

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079353.D
 Acq On : 08 Jul 2024 20:52
 Operator : RP/MD
 Sample : P3167-15
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-840-842

Quant Time: Jul 09 04:59:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

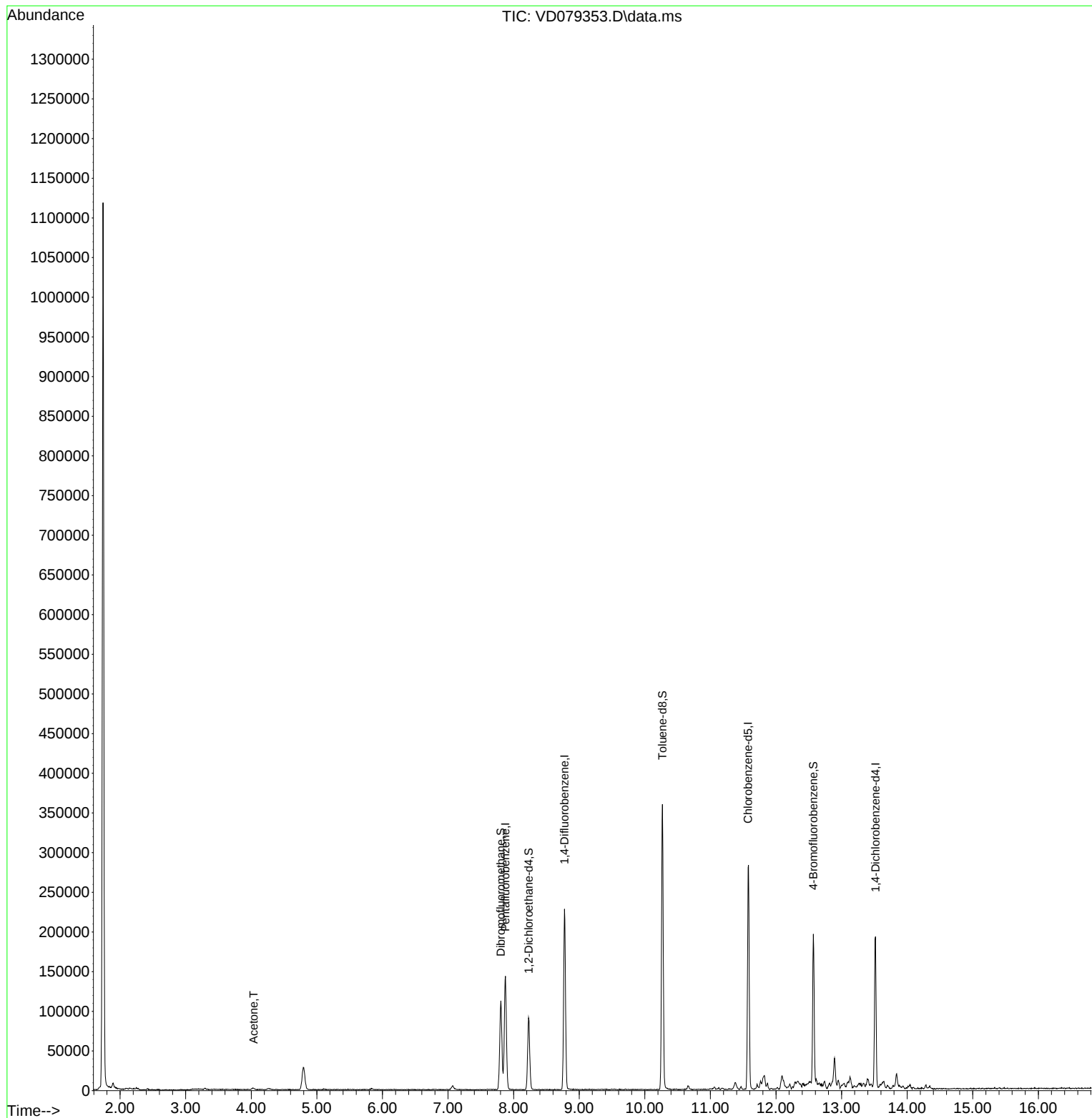
Internal Standards						
1) Pentafluorobenzene	7.875	168	102031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	202836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	174960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69294	57.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.805	113	81741	57.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.240%
50) Toluene-d8	10.269	98	261170	47.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.569	95	63956	37.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.600%
Target Compounds						
16) Acetone	4.034	43	3325	14.540	ug/l	Qvalue 99

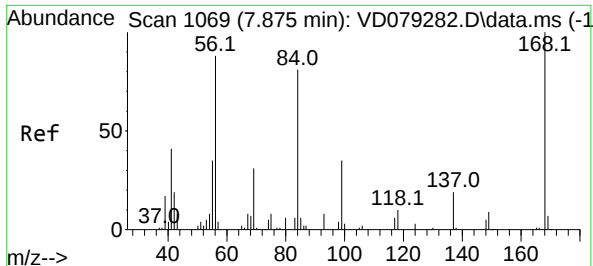
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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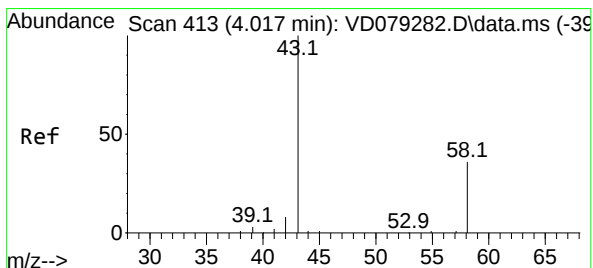
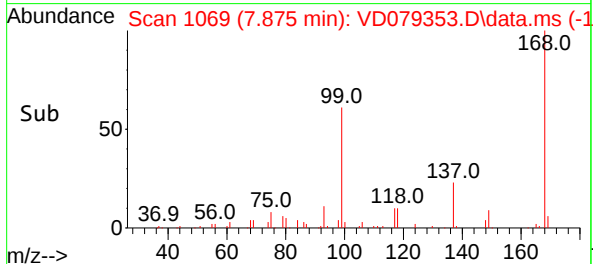
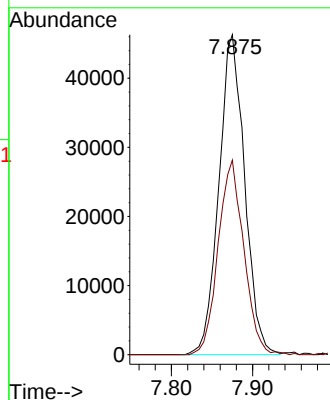
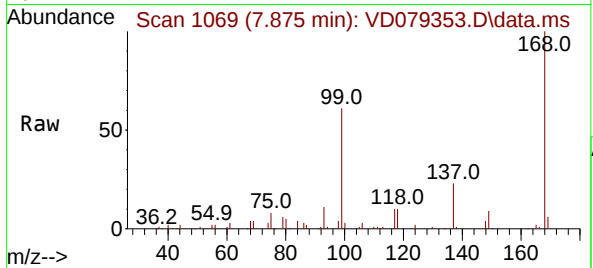




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

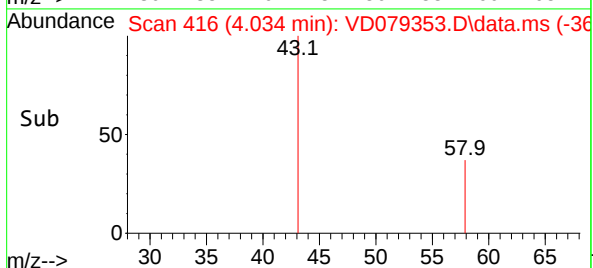
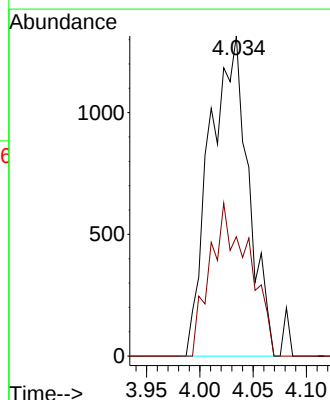
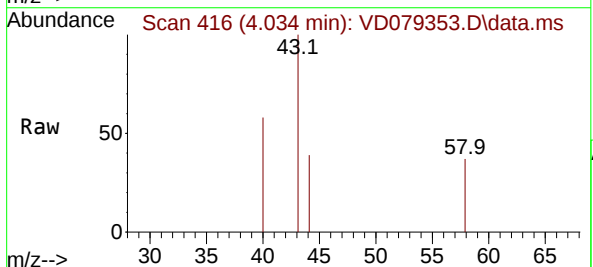
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842

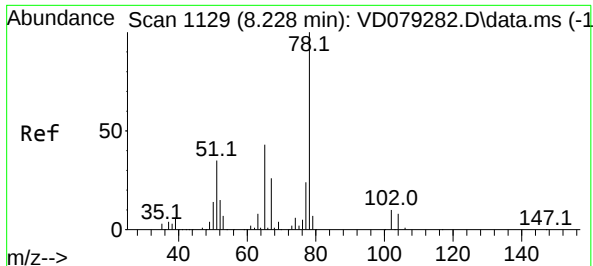
Tgt Ion:168 Resp: 102031
Ion Ratio Lower Upper
168 100
99 60.8 41.1 61.7



#16
Acetone
Concen: 14.540 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Tgt Ion: 43 Resp: 3325
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6





#33

1,2-Dichloroethane-d4

Concen: 57.631 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

Instrument :

MSVOA_D

ClientSampleId :

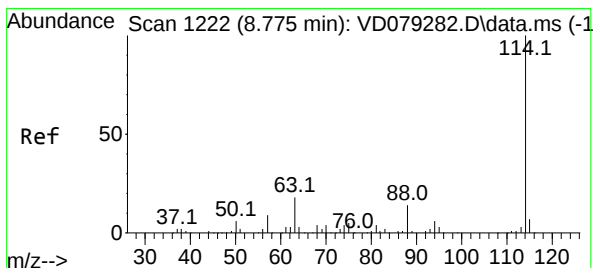
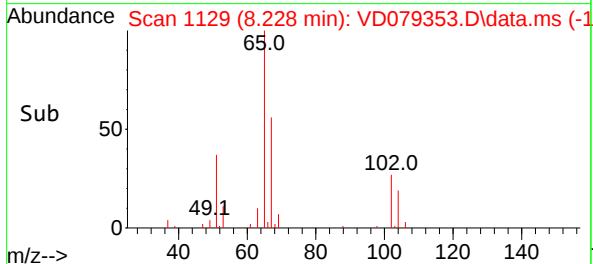
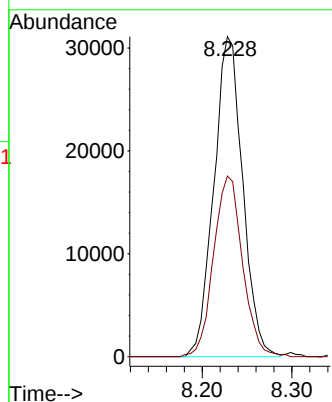
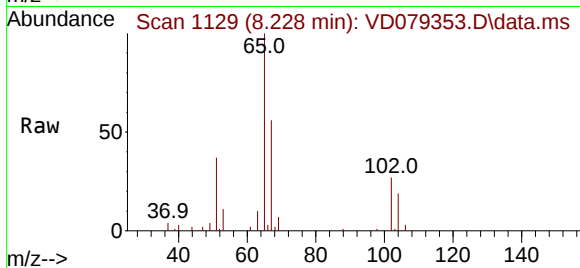
BP-VPB-196-GW-840-842

Tgt Ion: 65 Resp: 69294

Ion Ratio Lower Upper

65 100

67 56.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

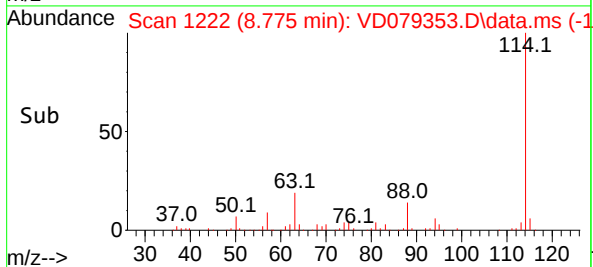
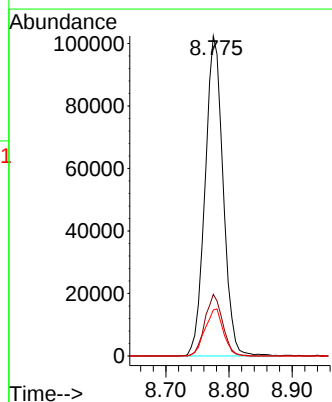
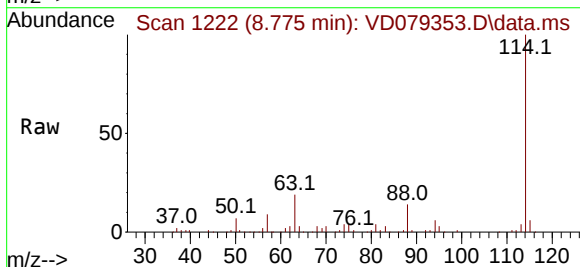
Tgt Ion: 114 Resp: 202836

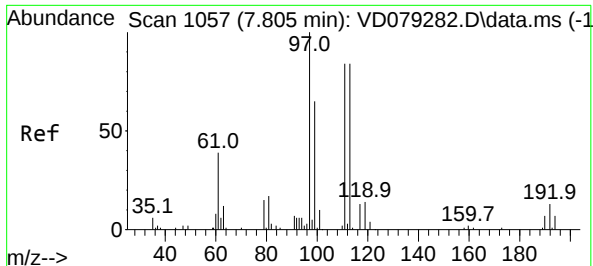
Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 57.123 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-840-842

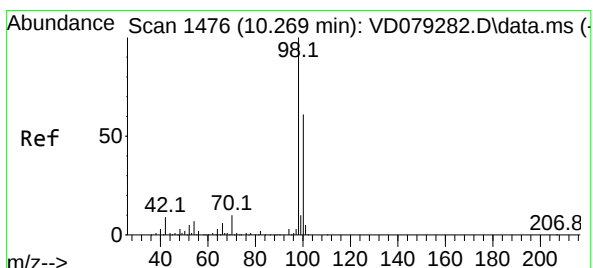
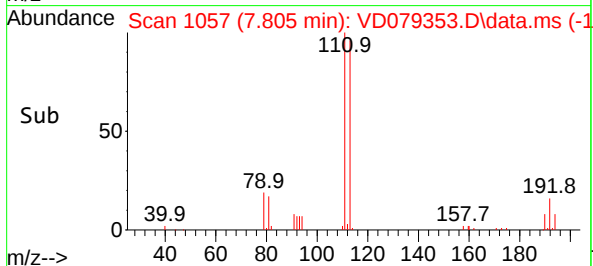
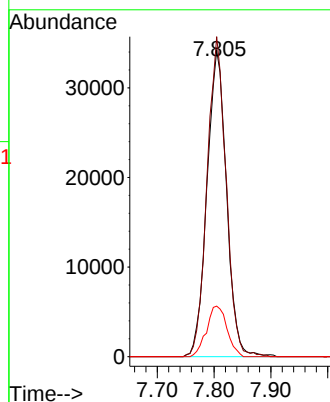
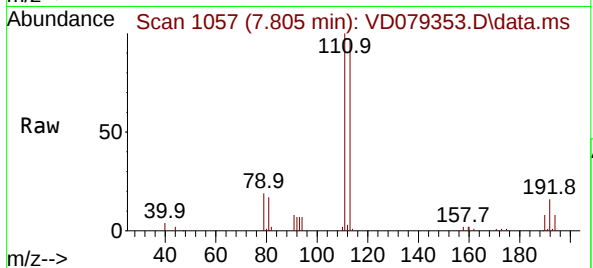
Tgt Ion:113 Resp: 81741

Ion Ratio Lower Upper

113 100

111 101.3 84.0 126.0

192 17.3 15.4 23.0



#50

Toluene-d8

Concen: 47.347 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079353.D

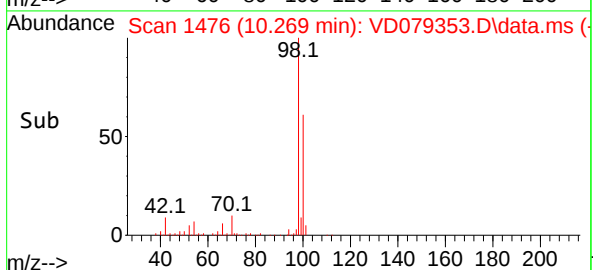
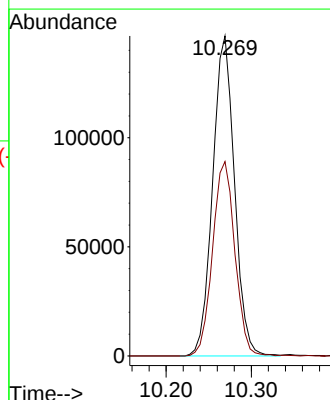
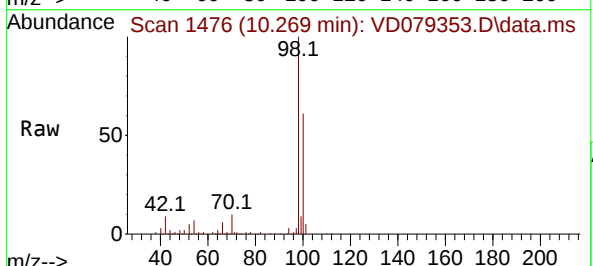
Acq: 08 Jul 2024 20:52

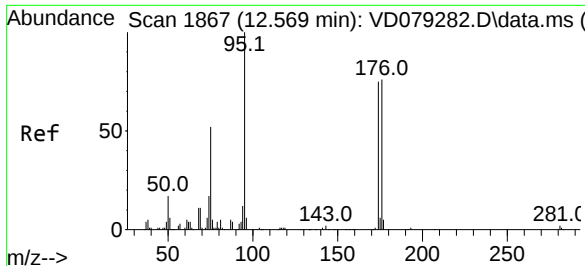
Tgt Ion: 98 Resp: 261170

Ion Ratio Lower Upper

98 100

100 62.1 51.6 77.4

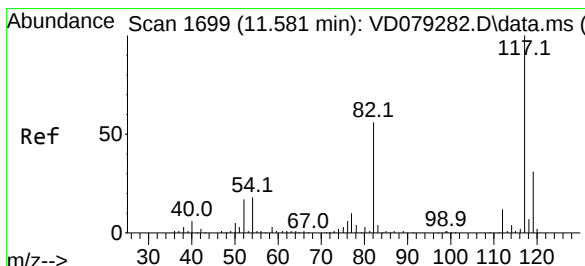
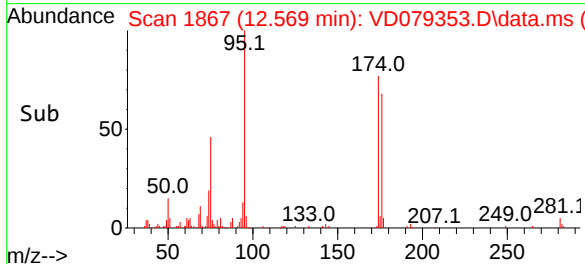
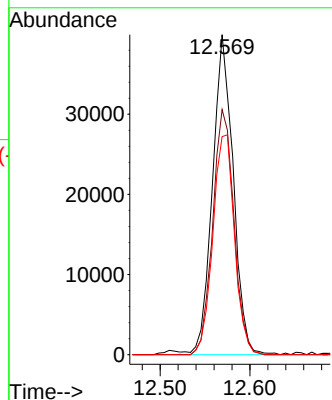
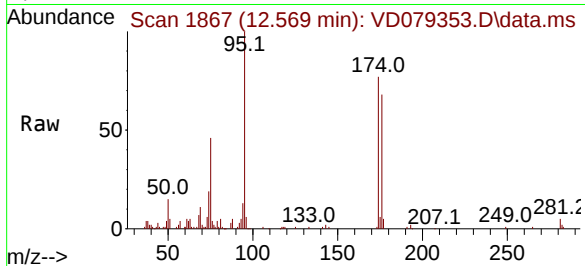




#62
4-Bromofluorobenzene
Concen: 37.304 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

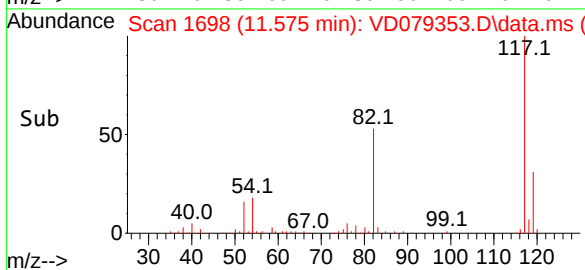
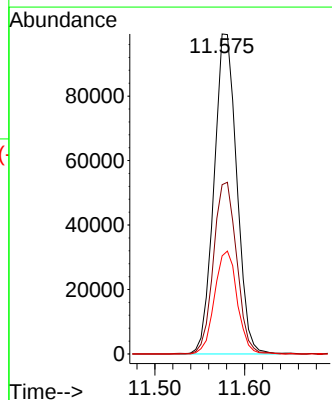
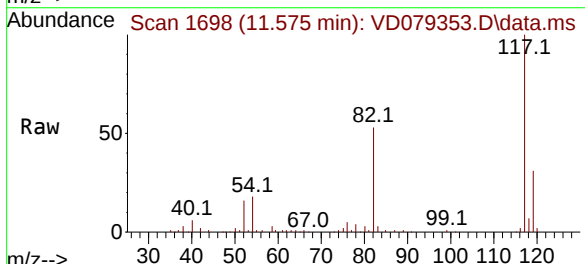
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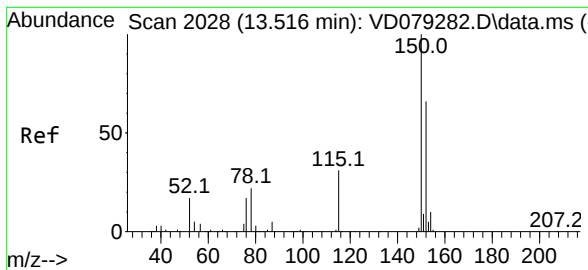
Tgt Ion:	95	Resp:	63956
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	195.4
176	71.9	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

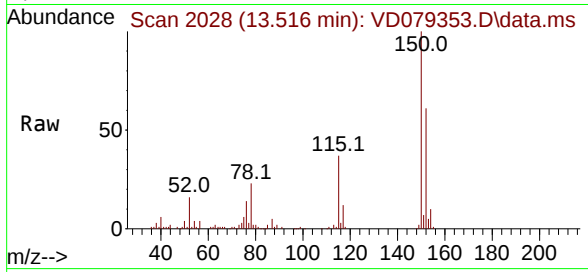
Tgt Ion:	117	Resp:	174960
Ion	Ratio	Lower	Upper
117	100		
82	52.7	39.8	59.6
119	30.7	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079353.D
 Acq: 08 Jul 2024 20:52

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-840-842



Tgt Ion:	152	Resp:	52269
Ion Ratio	Lower	Upper	
152	100		
115	63.3	26.5	79.5
150	158.6	0.0	341.6

