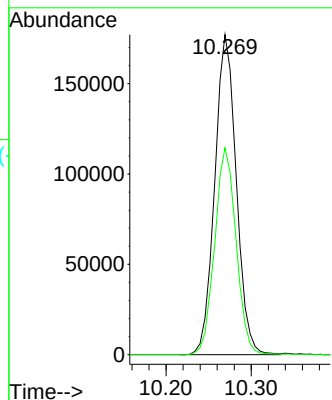
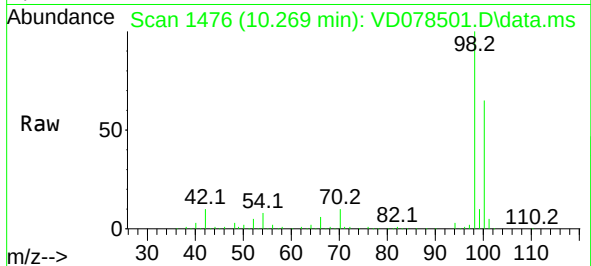




#50
Toluene-d8
Concen: 51.381 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

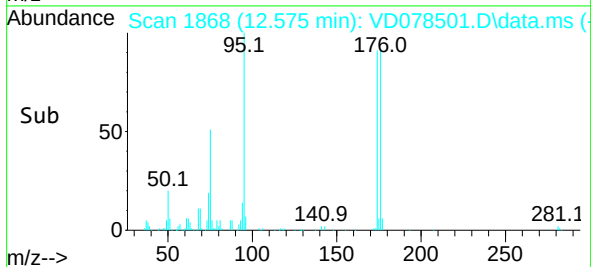
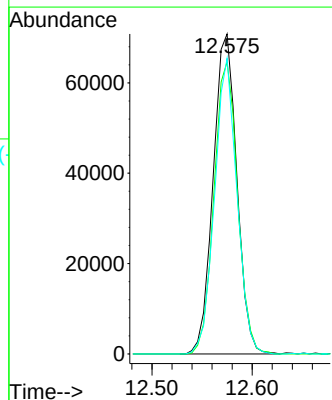
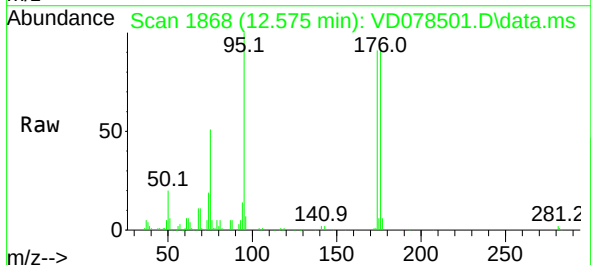
Instrument :
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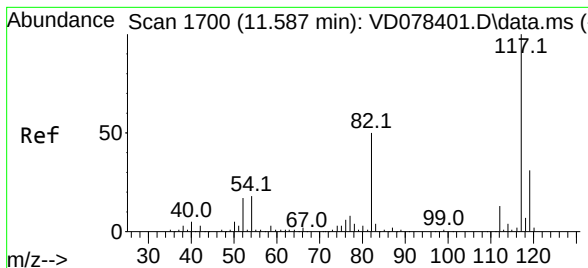
Tgt Ion: 98 Resp: 311018
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 65.926 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 95 Resp: 116130
Ion Ratio Lower Upper
95 100
174 90.5 0.0 201.8
176 87.1 0.0 191.8

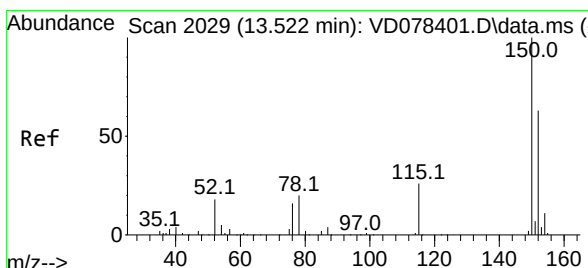
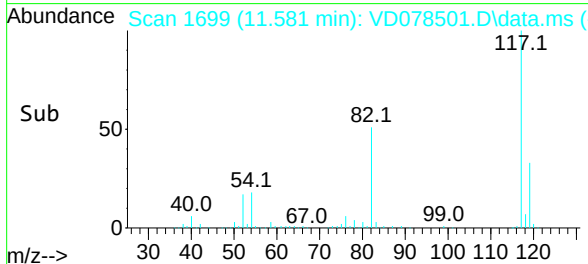
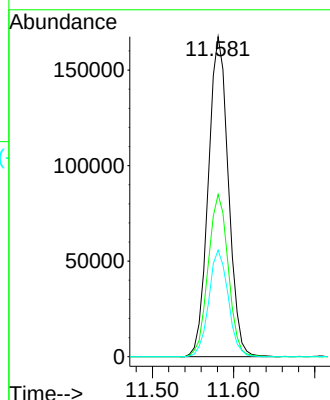
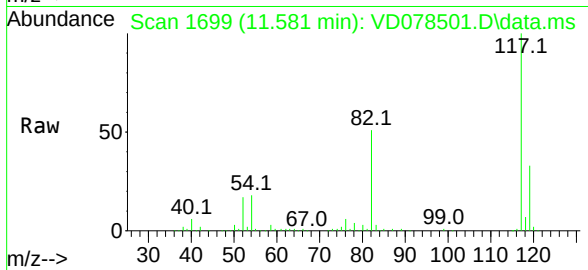




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078501.D
Acq: 21 Feb 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

Tgt Ion:117 Resp: 287648
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 33.3 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: VD078501.D
Acq: 21 Feb 2024 16:13

Tgt Ion:152 Resp: 141011
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 157.2 0.0 353.6

