

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077233.D
 Acq On : 28 Sep 2023 16:55
 Operator : JC/SY
 Sample : 04668-05
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR251697

Quant Time: Sep 29 02:20:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	501468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	512294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118205	51.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.480%
35) Dibromofluoromethane	7.799	113	158696	45.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.269	98	575011	46.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.760%
62) 4-Bromofluorobenzene	12.575	95	181438	47.216	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%

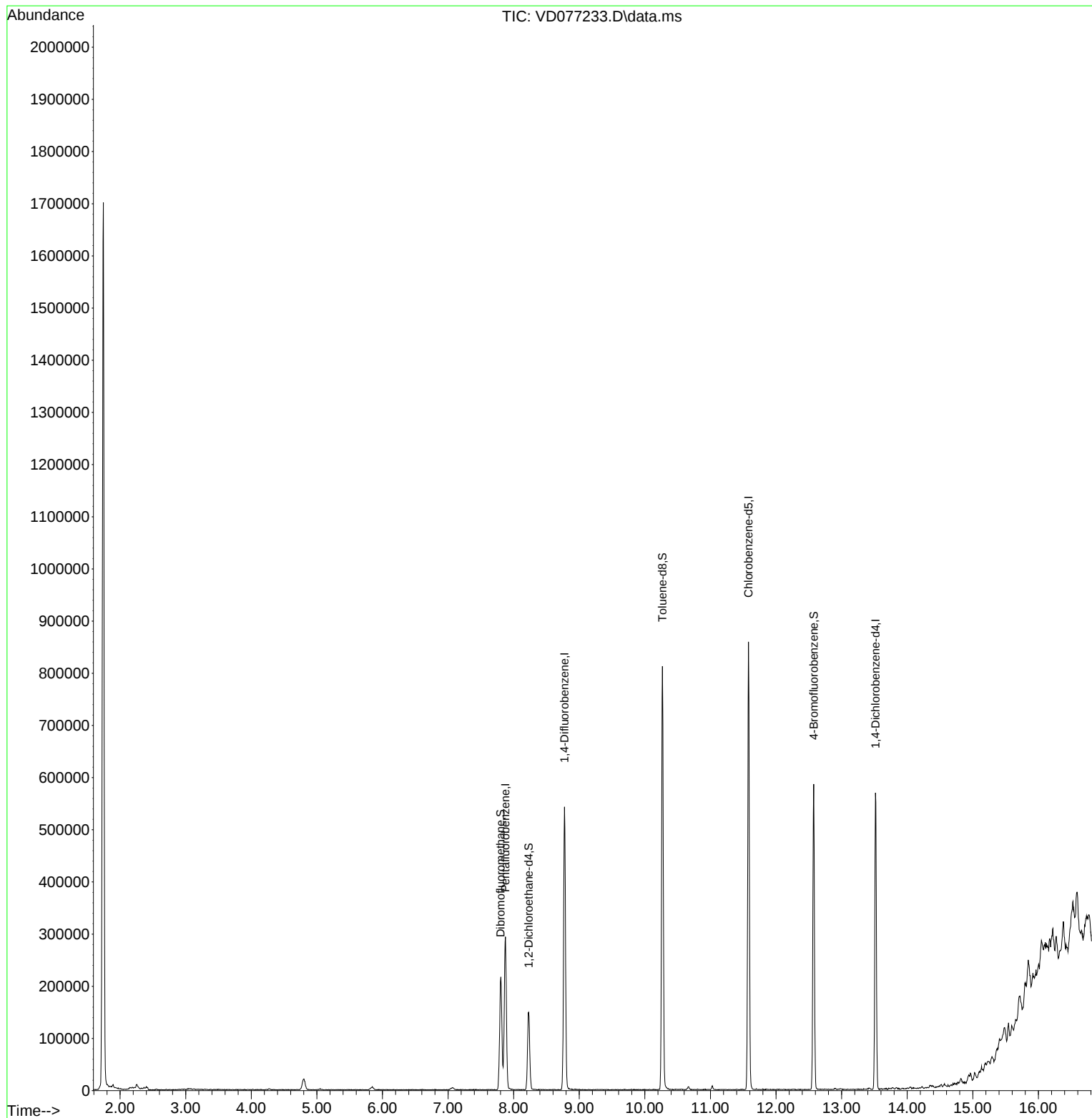
Target Compounds	Qvalue

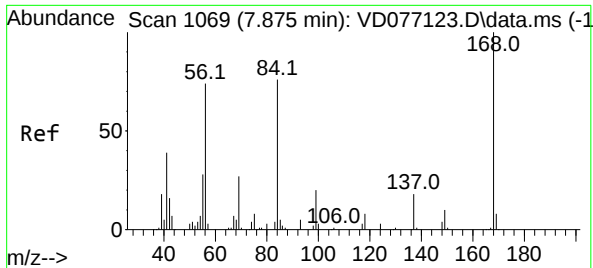
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077233.D
Acq On : 28 Sep 2023 16:55
Operator : JC/SY
Sample : 04668-05
Misc : 5.04G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR251697

Quant Time: Sep 29 02:20:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

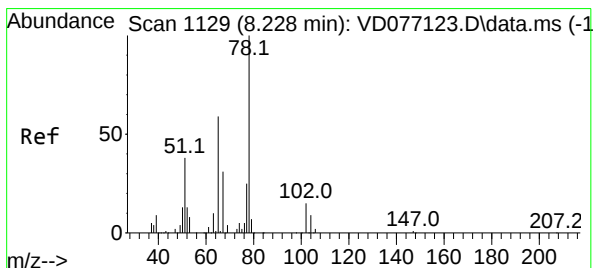
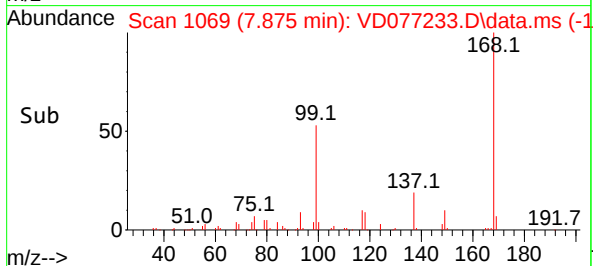
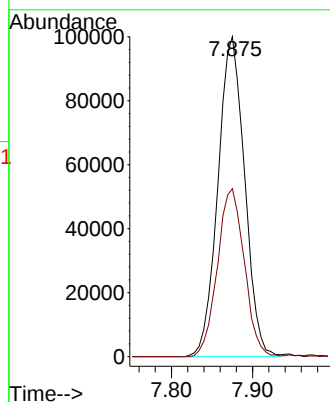
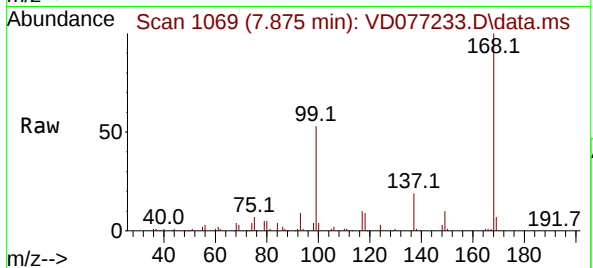




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077233.D
Acq: 28 Sep 2023 16:55

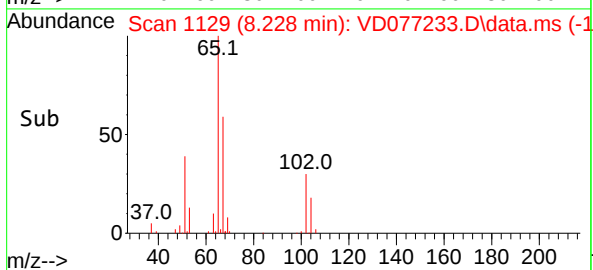
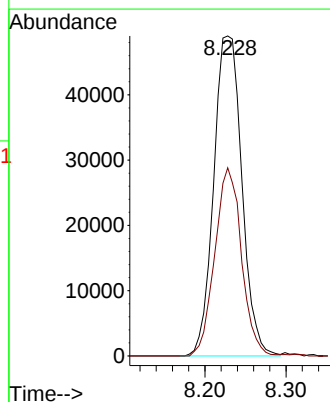
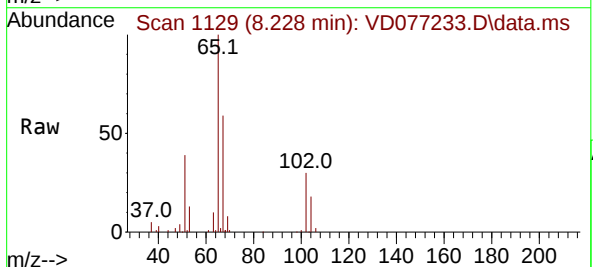
Instrument :
MSVOA_D
ClientSampleId :
RBR251697

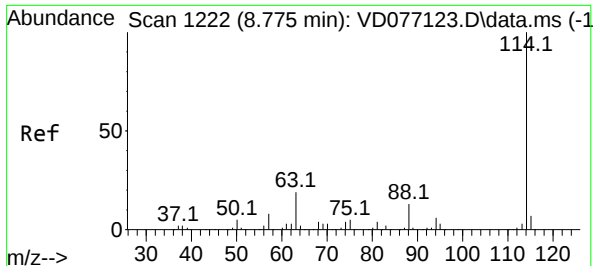
Tgt Ion:168 Resp: 228600
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.236 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077233.D
Acq: 28 Sep 2023 16:55

Tgt Ion: 65 Resp: 118205
Ion Ratio Lower Upper
65 100
67 55.6 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: VD077233.D

Acq: 28 Sep 2023 16:55

Instrument :

MSVOA_D

ClientSampleId :

RBR251697

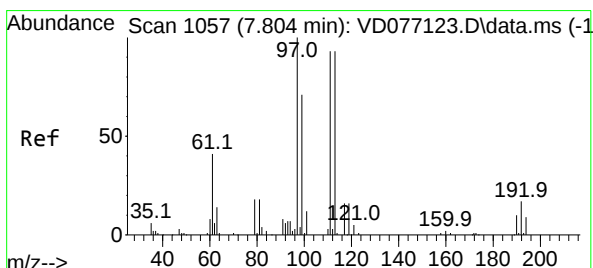
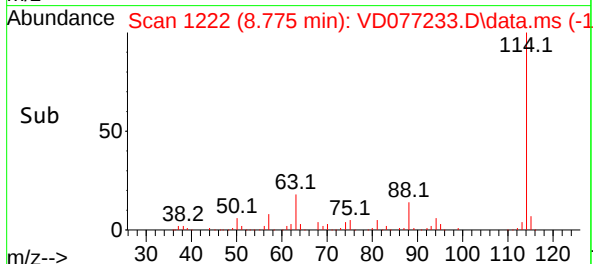
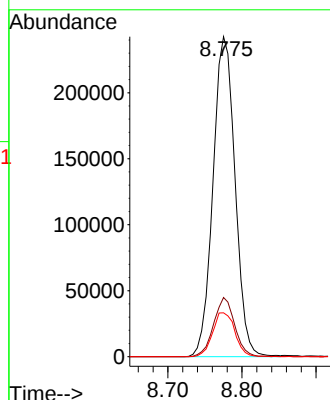
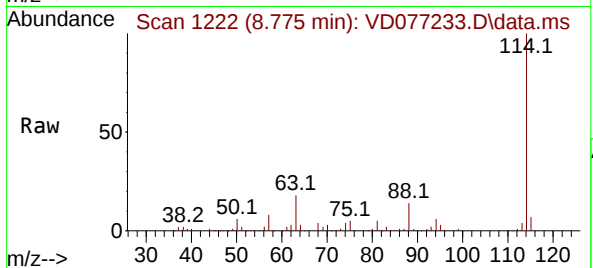
Tgt Ion:114 Resp: 501468

Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.561 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD077233.D

Acq: 28 Sep 2023 16:55

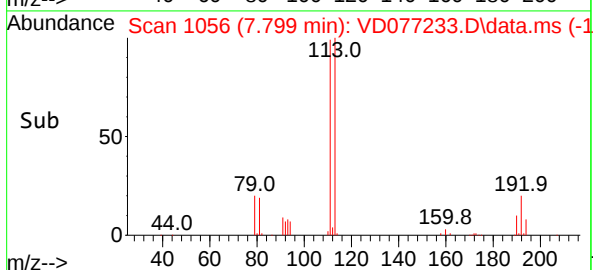
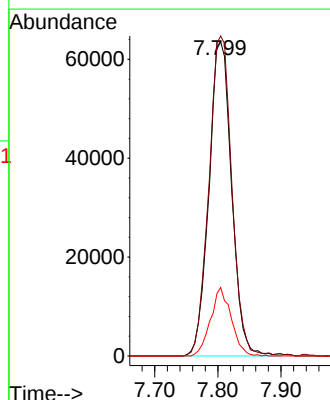
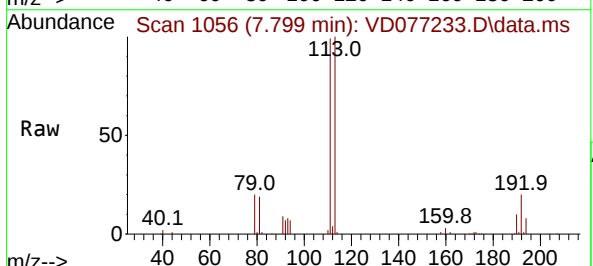
Tgt Ion:113 Resp: 158696

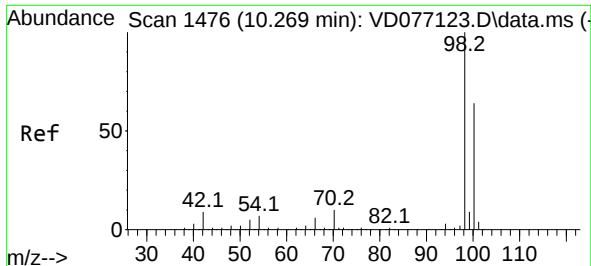
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 19.8 16.8 25.2

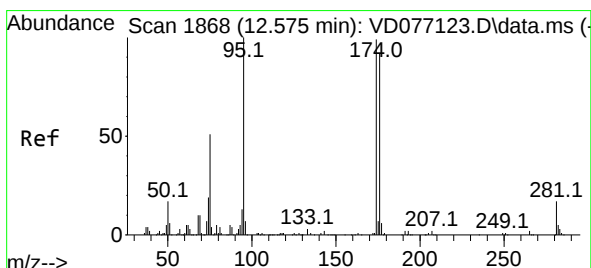
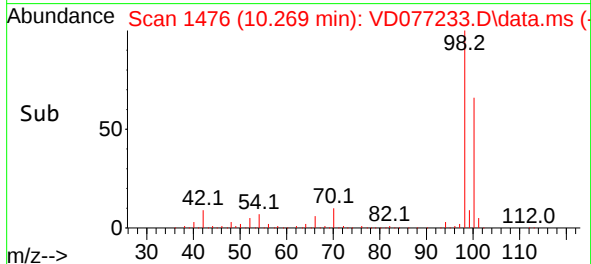
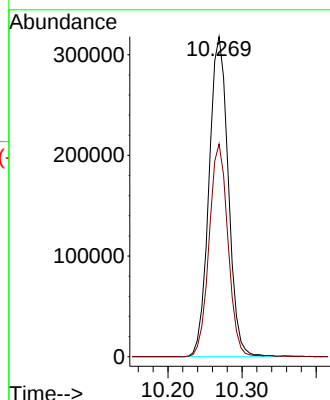
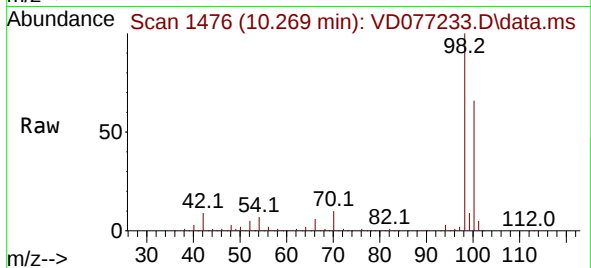




#50
Toluene-d8
Concen: 46.379 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077233.D
Acq: 28 Sep 2023 16:55

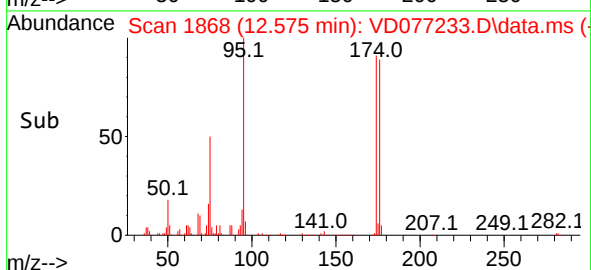
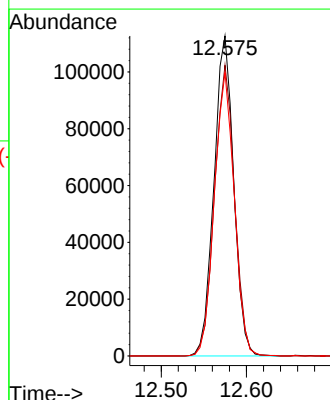
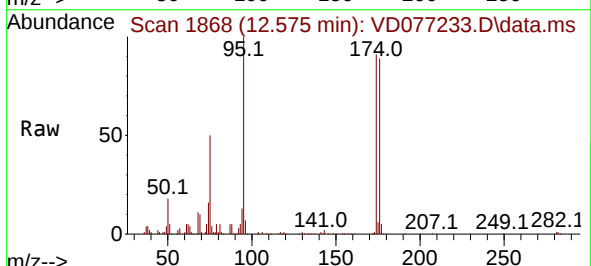
Instrument :
MSVOA_D
ClientSampleId :
RBR251697

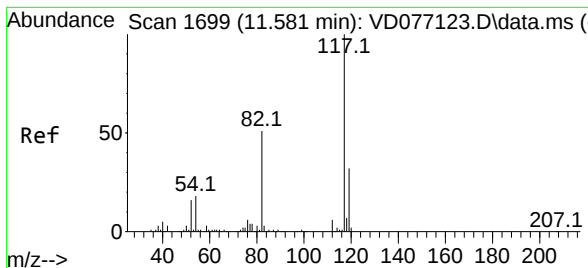
Tgt Ion: 98 Resp: 575011
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.216 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077233.D
Acq: 28 Sep 2023 16:55

Tgt Ion: 95 Resp: 181438
Ion Ratio Lower Upper
95 100
174 92.0 0.0 201.8
176 89.3 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: VD077233.D

Acq: 28 Sep 2023 16:55

Instrument :

MSVOA_D

ClientSampleId :

RBR251697

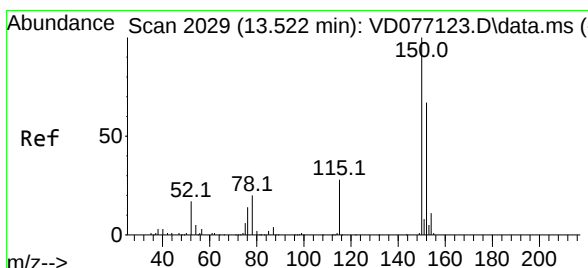
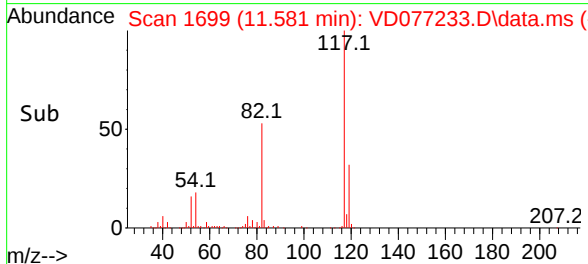
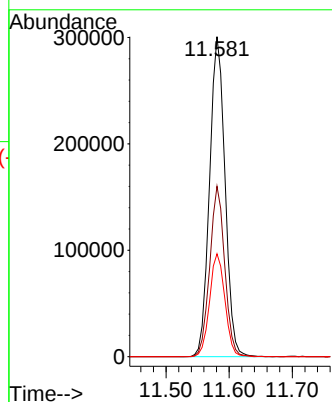
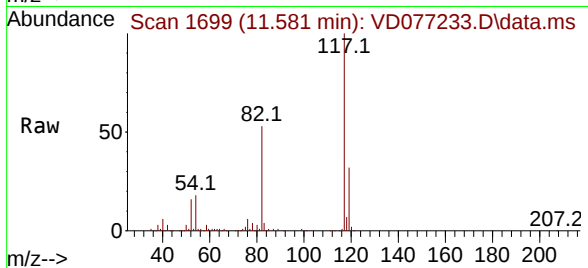
Tgt Ion:117 Resp: 512294

Ion Ratio Lower Upper

117 100

82 53.2 38.3 57.5

119 32.1 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: VD077233.D

Acq: 28 Sep 2023 16:55

Tgt Ion:152 Resp: 160712

Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 156.0 0.0 353.6

