

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078879.D
 Acq On : 07 May 2024 14:44
 Operator : RP/MD
 Sample : P2404-05
 Misc : 6.15G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-3

Quant Time: May 08 04:22:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

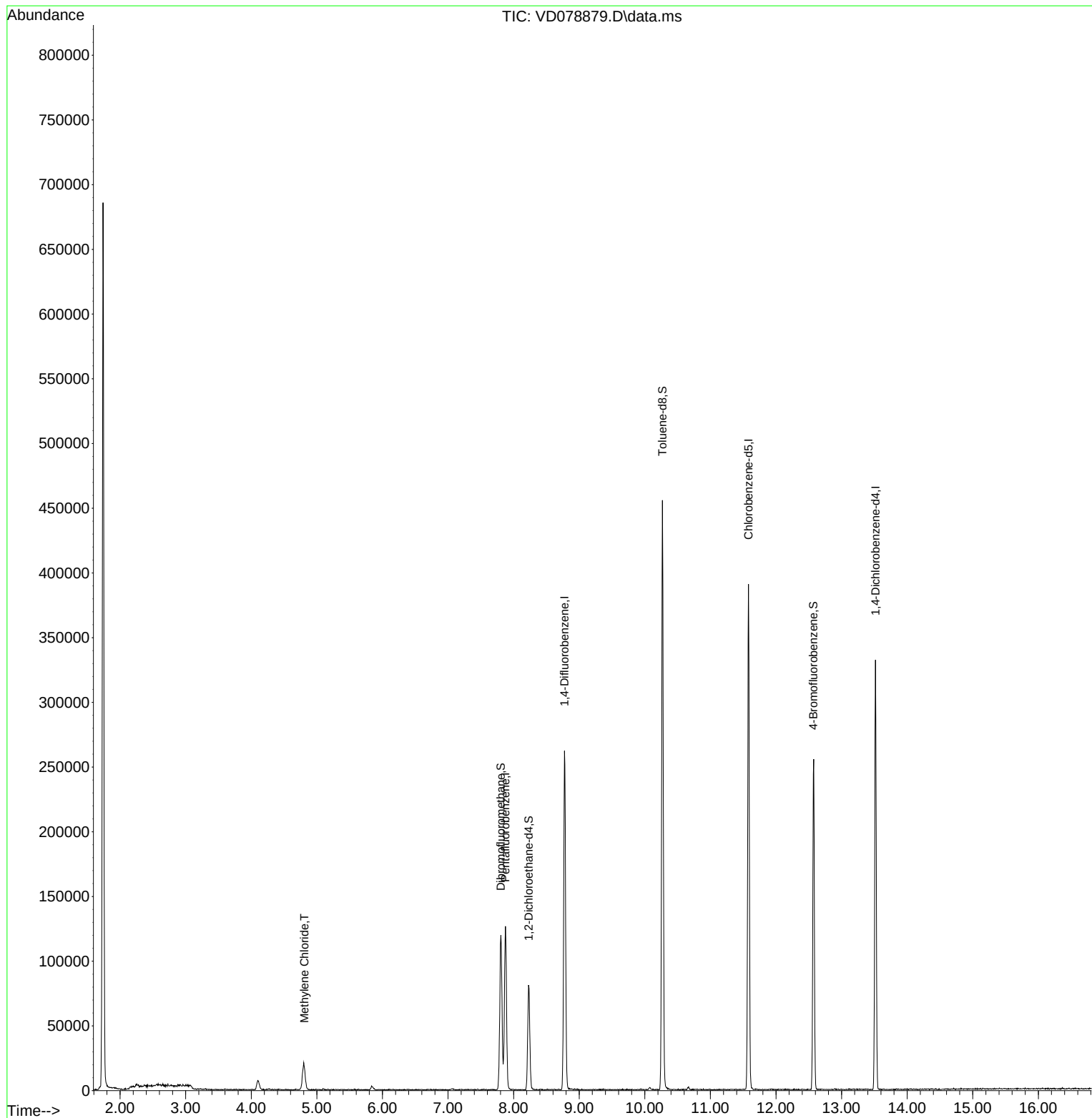
Internal Standards						
1) Pentafluorobenzene	7.875	168	100538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62873	56.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.680%
35) Dibromofluoromethane	7.805	113	86259	47.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.269	98	313910	45.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.569	95	77273	39.024	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.040%
Target Compounds						
20) Methylene Chloride	4.811	84	17160	10.316	ug/l	Qvalue 86

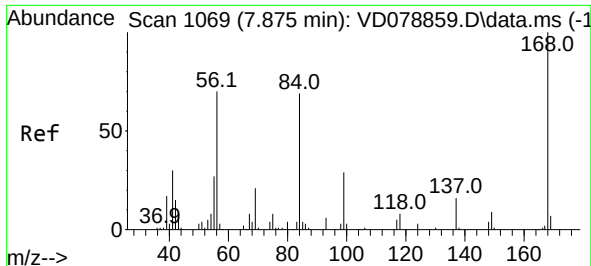
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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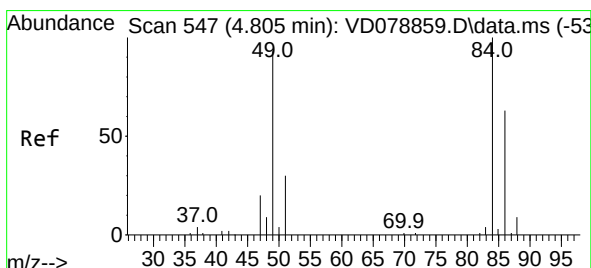
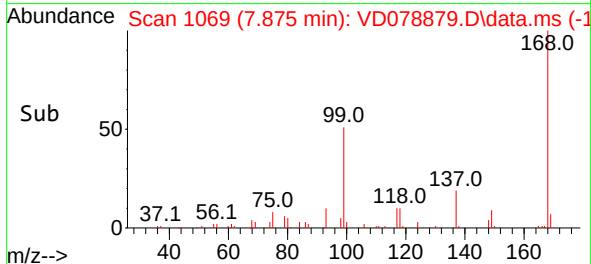
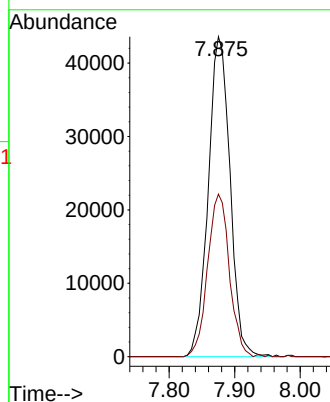
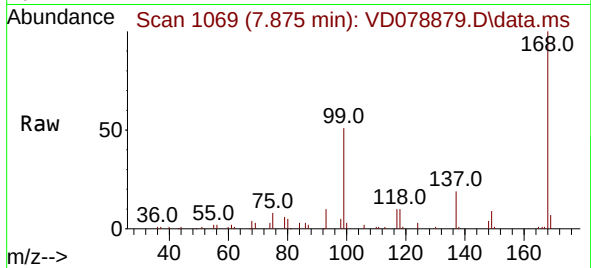




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

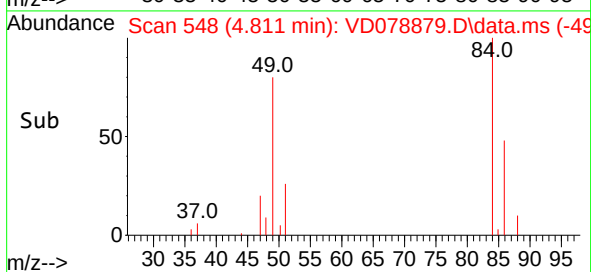
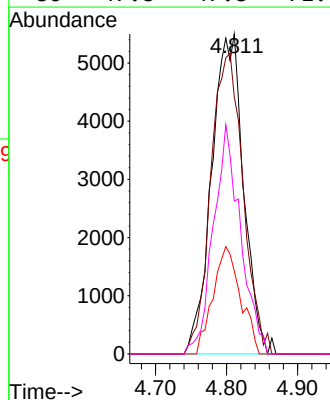
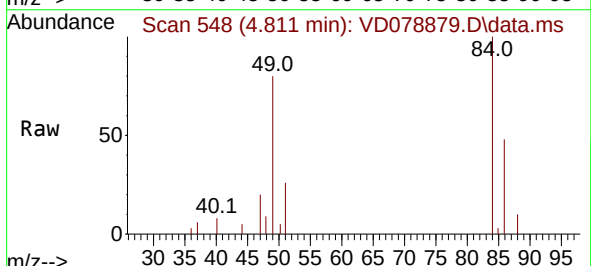
Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-3

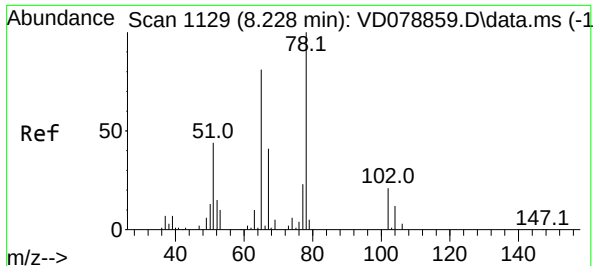
Tgt Ion:168 Resp: 100538
Ion Ratio Lower Upper
168 100
99 50.8 38.8 58.2



#20
Methylene Chloride
Concen: 10.316 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

Tgt Ion: 84 Resp: 17160
Ion Ratio Lower Upper
84 100
49 80.4 75.6 113.4
51 25.9 23.4 35.0
86 47.8 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 56.341 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

Instrument :

MSVOA_D

ClientSampleId :

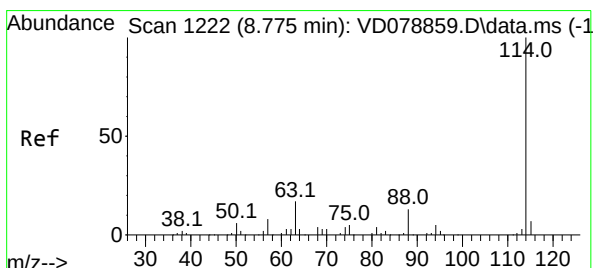
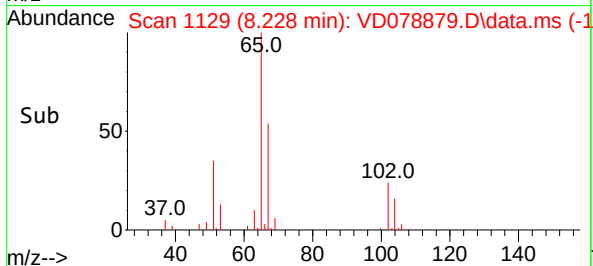
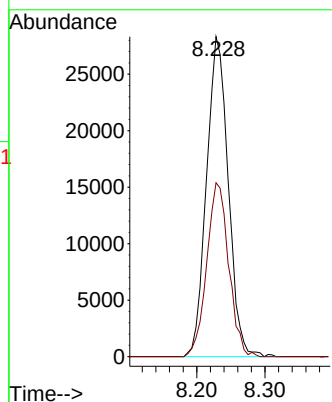
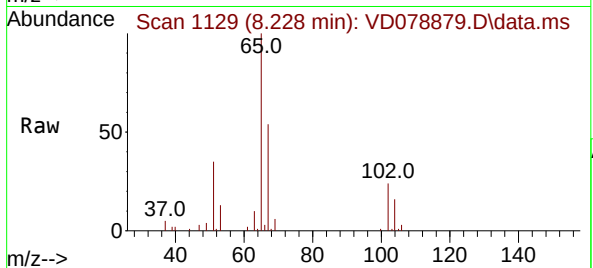
TOP-SOIL-3

Tgt Ion: 65 Resp: 62873

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

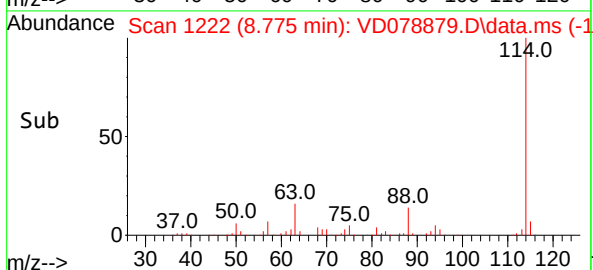
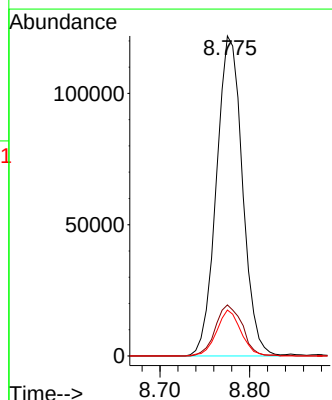
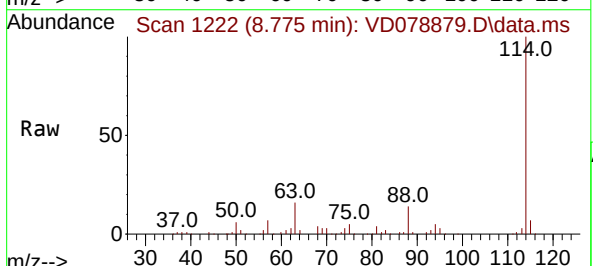
Tgt Ion: 114 Resp: 245542

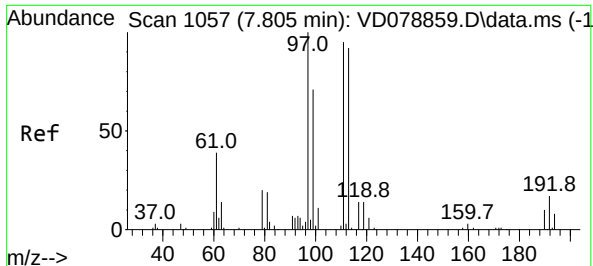
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 14.3 0.0 24.6





#35

Dibromofluoromethane

Concen: 47.846 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078879.D

Acq: 07 May 2024 14:44

Instrument :

MSVOA_D

ClientSampleId :

TOP-SOIL-3

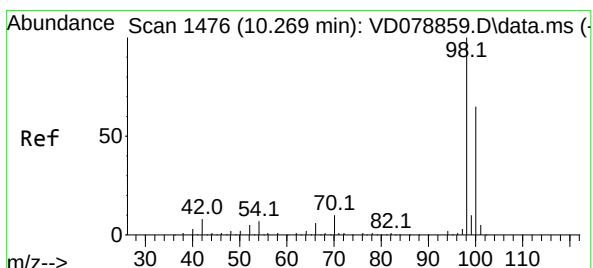
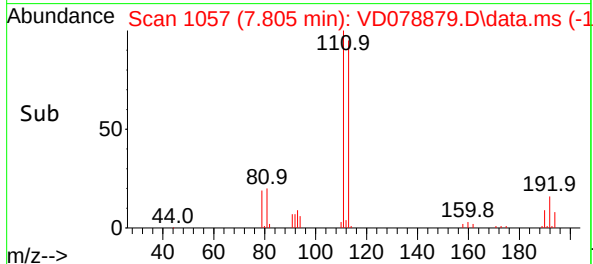
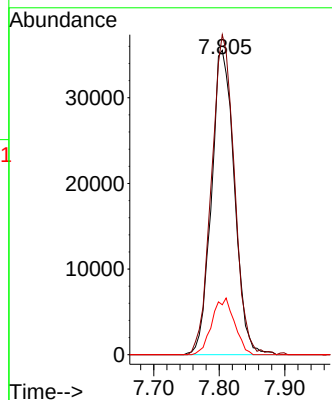
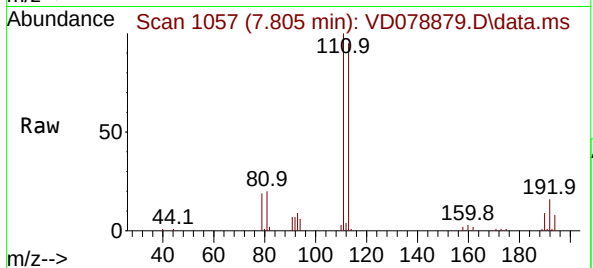
Tgt Ion:113 Resp: 86259

Ion Ratio Lower Upper

113 100

111 105.0 81.9 122.9

192 18.3 15.4 23.0



#50

Toluene-d8

Concen: 45.371 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078879.D

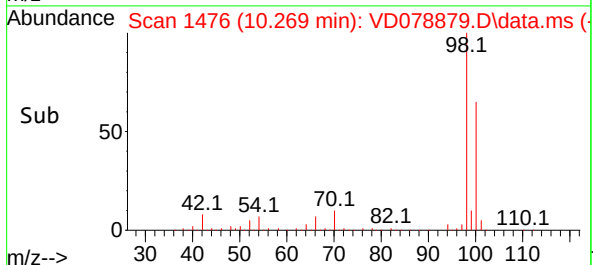
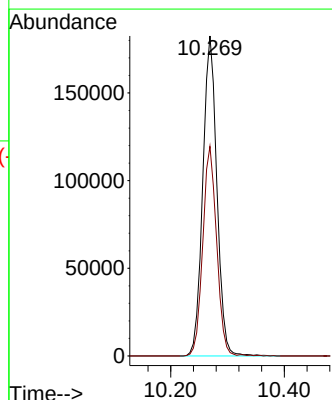
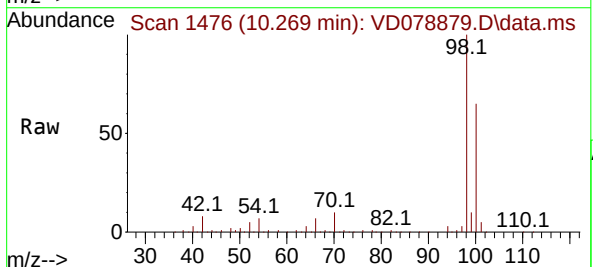
Acq: 07 May 2024 14:44

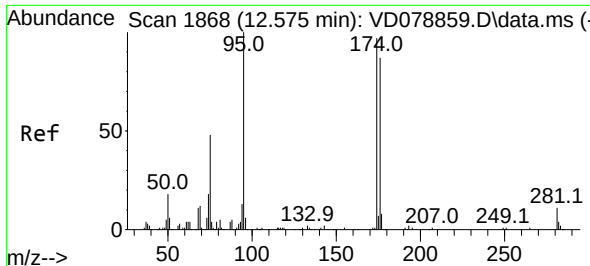
Tgt Ion: 98 Resp: 313910

Ion Ratio Lower Upper

98 100

100 64.5 50.5 75.7

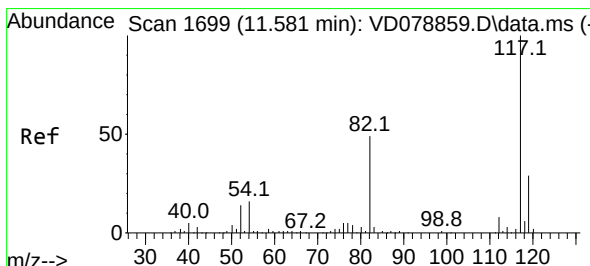
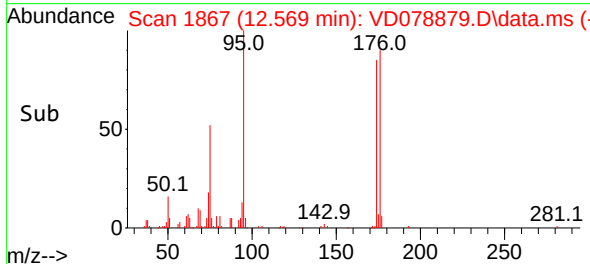
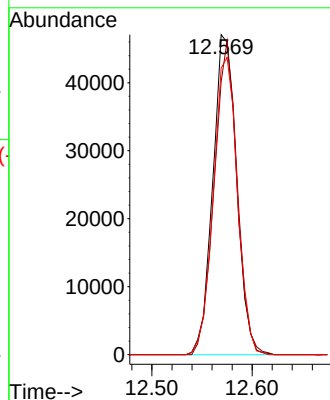
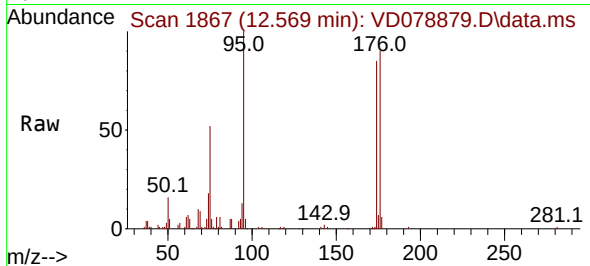




#62
4-Bromofluorobenzene
Concen: 39.024 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

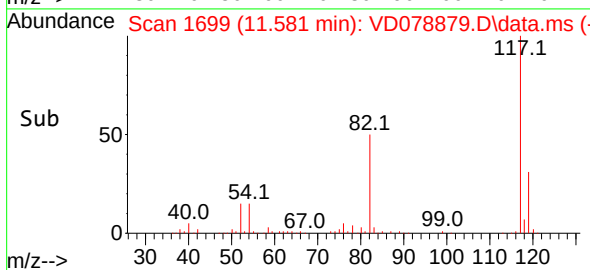
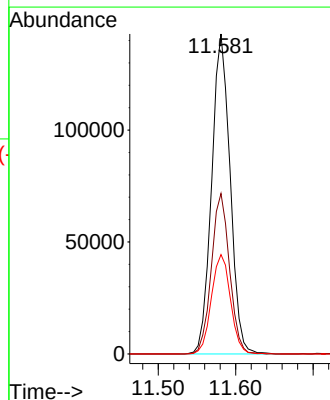
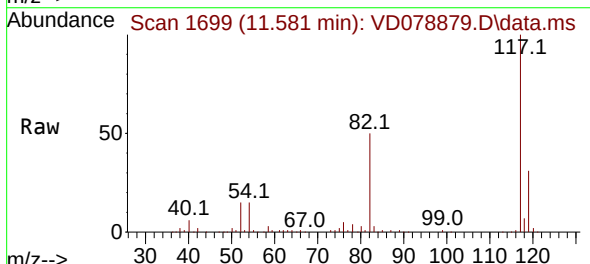
Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-3

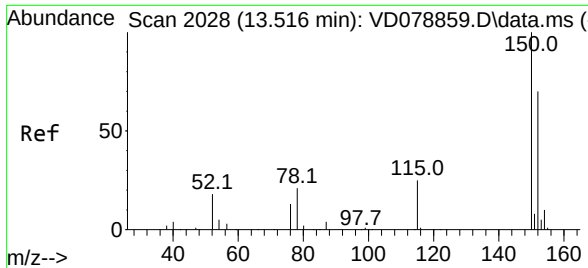
Tgt Ion: 95 Resp: 77273
Ion Ratio Lower Upper
95 100
174 94.9 0.0 195.2
176 94.3 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078879.D
Acq: 07 May 2024 14:44

Tgt Ion: 117 Resp: 237137
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 31.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078879.D
 Acq: 07 May 2024 14:44

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-3

Tgt Ion:152 Resp: 92210
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.2
 150 158.3 0.0 350.2

