

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079798.D
 Acq On : 06 Sep 2024 15:07
 Operator : RP/MD
 Sample : P3839-07RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 902-ARE

Quant Time: Sep 06 23:59:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

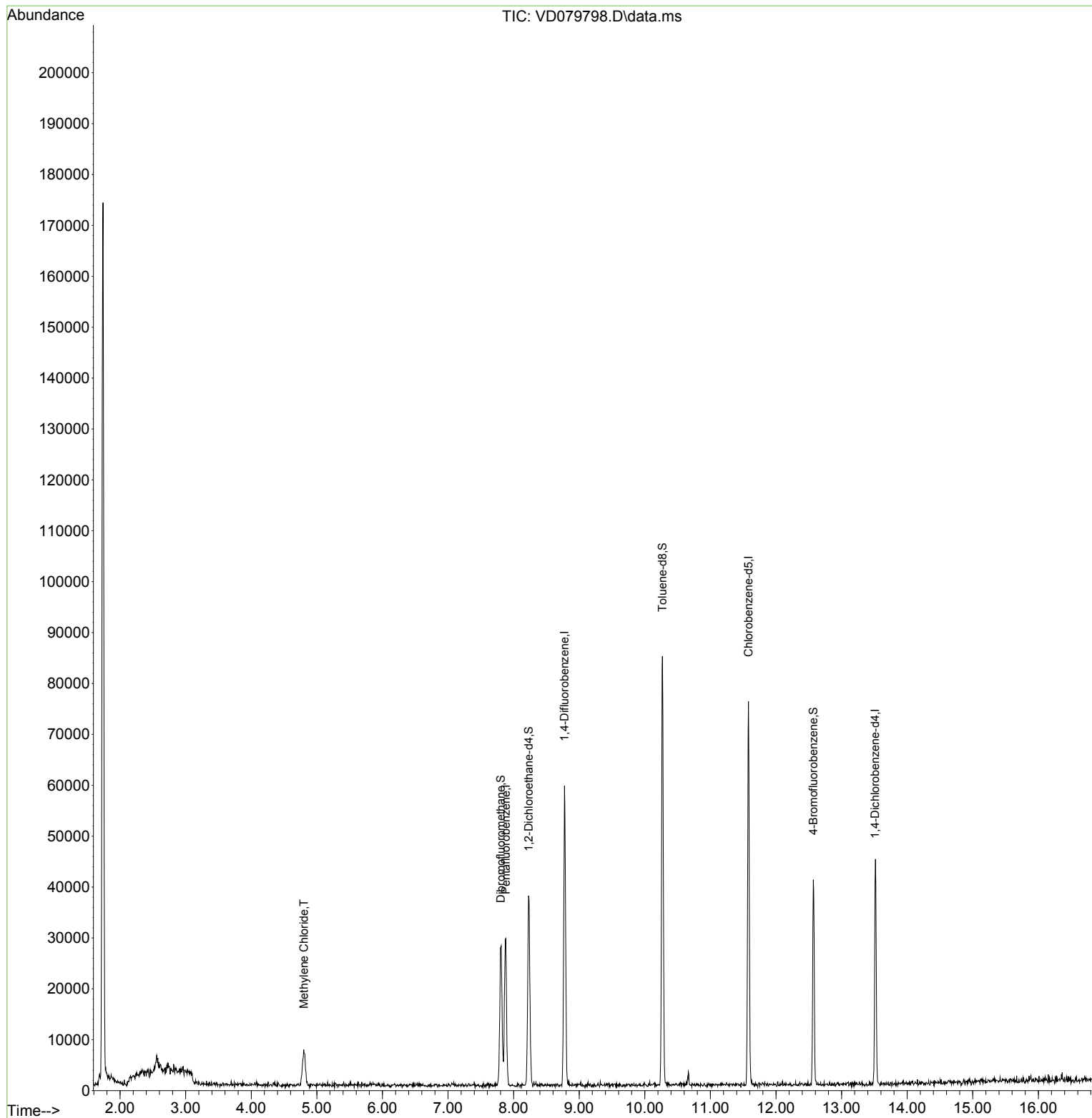
Internal Standards						
1) Pentafluorobenzene	7.881	168	19920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	49183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	40905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	11565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29764	109.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 219.180%#	
35) Dibromofluoromethane	7.805	113	19745	61.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.520%	
50) Toluene-d8	10.269	98	59742	43.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.140%	
62) 4-Bromofluorobenzene	12.569	95	12966	33.798	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 67.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	5511	14.405	ug/l #	85

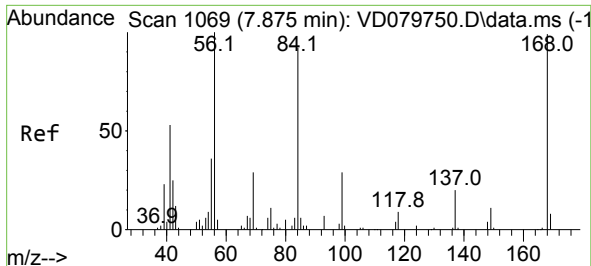
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
Data File : VD079798.D
Acq On : 06 Sep 2024 15:07
Operator : RP/MD
Sample : P3839-07RE
Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
902-ARE

Quant Time: Sep 06 23:59:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration

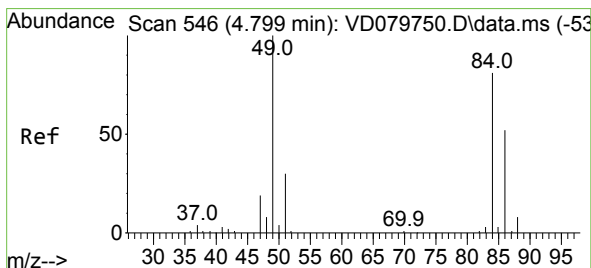
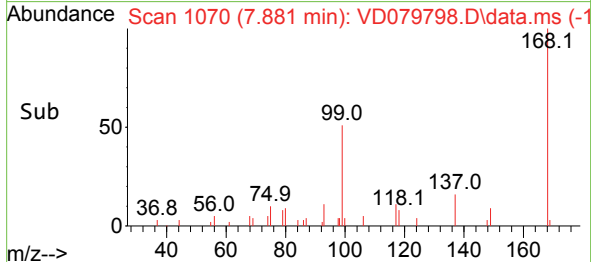
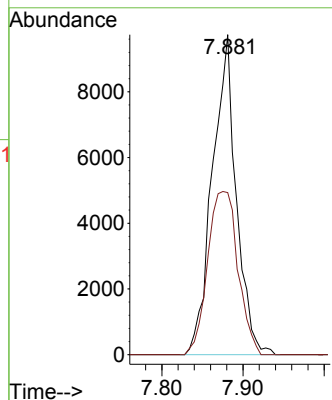
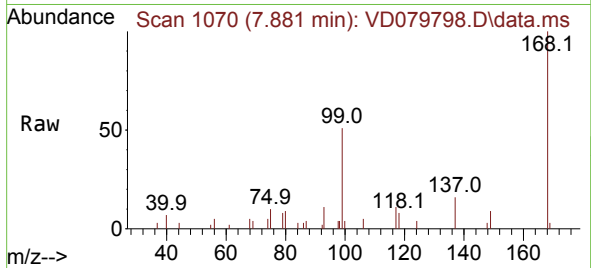




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079798.D
Acq: 06 Sep 2024 15:07

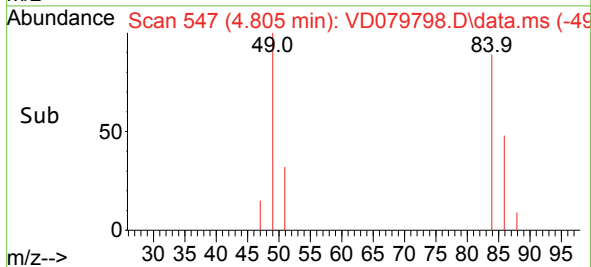
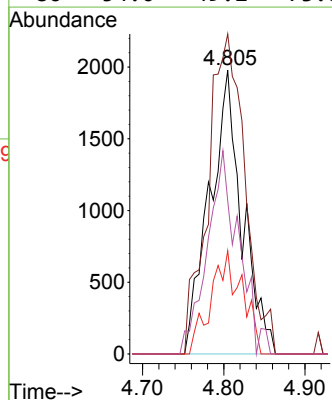
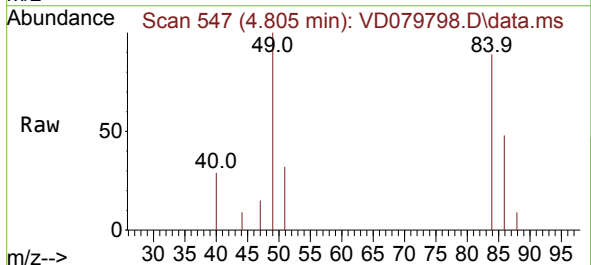
Instrument :
MSVOA_D
ClientSampleId :
902-ARE

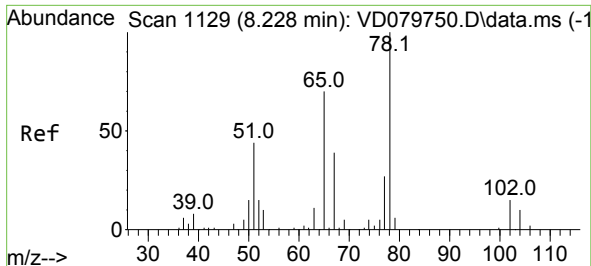
Tgt Ion:168 Resp: 19920
Ion Ratio Lower Upper
168 100
99 50.6 41.1 61.7



#20
Methylene Chloride
Concen: 14.405 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079798.D
Acq: 06 Sep 2024 15:07

Tgt Ion: 84 Resp: 5511
Ion Ratio Lower Upper
84 100
49 112.7 75.6 113.4
51 36.4 24.2 36.2#
86 54.0 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 109.585 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079798.D

Acq: 06 Sep 2024 15:07

Instrument :

MSVOA_D

ClientSampleId :

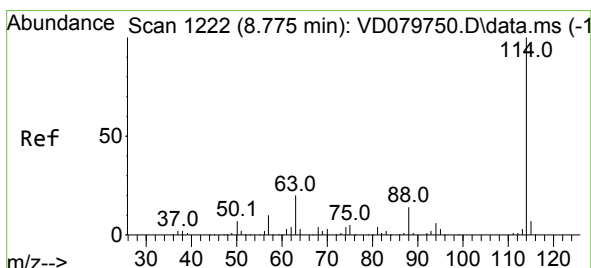
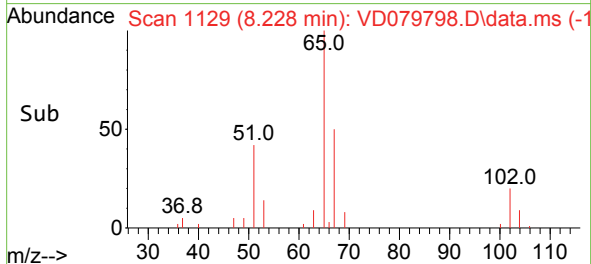
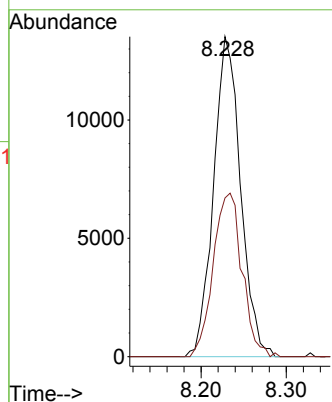
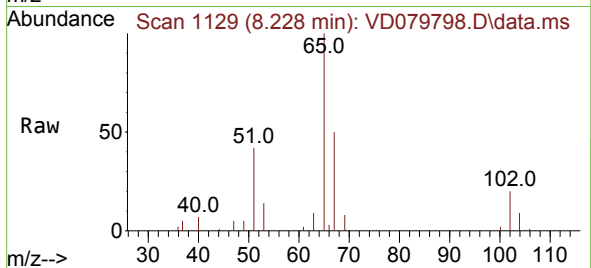
902-ARE

Tgt Ion: 65 Resp: 29764

Ion Ratio Lower Upper

65 100

67 54.6 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: VD079798.D

Acq: 06 Sep 2024 15:07

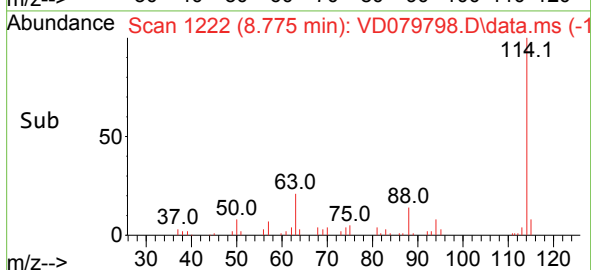
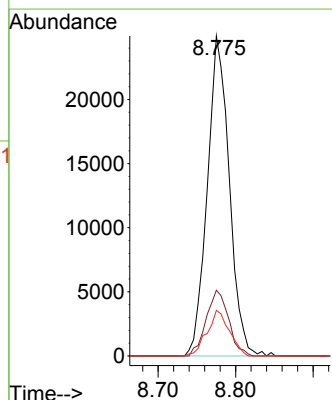
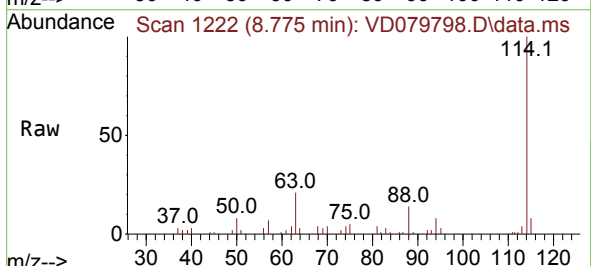
Tgt Ion: 114 Resp: 49183

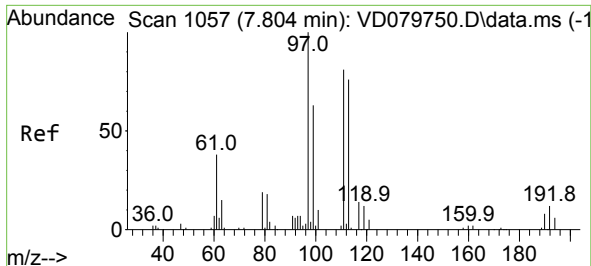
Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.764 ug/l

RT: 7.805 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079798.D

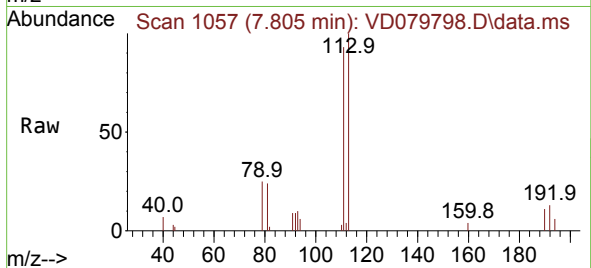
Acq: 06 Sep 2024 15:07

Instrument :

MSVOA_D

ClientSampleId :

902-ARE



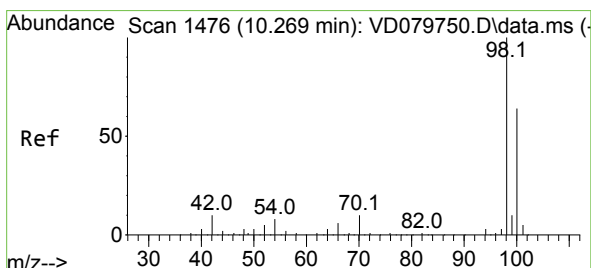
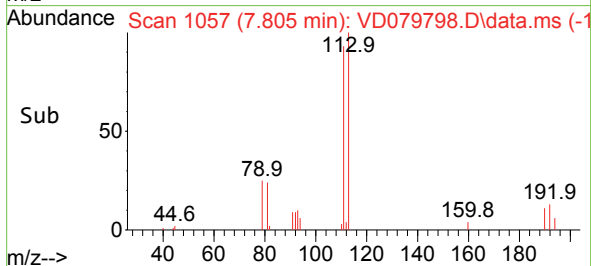
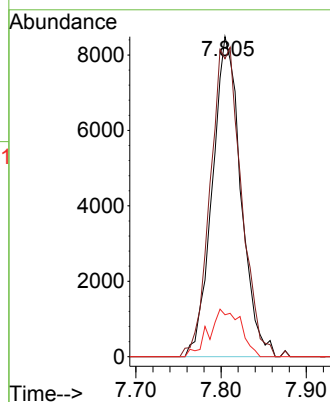
Tgt Ion:113 Resp: 19745

Ion Ratio Lower Upper

113 100

111 105.4 84.0 126.0

192 16.5 15.4 23.0



#50

Toluene-d8

Concen: 43.573 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079798.D

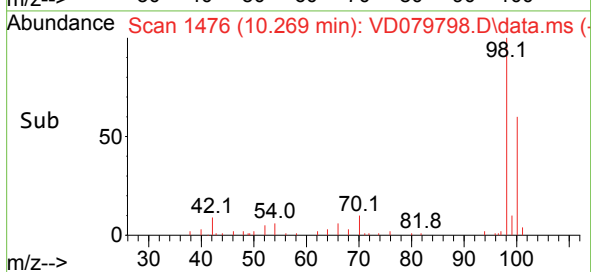
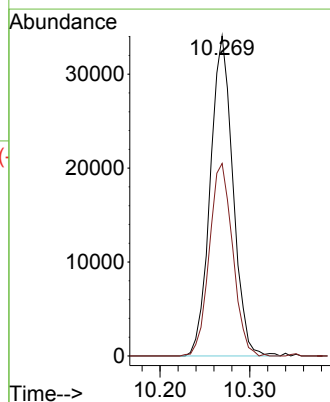
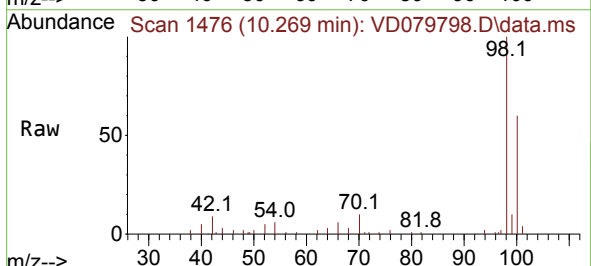
Acq: 06 Sep 2024 15:07

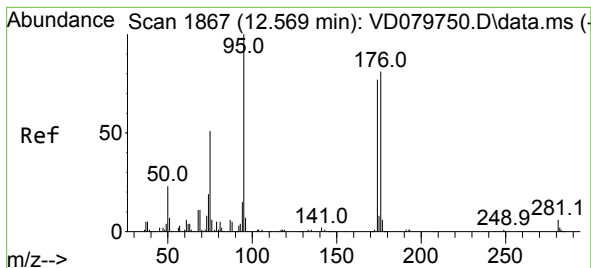
Tgt Ion: 98 Resp: 59742

Ion Ratio Lower Upper

98 100

100 61.9 51.6 77.4

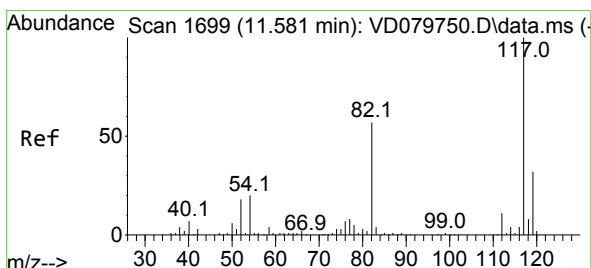
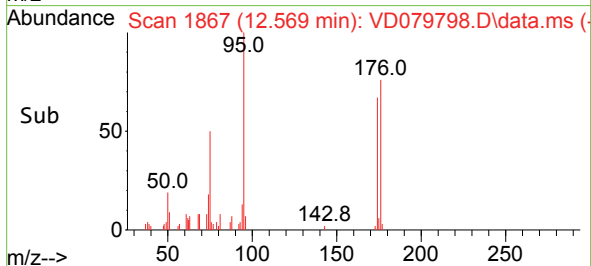
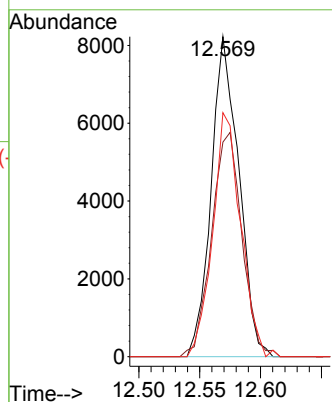
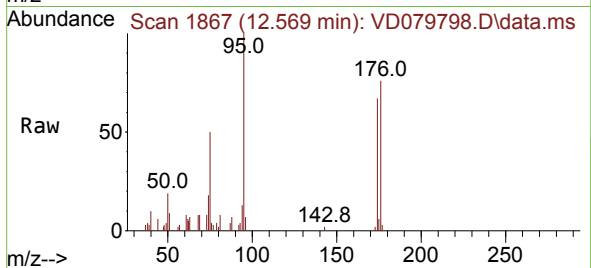




#62
4-Bromofluorobenzene
Concen: 33.798 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079798.D
Acq: 06 Sep 2024 15:07

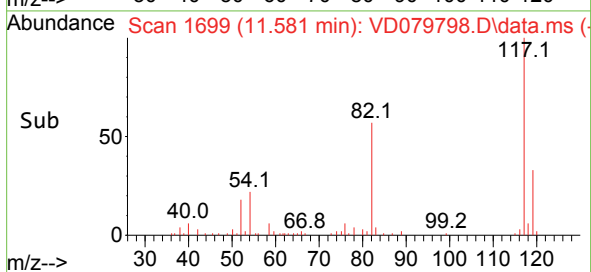
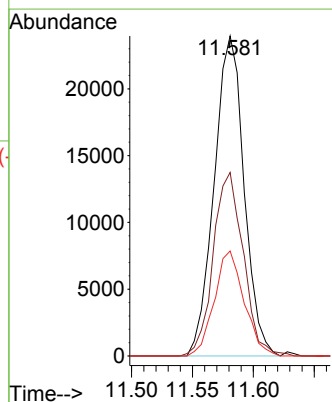
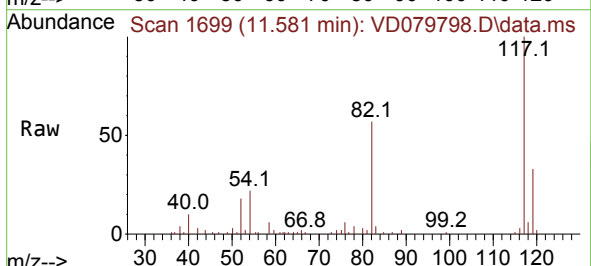
Instrument :
MSVOA_D
ClientSampleId :
902-ARE

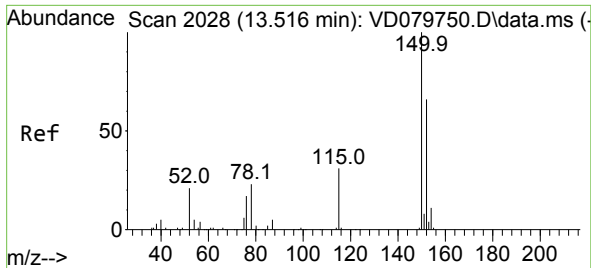
Tgt Ion:	95	Resp:	12966
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	195.4
176	77.2	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079798.D
Acq: 06 Sep 2024 15:07

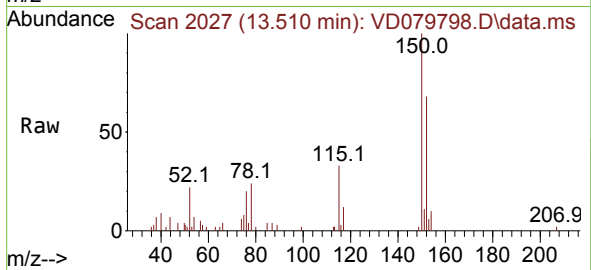
Tgt Ion:	117	Resp:	40905
Ion	Ratio	Lower	Upper
117	100		
82	57.4	39.8	59.6
119	32.8	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079798.D
Acq: 06 Sep 2024 15:07

Instrument :
MSVOA_D
ClientSampleId :
902-ARE



Tgt Ion:	152	Resp:	11565
Ion	Ratio	Lower	Upper
152	100		
115	60.6	26.5	79.5
150	152.1	0.0	341.6

