

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079417.D
 Acq On : 26 Jul 2024 19:32
 Operator : RP/MD
 Sample : P3367-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-07252024

Quant Time: Jul 27 03:37:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40299	40.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.780%
35) Dibromofluoromethane	7.804	113	60317	52.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.269	98	186707	41.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.780%
62) 4-Bromofluorobenzene	12.569	95	50327	36.314	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.620%

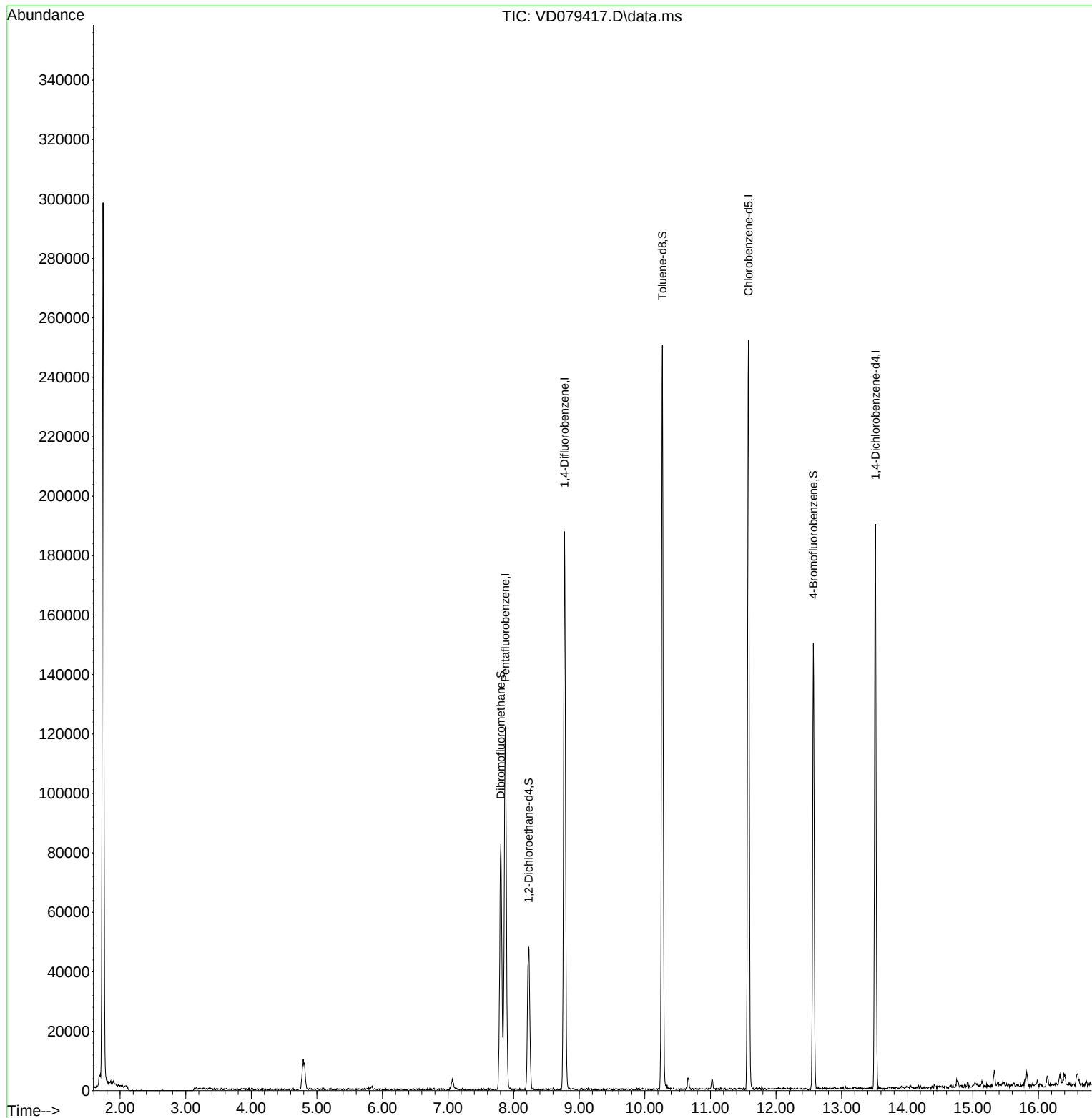
Target Compounds	Qvalue

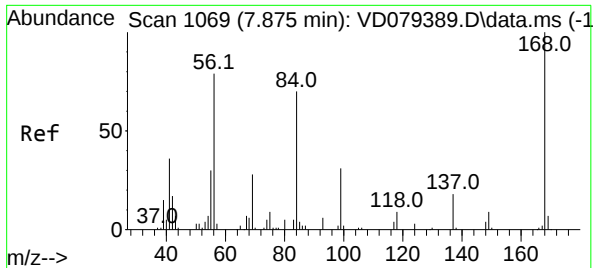
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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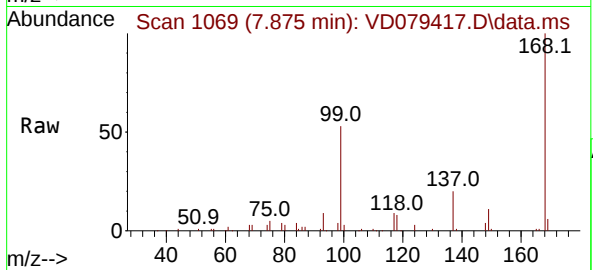
Quant Time: Jul 27 03:37:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
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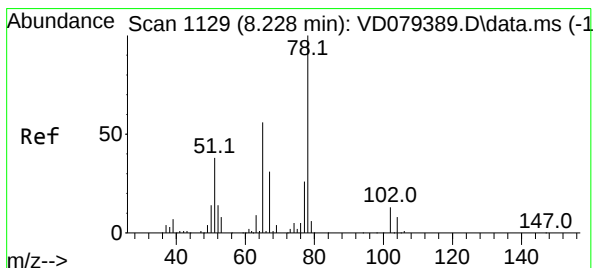
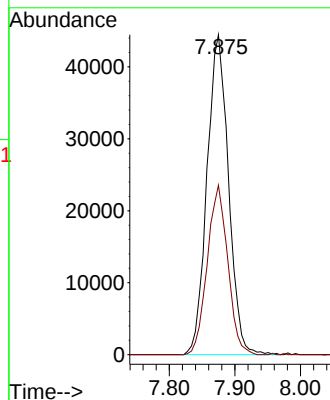
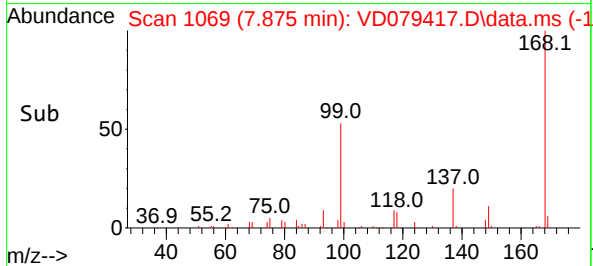


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079417.D
Acq: 26 Jul 2024 19:32

Instrument :
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ClientSampleId :
TR-06-07252024

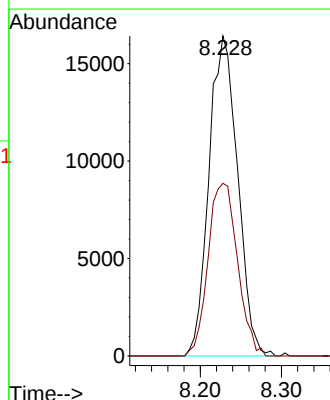
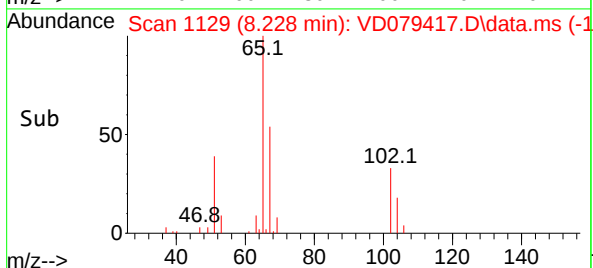
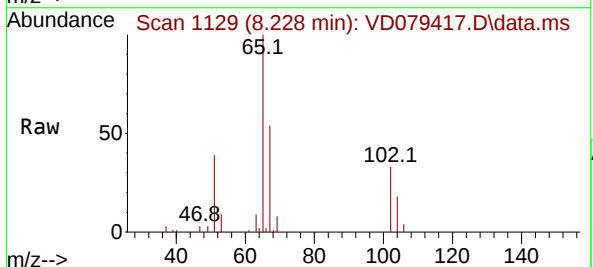


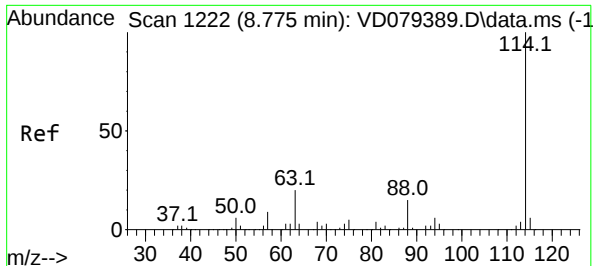
Tgt Ion:168 Resp: 101216
Ion Ratio Lower Upper
168 100
99 52.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 40.887 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079417.D
Acq: 26 Jul 2024 19:32

Tgt Ion: 65 Resp: 40299
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079417.D

Acq: 26 Jul 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :

TR-06-07252024

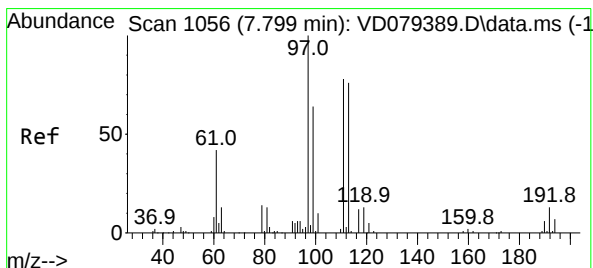
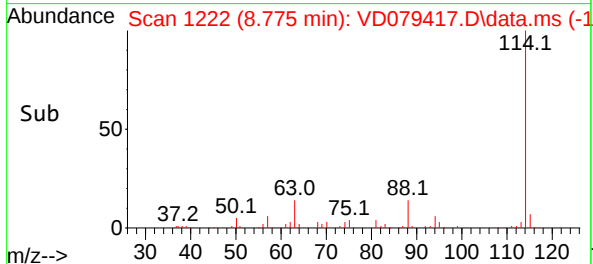
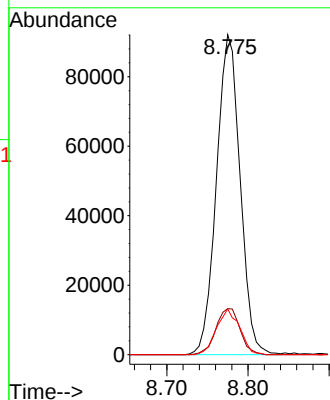
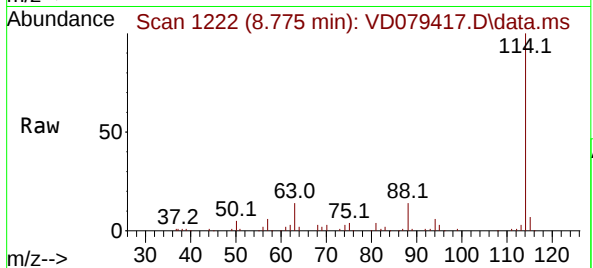
Tgt Ion:114 Resp: 186713

Ion Ratio Lower Upper

114 100

63 14.4 0.0 34.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.779 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079417.D

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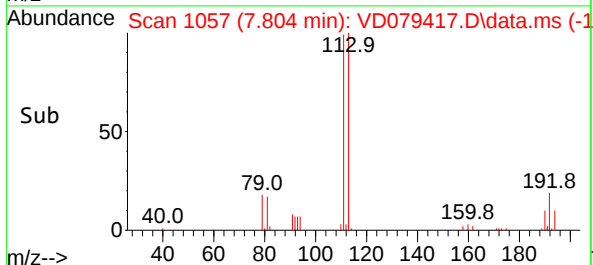
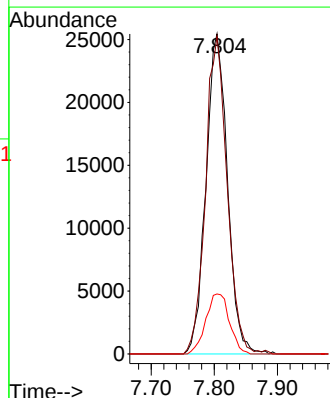
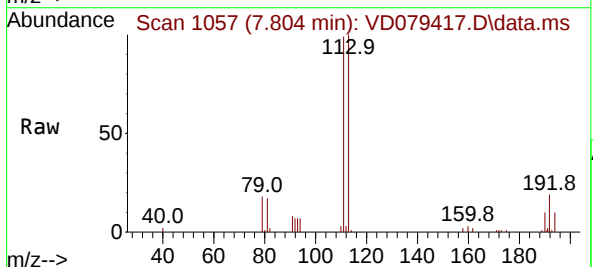
Tgt Ion:113 Resp: 60317

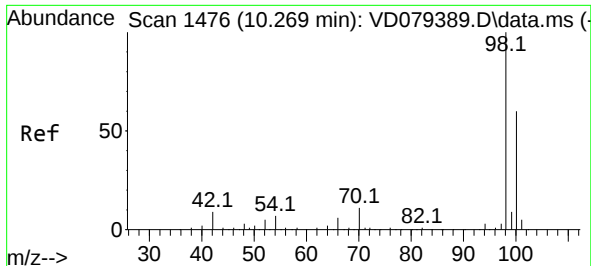
Ion Ratio Lower Upper

113 100

111 99.4 84.0 126.0

192 20.5 15.4 23.0

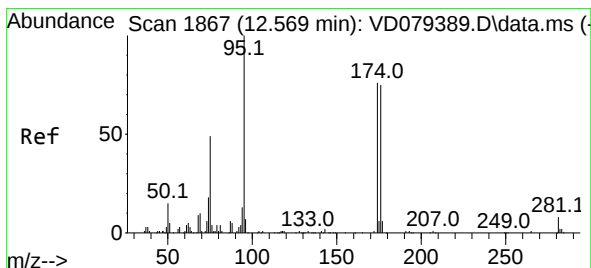
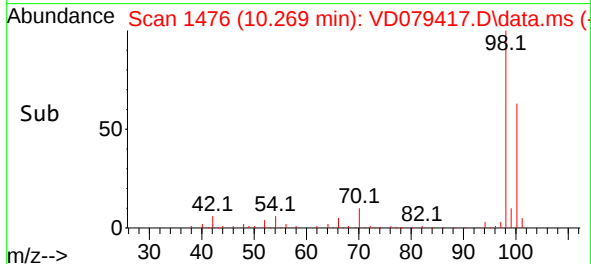
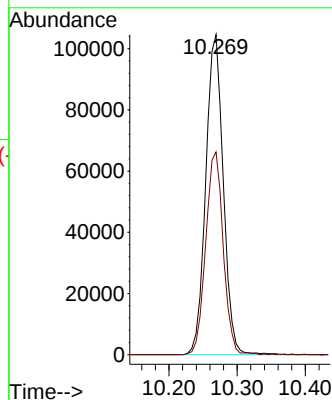
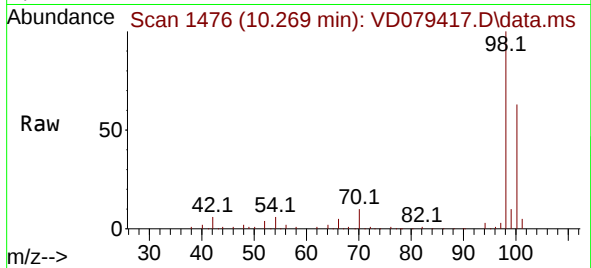




#50
Toluene-d8
Concen: 41.894 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079417.D
Acq: 26 Jul 2024 19:32

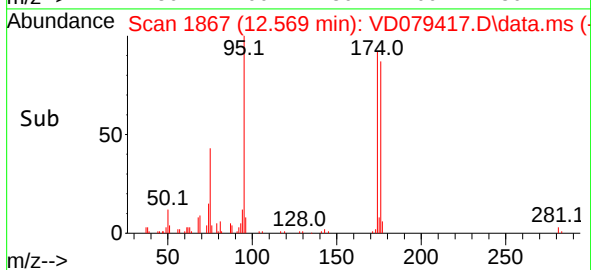
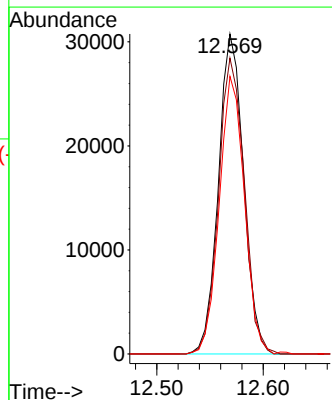
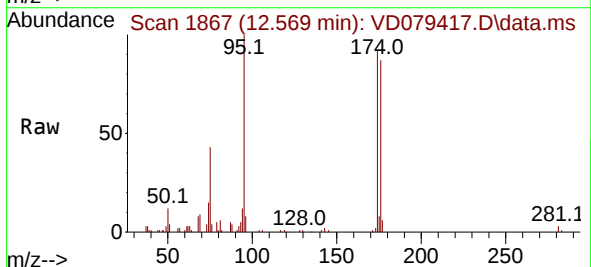
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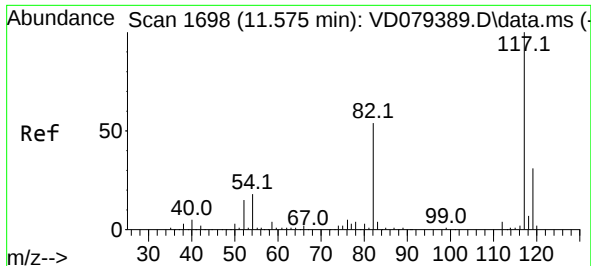
Tgt Ion: 98 Resp: 186707
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.314 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079417.D
Acq: 26 Jul 2024 19:32

Tgt Ion: 95 Resp: 50327
Ion Ratio Lower Upper
95 100
174 94.9 0.0 195.4
176 87.0 0.0 192.6

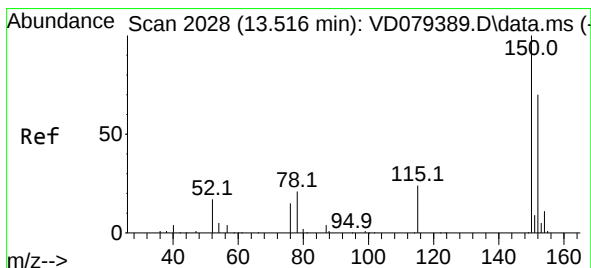
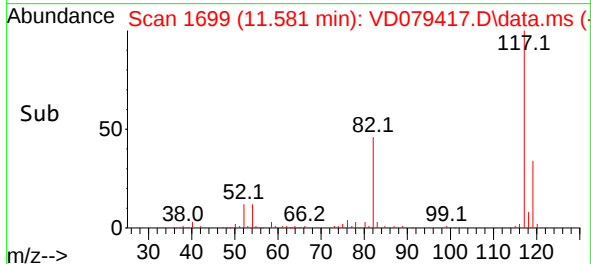
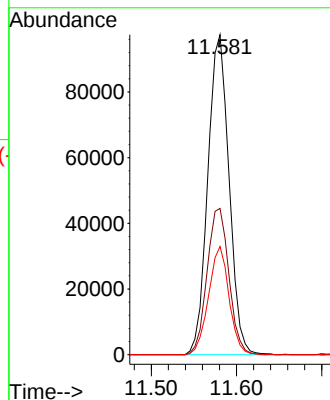
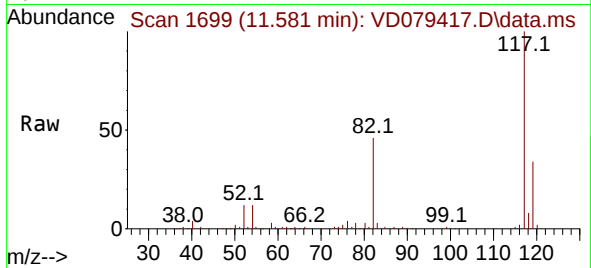




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079417.D
Acq: 26 Jul 2024 19:32

Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

Tgt Ion:117 Resp: 168412
Ion Ratio Lower Upper
117 100
82 45.7 39.8 59.6
119 33.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079417.D
Acq: 26 Jul 2024 19:32

Tgt Ion:152 Resp: 58394
Ion Ratio Lower Upper
152 100
115 59.2 26.5 79.5
150 157.6 0.0 341.6

