

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076359.D
 Acq On : 07 Jun 2023 17:49
 Operator : KP/SY
 Sample : 03051-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251580

Quant Time: Jun 08 01:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

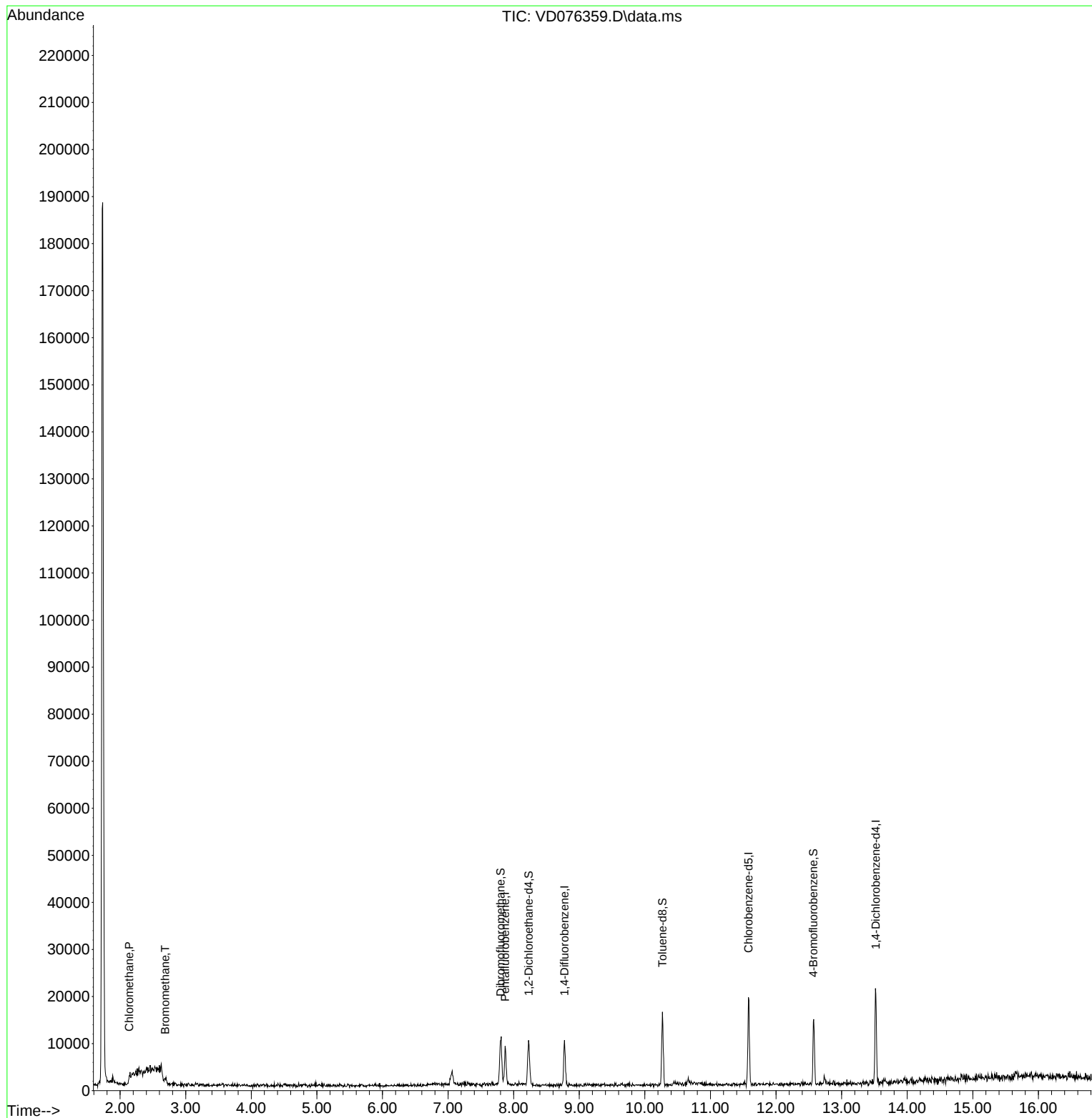
Internal Standards						
1) Pentafluorobenzene	7.869	168	6803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7610	124.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 249.700%#	
35) Dibromofluoromethane	7.799	113	7815	120.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 241.220%#	
50) Toluene-d8	10.269	98	11546	44.755	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.520%	
62) 4-Bromofluorobenzene	12.569	95	4618	67.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 135.280%	
Target Compounds						
3) Chloromethane	2.140	50	627	4.953	ug/l #	61
5) Bromomethane	2.687	94	876	8.126	ug/l	94

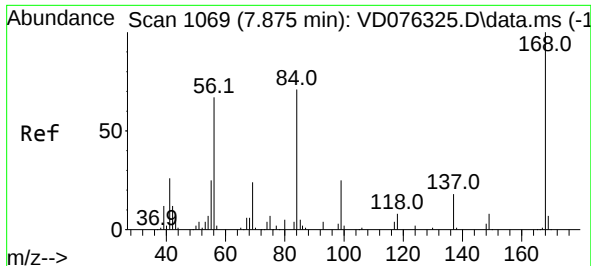
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
Data File : VD076359.D
Acq On : 07 Jun 2023 17:49
Operator : KP/SY
Sample : 03051-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-251580

Quant Time: Jun 08 01:19:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

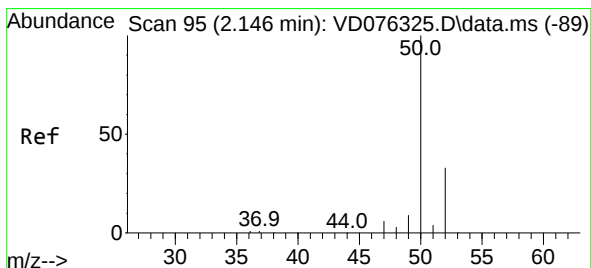
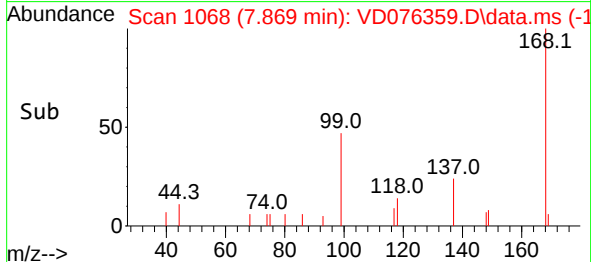
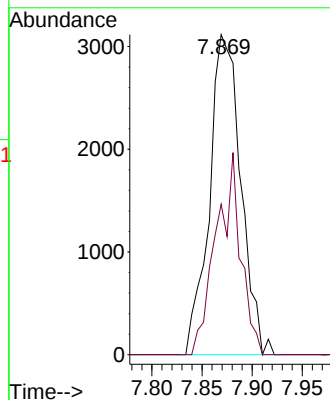
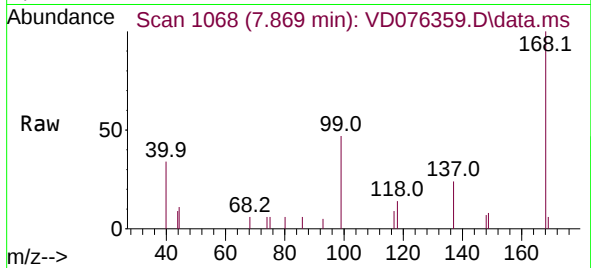




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076359.D
Acq: 07 Jun 2023 17:49

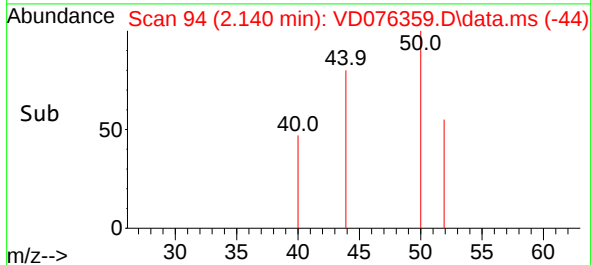
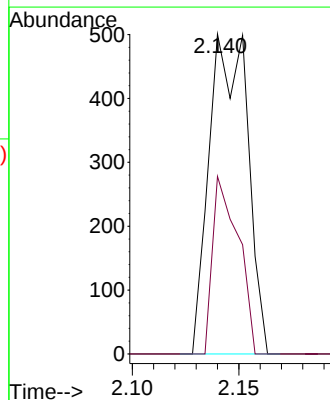
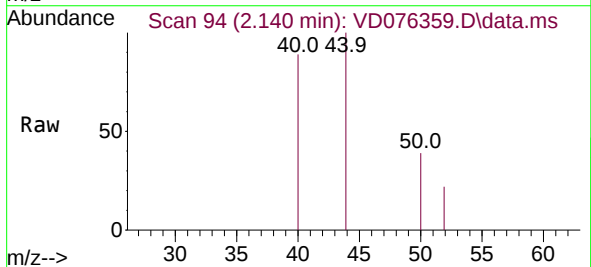
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580

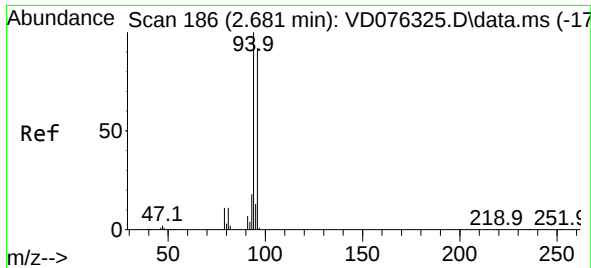
Tgt Ion:168 Resp: 6803
Ion Ratio Lower Upper
168 100
99 47.0 36.7 55.1



#3
Chloromethane
Concen: 4.953 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076359.D
Acq: 07 Jun 2023 17:49

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 55.5 26.6 40.0#

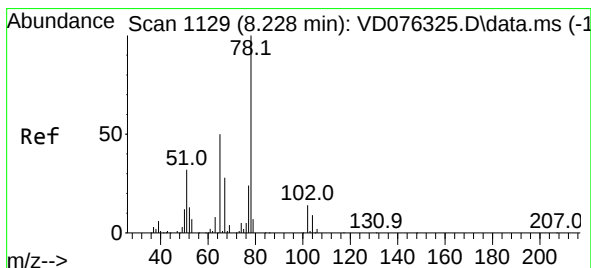
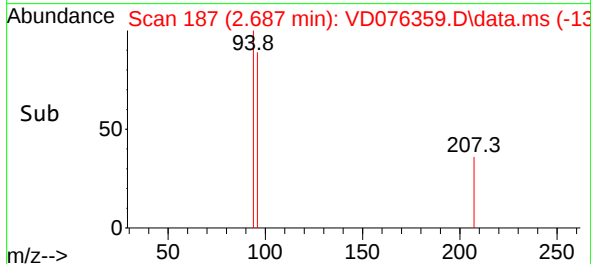
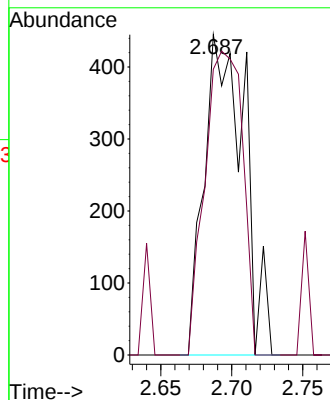
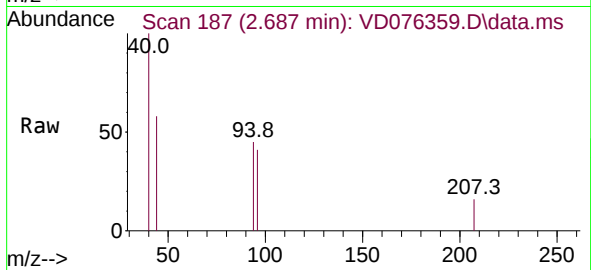




#5
Bromomethane
Concen: 8.126 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076359.D
Acq: 07 Jun 2023 17:49

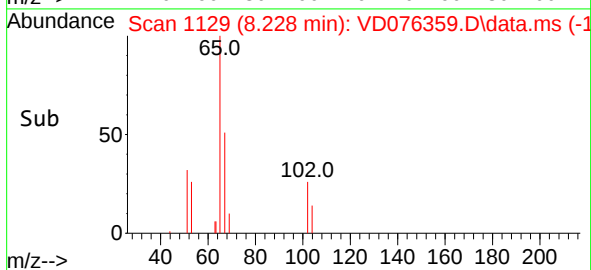
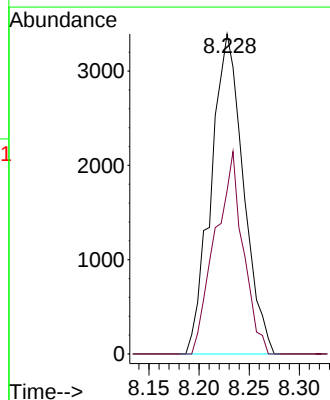
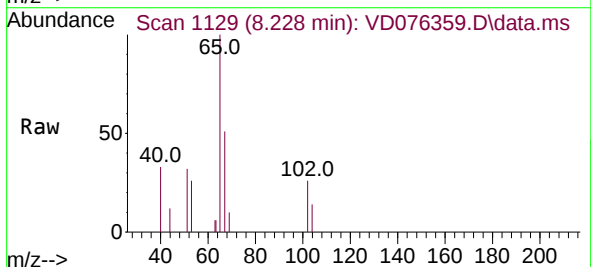
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580

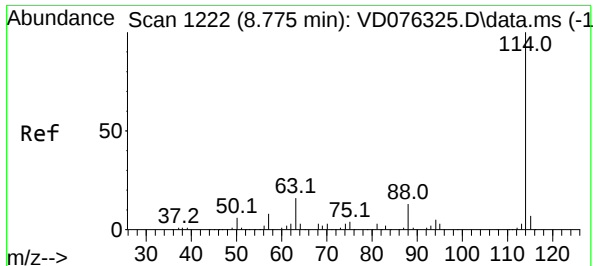
Tgt Ion: 94 Resp: 876
Ion Ratio Lower Upper
94 100
96 89.3 75.8 113.8



#33
1,2-Dichloroethane-d4
Concen: 124.847 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076359.D
Acq: 07 Jun 2023 17:49

Tgt Ion: 65 Resp: 7610
Ion Ratio Lower Upper
65 100
67 54.8 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: VD076359.D

Acq: 07 Jun 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

RBR-251580

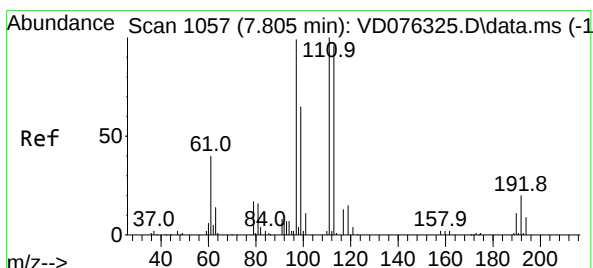
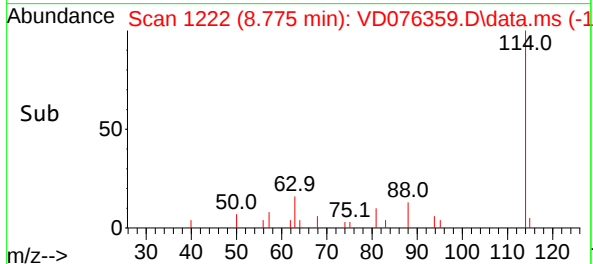
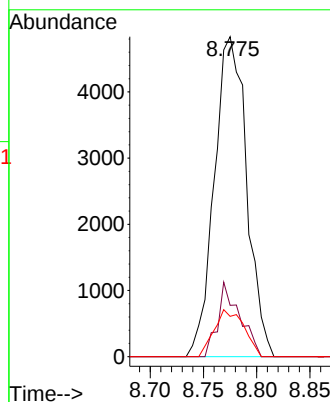
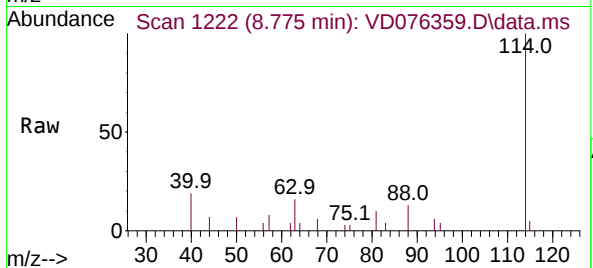
Tgt Ion:114 Resp: 10205

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 120.611 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076359.D

Acq: 07 Jun 2023 17:49

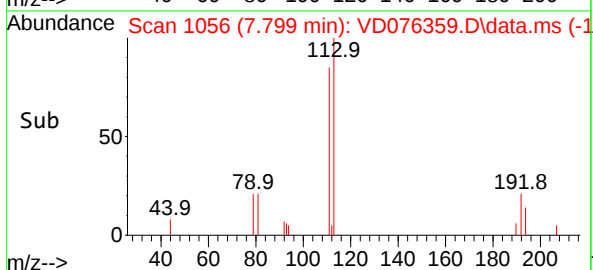
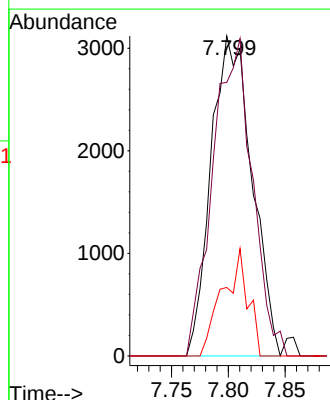
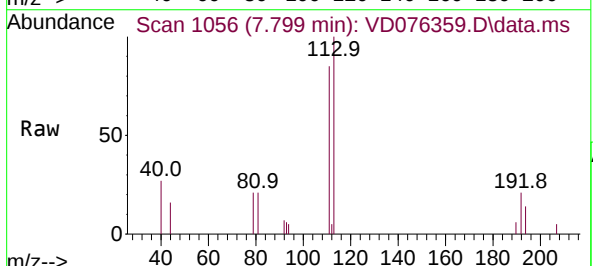
Tgt Ion:113 Resp: 7815

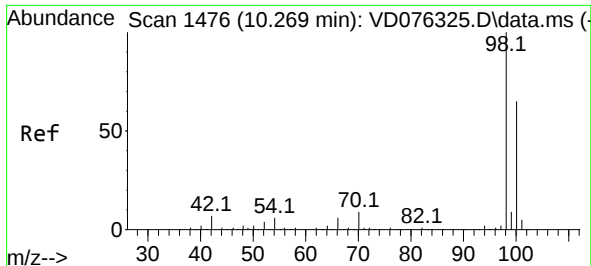
Ion Ratio Lower Upper

113 100

111 95.9 84.7 127.1

192 20.7 16.8 25.2

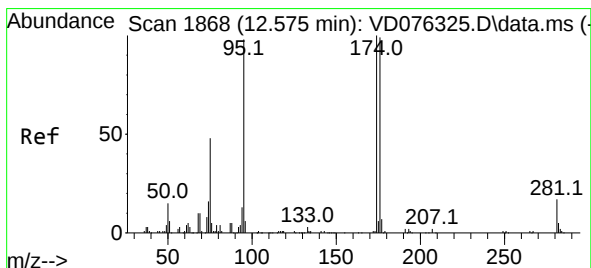
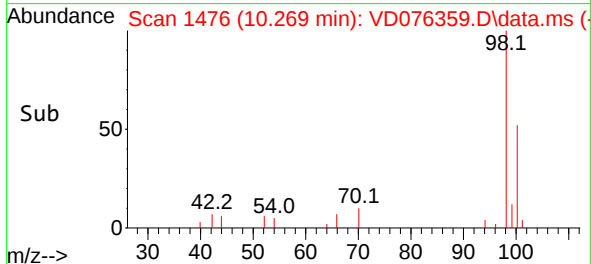
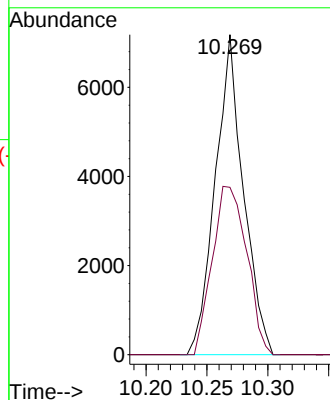
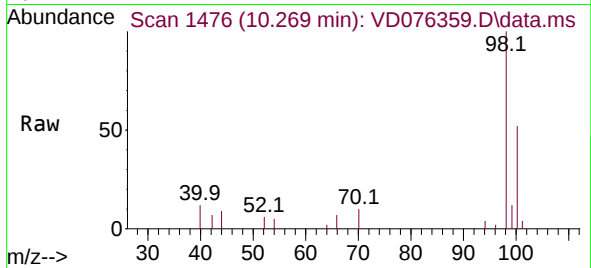




#50
Toluene-d8
Concen: 44.755 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076359.D
Acq: 07 Jun 2023 17:49

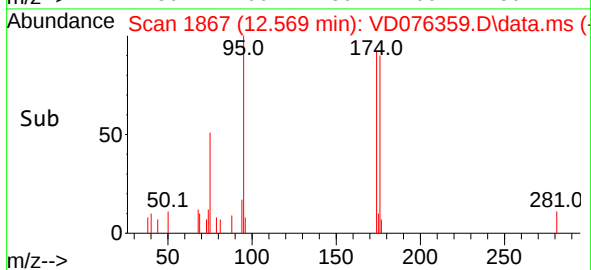
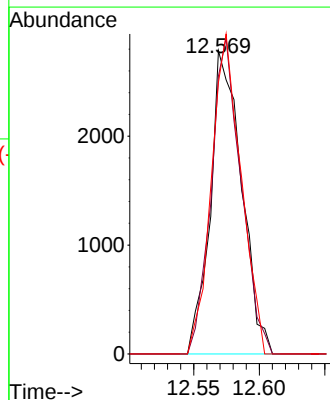
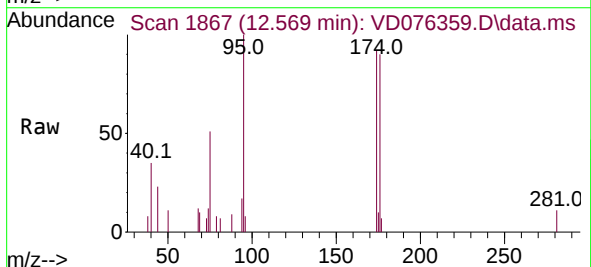
Instrument :
MSVOA_D
ClientSampleId :
RBR-251580

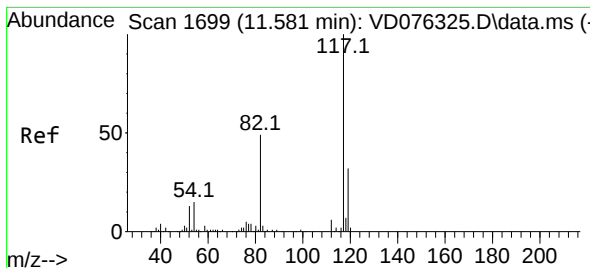
Tgt Ion: 98 Resp: 11546
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 67.641 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076359.D
Acq: 07 Jun 2023 17:49

Tgt Ion: 95 Resp: 4618
Ion Ratio Lower Upper
95 100
174 99.5 0.0 201.8
176 100.2 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: VD076359.D

Acq: 07 Jun 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

RBR-251580

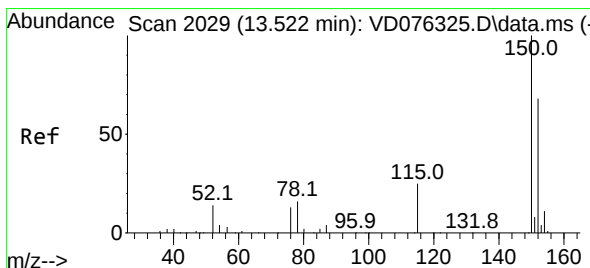
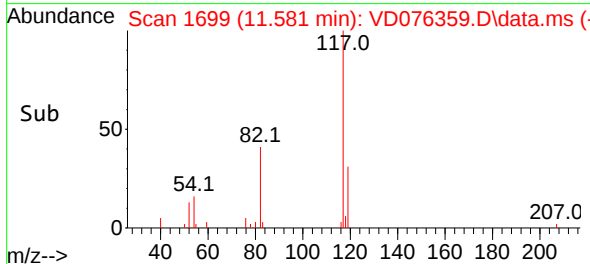
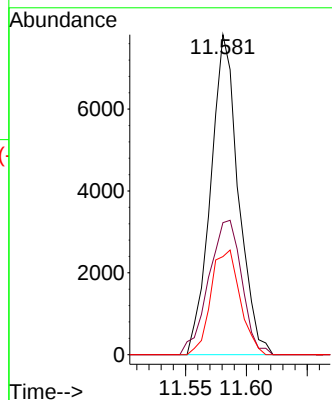
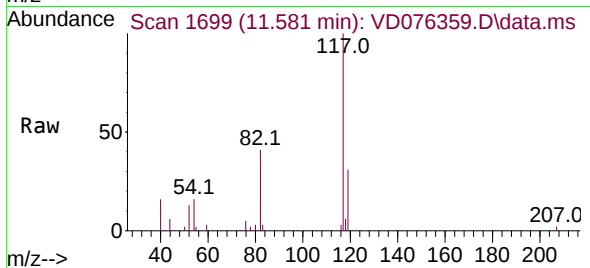
Tgt Ion:117 Resp: 12391

Ion Ratio Lower Upper

117 100

82 41.2 38.3 57.5

119 30.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076359.D

Acq: 07 Jun 2023 17:49

Tgt Ion:152 Resp: 6173

Ion Ratio Lower Upper

152 100

115 48.8 27.1 81.3

150 163.6 0.0 353.6

