

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079785.D
 Acq On : 05 Sep 2024 15:07
 Operator : RP/MD
 Sample : P3839-07
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 902-A

Quant Time: Sep 06 01:37:45 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)

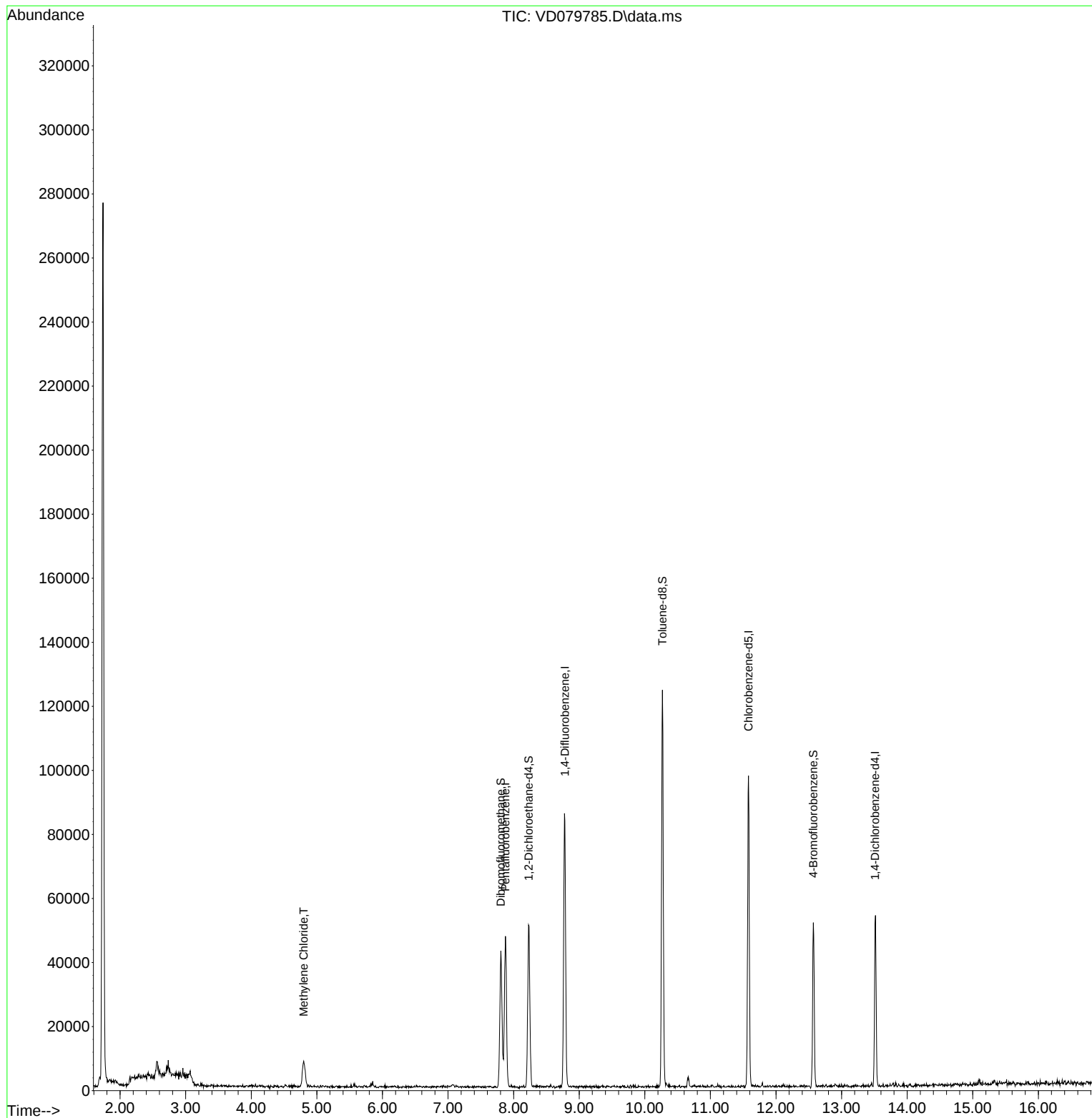
Internal Standards						
1) Pentafluorobenzene	7.875	168	31672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	75110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	54937	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	13604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41751	96.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.360%#	
35) Dibromofluoromethane	7.805	113	29718	60.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.740%	
50) Toluene-d8	10.269	98	87155	41.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.240%	
62) 4-Bromofluorobenzene	12.569	95	16587	28.312	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 56.620%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	6125	9.254	ug/l	# 86

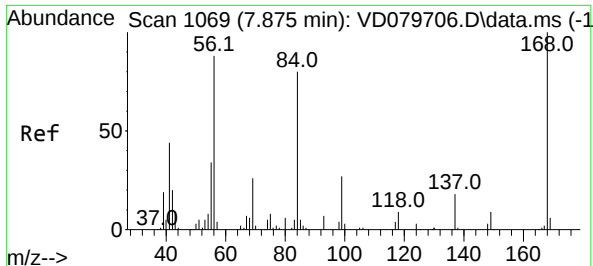
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
Data File : VD079785.D
Acq On : 05 Sep 2024 15:07
Operator : RP/MD
Sample : P3839-07
Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
902-A

Quant Time: Sep 06 01:37:45 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

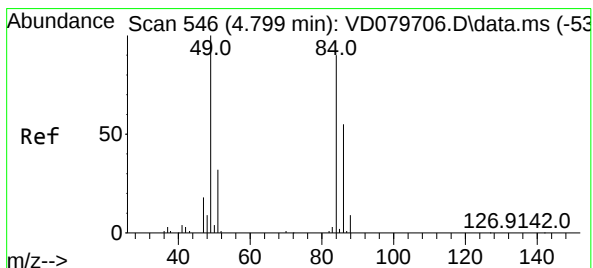
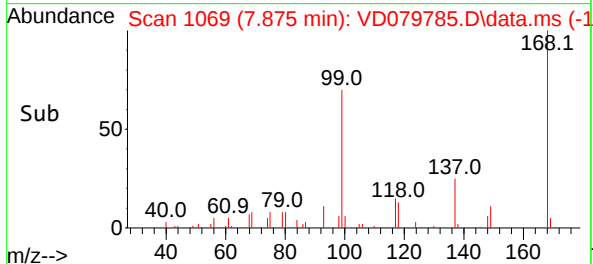
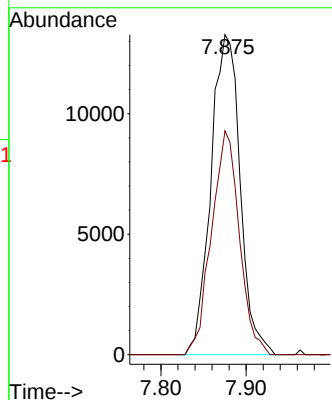
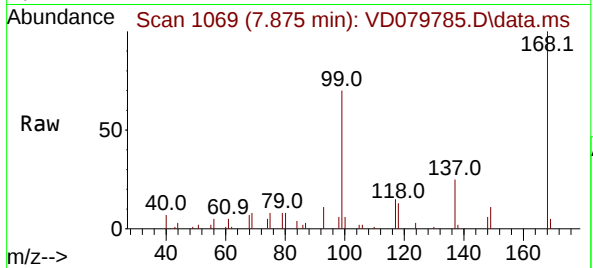




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

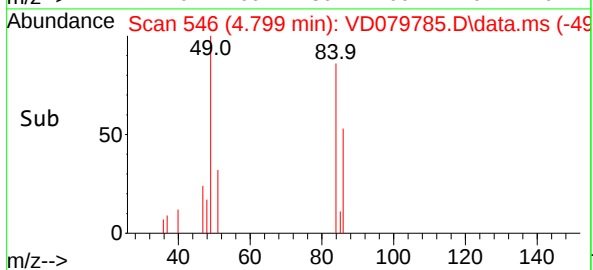
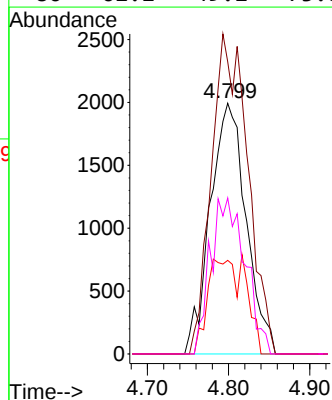
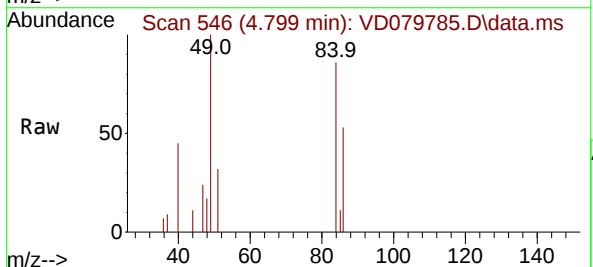
Instrument :
MSVOA_D
ClientSampleId :
902-A

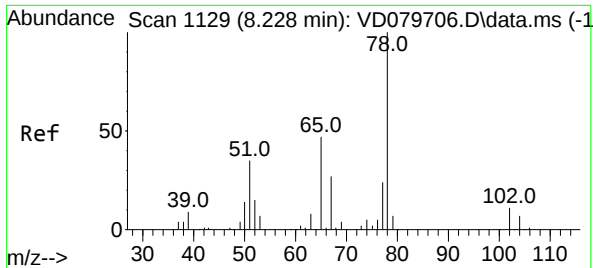
Tgt Ion:168 Resp: 31672
Ion Ratio Lower Upper
168 100
99 70.0 41.1 61.7#



#20
Methylene Chloride
Concen: 9.254 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

Tgt Ion: 84 Resp: 6125
Ion Ratio Lower Upper
84 100
49 116.6 75.6 113.4#
51 37.4 24.2 36.2#
86 62.2 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 96.681 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079785.D

Acq: 05 Sep 2024 15:07

Instrument :

MSVOA_D

ClientSampleId :

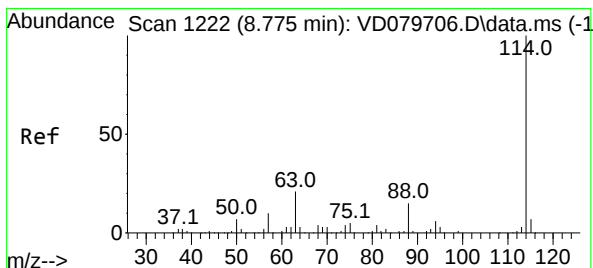
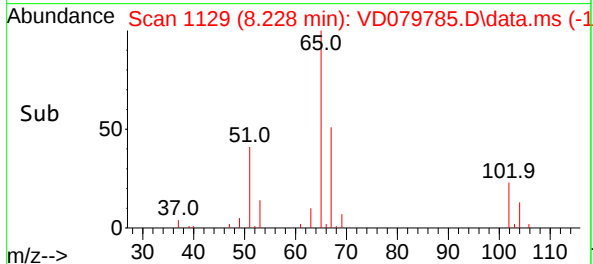
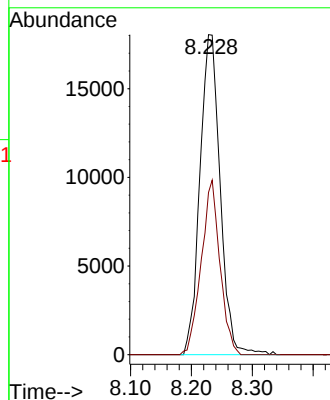
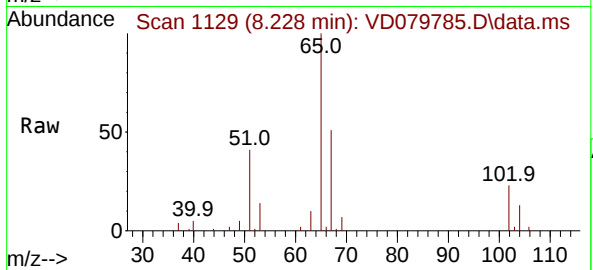
902-A

Tgt Ion: 65 Resp: 41751

Ion Ratio Lower Upper

65 100

67 50.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079785.D

Acq: 05 Sep 2024 15:07

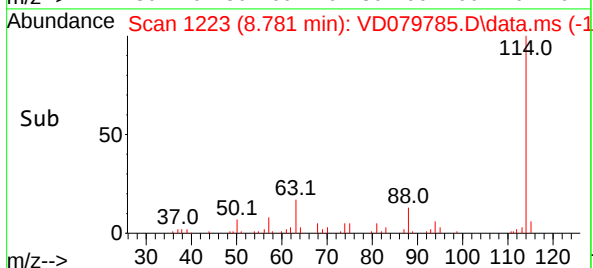
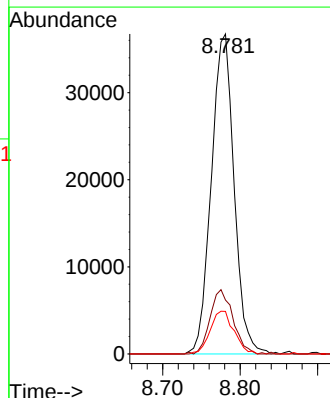
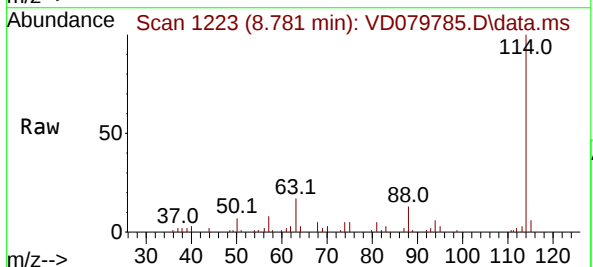
Tgt Ion: 114 Resp: 75110

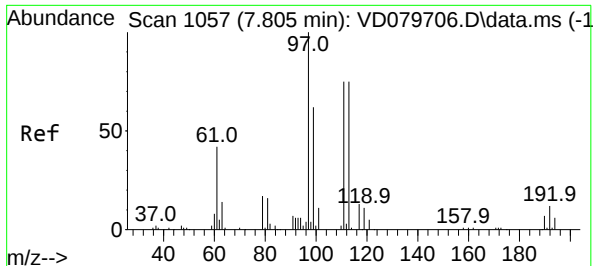
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.0

88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 60.871 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079785.D

Acq: 05 Sep 2024 15:07

Instrument :

MSVOA_D

ClientSampleId :

902-A

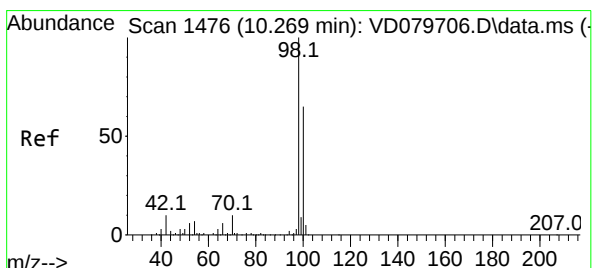
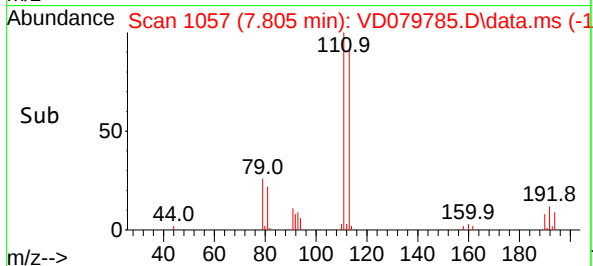
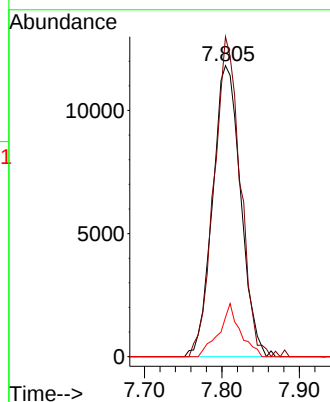
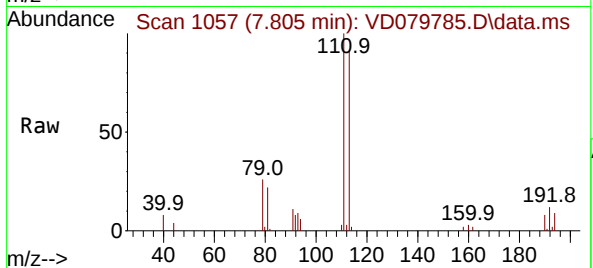
Tgt Ion:113 Resp: 29718

Ion Ratio Lower Upper

113 100

111 103.3 84.0 126.0

192 13.7 15.4 23.0#



#50

Toluene-d8

Concen: 41.625 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079785.D

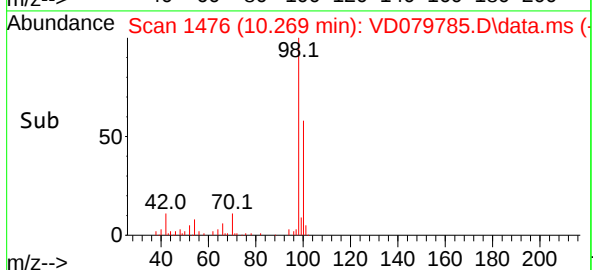
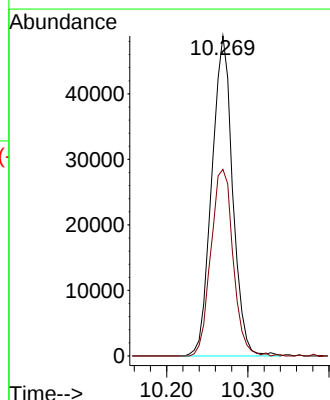
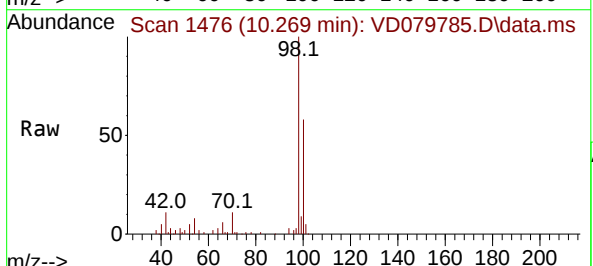
Acq: 05 Sep 2024 15:07

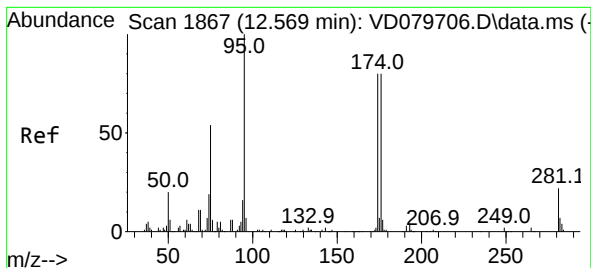
Tgt Ion: 98 Resp: 87155

Ion Ratio Lower Upper

98 100

100 62.2 51.6 77.4

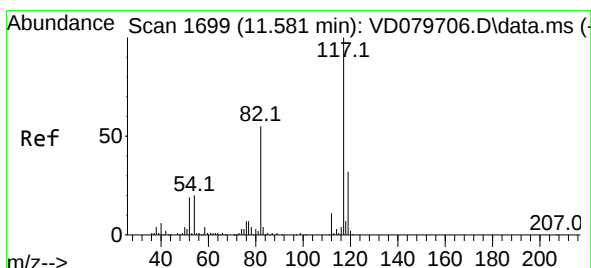
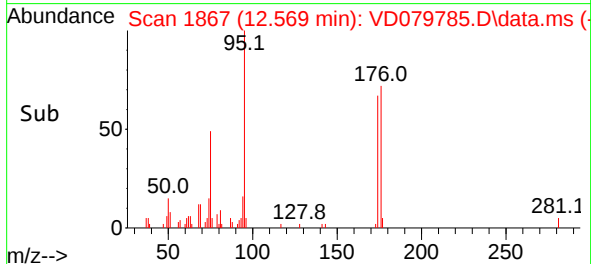
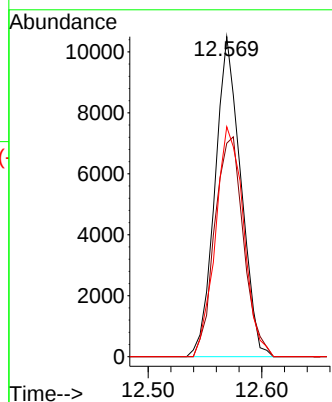
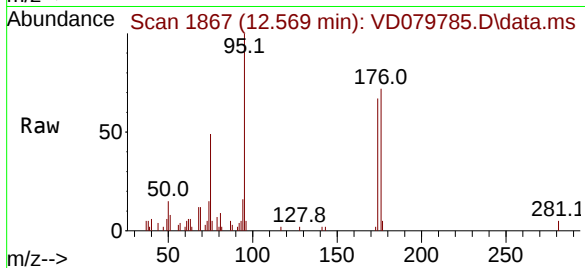




#62
4-Bromofluorobenzene
Concen: 28.312 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

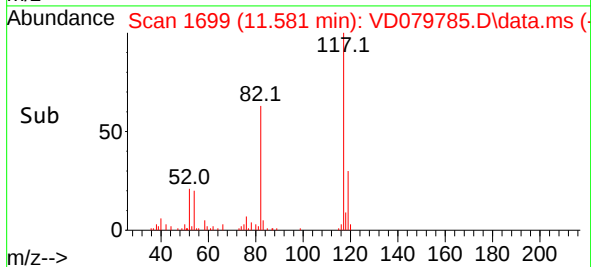
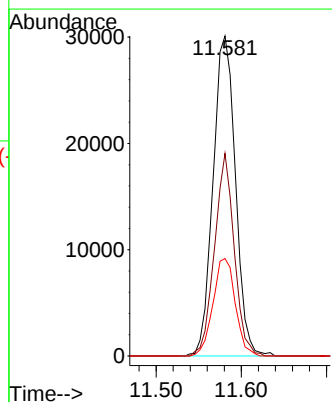
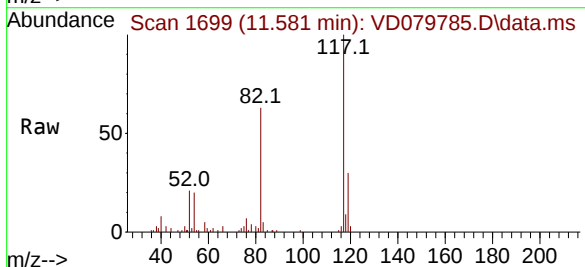
Instrument :
MSVOA_D
ClientSampleId :
902-A

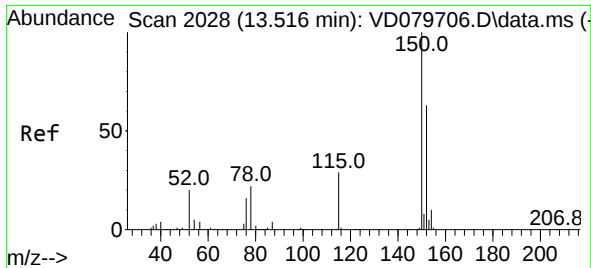
Tgt Ion: 95 Resp: 16587
Ion Ratio Lower Upper
95 100
174 76.8 0.0 195.4
176 78.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079785.D
Acq: 05 Sep 2024 15:07

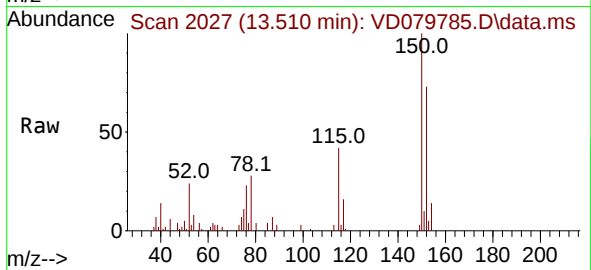
Tgt Ion: 117 Resp: 54937
Ion Ratio Lower Upper
117 100
82 63.3 39.8 59.6#
119 30.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD079785.D
 Acq: 05 Sep 2024 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 902-A



Tgt Ion:152 Resp: 13604
 Ion Ratio Lower Upper
 152 100
 115 60.7 26.5 79.5
 150 153.6 0.0 341.6

