

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077236.D
 Acq On : 28 Sep 2023 18:18
 Operator : JC/SY
 Sample : 04668-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200045

Quant Time: Sep 29 02:21:09 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	160678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	355252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	461962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	167209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96742	59.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.320%
35) Dibromofluoromethane	7.805	113	119278	48.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.269	98	464316	52.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.740%
62) 4-Bromofluorobenzene	12.575	95	193995	71.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	142.520%

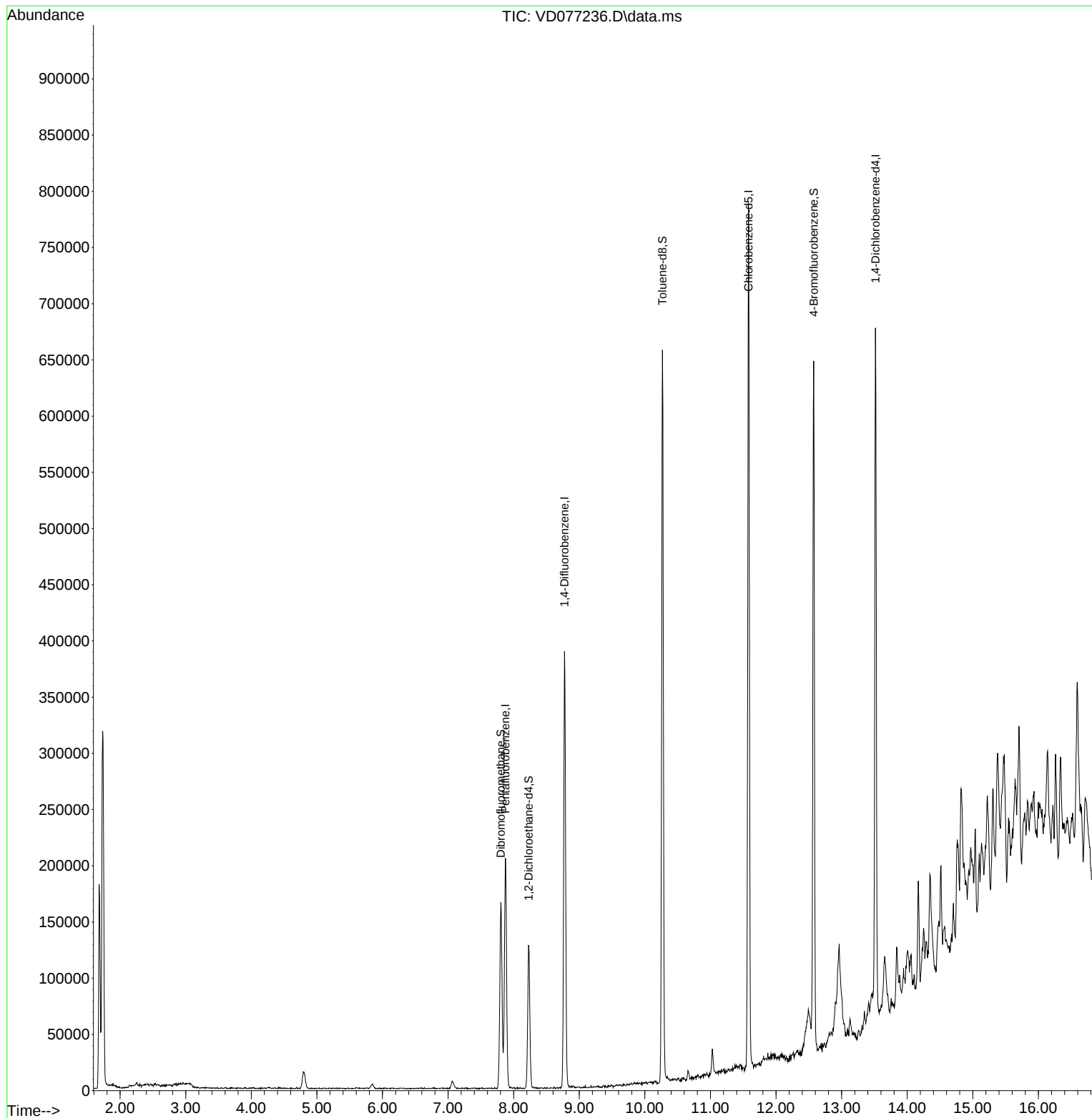
Target Compounds	Qvalue

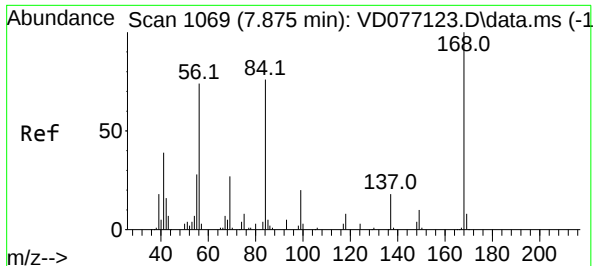
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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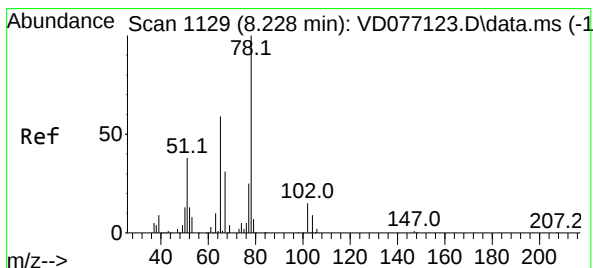
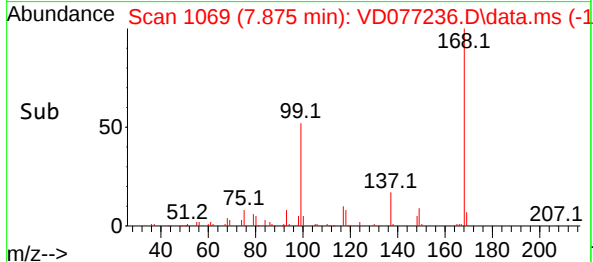
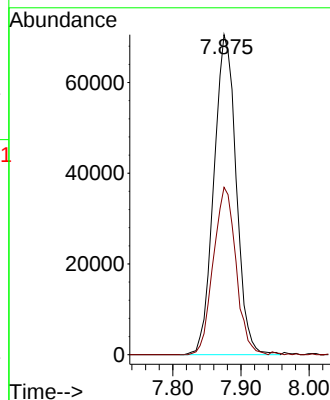
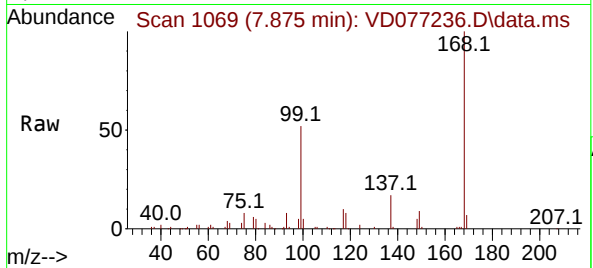




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

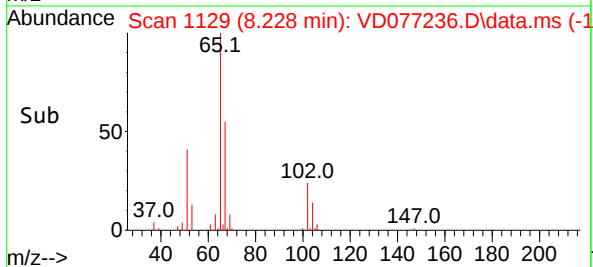
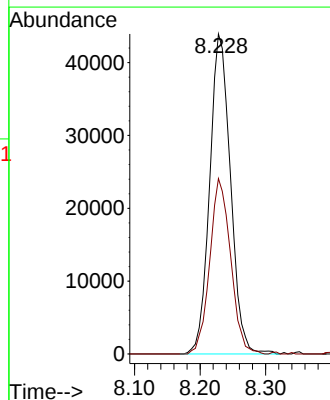
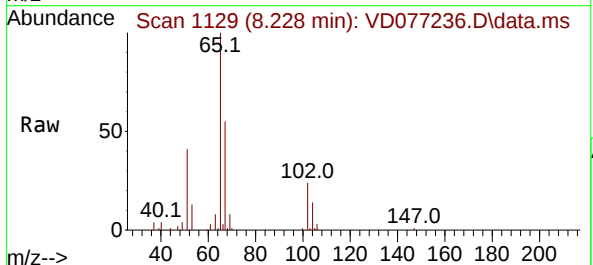
Instrument :
MSVOA_D
ClientSampleId :
RBR200045

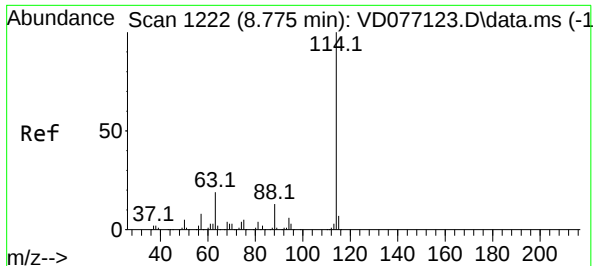
Tgt Ion:168 Resp: 160678
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 59.659 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

Tgt Ion: 65 Resp: 96742
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0

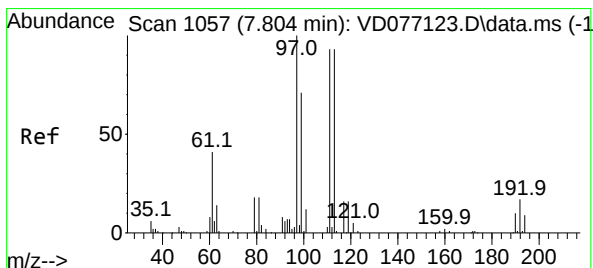
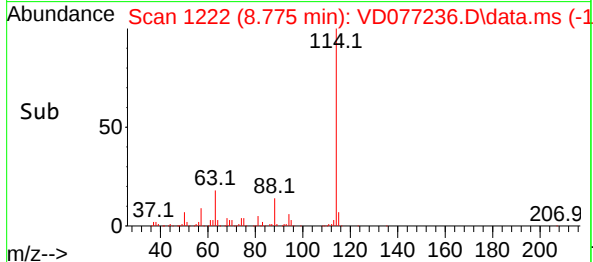
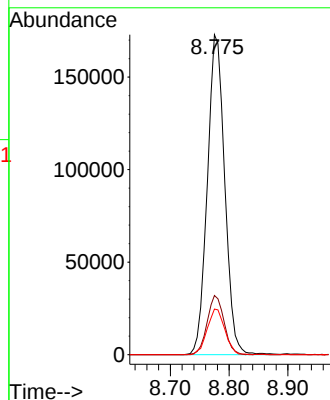
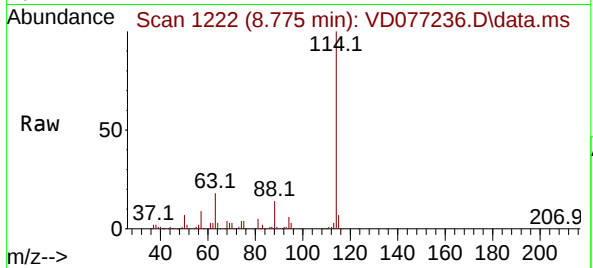




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

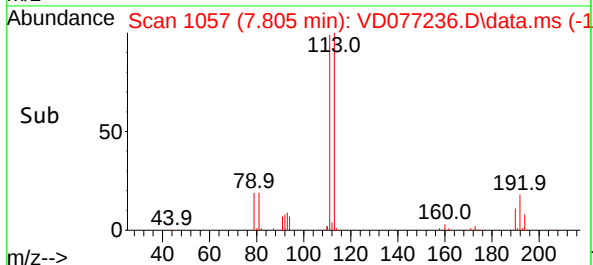
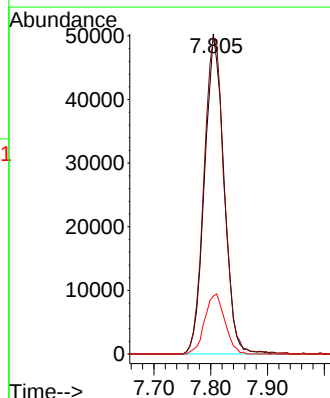
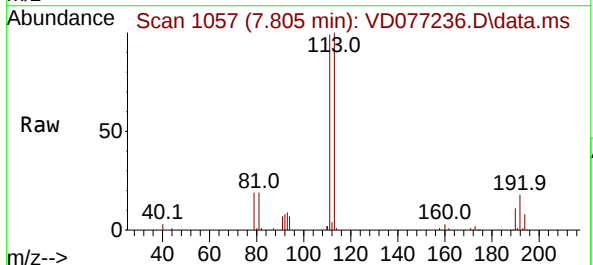
Instrument :
MSVOA_D
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RBR200045

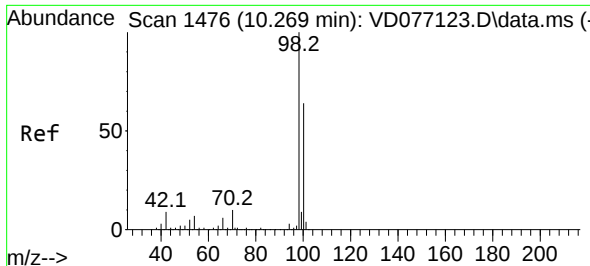
Tgt Ion:114 Resp: 355252
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.4
88 14.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.338 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

Tgt Ion:113 Resp: 119278
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 19.4 16.8 25.2

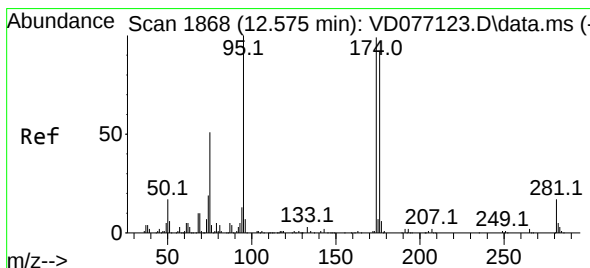
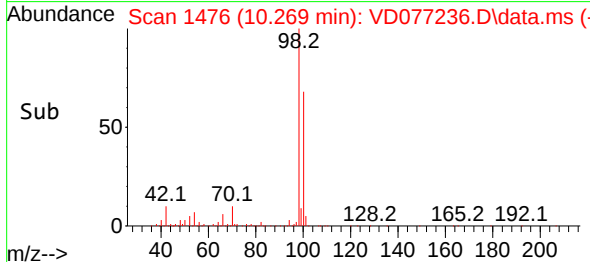
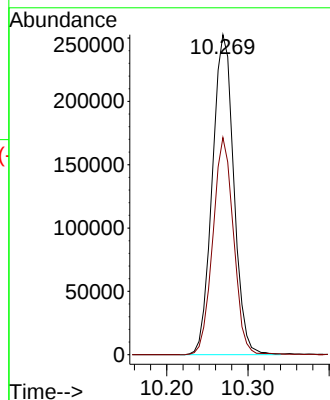
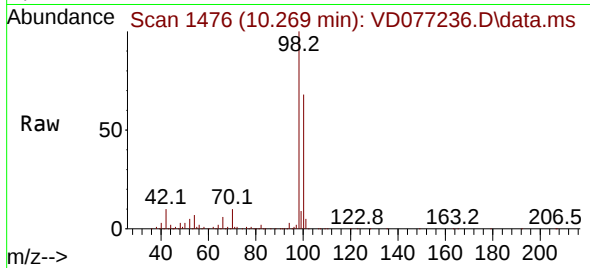




#50
Toluene-d8
Concen: 52.865 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

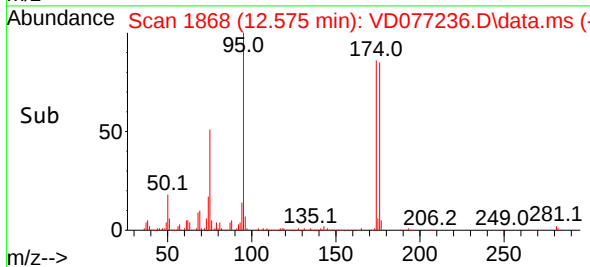
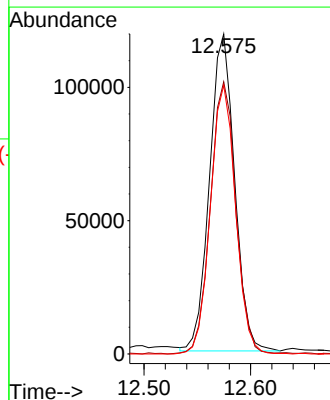
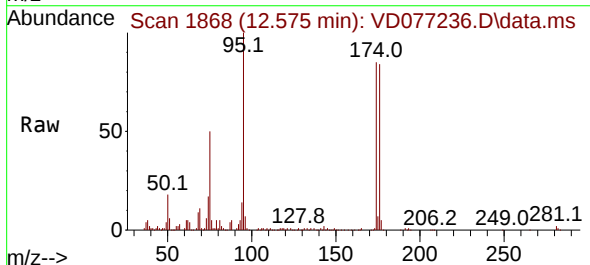
Instrument :
MSVOA_D
ClientSampleId :
RBR200045

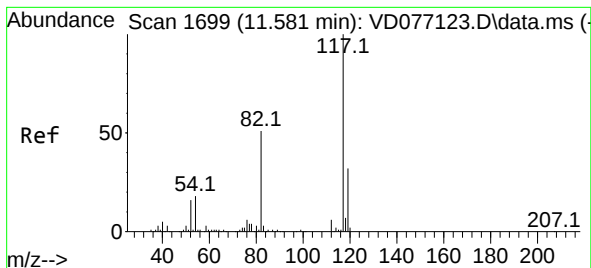
Tgt Ion: 98 Resp: 464316
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 71.263 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

Tgt Ion: 95 Resp: 193995
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 85.0 0.0 191.8

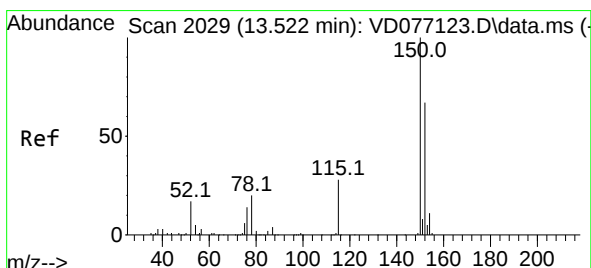
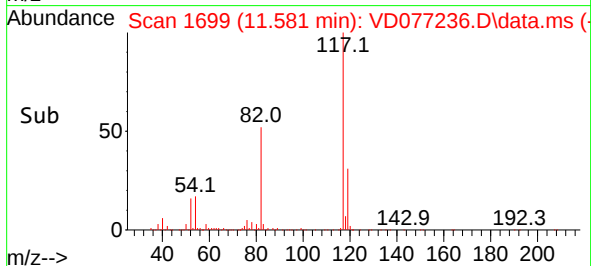
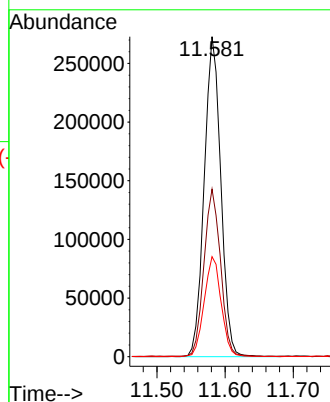
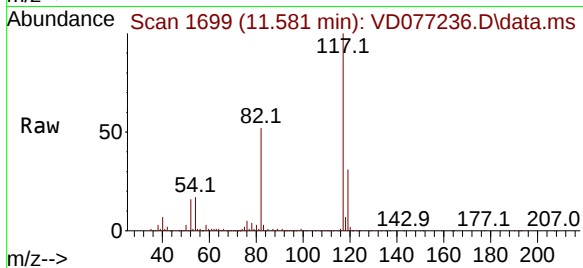




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077236.D
Acq: 28 Sep 2023 18:18

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

Tgt Ion:117 Resp: 461962
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 31.2 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: VD077236.D
Acq: 28 Sep 2023 18:18

Tgt Ion:152 Resp: 167209
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 158.8 0.0 353.6

