

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077161.D
 Acq On : 20 Sep 2023 10:59
 Operator : JC/SY
 Sample : VD0920SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0920SBL01

Quant Time: Sep 21 02:21:55 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	212284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	510576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	603882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	297746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119169	55.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.240%
35) Dibromofluoromethane	7.805	113	173491	48.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.269	98	679355	53.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.575	95	243536	62.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.500%

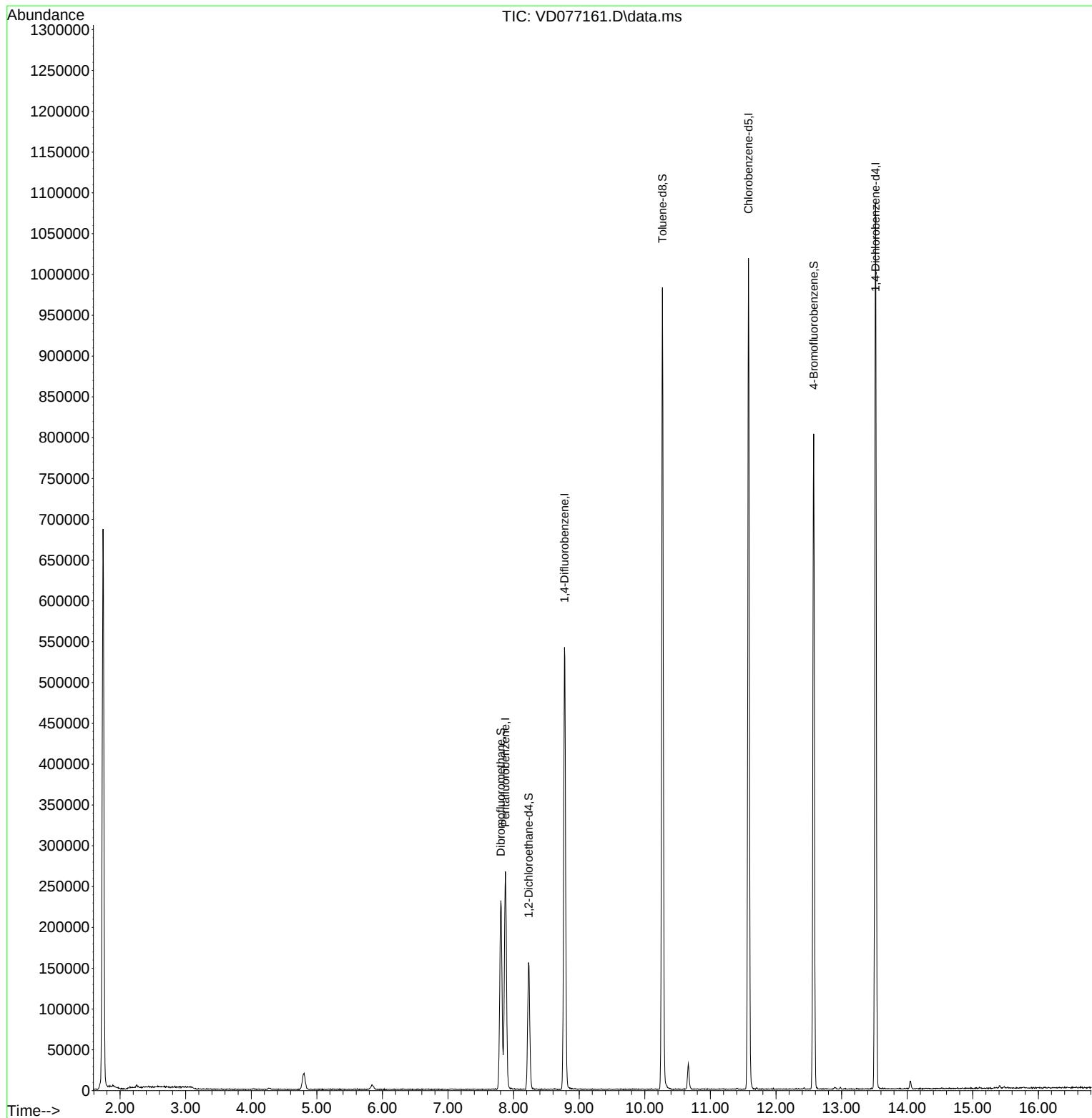
Target Compounds	Qvalue

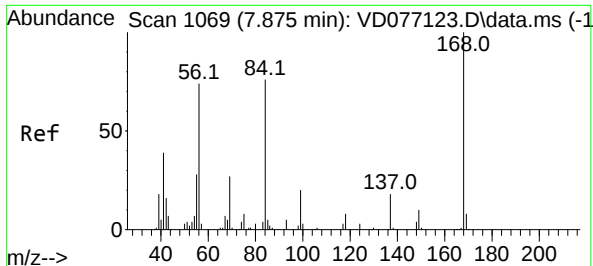
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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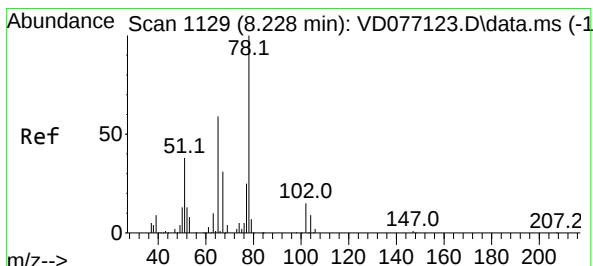
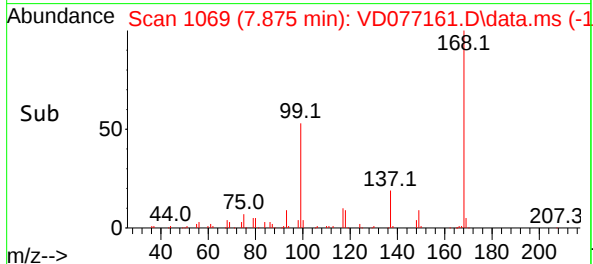
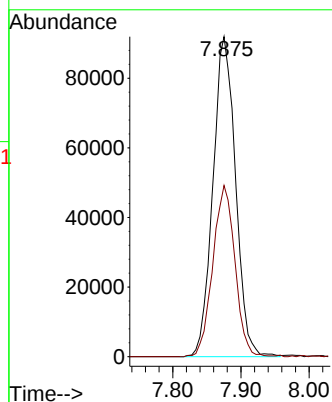
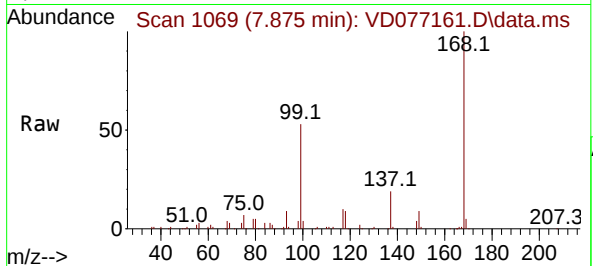




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077161.D
Acq: 20 Sep 2023 10:59

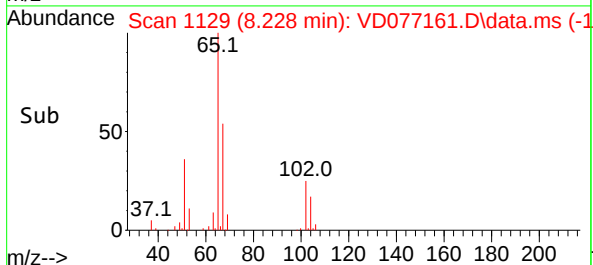
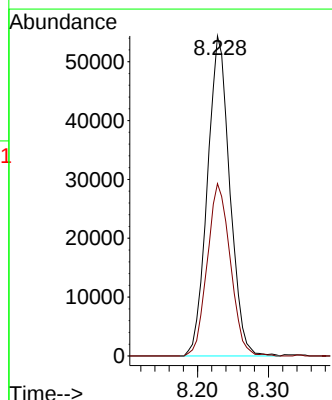
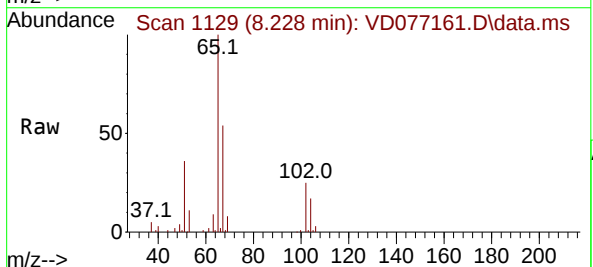
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

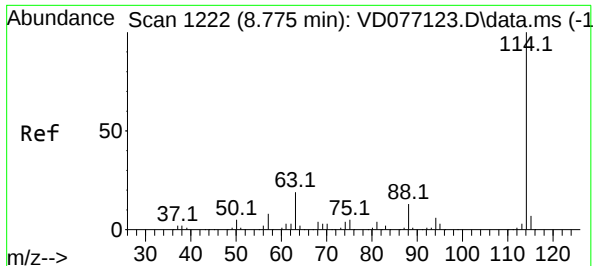
Tgt Ion:168 Resp: 212284
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.624 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077161.D
Acq: 20 Sep 2023 10:59

Tgt Ion: 65 Resp: 119169
Ion Ratio Lower Upper
65 100
67 55.4 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: VD077161.D

Acq: 20 Sep 2023 10:59

Instrument :

MSVOA_D

ClientSampleId :

VD0920SBL01

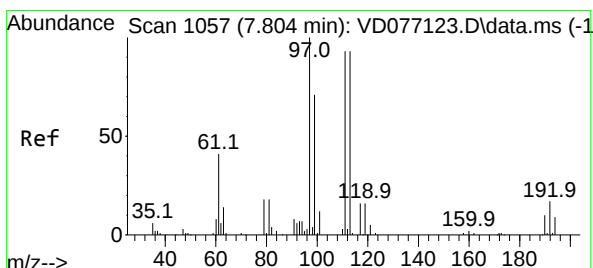
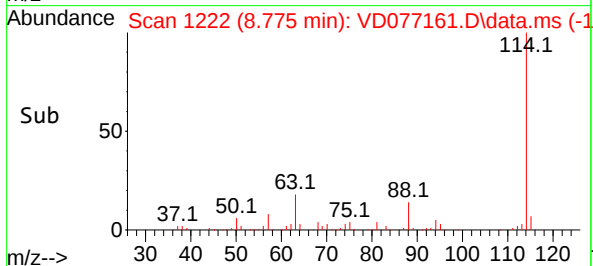
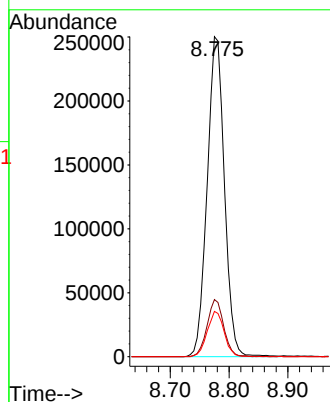
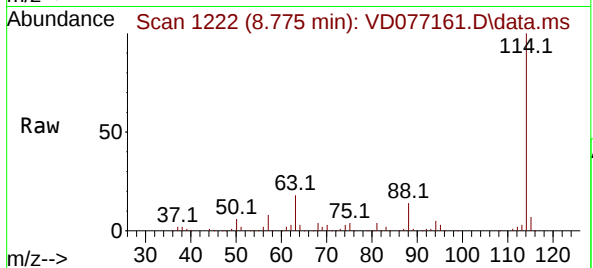
Tgt Ion:114 Resp: 510576

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.920 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077161.D

Acq: 20 Sep 2023 10:59

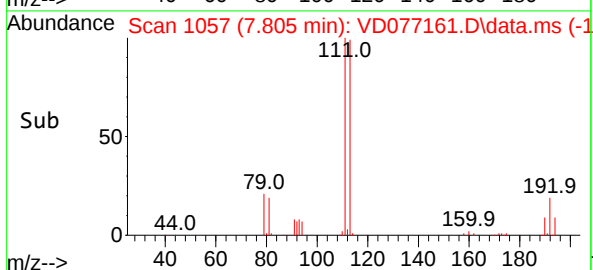
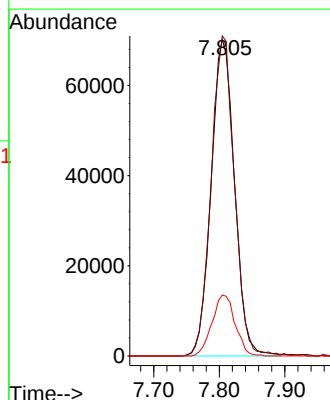
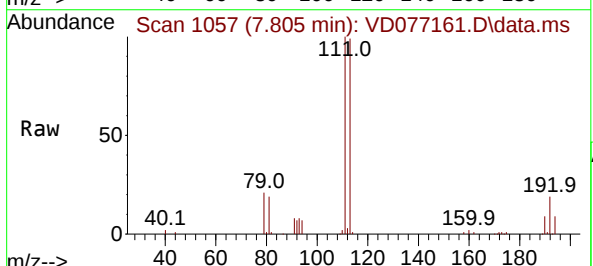
Tgt Ion:113 Resp: 173491

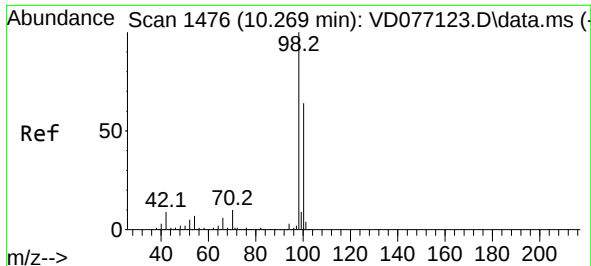
Ion Ratio Lower Upper

113 100

111 100.8 84.7 127.1

192 19.0 16.8 25.2

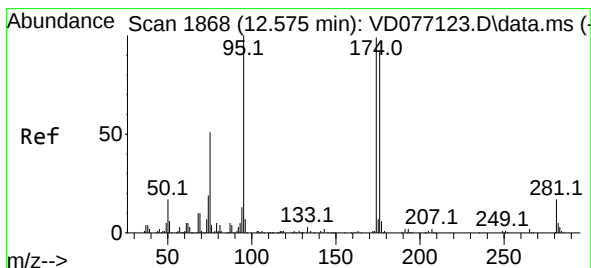
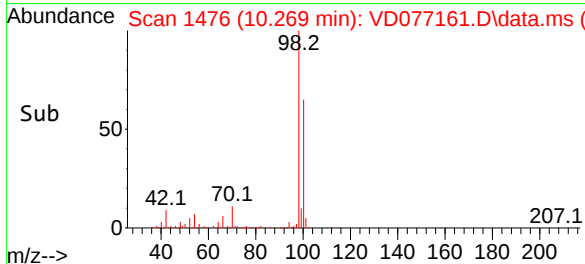
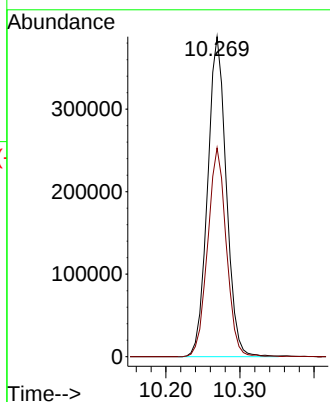
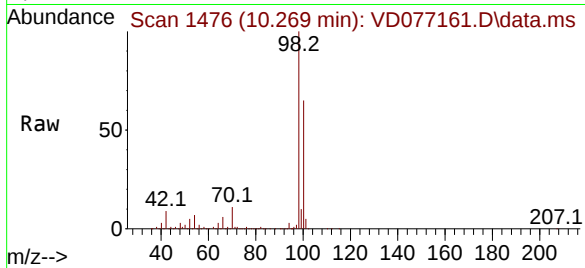




#50
Toluene-d8
Concen: 53.818 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077161.D
Acq: 20 Sep 2023 10:59

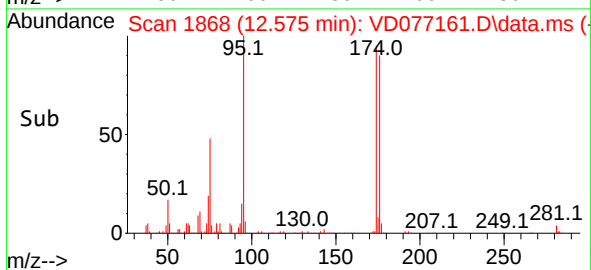
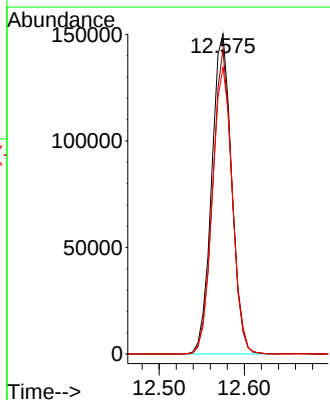
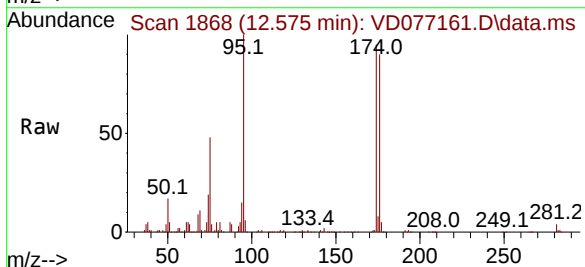
Instrument :
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VD0920SBL01

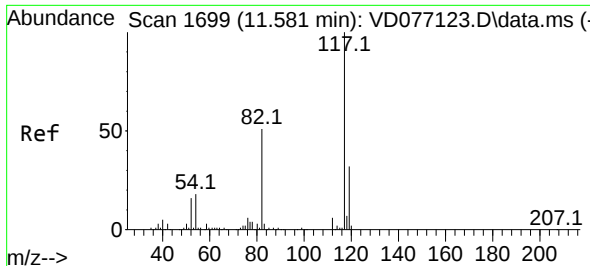
Tgt Ion: 98 Resp: 679355
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 62.246 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077161.D
Acq: 20 Sep 2023 10:59

Tgt Ion: 95 Resp: 243536
Ion Ratio Lower Upper
95 100
174 92.0 0.0 201.8
176 90.0 0.0 191.8

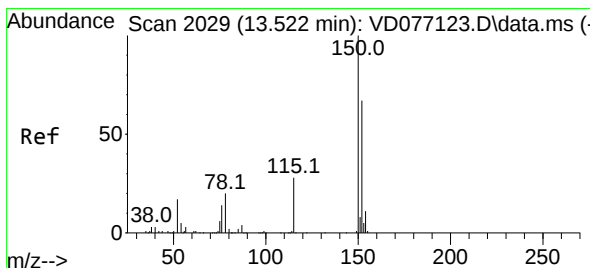
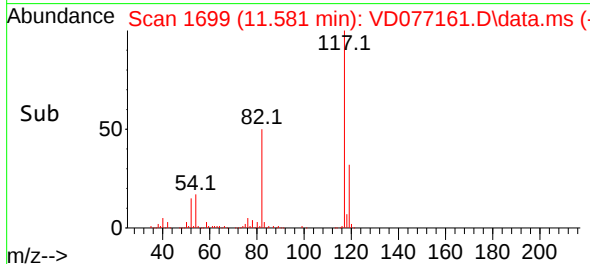
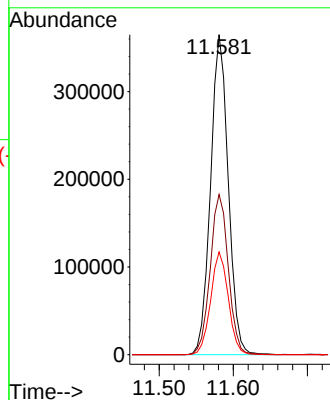
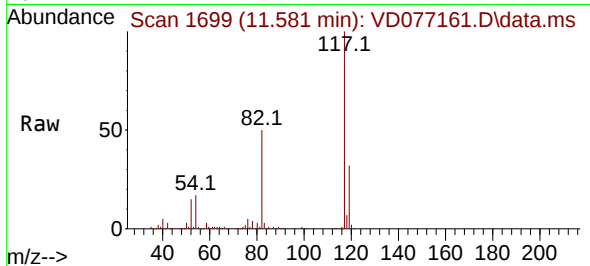




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077161.D
Acq: 20 Sep 2023 10:59

Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

Tgt Ion:117 Resp: 603882
Ion Ratio Lower Upper
117 100
82 50.1 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: VD077161.D
Acq: 20 Sep 2023 10:59

Tgt Ion:152 Resp: 297746
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 158.1 0.0 353.6

