

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077238.D
 Acq On : 28 Sep 2023 19:13
 Operator : JC/SY
 Sample : 04668-03
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200007

Quant Time: Sep 29 02:21:50 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	149590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	337280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	436411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	232102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86754	57.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.940%
35) Dibromofluoromethane	7.804	113	110598	47.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.420%
50) Toluene-d8	10.269	98	433785	52.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.574	95	189501	73.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	146.640%#

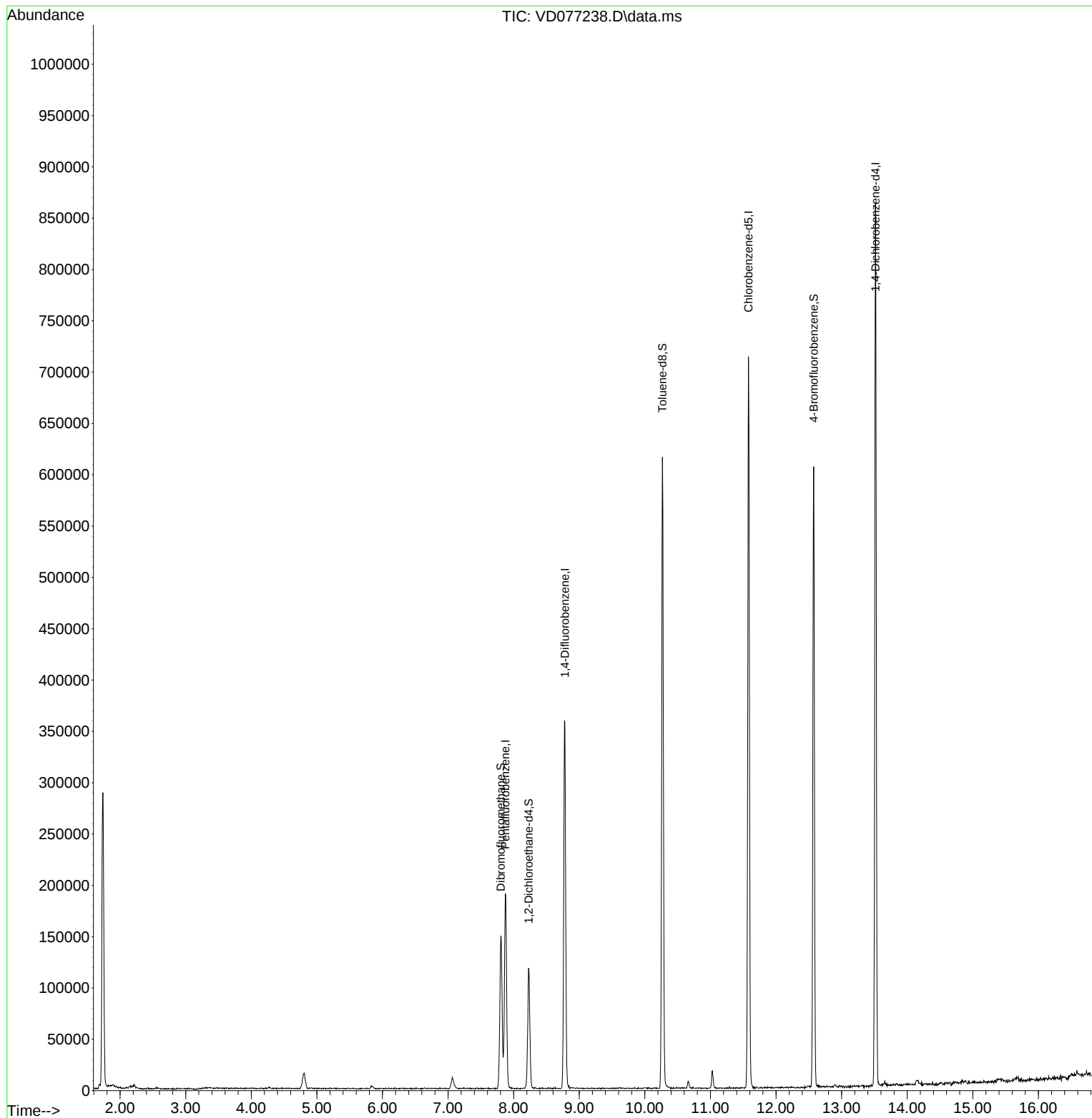
Target Compounds	Qvalue

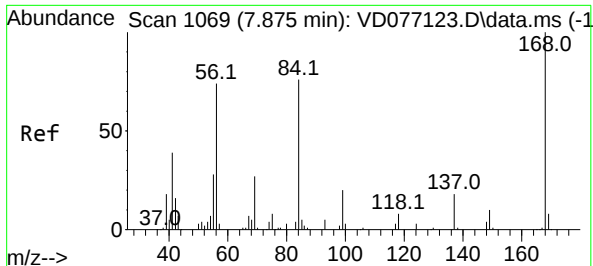
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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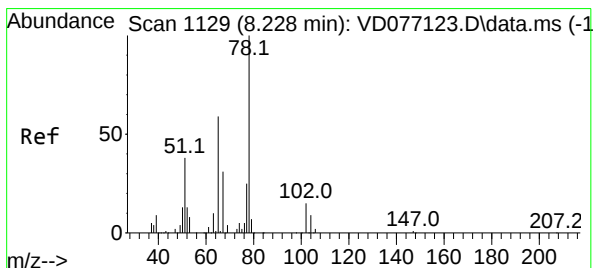
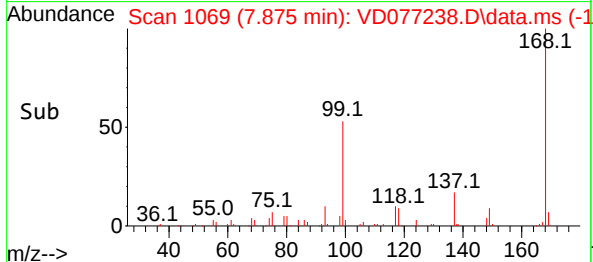
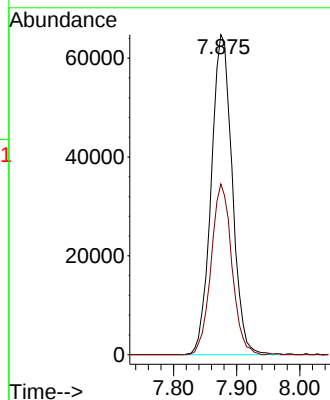
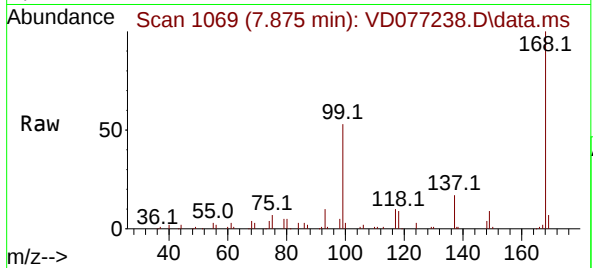




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

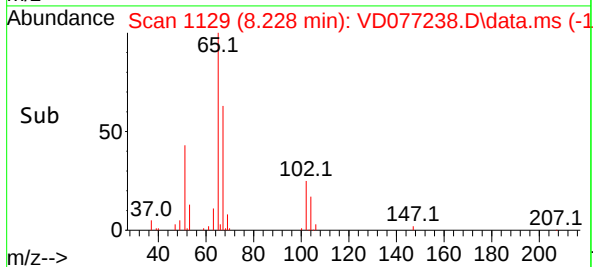
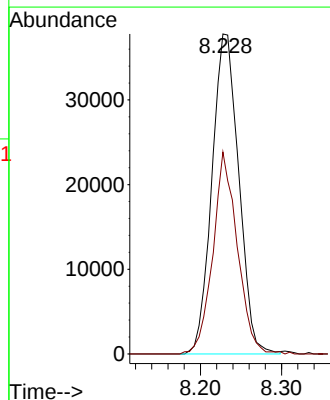
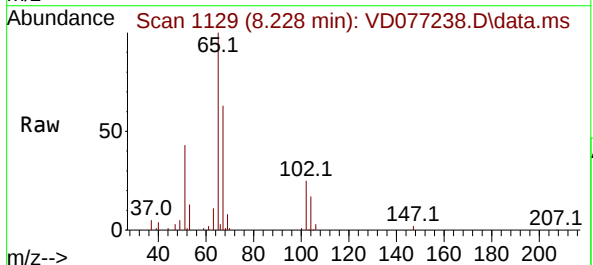
Instrument :
MSVOA_D
ClientSampleId :
RBR200007

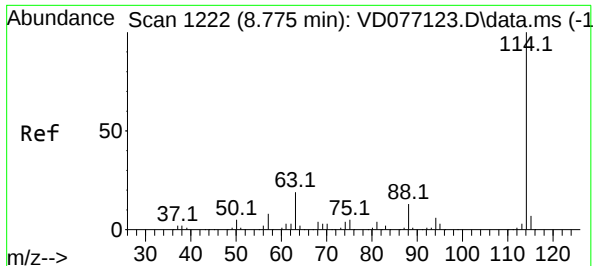
Tgt Ion:168 Resp: 149590
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 57.465 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Tgt Ion: 65 Resp: 86754
Ion Ratio Lower Upper
65 100
67 57.6 0.0 115.0

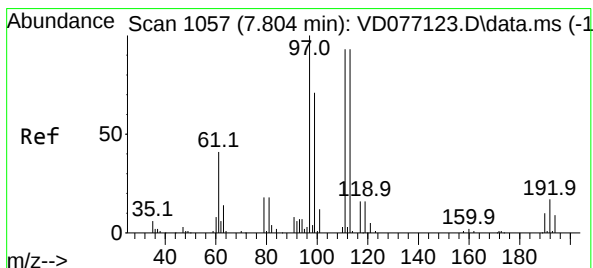
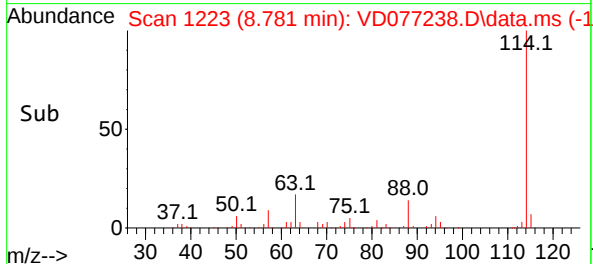
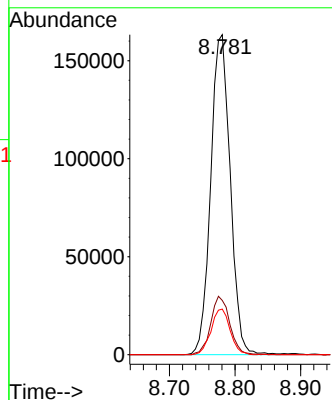
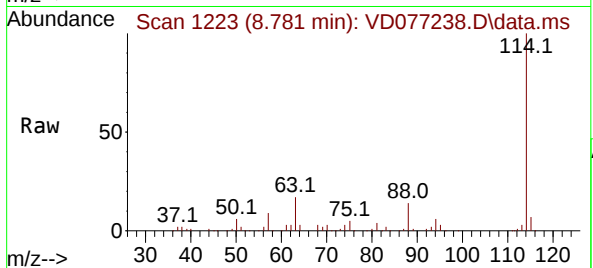




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

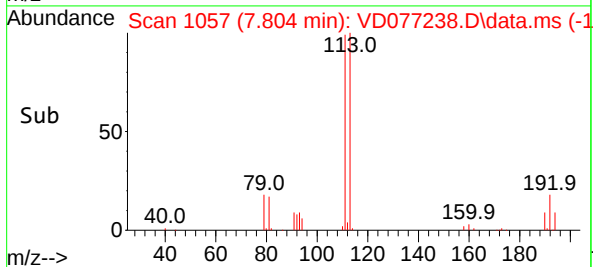
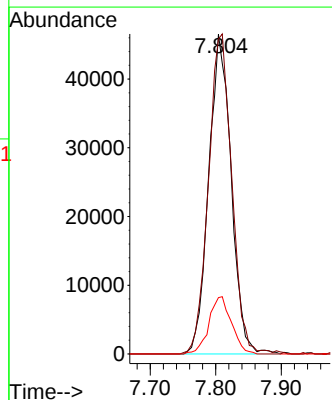
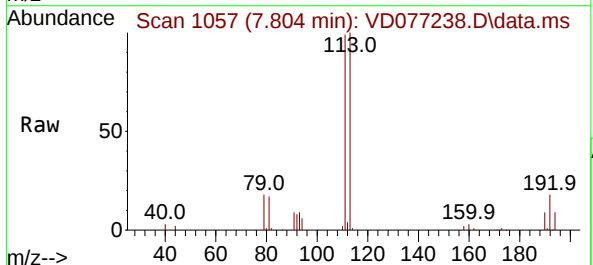
Instrument :
MSVOA_D
ClientSampleId :
RBR200007

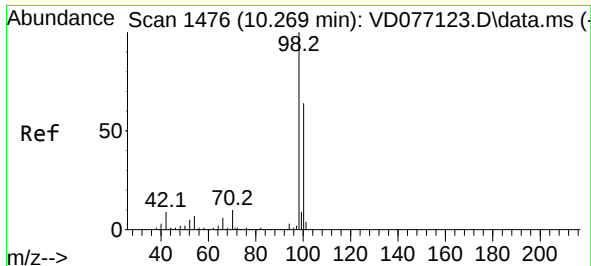
Tgt Ion:114 Resp: 337280
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 14.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.209 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Tgt Ion:113 Resp: 110598
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 18.0 16.8 25.2

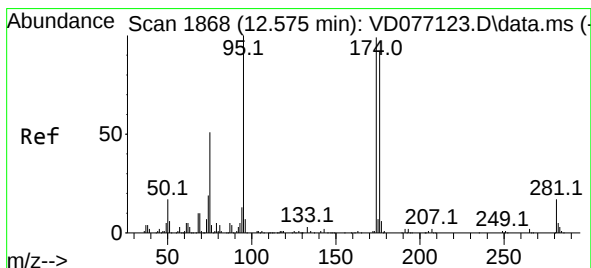
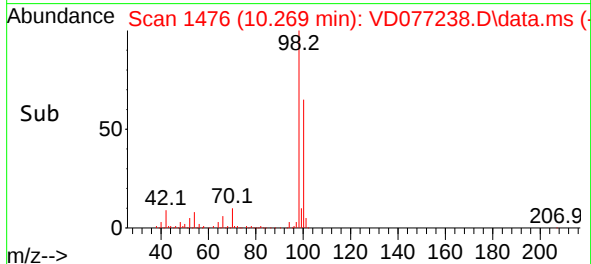
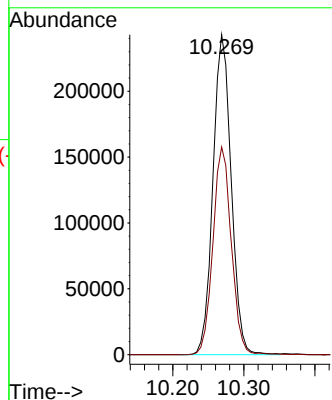
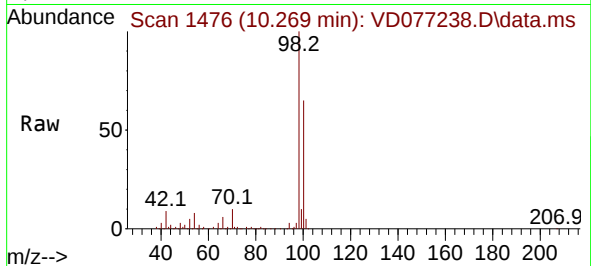




#50
Toluene-d8
Concen: 52.021 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

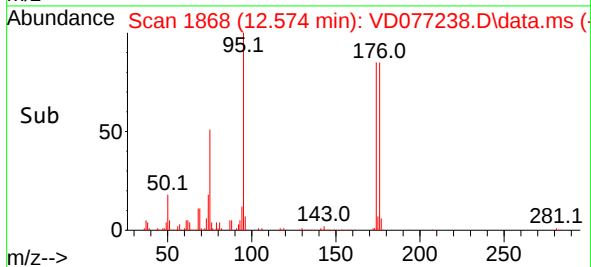
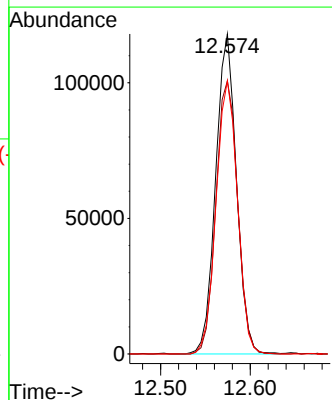
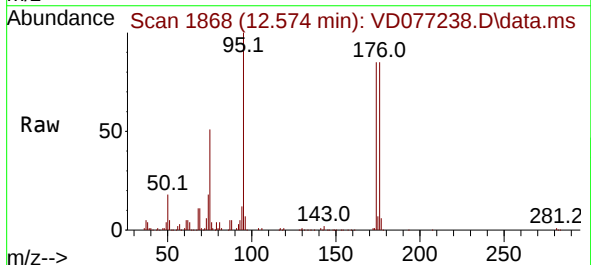
Instrument :
MSVOA_D
ClientSampleId :
RBR200007

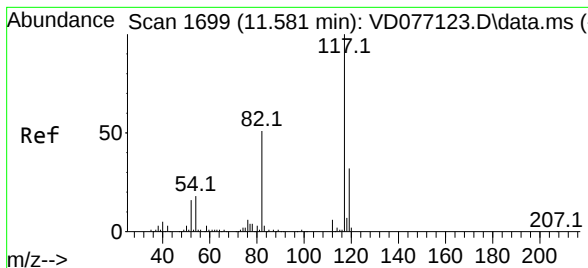
Tgt Ion: 98 Resp: 433785
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 73.321 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077238.D
Acq: 28 Sep 2023 19:13

Tgt Ion: 95 Resp: 189501
Ion Ratio Lower Upper
95 100
174 89.3 0.0 201.8
176 87.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077238.D

Acq: 28 Sep 2023 19:13

Instrument :

MSVOA_D

ClientSampleId :

RBR200007

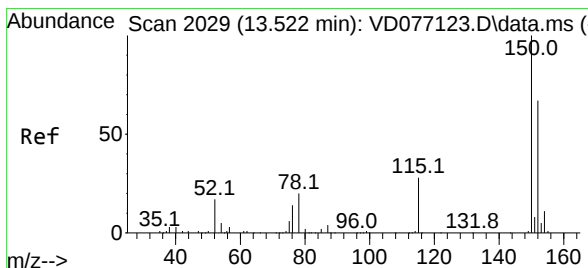
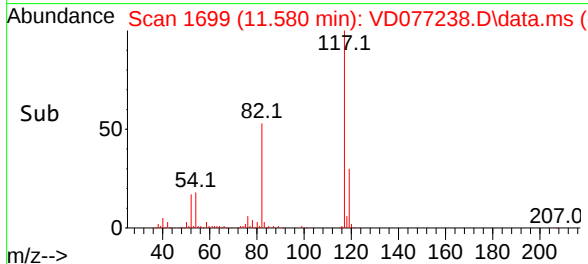
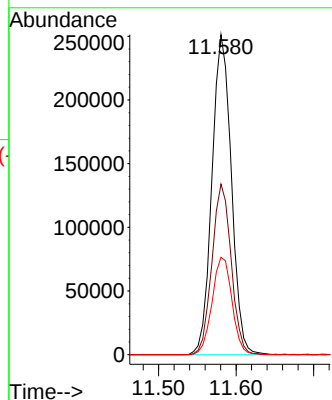
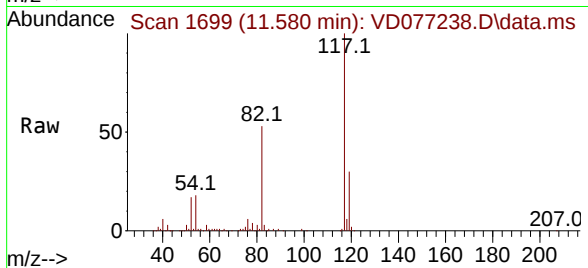
Tgt Ion:117 Resp: 436411

Ion Ratio Lower Upper

117 100

82 53.3 38.3 57.5

119 30.4 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: VD077238.D

Acq: 28 Sep 2023 19:13

Tgt Ion:152 Resp: 232102

Ion Ratio Lower Upper

152 100

115 58.4 27.1 81.3

150 156.5 0.0 353.6

