

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078670.D
 Acq On : 14 Mar 2024 16:50
 Operator : RP/MD
 Sample : P1744-02
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3488

Quant Time: Mar 15 05:50:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	5504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5369	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2984	110.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 220.120%#	
35) Dibromofluoromethane	7.798	113	2503	70.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.260%	
50) Toluene-d8	10.269	98	6510	49.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.575	95	1705	44.718	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.440%	

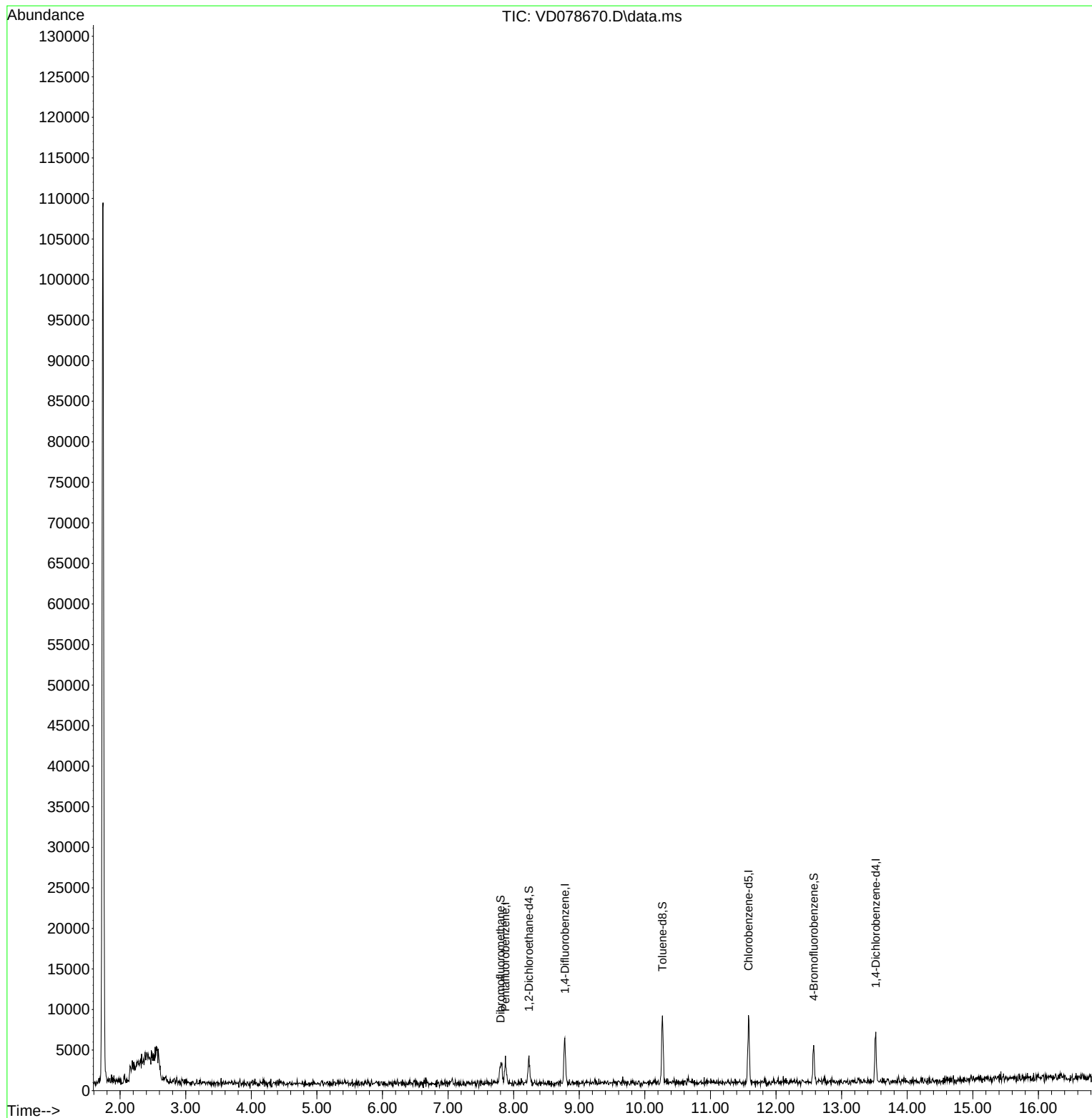
Target Compounds	Qvalue

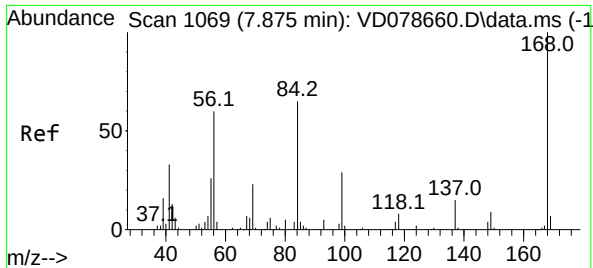
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
Data File : VD078670.D
Acq On : 14 Mar 2024 16:50
Operator : RP/MD
Sample : P1744-02
Misc : 5.06G/5ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-3488

Quant Time: Mar 15 05:50:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

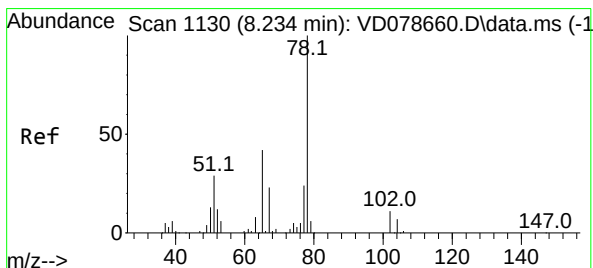
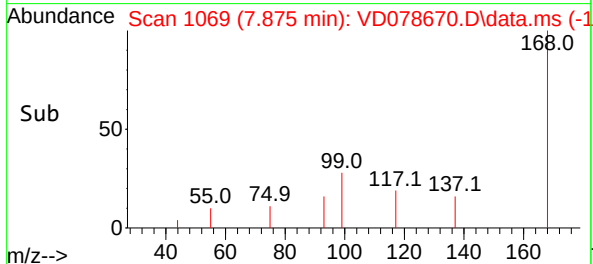
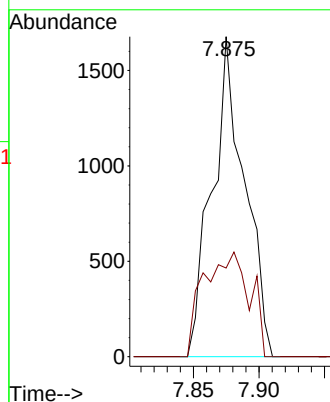
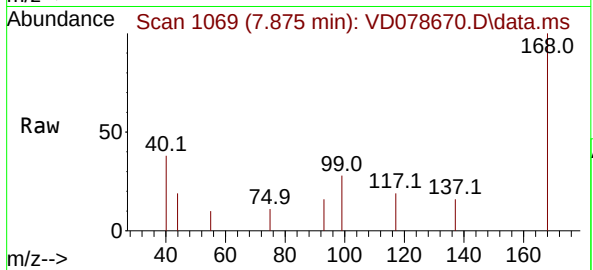




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078670.D
Acq: 14 Mar 2024 16:50

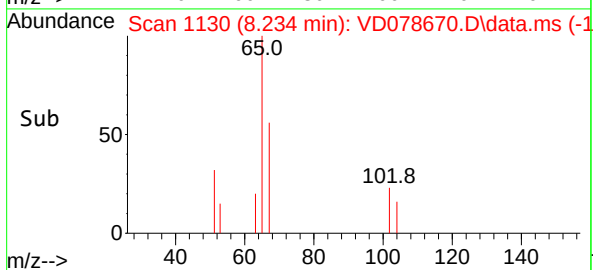
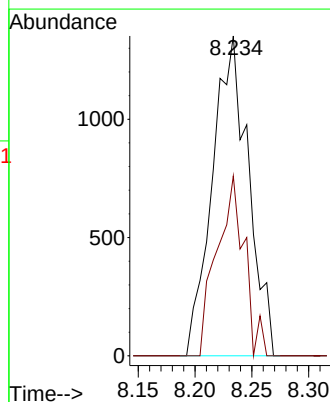
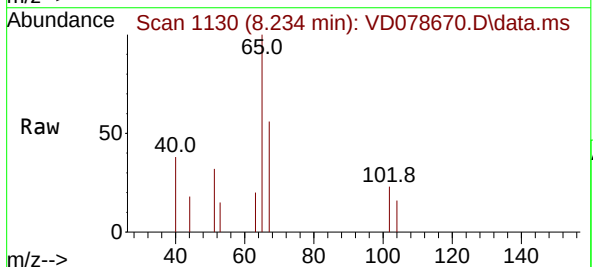
Instrument :
MSVOA_D
ClientSampleId :
RT-3488

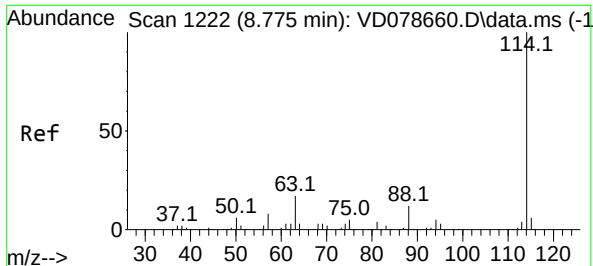
Tgt Ion:168 Resp: 2893
Ion Ratio Lower Upper
168 100
99 27.7 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 110.061 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078670.D
Acq: 14 Mar 2024 16:50

Tgt Ion: 65 Resp: 2984
Ion Ratio Lower Upper
65 100
67 43.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078670.D

Acq: 14 Mar 2024 16:50

Instrument :

MSVOA_D

ClientSampleId :

RT-3488

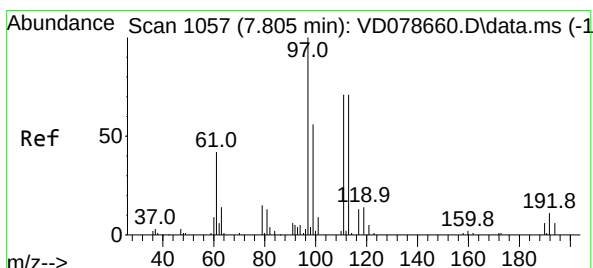
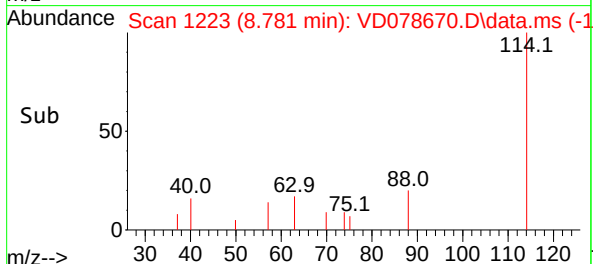
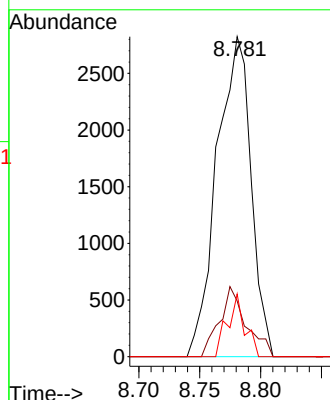
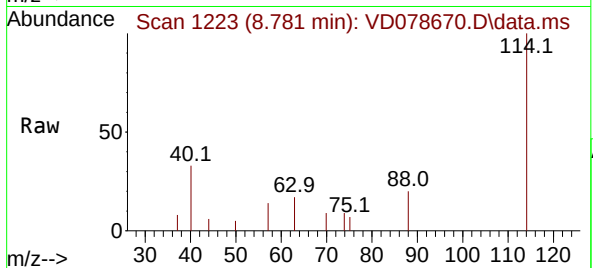
Tgt Ion:114 Resp: 5504

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 19.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 70.632 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078670.D

Acq: 14 Mar 2024 16:50

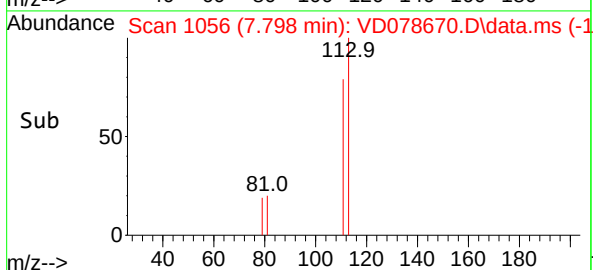
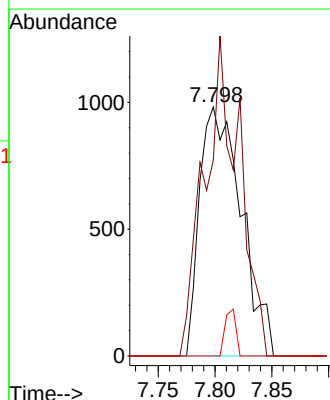
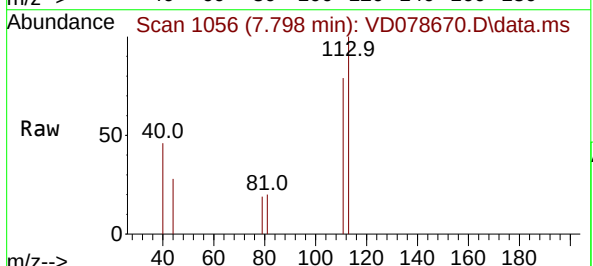
Tgt Ion:113 Resp: 2503

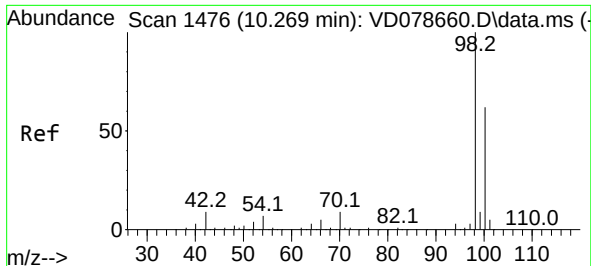
Ion Ratio Lower Upper

113 100

111 107.2 81.9 122.9

192 4.9 15.4 23.0#

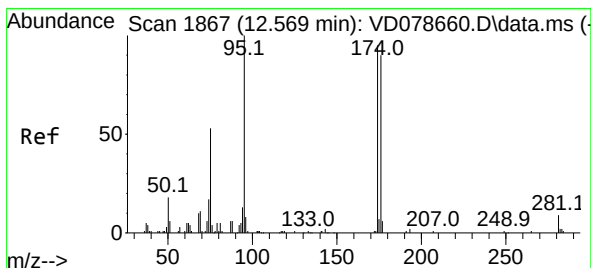
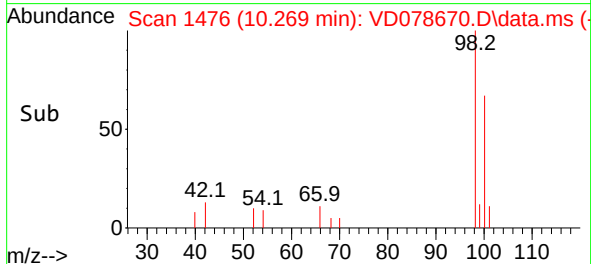
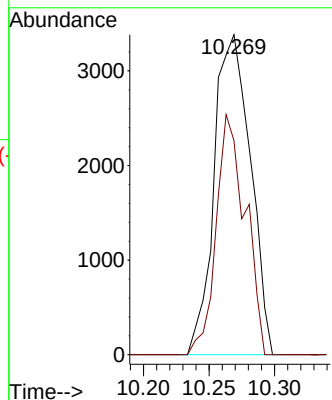
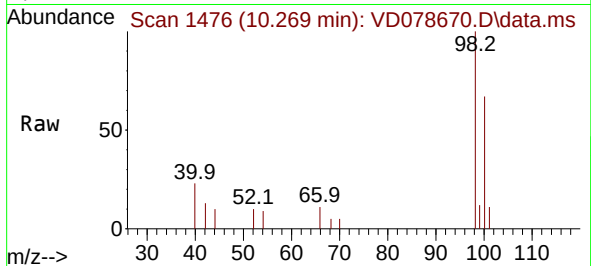




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078670.D
Acq: 14 Mar 2024 16:50

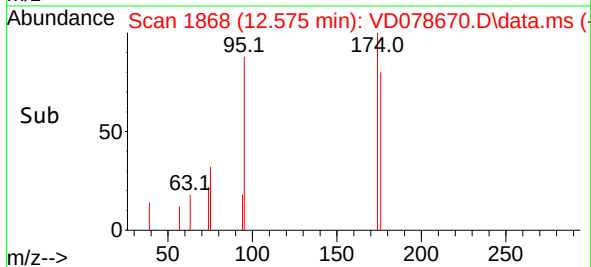
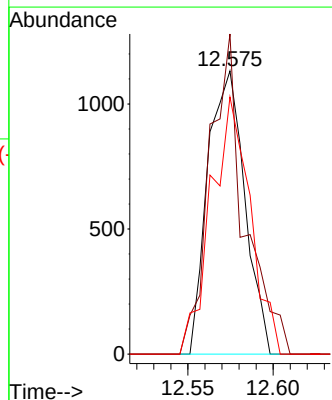
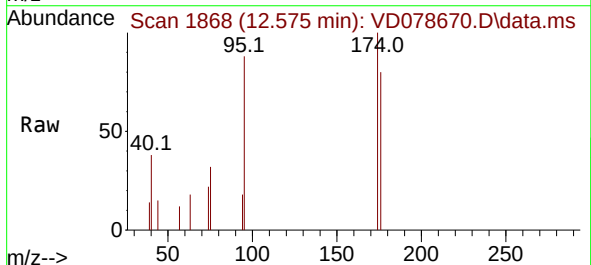
Instrument :
MSVOA_D
ClientSampleId :
RT-3488

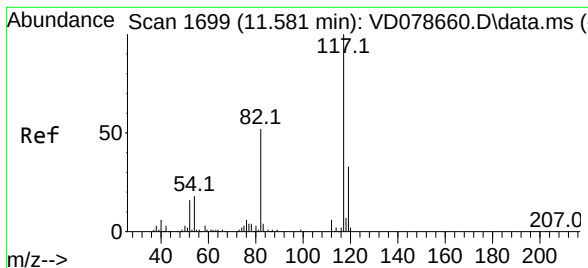
Tgt Ion: 98 Resp: 6510
Ion Ratio Lower Upper
98 100
100 60.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.718 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078670.D
Acq: 14 Mar 2024 16:50

Tgt Ion: 95 Resp: 1705
Ion Ratio Lower Upper
95 100
174 106.6 0.0 195.2
176 96.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078670.D

Acq: 14 Mar 2024 16:50

Instrument :

MSVOA_D

ClientSampleId :

RT-3488

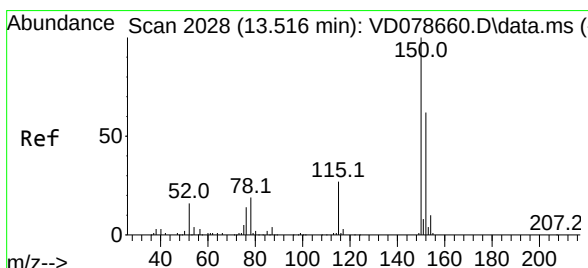
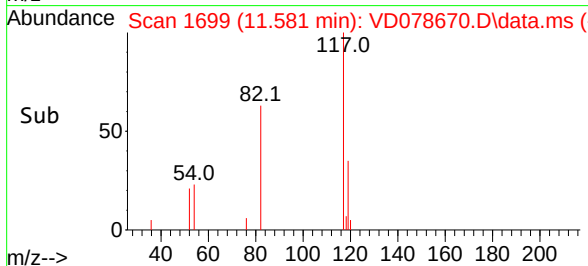
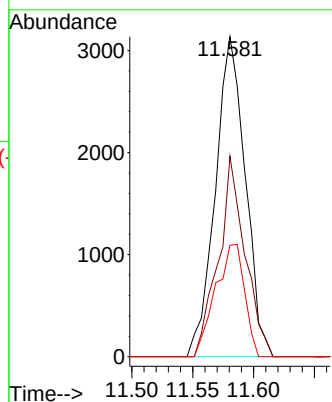
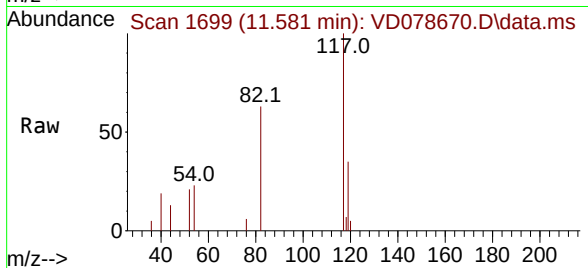
Tgt Ion:117 Resp: 5369

Ion Ratio Lower Upper

117 100

82 62.6 41.4 62.2#

119 34.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078670.D

Acq: 14 Mar 2024 16:50

Tgt Ion:152 Resp: 1918

Ion Ratio Lower Upper

152 100

115 52.0 27.1 81.2

150 158.3 0.0 350.2

