

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076863.D
 Acq On : 28 Jul 2023 19:16
 Operator : KP/SY
 Sample : 03810-11
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P08A

Quant Time: Jul 28 23:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87741	52.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.340%
35) Dibromofluoromethane	7.799	113	102445	51.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.269	98	392621	55.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.575	95	111144	48.135	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.260%

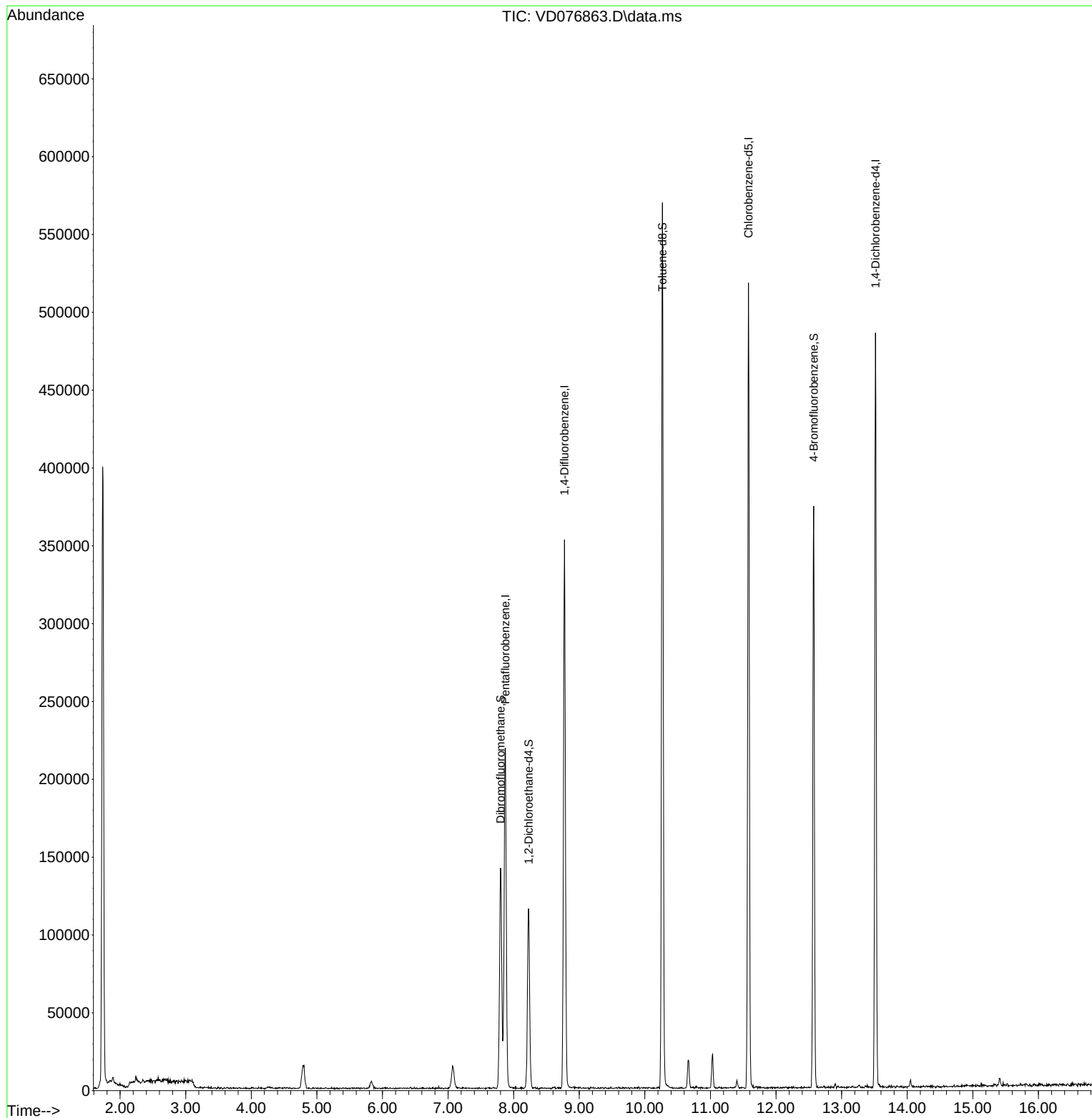
Target Compounds	Qvalue

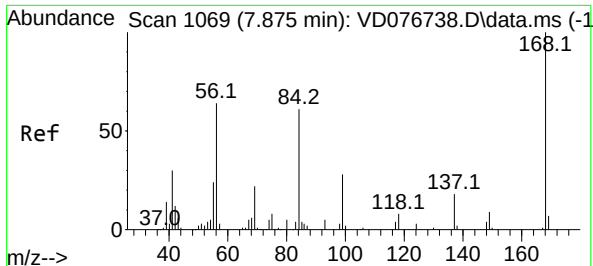
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
Data File : VD076863.D
Acq On : 28 Jul 2023 19:16
Operator : KP/SY
Sample : 03810-11
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P08A

Quant Time: Jul 28 23:07:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

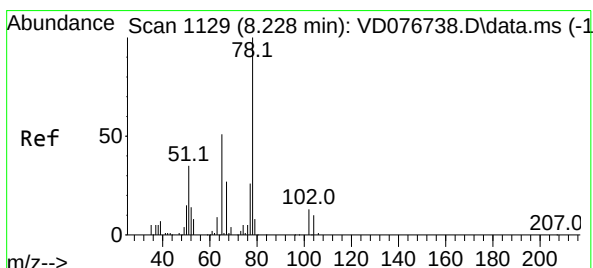
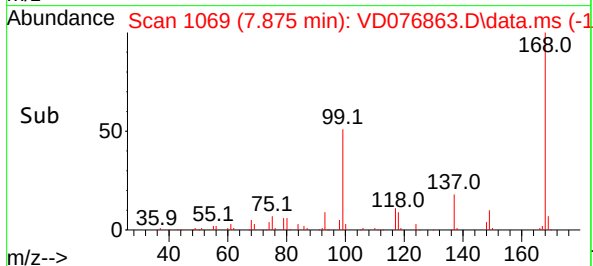
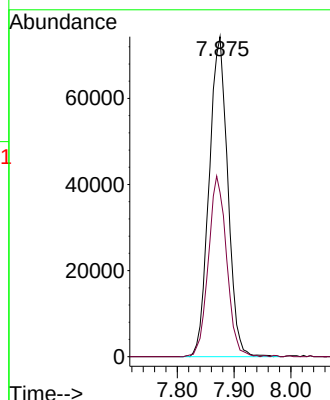
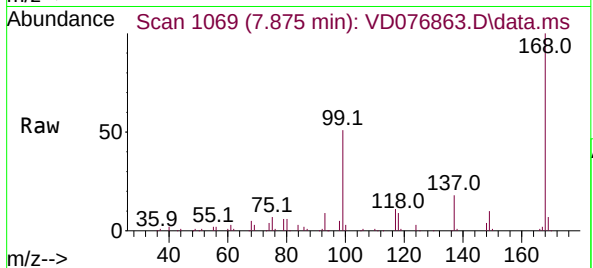




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

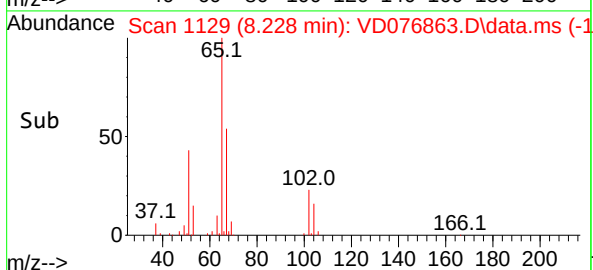
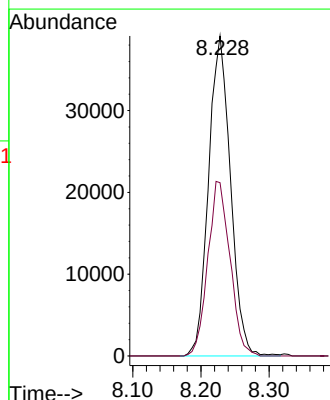
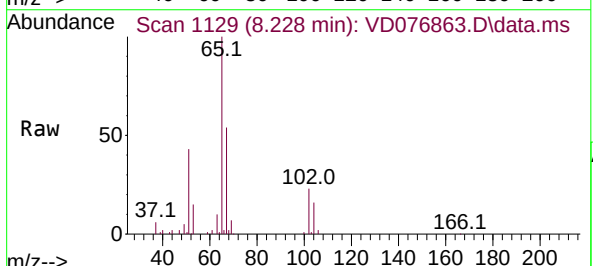
Instrument :
MSVOA_D
ClientSampleId :
B-P08A

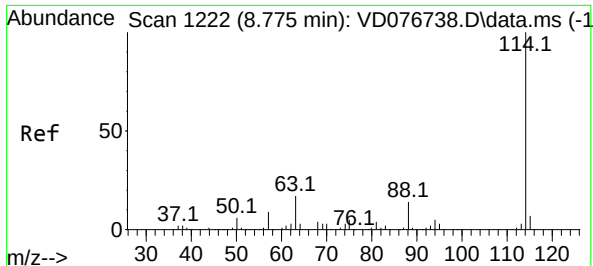
Tgt Ion:168 Resp: 168863
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.167 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion: 65 Resp: 87741
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076863.D

Acq: 28 Jul 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

B-P08A

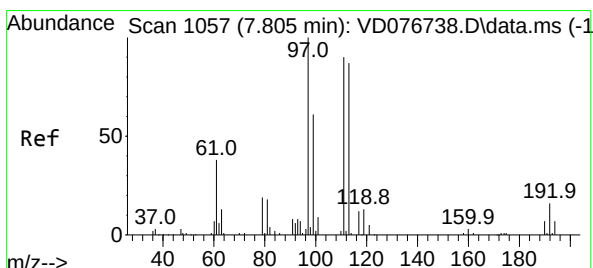
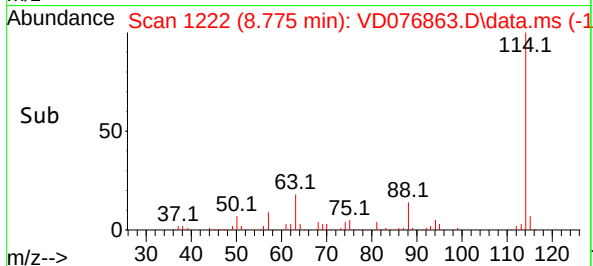
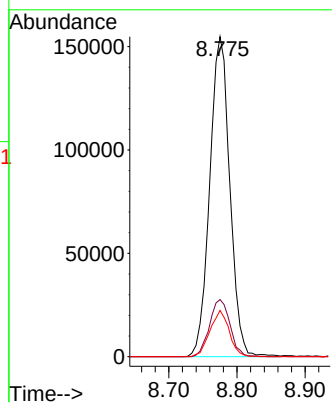
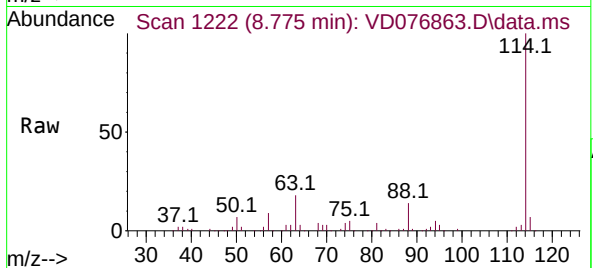
Tgt Ion:114 Resp: 317502

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.346 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076863.D

Acq: 28 Jul 2023 19:16

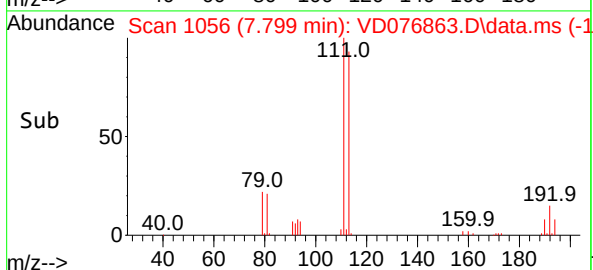
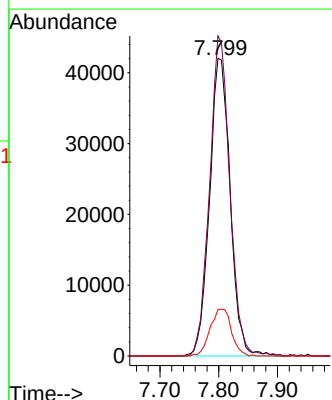
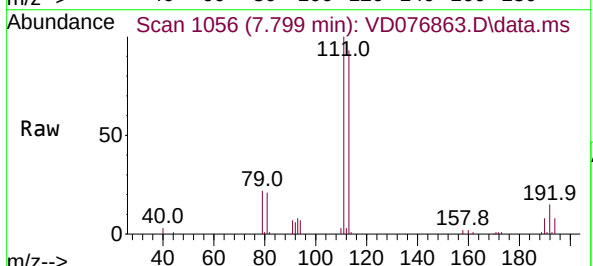
Tgt Ion:113 Resp: 102445

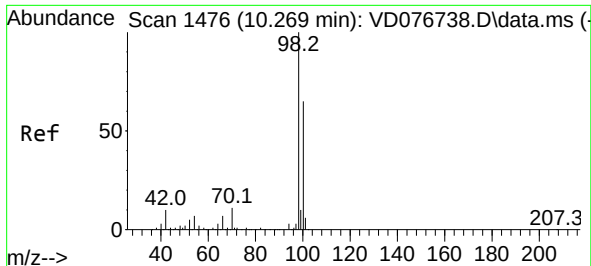
Ion Ratio Lower Upper

113 100

111 105.9 84.7 127.1

192 16.3 16.8 25.2#

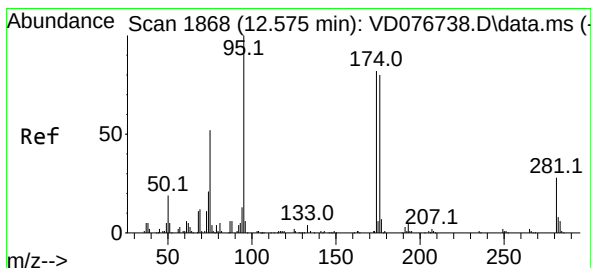
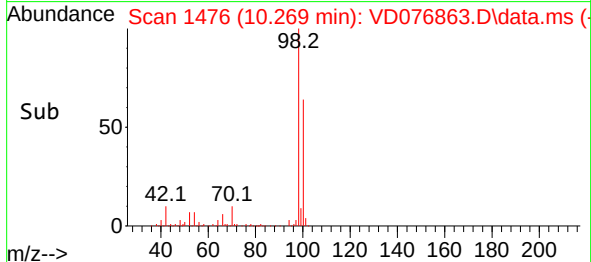
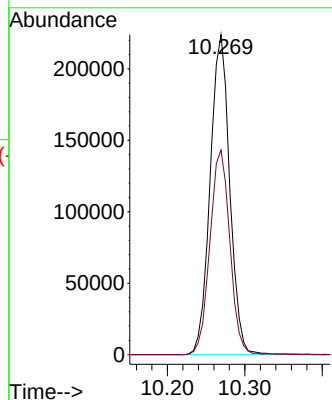
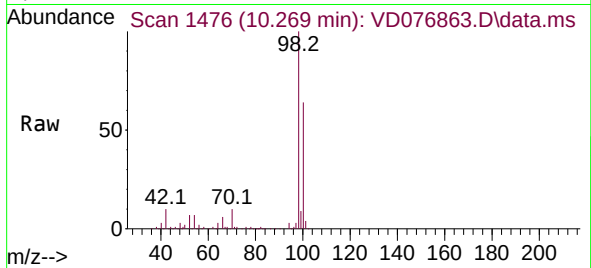




#50
Toluene-d8
Concen: 55.007 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

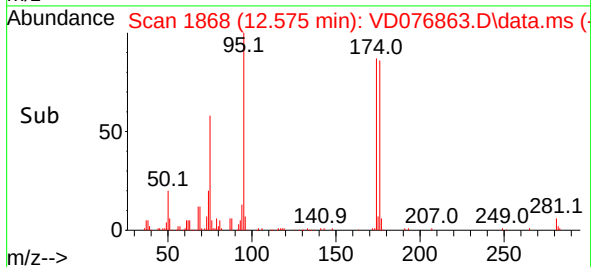
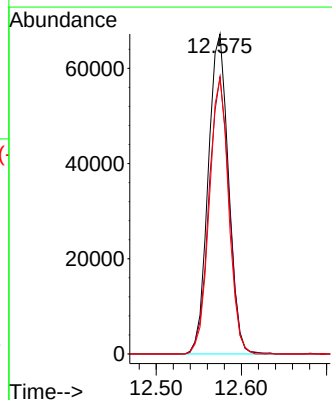
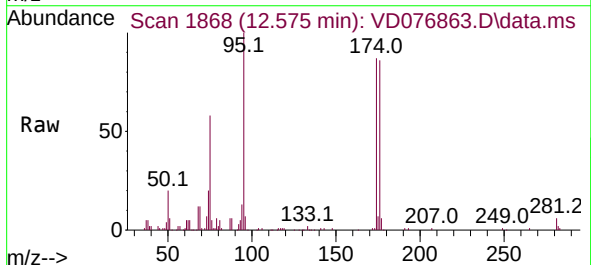
Instrument :
MSVOA_D
ClientSampleId :
B-P08A

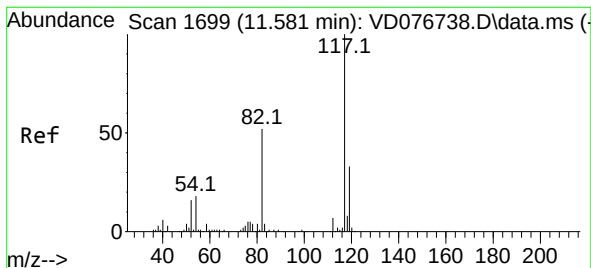
Tgt Ion: 98 Resp: 392621
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.135 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076863.D
Acq: 28 Jul 2023 19:16

Tgt Ion: 95 Resp: 111144
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 82.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076863.D

Acq: 28 Jul 2023 19:16

Instrument :

MSVOA_D

ClientSampleId :

B-P08A

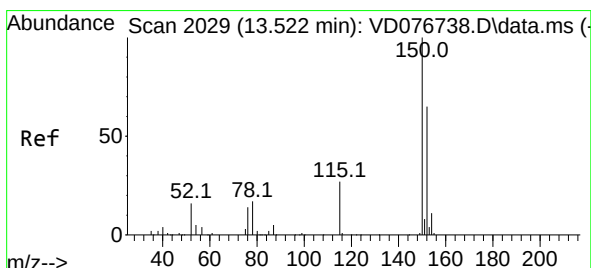
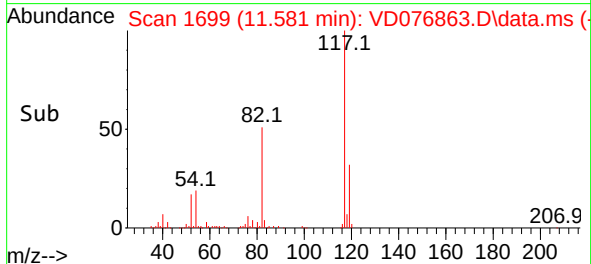
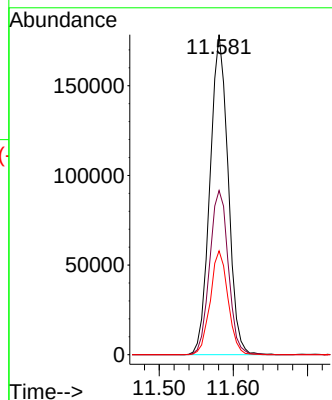
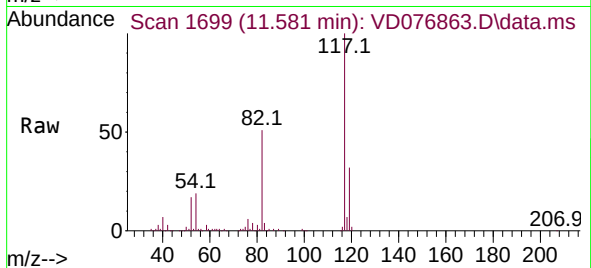
Tgt Ion:117 Resp: 302946

Ion Ratio Lower Upper

117 100

82 51.3 38.3 57.5

119 32.5 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076863.D

Acq: 28 Jul 2023 19:16

Tgt Ion:152 Resp: 128300

Ion Ratio Lower Upper

152 100

115 58.7 27.1 81.3

150 159.9 0.0 353.6

