

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079454.D
 Acq On : 30 Jul 2024 13:08
 Operator : RP/MD
 Sample : P3362-03RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978RE

Quant Time: Jul 30 15:42:03 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)

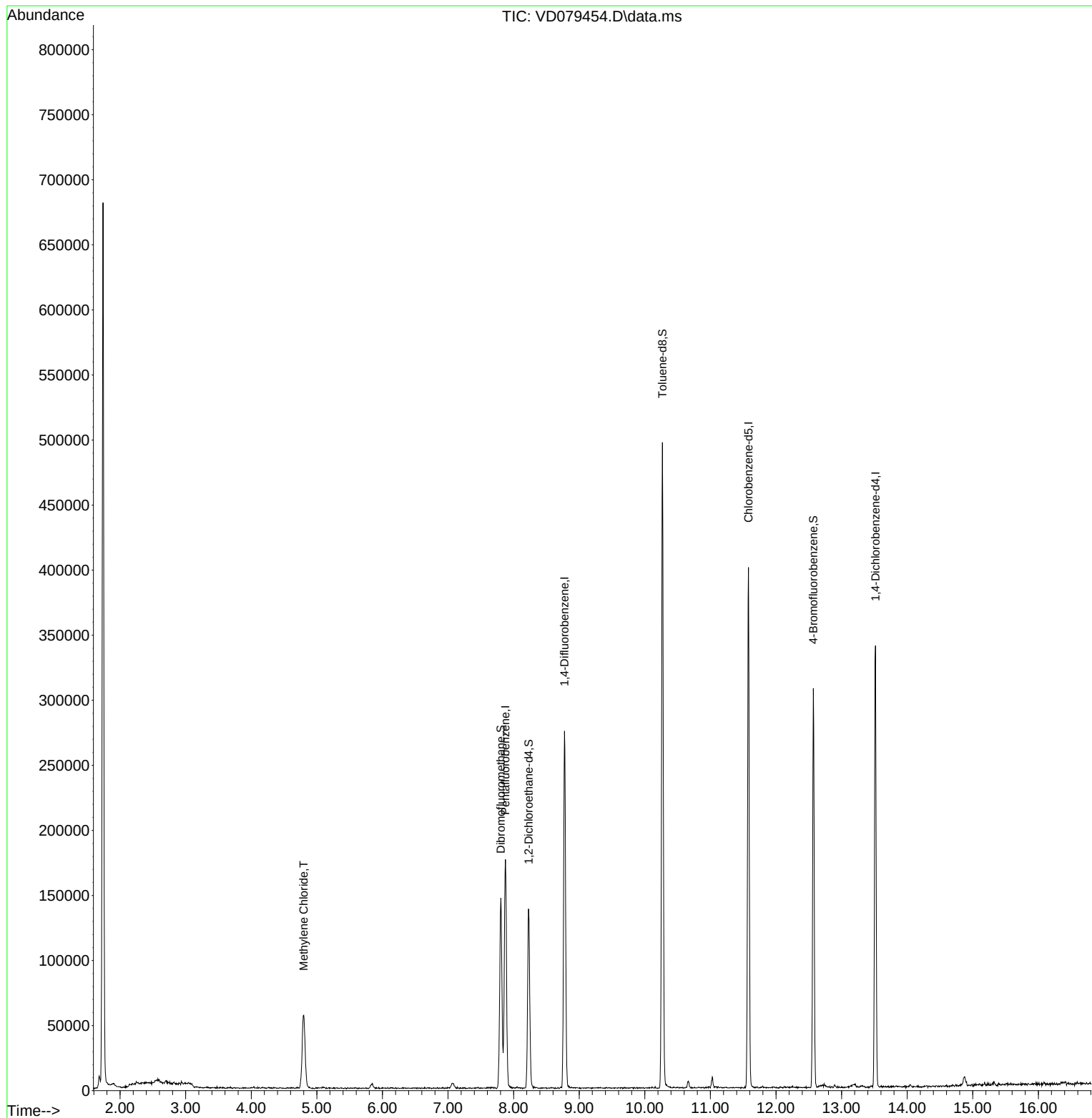
Internal Standards						
1) Pentafluorobenzene	7.875	168	146039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	257963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105059	70.813	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	141.620%	
35) Dibromofluoromethane	7.805	113	106814	61.176	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	122.360%	
50) Toluene-d8	10.269	98	351421	51.829	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	103.660%	
62) 4-Bromofluorobenzene	12.569	95	93339	47.571	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	95.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	46261	9.443	ug/l	89

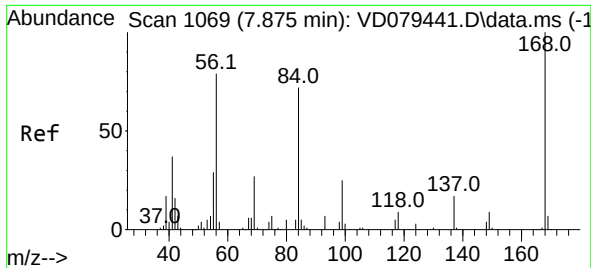
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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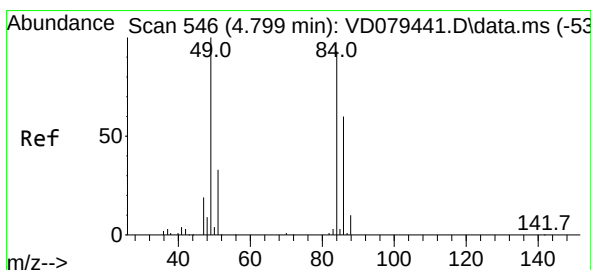
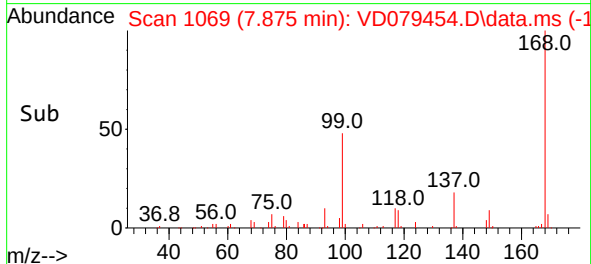
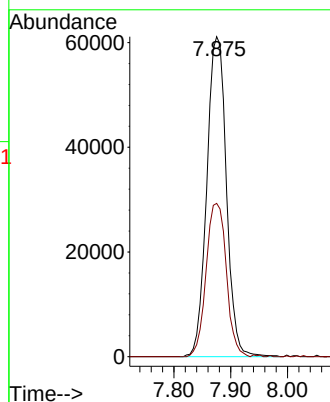
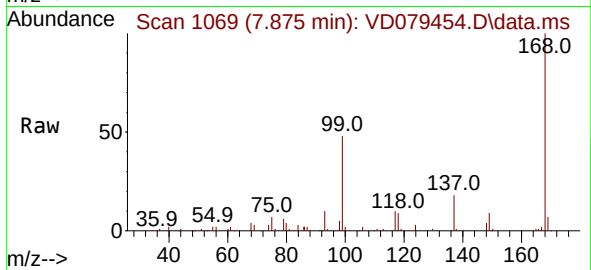




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

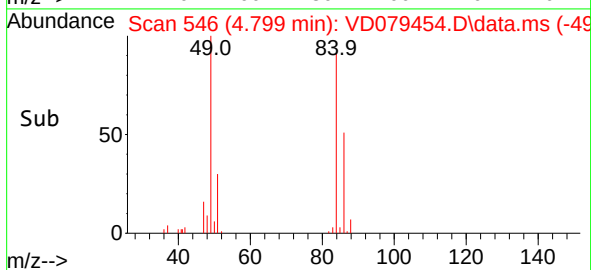
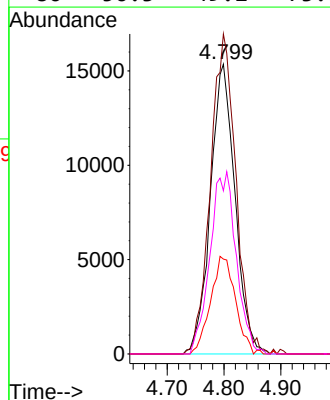
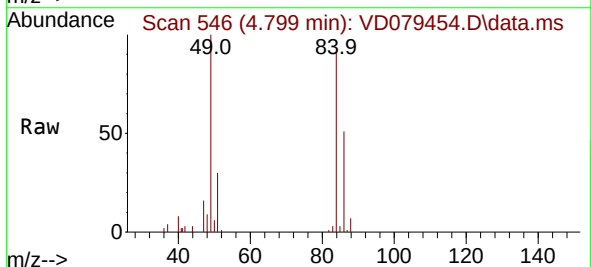
Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

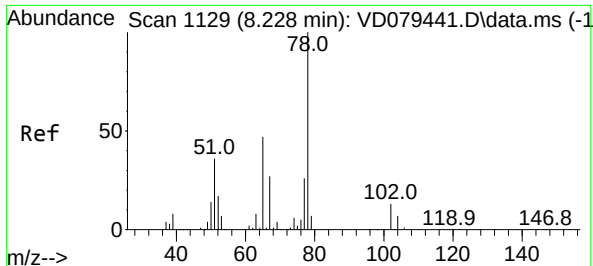
Tgt Ion:168 Resp: 146039
Ion Ratio Lower Upper
168 100
99 47.9 41.1 61.7



#20
Methylene Chloride
Concen: 9.443 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 84 Resp: 46261
Ion Ratio Lower Upper
84 100
49 110.4 75.6 113.4
51 32.7 24.2 36.2
86 56.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 70.813 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079454.D

Acq: 30 Jul 2024 13:08

Instrument :

MSVOA_D

ClientSampleId :

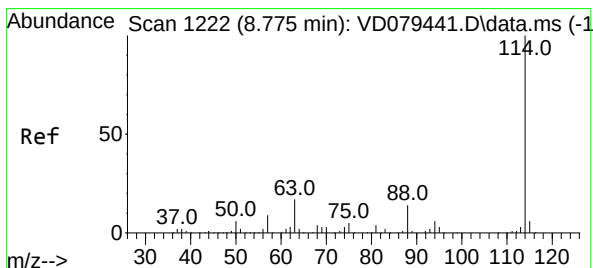
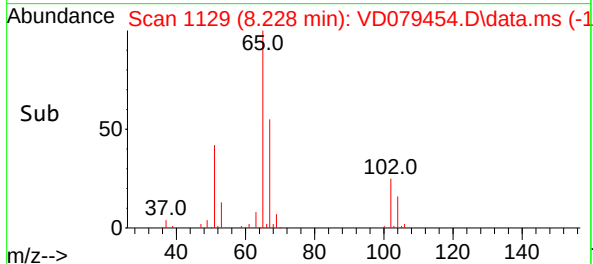
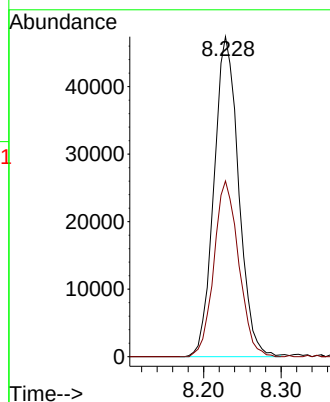
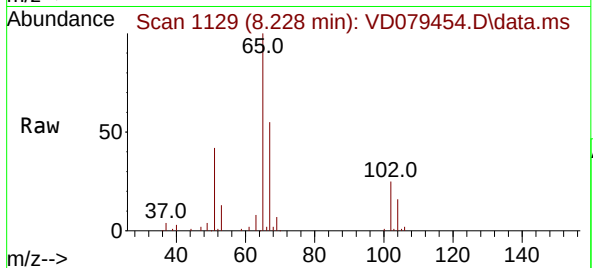
72-11978RE

Tgt Ion: 65 Resp: 105059

Ion Ratio Lower Upper

65 100

67 55.1 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: VD079454.D

Acq: 30 Jul 2024 13:08

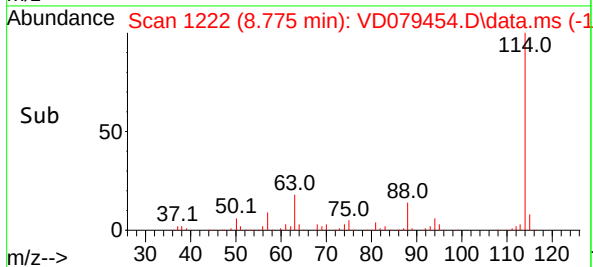
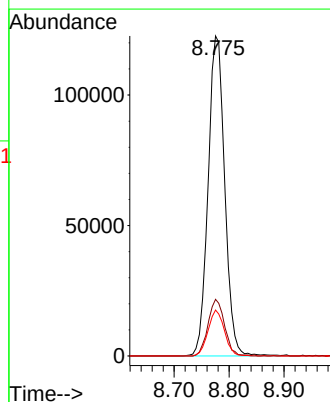
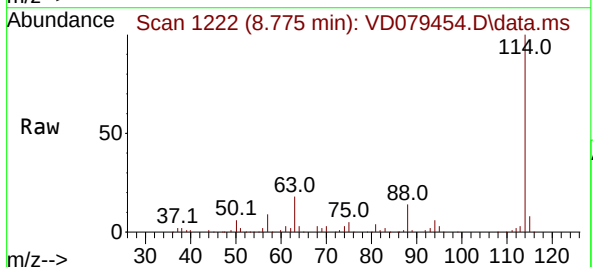
Tgt Ion: 114 Resp: 257963

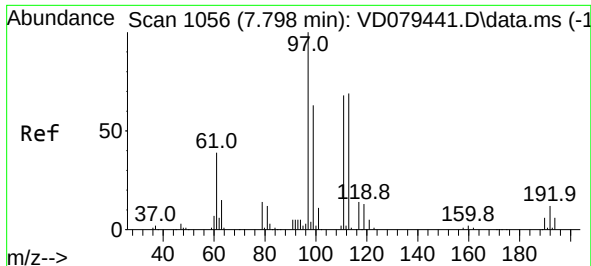
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.176 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079454.D

Acq: 30 Jul 2024 13:08

Instrument :

MSVOA_D

ClientSampleId :

72-11978RE

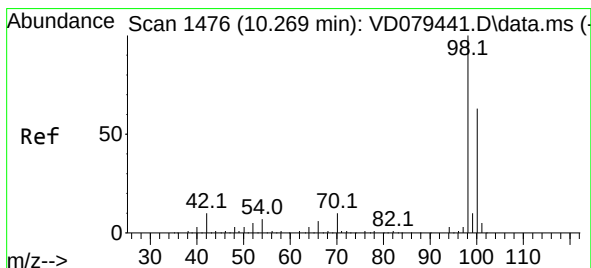
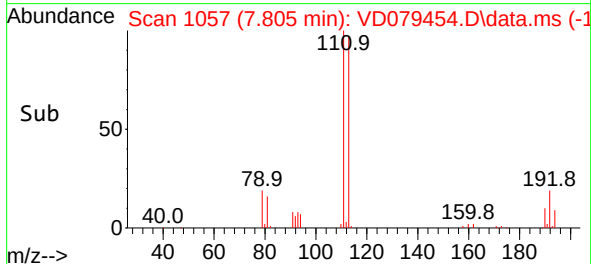
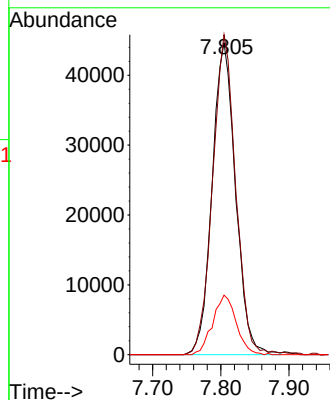
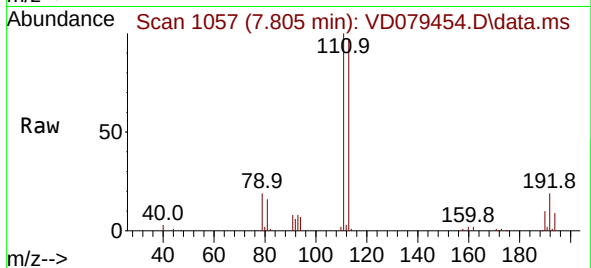
Tgt Ion:113 Resp: 106814

Ion Ratio Lower Upper

113 100

111 101.3 84.0 126.0

192 19.2 15.4 23.0



#50

Toluene-d8

Concen: 51.829 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079454.D

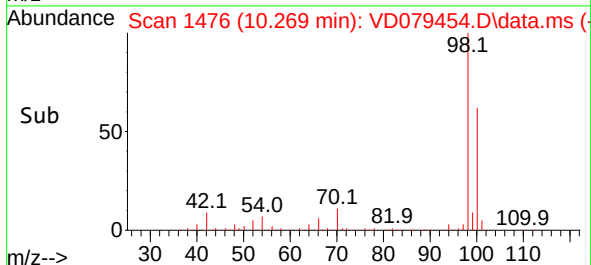
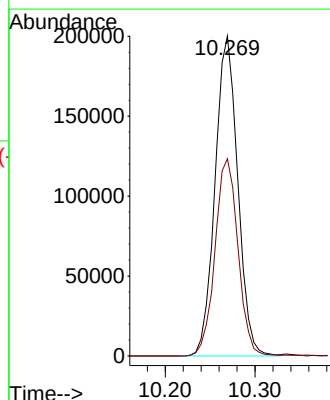
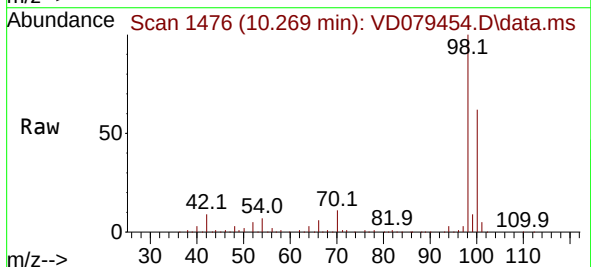
Acq: 30 Jul 2024 13:08

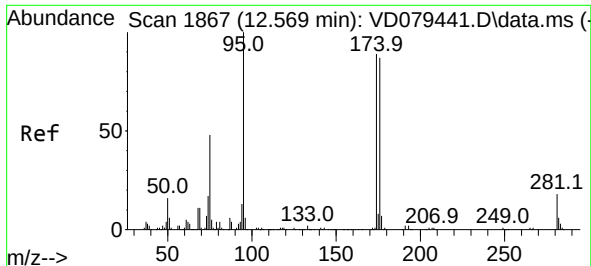
Tgt Ion: 98 Resp: 351421

Ion Ratio Lower Upper

98 100

100 62.5 51.6 77.4

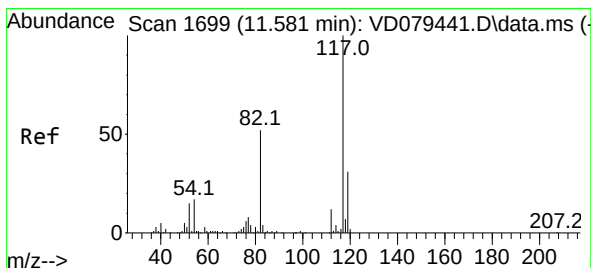
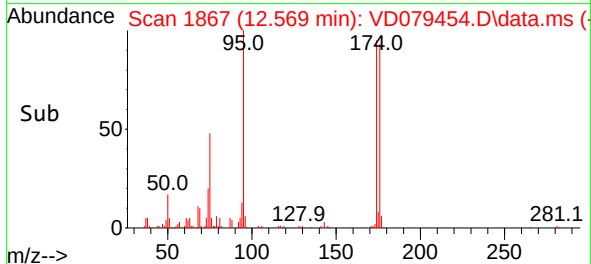
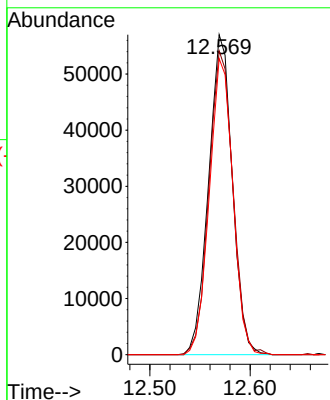
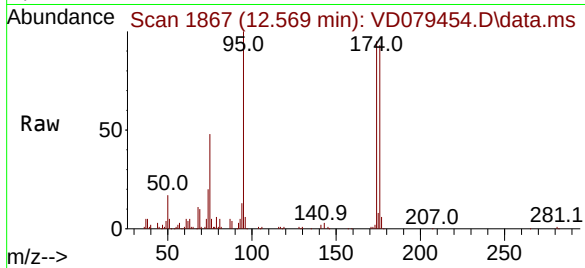




#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

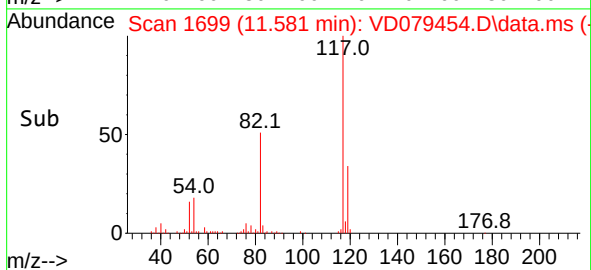
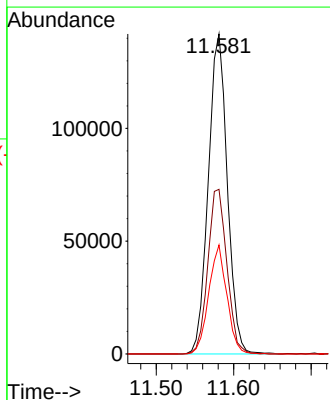
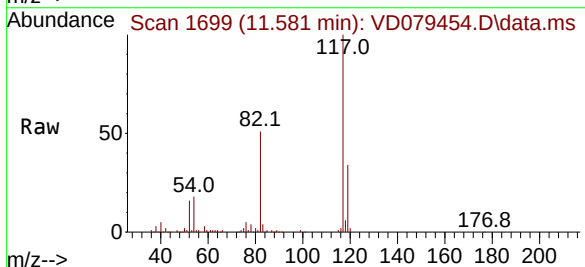
Instrument :
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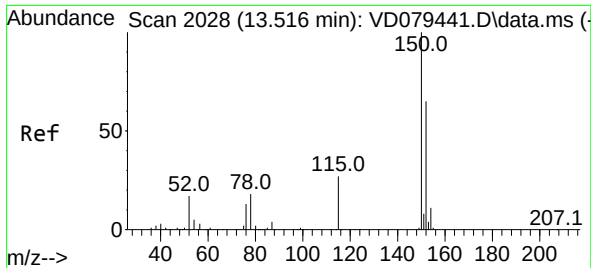
Tgt Ion:	95	Resp:	93339
Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	195.4
176	91.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion:	117	Resp:	241793
Ion	Ratio	Lower	Upper
117	100		
82	51.4	39.8	59.6
119	34.0	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: VD079454.D

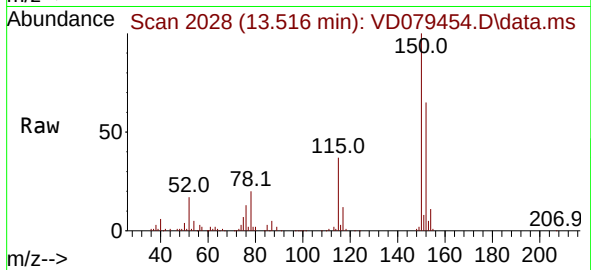
Acq: 30 Jul 2024 13:08

Instrument :

MSVOA_D

ClientSampleId :

72-11978RE



Tgt Ion:152 Resp: 101031

Ion Ratio Lower Upper

152 100

115 53.5 26.5 79.5

150 153.0 0.0 341.6

