

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079588.D
 Acq On : 05 Aug 2024 18:39
 Operator : RP/MD
 Sample : P3448-03
 Misc : 4.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Aug 06 02:48:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

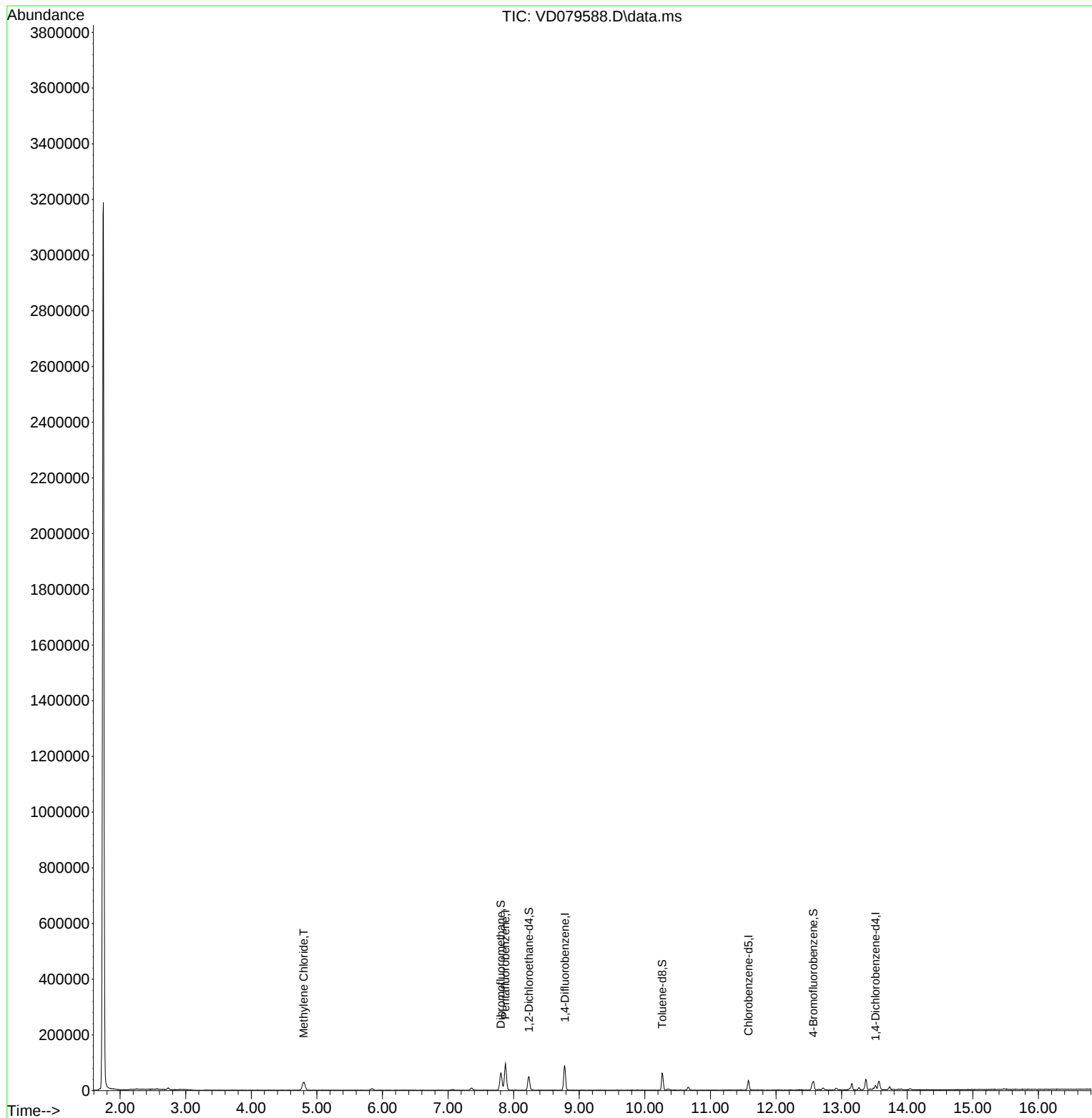
Internal Standards						
1) Pentafluorobenzene	7.875	168	71221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	79756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38619	53.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.760%	
35) Dibromofluoromethane	7.805	113	45611	84.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 168.980%#	
50) Toluene-d8	10.263	98	44355	21.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 42.320%#	
62) 4-Bromofluorobenzene	12.569	95	5147	8.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 16.960%#	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	22725	9.699	ug/l #	93

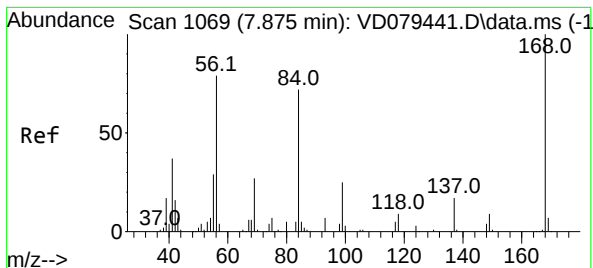
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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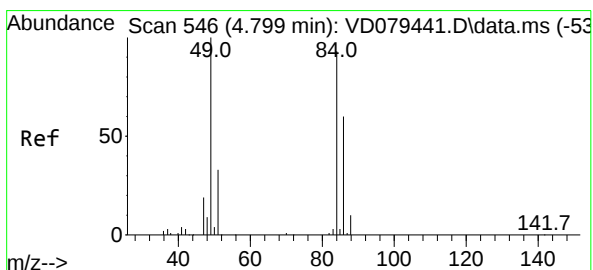
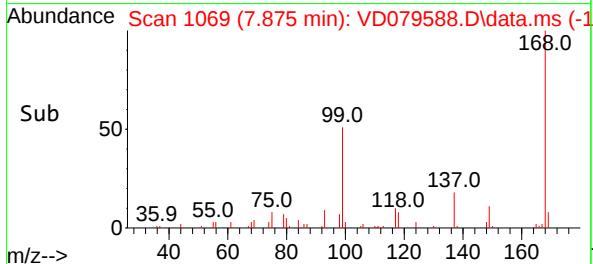
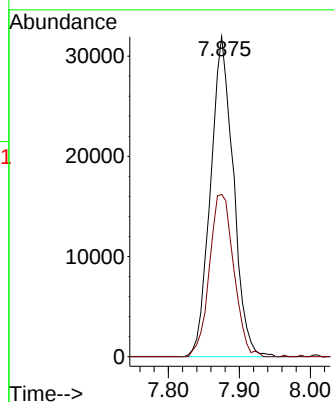
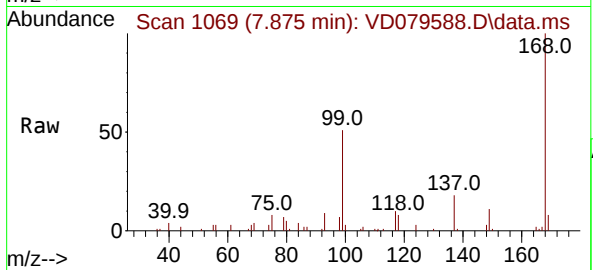




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

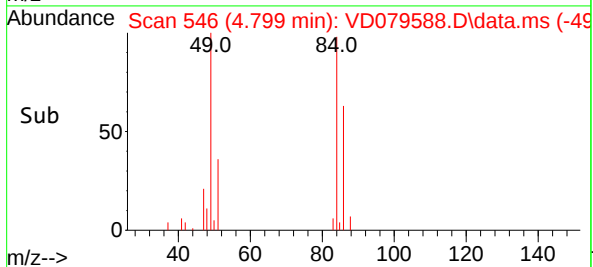
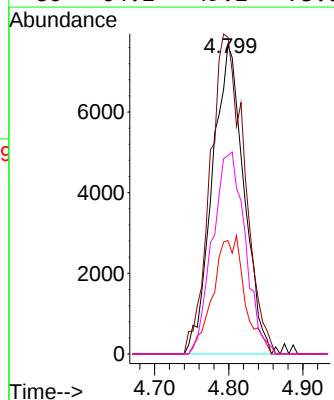
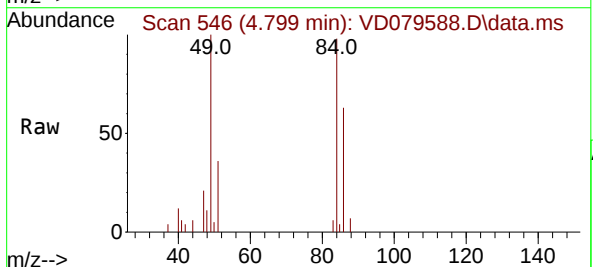
Instrument :
MSVOA_D
ClientSampleId :
TP2

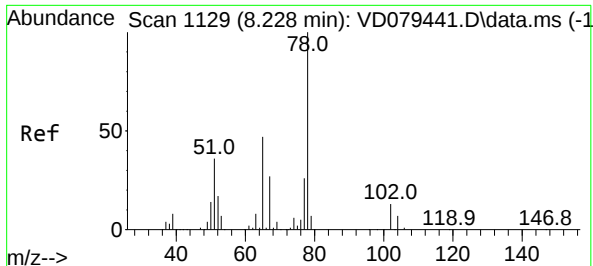
Tgt Ion:168 Resp: 71221
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7



#20
Methylene Chloride
Concen: 9.699 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Tgt Ion: 84 Resp: 22725
Ion Ratio Lower Upper
84 100
49 102.5 75.6 113.4
51 36.7 24.2 36.2#
86 64.2 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 53.375 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079588.D

Acq: 05 Aug 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

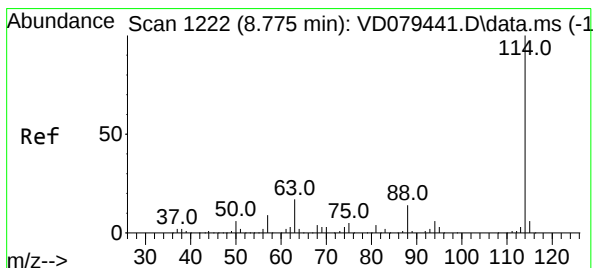
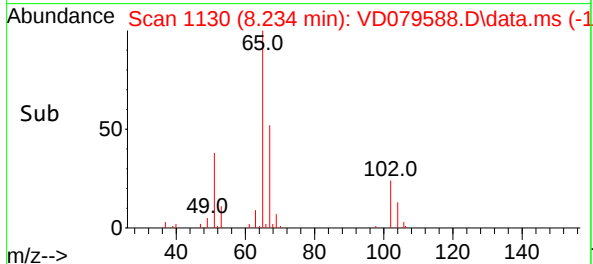
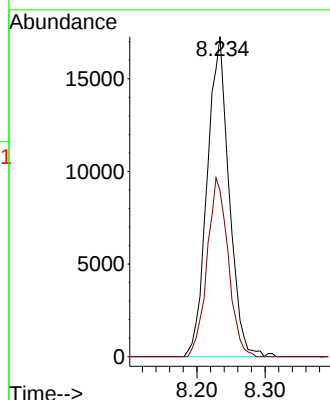
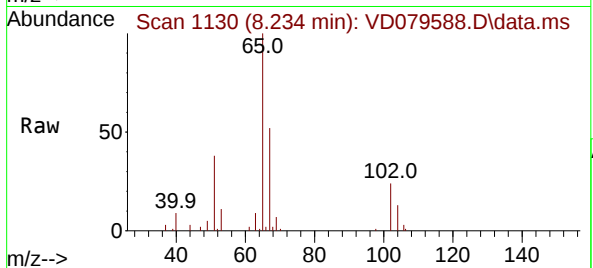
TP2

Tgt Ion: 65 Resp: 38619

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079588.D

Acq: 05 Aug 2024 18:39

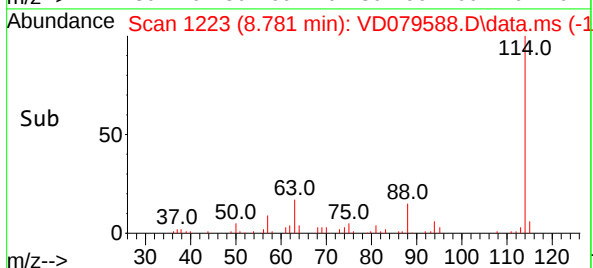
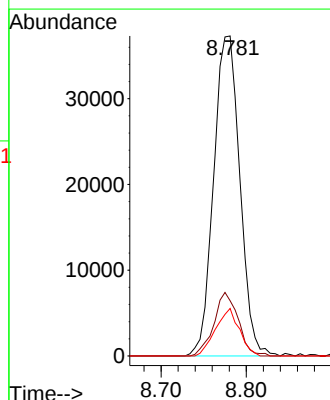
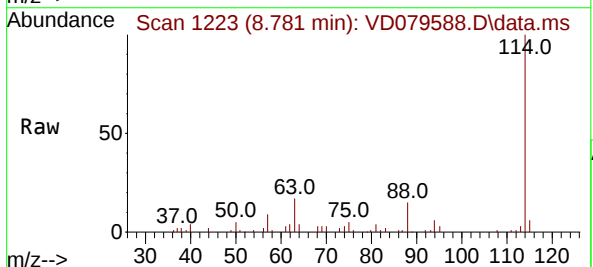
Tgt Ion: 114 Resp: 79756

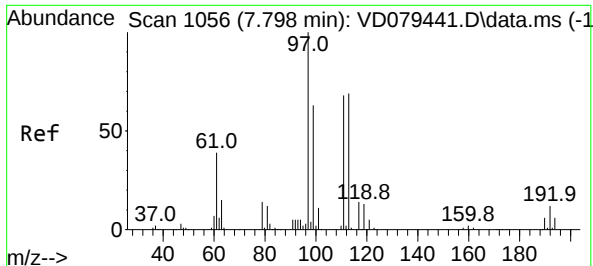
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 84.492 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079588.D

Acq: 05 Aug 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

TP2

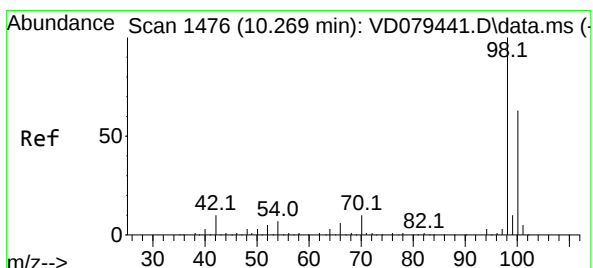
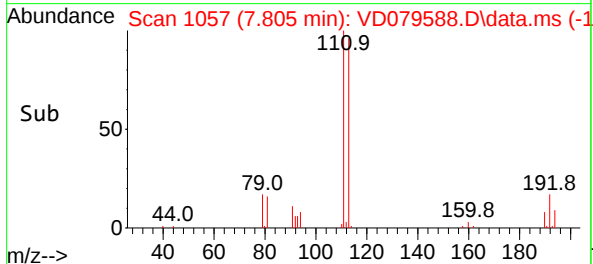
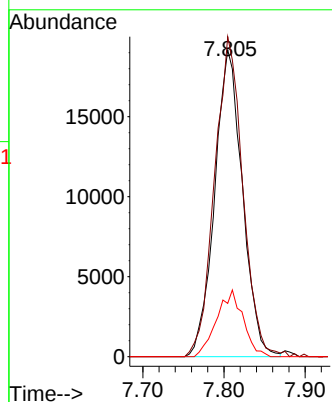
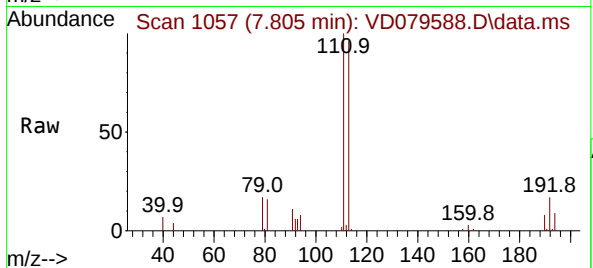
Tgt Ion:113 Resp: 45611

Ion Ratio Lower Upper

113 100

111 106.1 84.0 126.0

192 20.7 15.4 23.0



#50

Toluene-d8

Concen: 21.158 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD079588.D

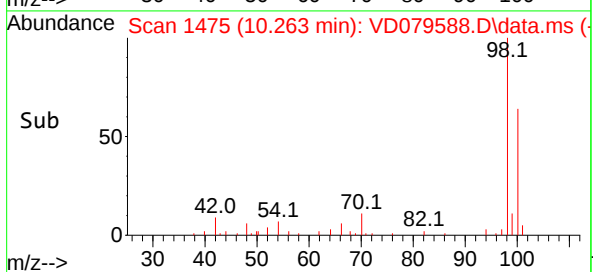
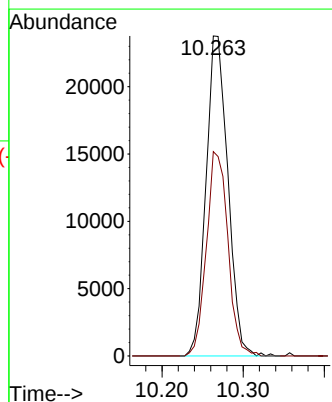
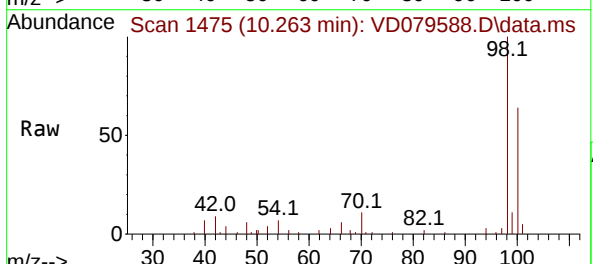
Acq: 05 Aug 2024 18:39

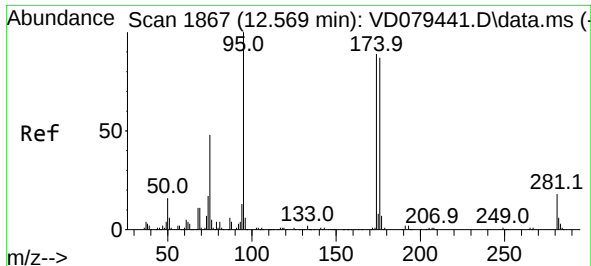
Tgt Ion: 98 Resp: 44355

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

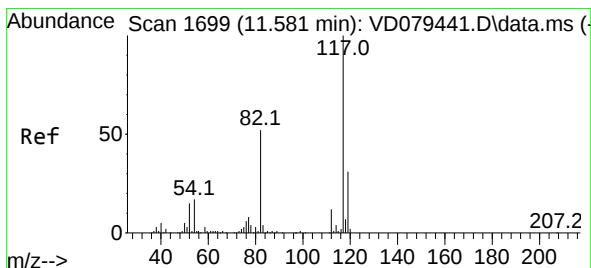
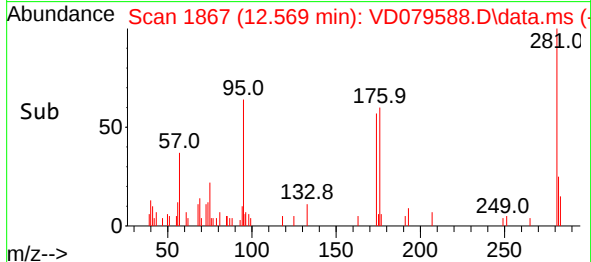
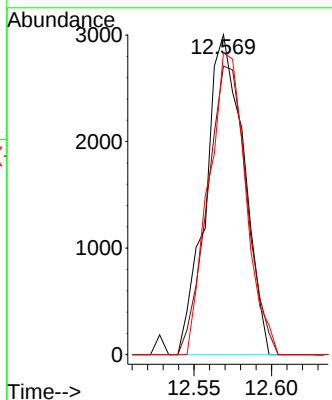
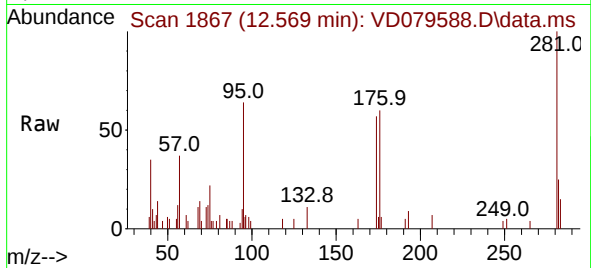




#62
4-Bromofluorobenzene
Concen: 8.484 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

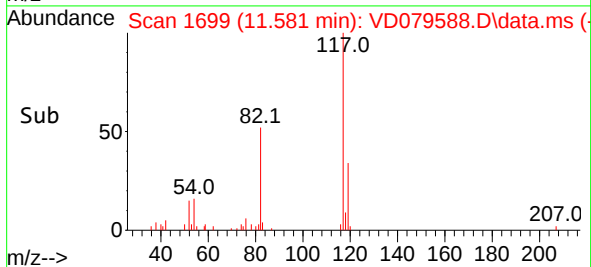
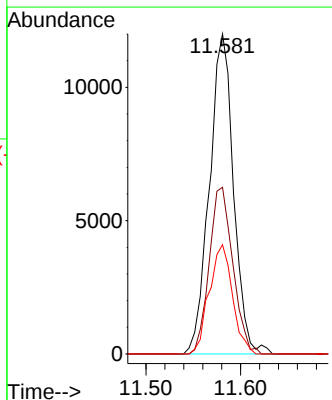
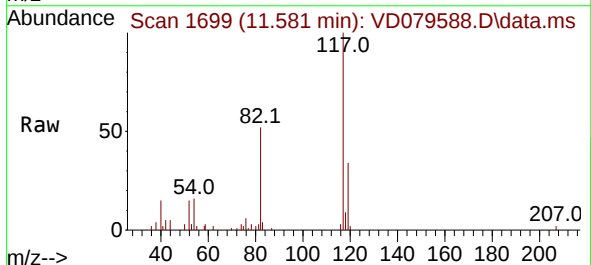
Instrument :
MSVOA_D
ClientSampleId :
TP2

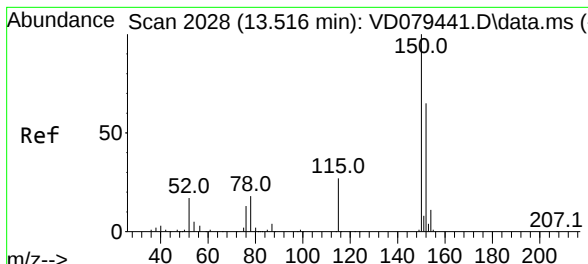
Tgt Ion:	95	Resp:	5147
Ion Ratio	Lower	Upper	
95	100		
174	92.7	0.0	195.4
176	91.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Tgt Ion:	117	Resp:	21273
Ion Ratio	Lower	Upper	
117	100		
82	52.1	39.8	59.6
119	34.1	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079588.D
 Acq: 05 Aug 2024 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Tgt Ion:	152	Resp:	4219
Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.5	79.5
150	143.7	0.0	341.6

