

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077861.D
 Acq On : 13 Dec 2023 14:44
 Operator : RP/MD
 Sample : 05699-01RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ELM-N7THSTREET-DRUMS-SOILRE

Quant Time: Dec 14 01:52:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	17442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	30693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	32498	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11361	55.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.560%	
35) Dibromofluoromethane	7.810	113	11607	53.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.980%	
50) Toluene-d8	10.269	98	37940	44.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.120%	
62) 4-Bromofluorobenzene	12.575	95	11292	43.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.720%	

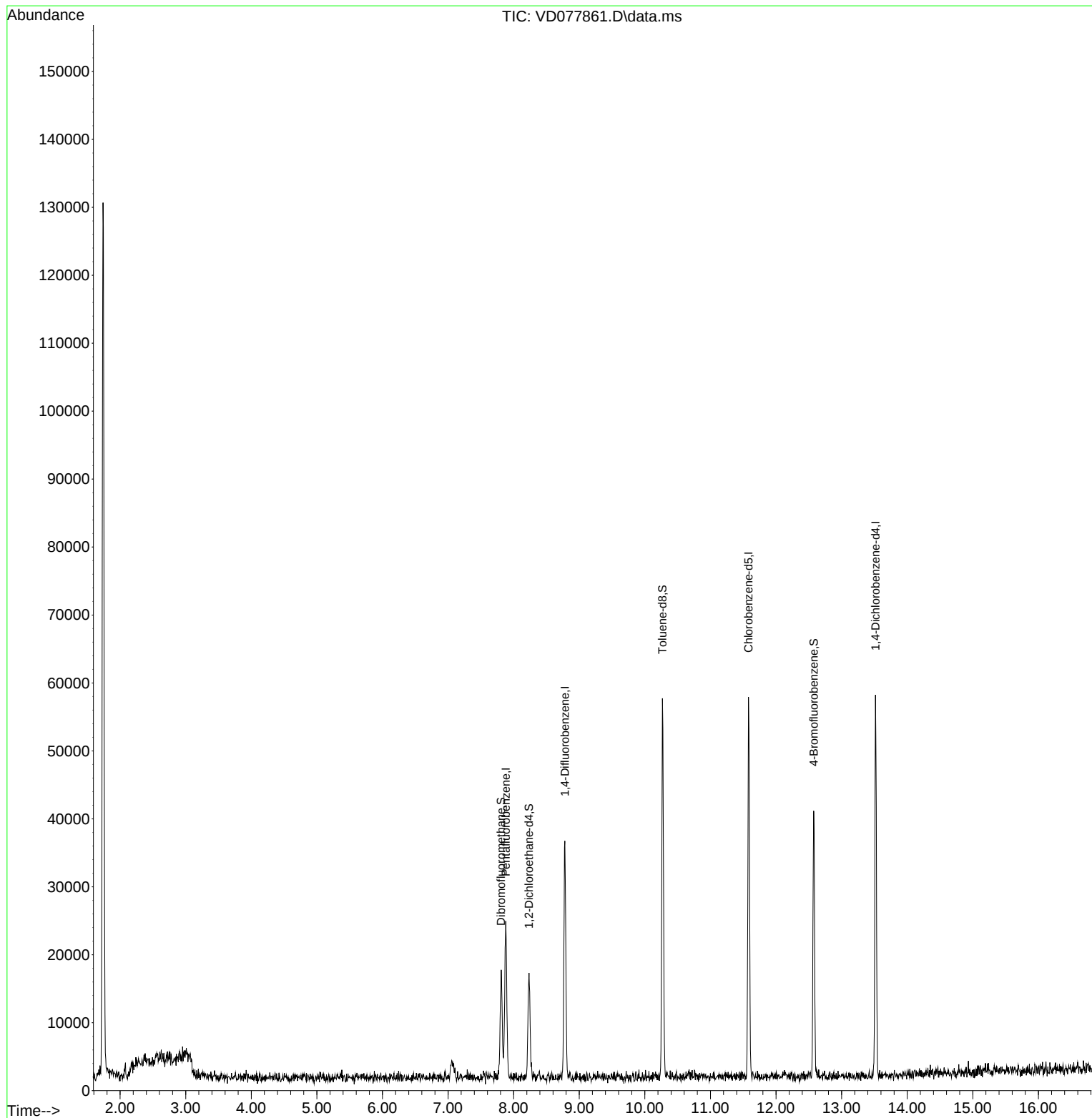
Target Compounds	Qvalue

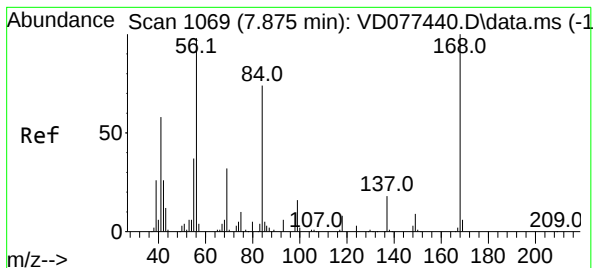
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD077861.D

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Instrument :

MSVOA_D

ClientSampleId :

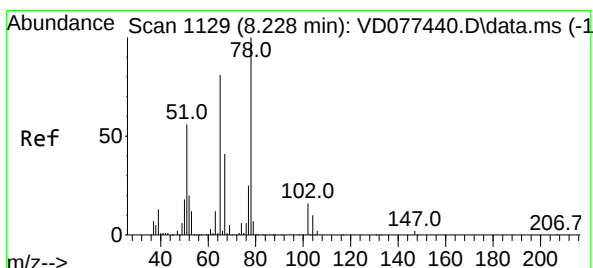
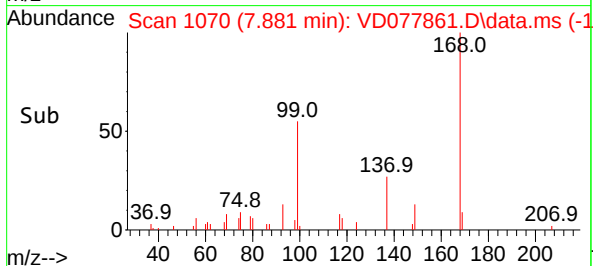
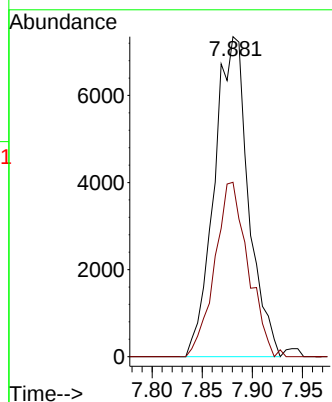
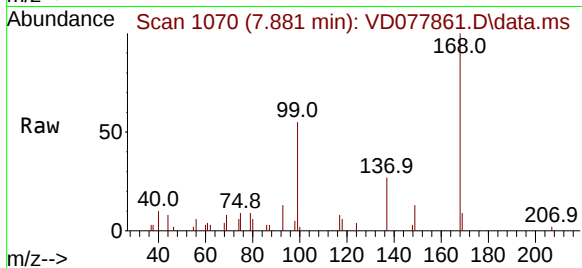
ELM-N7THSTREET-DRUMS-SOILRE

Tgt Ion:168 Resp: 17442

Ion Ratio Lower Upper

168 100

99 54.5 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 55.277 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077861.D

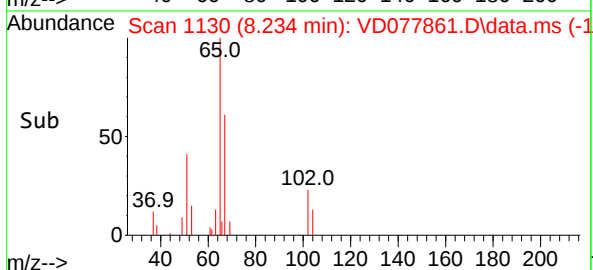
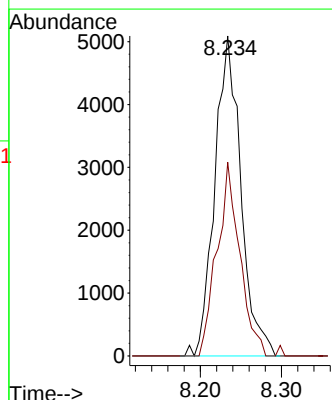
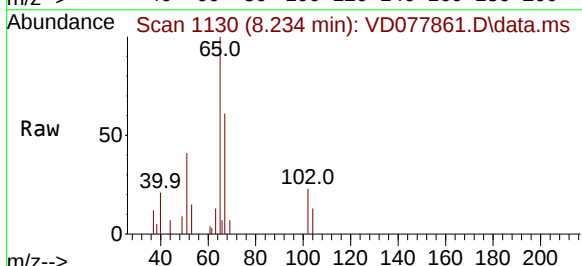
Acq: 13 Dec 2023 14:44

Tgt Ion: 65 Resp: 11361

Ion Ratio Lower Upper

65 100

67 52.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077861.D

Acq: 13 Dec 2023 14:44

Instrument :

MSVOA_D

ClientSampleId :

ELM-N7THSTREET-DRUMS-SOILRE

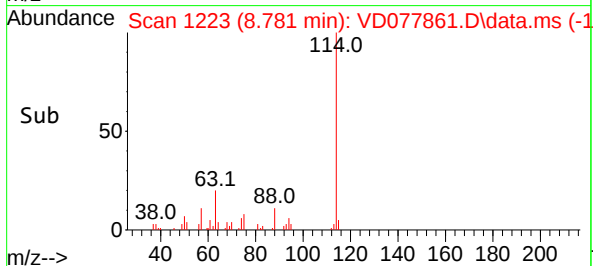
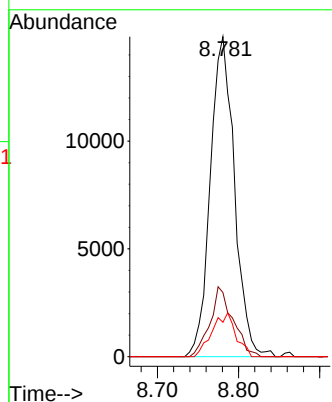
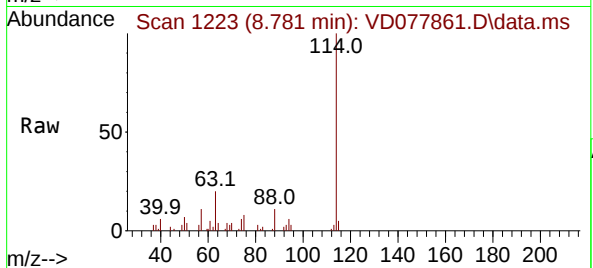
Tgt Ion:114 Resp: 30693

Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 10.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.988 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077861.D

Acq: 13 Dec 2023 14:44

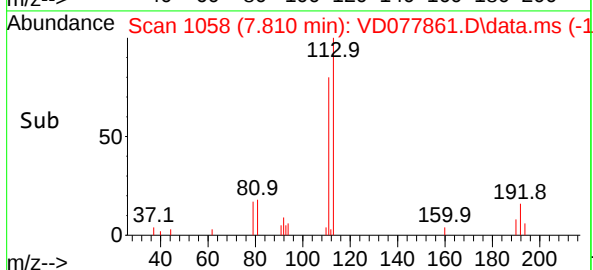
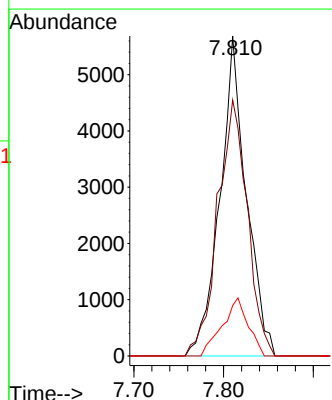
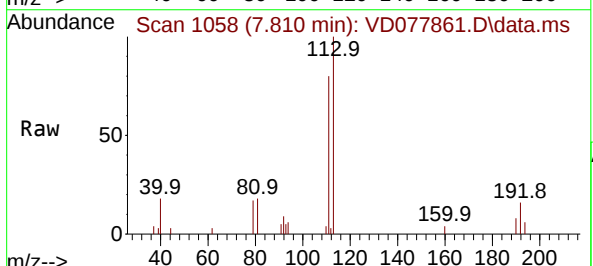
Tgt Ion:113 Resp: 11607

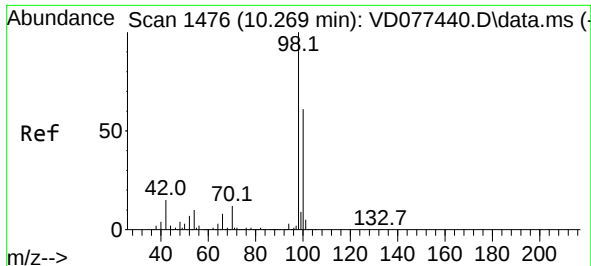
Ion Ratio Lower Upper

113 100

111 89.7 84.7 127.1

192 17.8 16.8 25.2

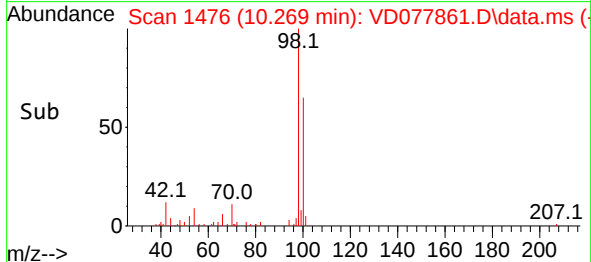
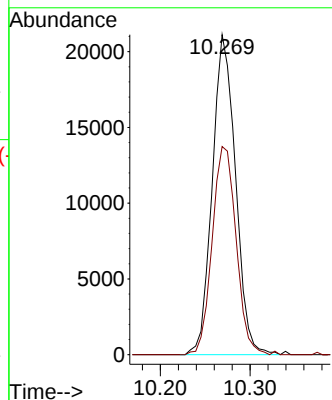
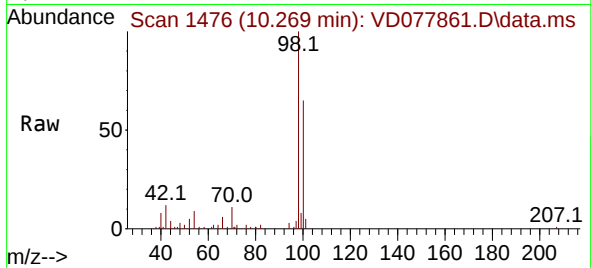




#50
Toluene-d8
Concen: 44.061 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077861.D
Acq: 13 Dec 2023 14:44

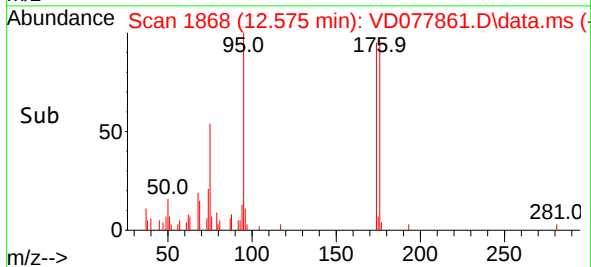
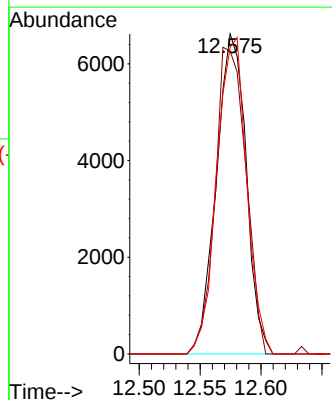
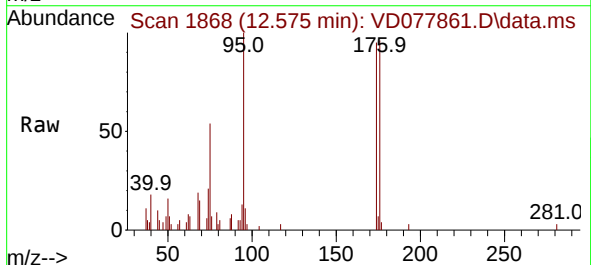
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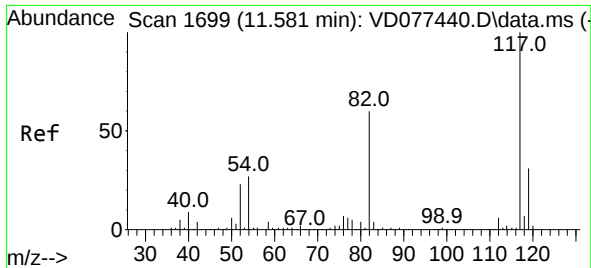
Tgt Ion: 98 Resp: 37940
Ion Ratio Lower Upper
98 100
100 67.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.863 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077861.D
Acq: 13 Dec 2023 14:44

Tgt Ion: 95 Resp: 11292
Ion Ratio Lower Upper
95 100
174 98.7 0.0 201.8
176 99.0 0.0 191.8

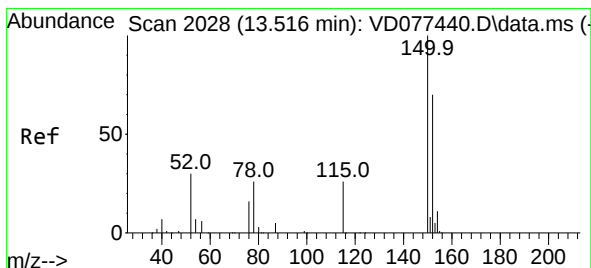
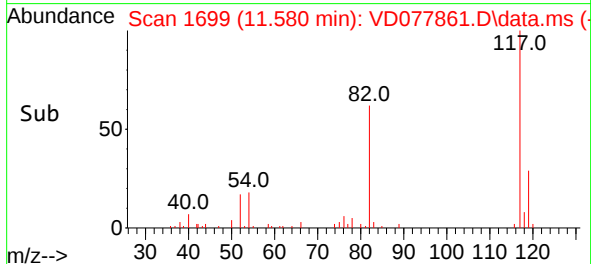
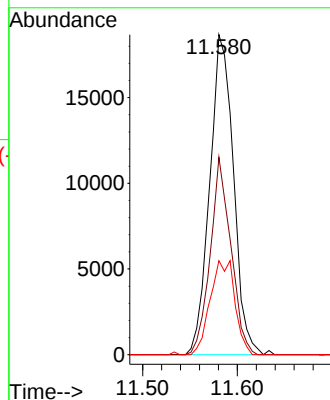
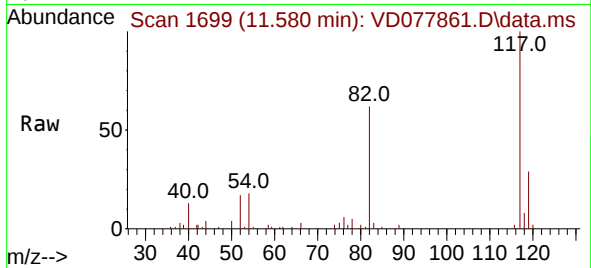




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077861.D
Acq: 13 Dec 2023 14:44

Instrument :
MSVOA_D
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOILRE

Tgt Ion:117 Resp: 32498
Ion Ratio Lower Upper
117 100
82 61.7 38.3 57.5#
119 29.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077861.D
Acq: 13 Dec 2023 14:44

Tgt Ion:152 Resp: 14799
Ion Ratio Lower Upper
152 100
115 51.8 27.1 81.3
150 154.0 0.0 353.6

