

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079352.D
 Acq On : 08 Jul 2024 20:24
 Operator : RP/MD
 Sample : P3167-14
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-820-822

Quant Time: Jul 09 04:59:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

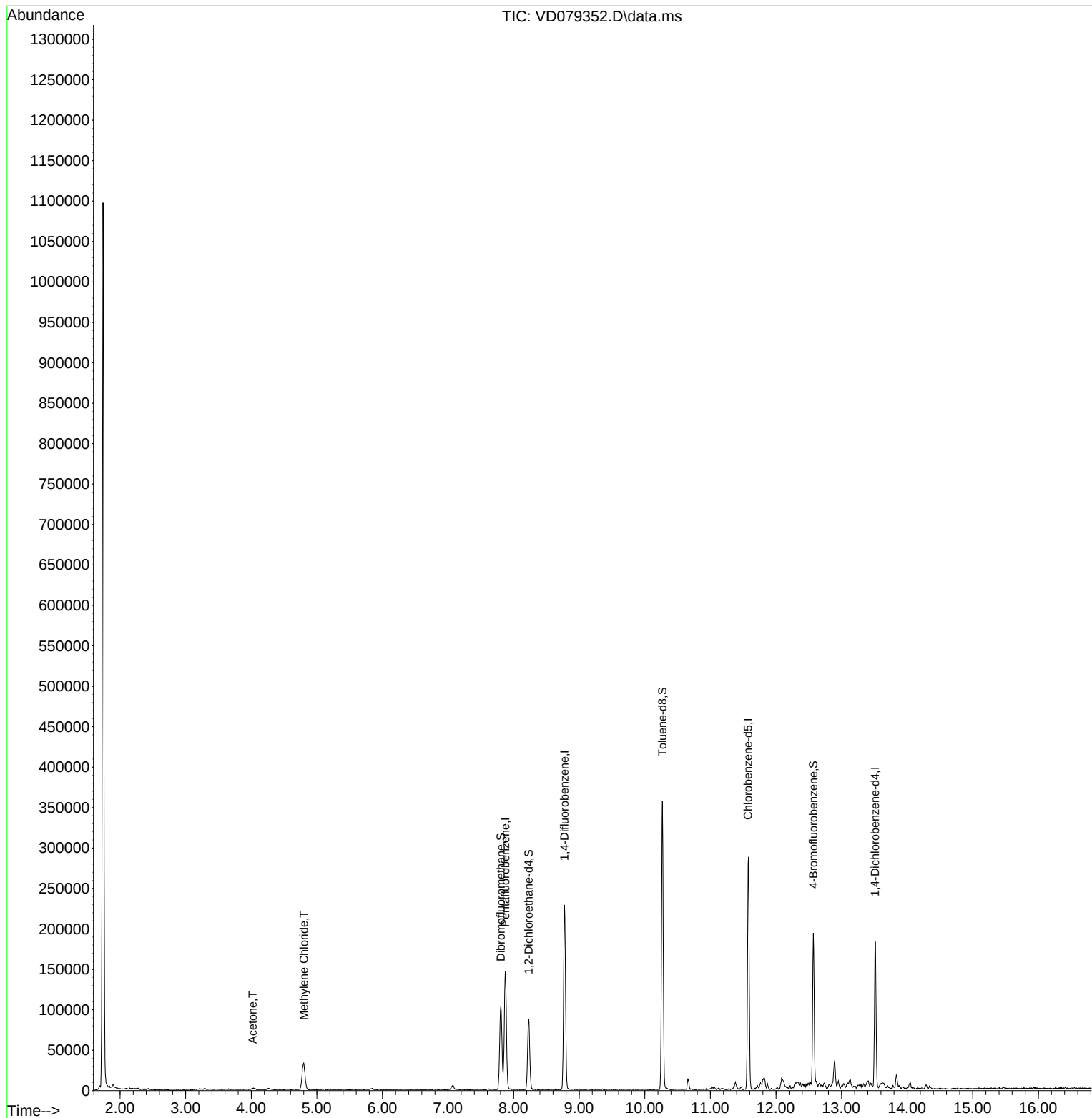
Internal Standards						
1) Pentafluorobenzene	7.875	168	109150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	177348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	49829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68883	53.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.100%
35) Dibromofluoromethane	7.805	113	79977	54.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.269	98	252715	44.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.680%
62) 4-Bromofluorobenzene	12.569	95	60623	34.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.440%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	3122	12.762	ug/l	88
20) Methylene Chloride	4.805	84	28016	7.380	ug/l	95

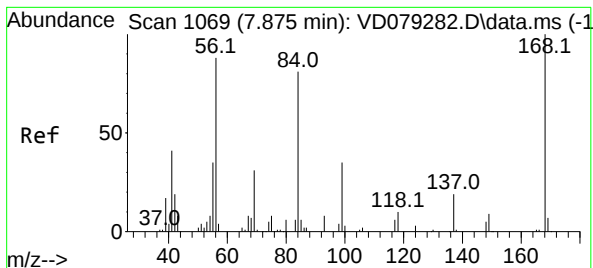
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
Data File : VD079352.D
Acq On : 08 Jul 2024 20:24
Operator : RP/MD
Sample : P3167-14
Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822

Quant Time: Jul 09 04:59:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
Response via : Initial Calibration

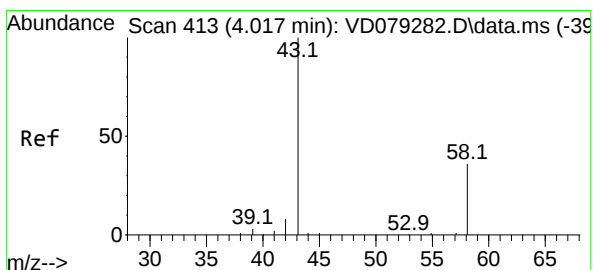
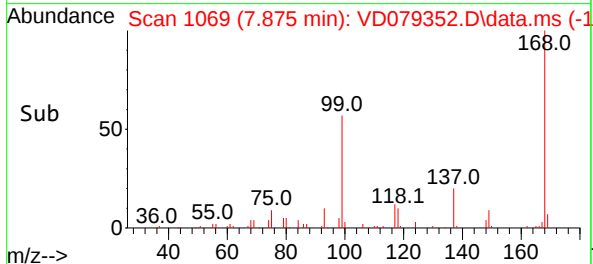
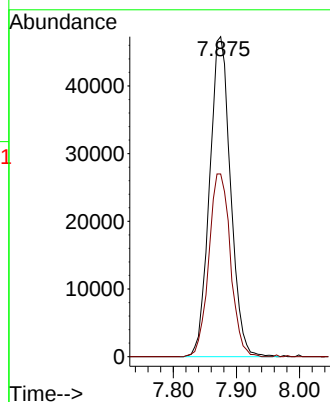
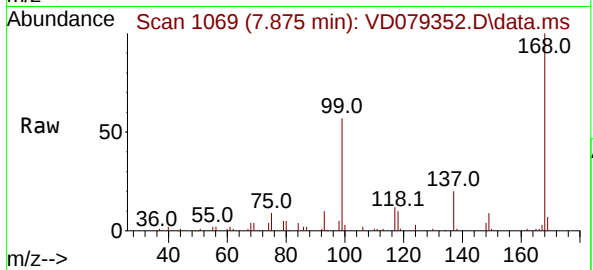




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079352.D
Acq: 08 Jul 2024 20:24

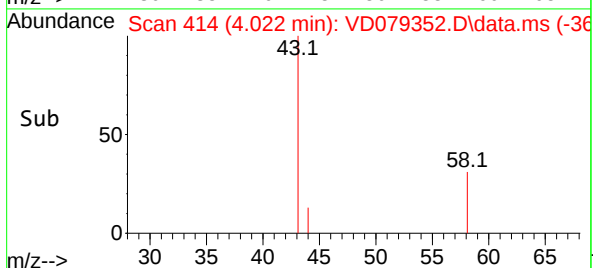
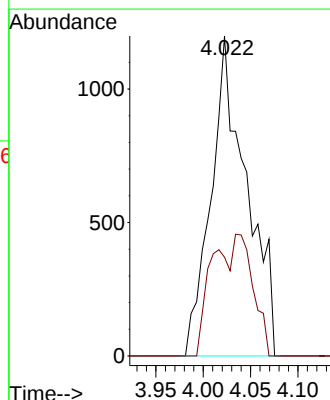
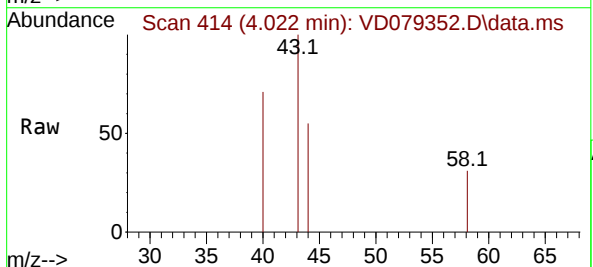
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822

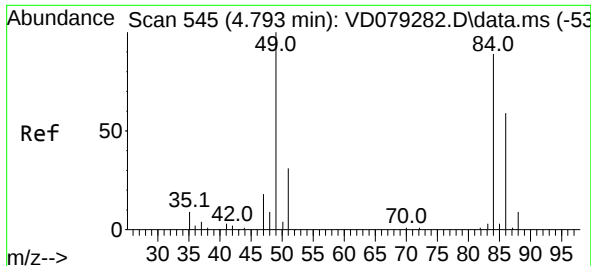
Tgt Ion:168 Resp: 109150
Ion Ratio Lower Upper
168 100
99 57.1 41.1 61.7



#16
Acetone
Concen: 12.762 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079352.D
Acq: 08 Jul 2024 20:24

Tgt Ion: 43 Resp: 3122
Ion Ratio Lower Upper
43 100
58 30.9 30.4 45.6

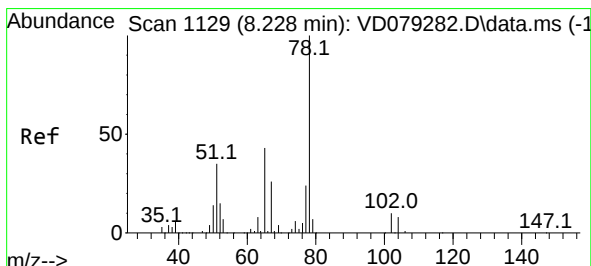
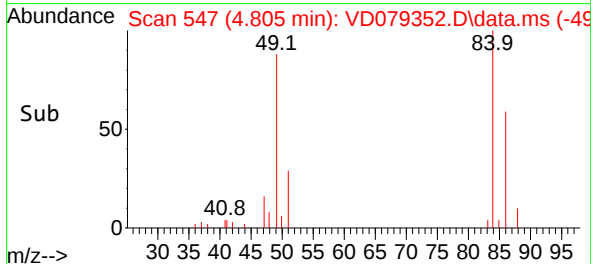
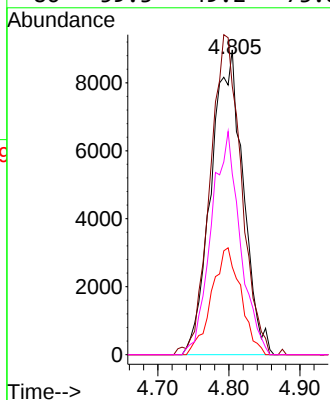
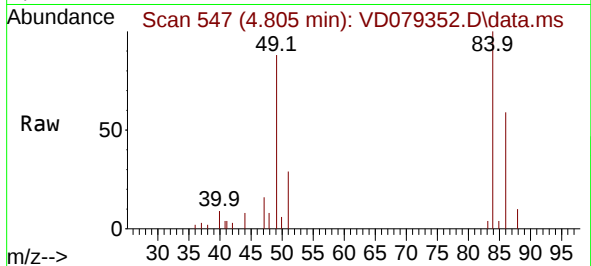




#20
Methylene Chloride
Concen: 7.380 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD079352.D
Acq: 08 Jul 2024 20:24

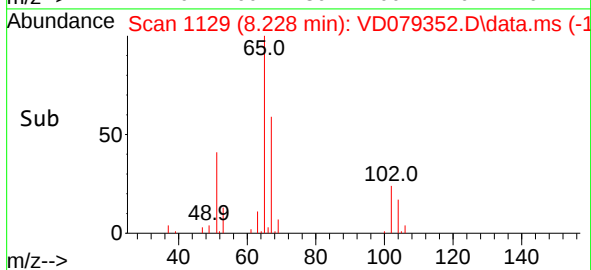
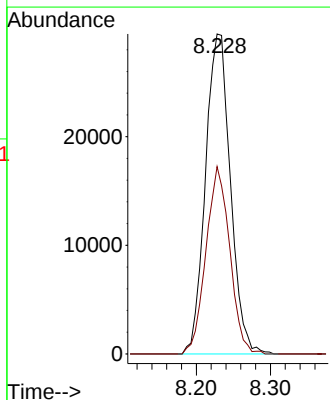
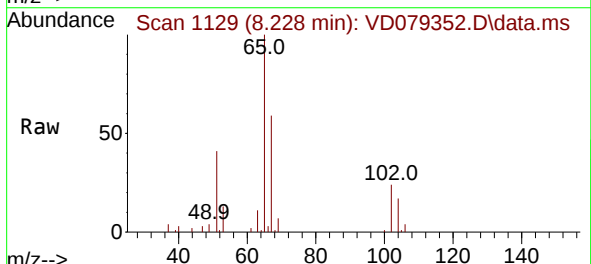
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822

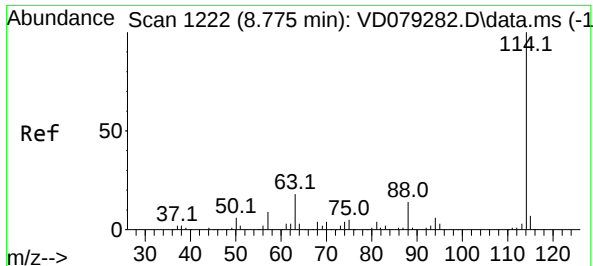
Tgt Ion: 84	Resp: 28016
Ion Ratio	Lower Upper
84 100	
49 88.0	75.6 113.4
51 28.7	24.2 36.2
86 59.3	49.2 73.8



#33
1,2-Dichloroethane-d4
Concen: 53.553 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079352.D
Acq: 08 Jul 2024 20:24

Tgt Ion: 65	Resp: 68883
Ion Ratio	Lower Upper
65 100	
67 55.8	0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079352.D

Acq: 08 Jul 2024 20:24

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-820-822

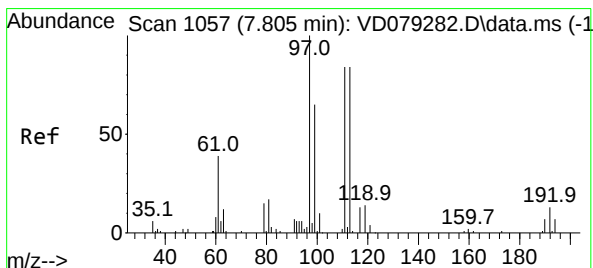
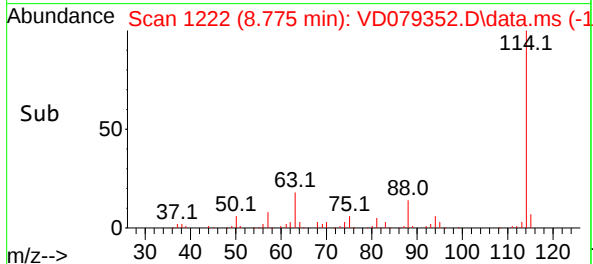
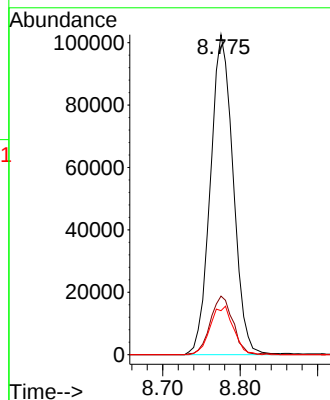
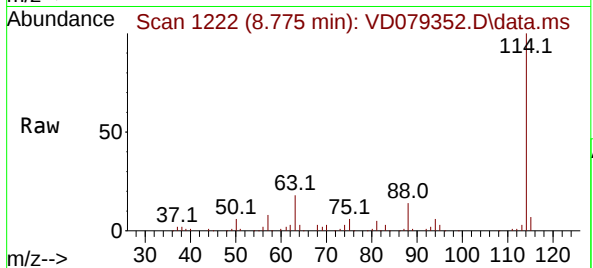
Tgt Ion:114 Resp: 209587

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.090 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079352.D

Acq: 08 Jul 2024 20:24

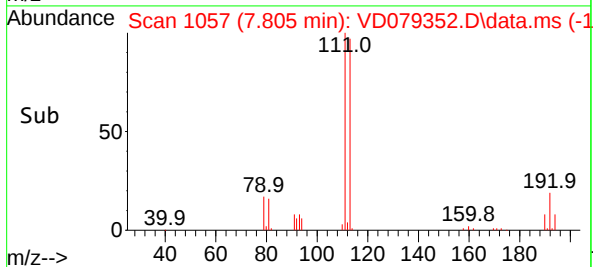
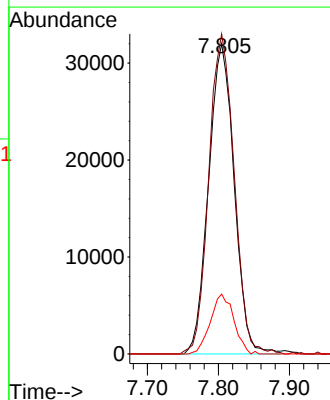
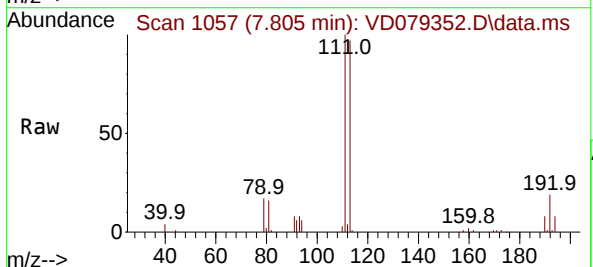
Tgt Ion:113 Resp: 79977

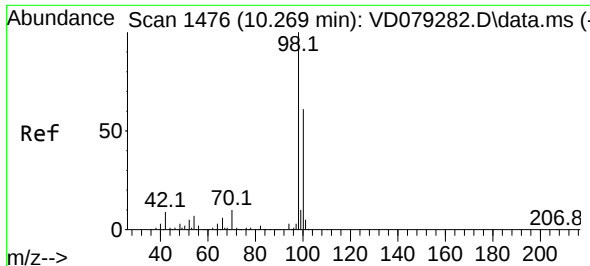
Ion Ratio Lower Upper

113 100

111 102.4 84.0 126.0

192 17.7 15.4 23.0

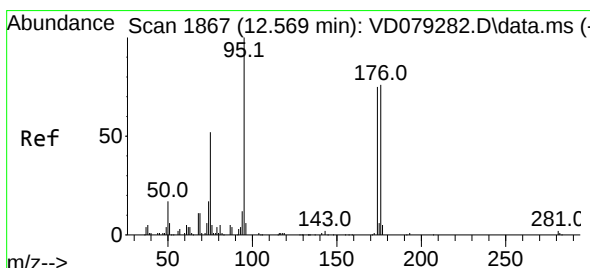
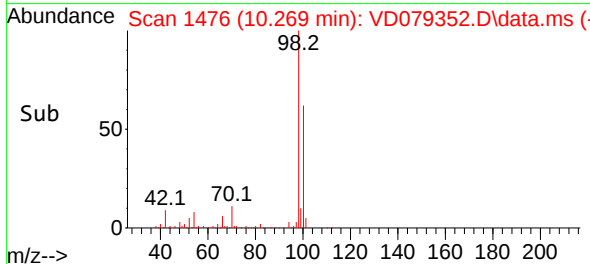
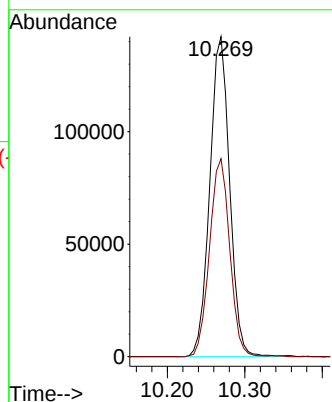
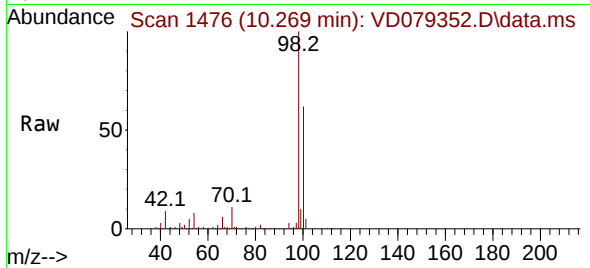




#50
Toluene-d8
Concen: 44.338 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079352.D
Acq: 08 Jul 2024 20:24

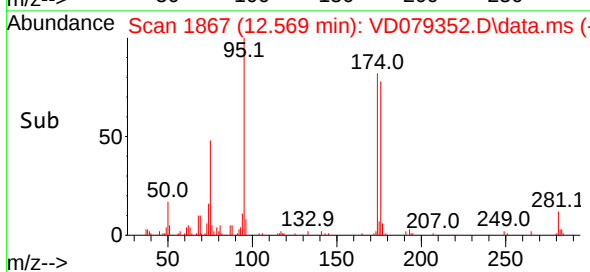
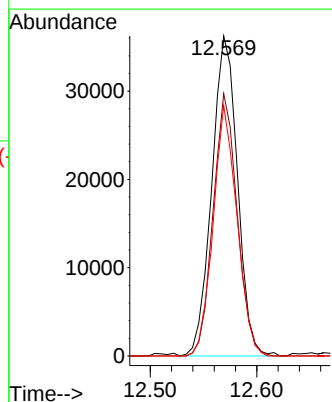
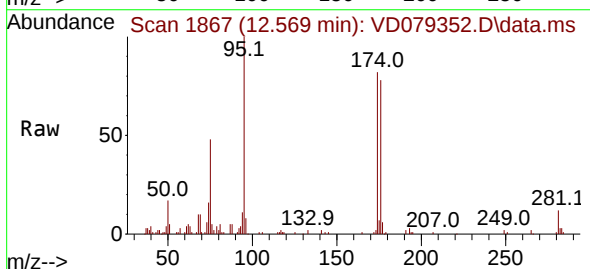
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-820-822

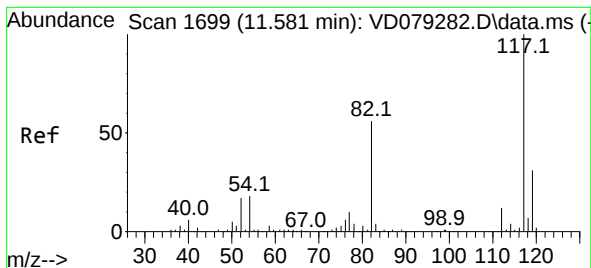
Tgt Ion: 98 Resp: 252715
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.221 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079352.D
Acq: 08 Jul 2024 20:24

Tgt Ion: 95 Resp: 60623
Ion Ratio Lower Upper
95 100
174 76.7 0.0 195.4
176 72.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079352.D

Acq: 08 Jul 2024 20:24

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-820-822

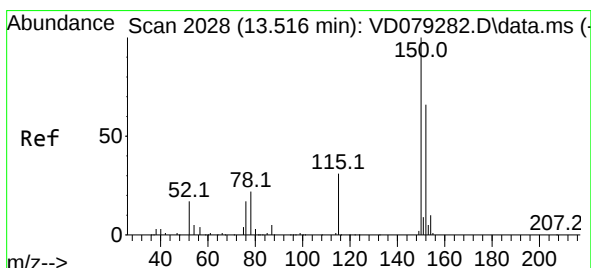
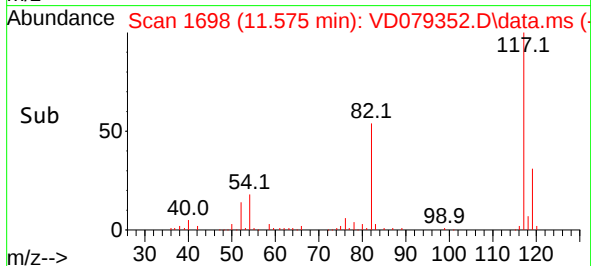
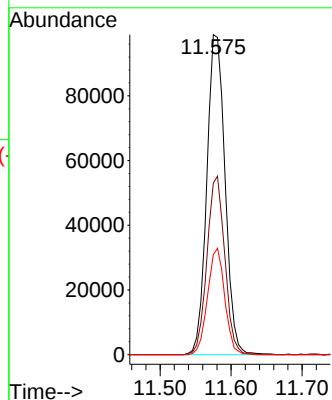
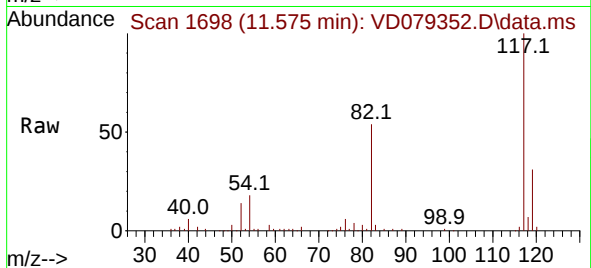
Tgt Ion:117 Resp: 177348

Ion Ratio Lower Upper

117 100

82 53.6 39.8 59.6

119 31.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. -0.006 min

Lab File: VD079352.D

Acq: 08 Jul 2024 20:24

Tgt Ion:152 Resp: 49829

Ion Ratio Lower Upper

152 100

115 60.6 26.5 79.5

150 160.4 0.0 341.6

