

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078878.D
 Acq On : 07 May 2024 14:16
 Operator : RP/MD
 Sample : P2404-01
 Misc : 5.64G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-1

Quant Time: May 08 04:22:21 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)

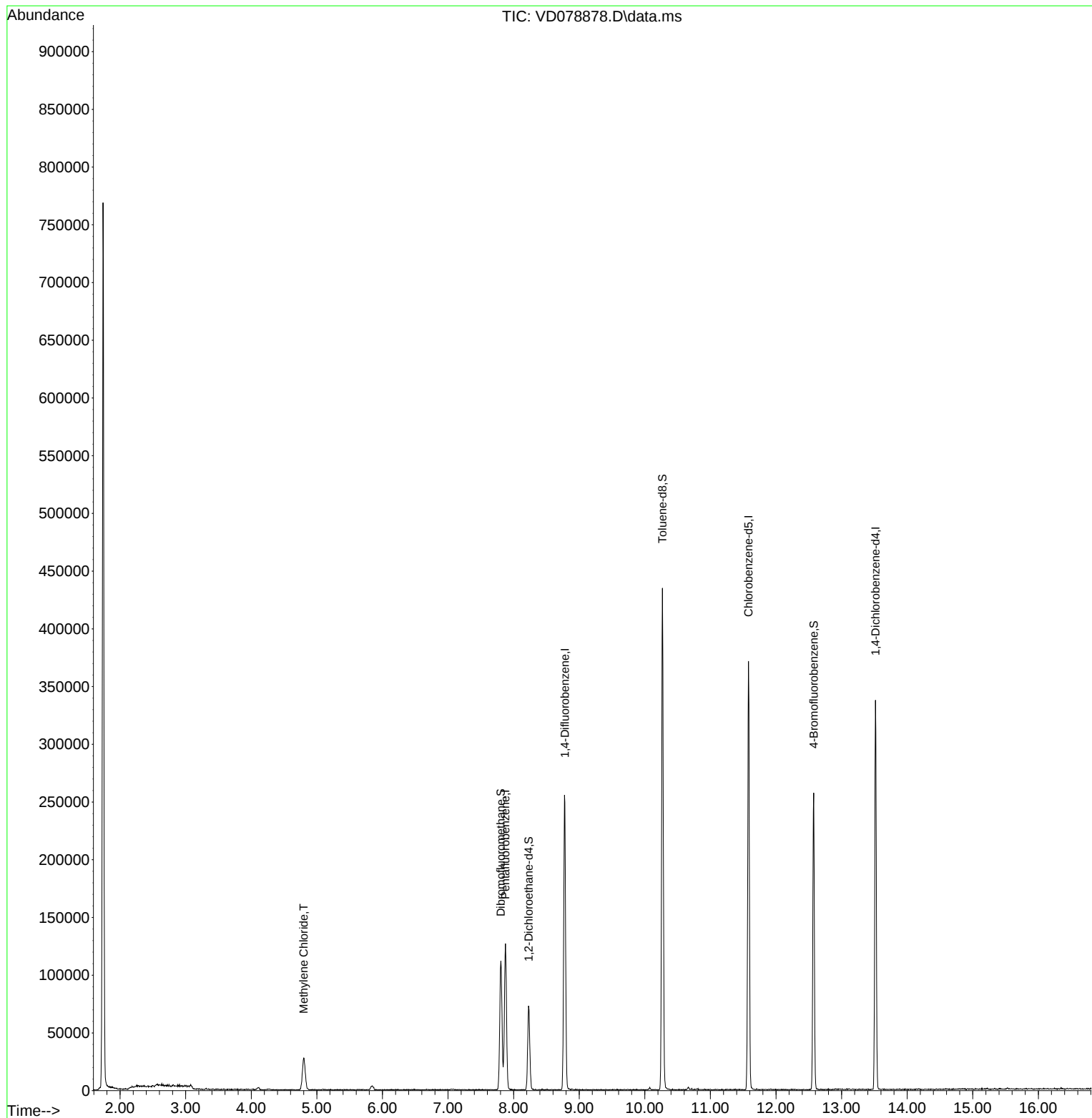
Internal Standards						
1) Pentafluorobenzene	7.875	168	99456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57783	52.343	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	104.680%	
35) Dibromofluoromethane	7.805	113	81793	46.911	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	93.820%	
50) Toluene-d8	10.269	98	309379	46.236	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	92.480%	
62) 4-Bromofluorobenzene	12.575	95	75381	39.363	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	78.720%	
Target Compounds						
20) Methylene Chloride	4.799	84	23860	14.502	ug/l	Qvalue # 92

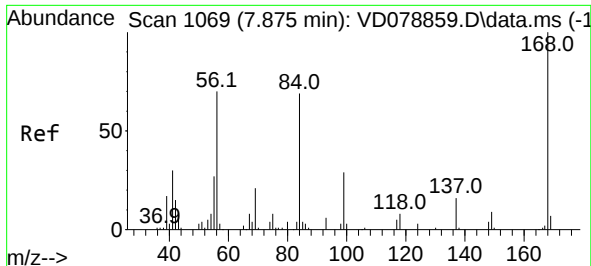
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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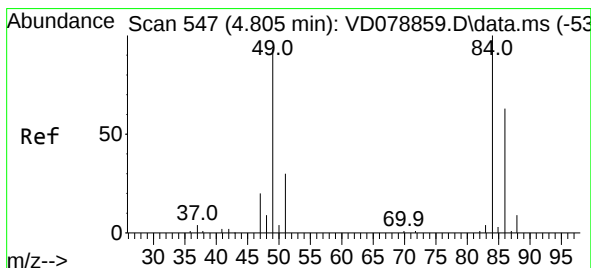
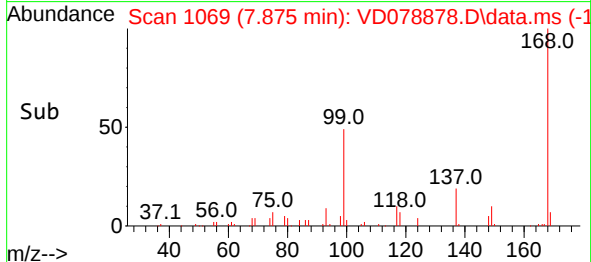
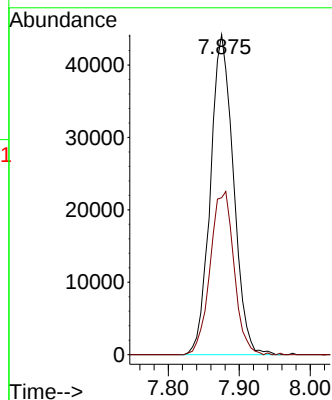
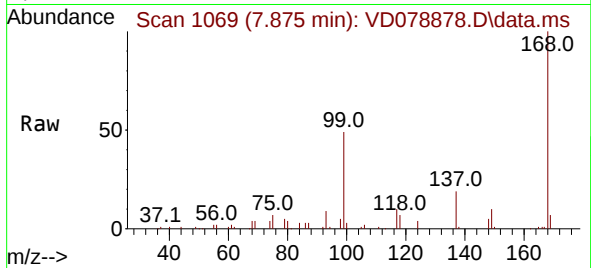




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078878.D
Acq: 07 May 2024 14:16

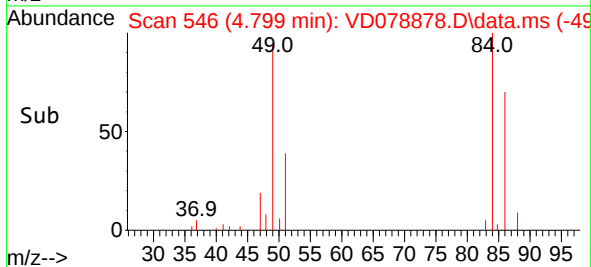
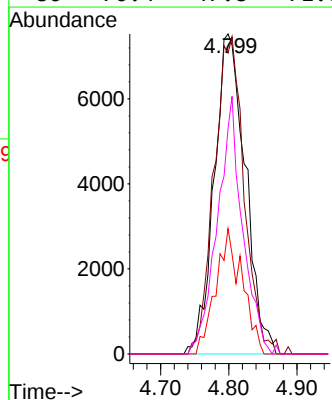
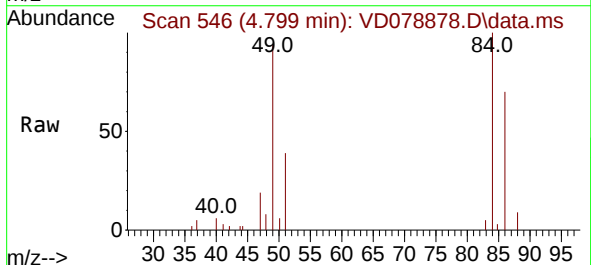
Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-1

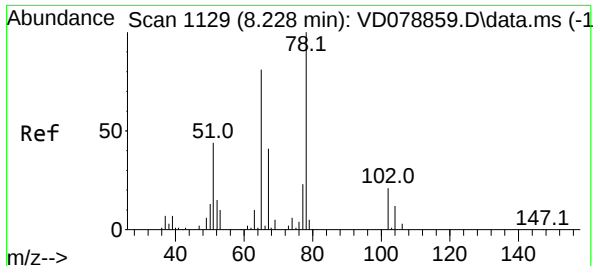
Tgt Ion:168 Resp: 99456
Ion Ratio Lower Upper
168 100
99 49.1 38.8 58.2



#20
Methylene Chloride
Concen: 14.502 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078878.D
Acq: 07 May 2024 14:16

Tgt Ion: 84 Resp: 23860
Ion Ratio Lower Upper
84 100
49 94.0 75.6 113.4
51 39.1 23.4 35.0#
86 70.4 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 52.343 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078878.D

Acq: 07 May 2024 14:16

Instrument :

MSVOA_D

ClientSampleId :

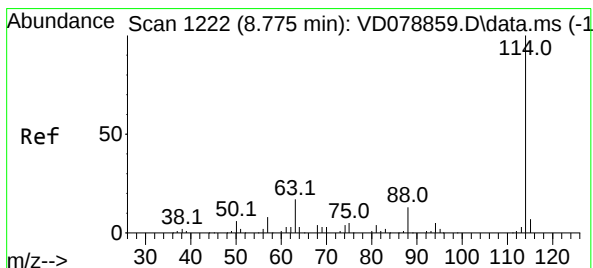
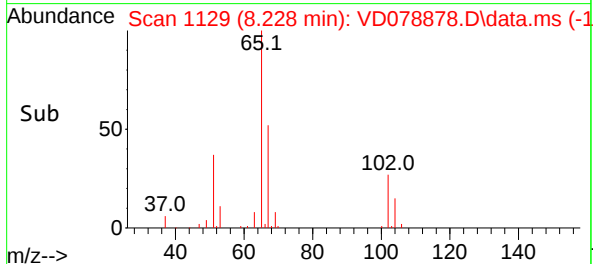
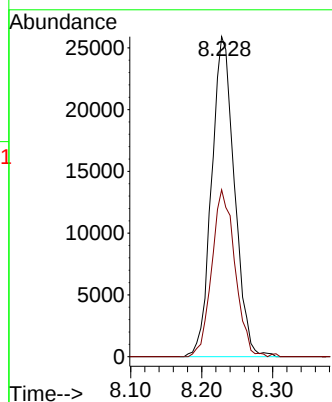
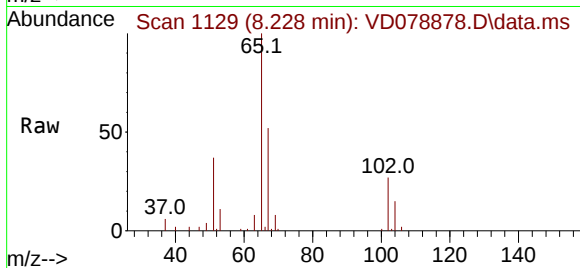
TOP-SOIL-1

Tgt Ion: 65 Resp: 57783

Ion Ratio Lower Upper

65 100

67 52.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078878.D

Acq: 07 May 2024 14:16

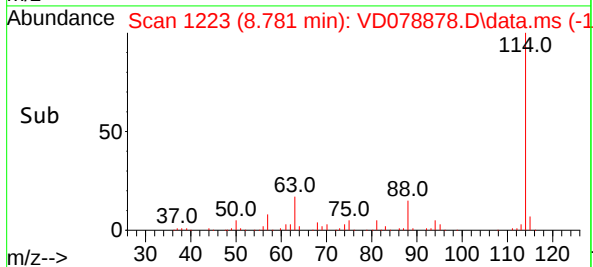
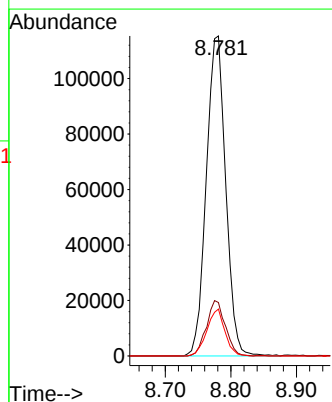
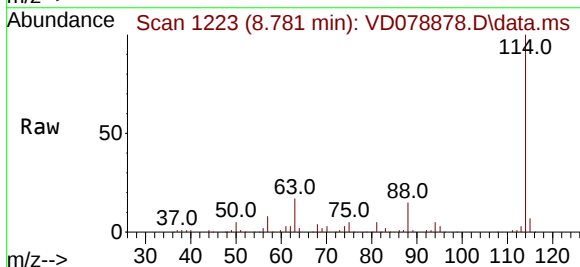
Tgt Ion: 114 Resp: 237470

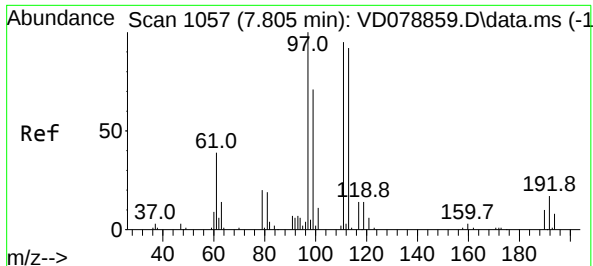
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 14.7 0.0 24.6





#35

Dibromofluoromethane

Concen: 46.911 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078878.D

Acq: 07 May 2024 14:16

Instrument :

MSVOA_D

ClientSampleId :

TOP-SOIL-1

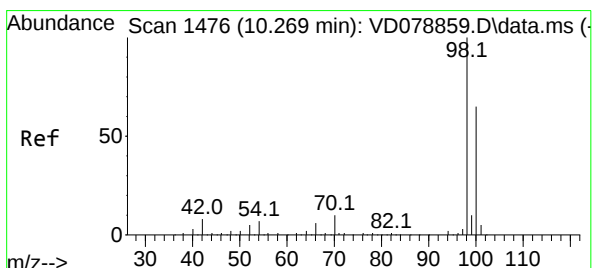
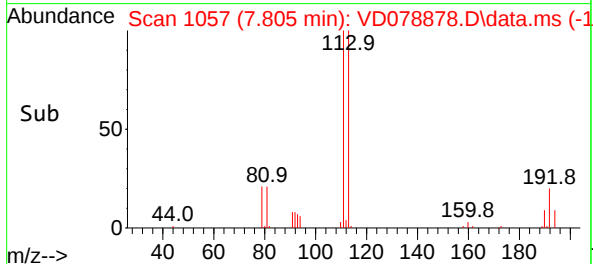
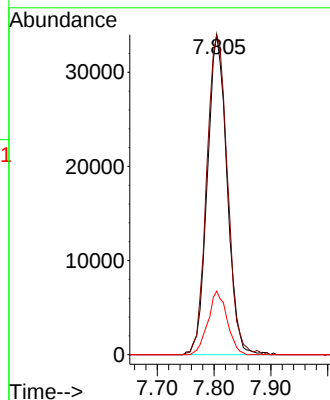
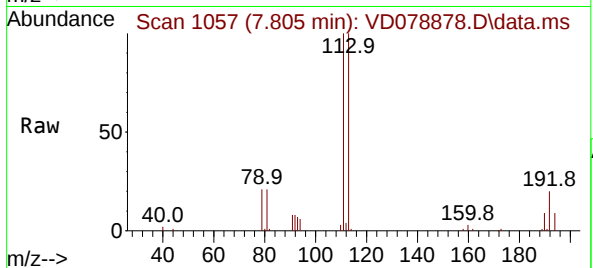
Tgt Ion:113 Resp: 81793

Ion Ratio Lower Upper

113 100

111 105.0 81.9 122.9

192 19.3 15.4 23.0



#50

Toluene-d8

Concen: 46.236 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078878.D

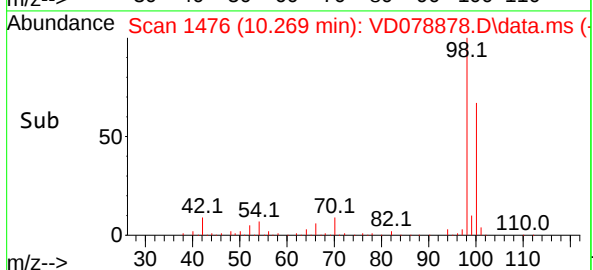
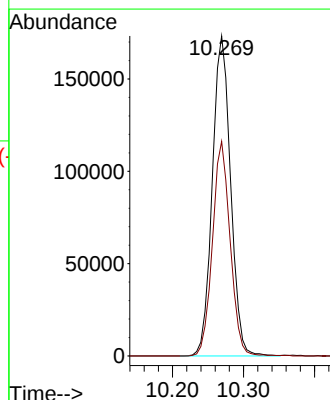
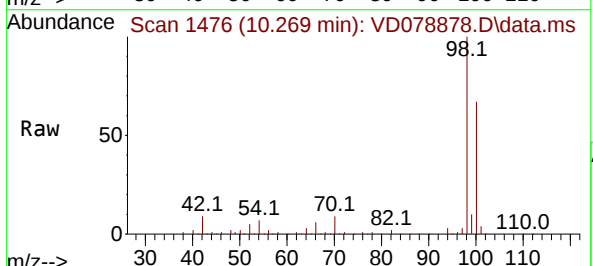
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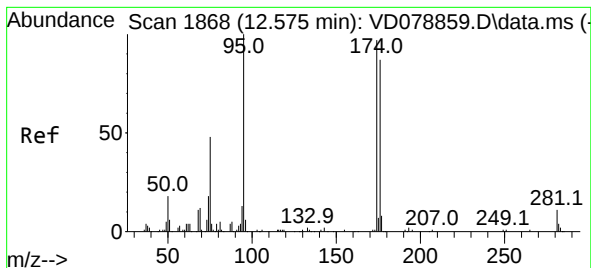
Tgt Ion: 98 Resp: 309379

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7

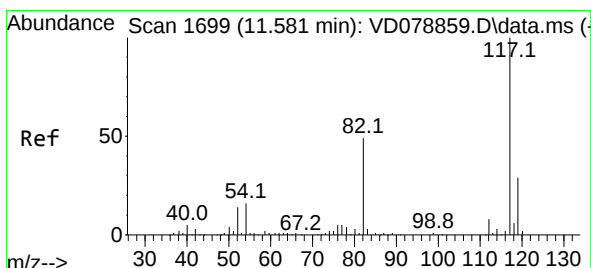
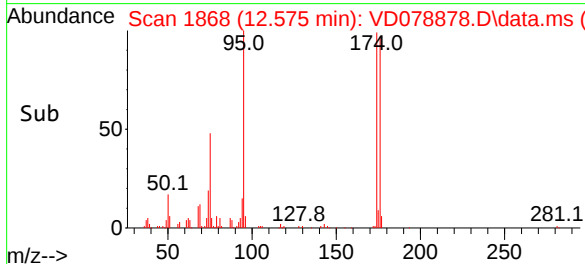
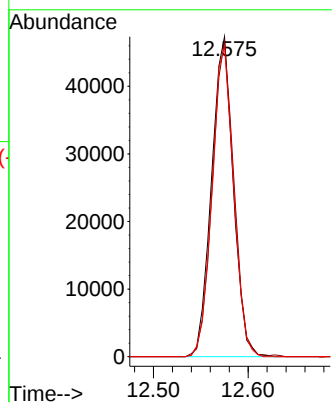
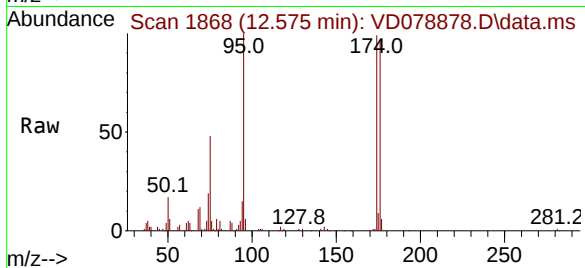




#62
4-Bromofluorobenzene
Concen: 39.363 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078878.D
Acq: 07 May 2024 14:16

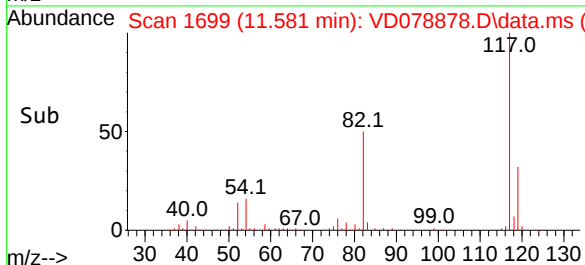
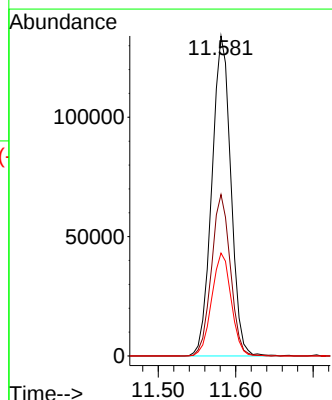
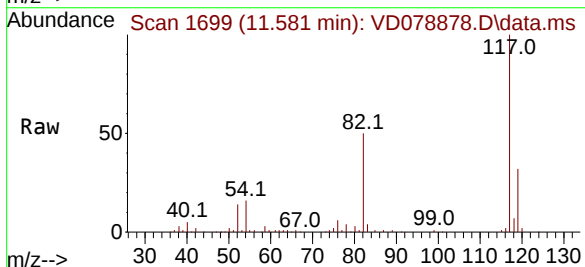
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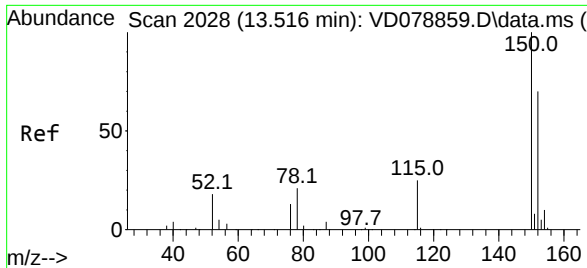
Tgt Ion: 95 Resp: 75381
Ion Ratio Lower Upper
95 100
174 98.3 0.0 195.2
176 95.8 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078878.D
Acq: 07 May 2024 14:16

Tgt Ion: 117 Resp: 228538
Ion Ratio Lower Upper
117 100
82 50.5 41.4 62.2
119 32.1 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: VD078878.D

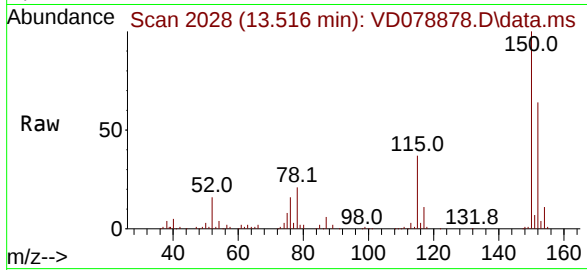
Acq: 07 May 2024 14:16

Instrument :

MSVOA_D

ClientSampleId :

TOP-SOIL-1



Tgt Ion:152 Resp: 93976

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.2

150 161.9 0.0 350.2

