

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077133.D
 Acq On : 18 Sep 2023 16:49
 Operator : JC/SY
 Sample : 04436-15
 Misc : 5.74G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CPT102-16(3-3.5)

Quant Time: Sep 19 04:57:47 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	134549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	309217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75827	55.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.804	113	109985	51.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.269	98	388330	50.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.575	95	124921	52.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.440%

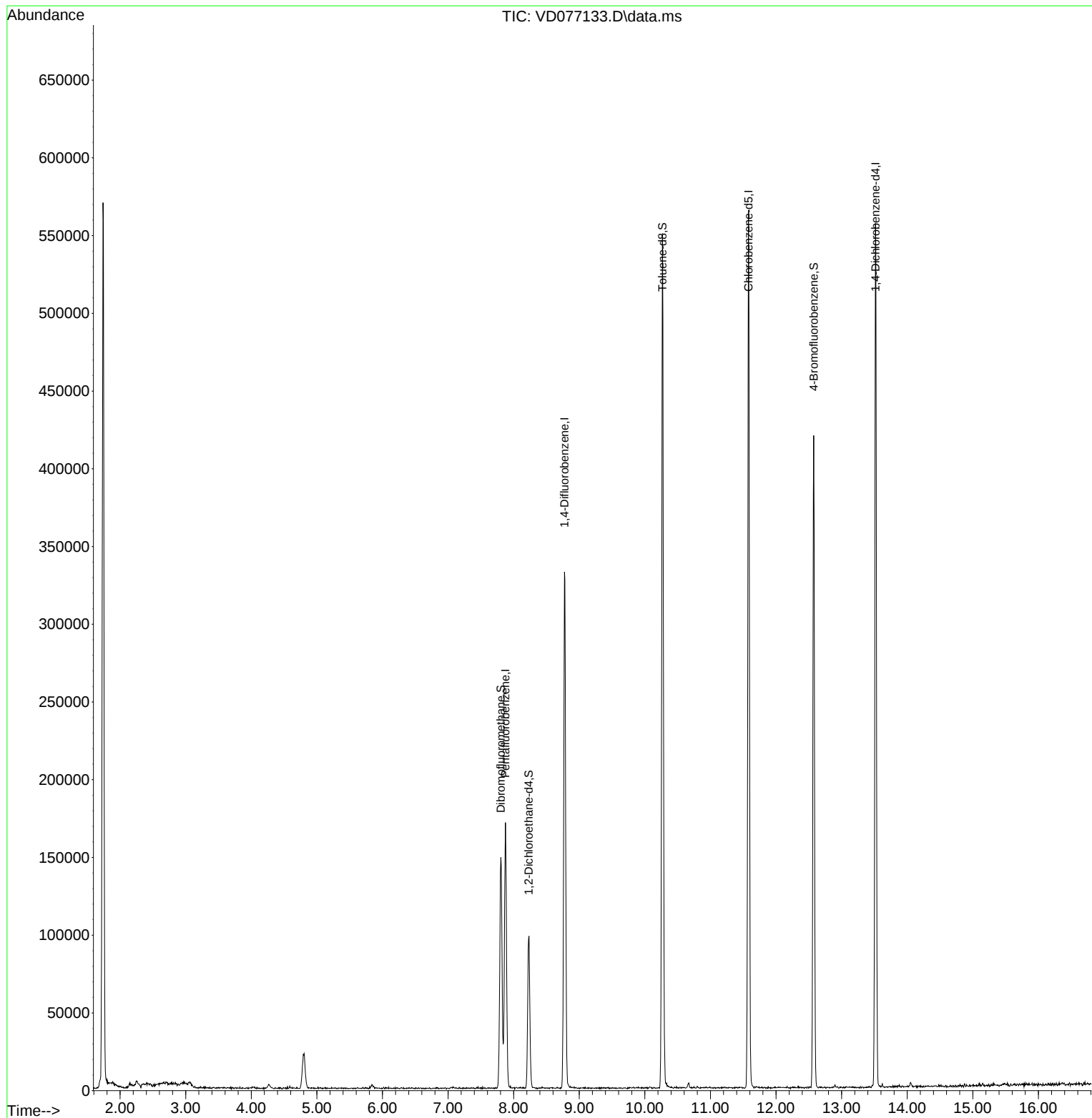
Target Compounds	Qvalue

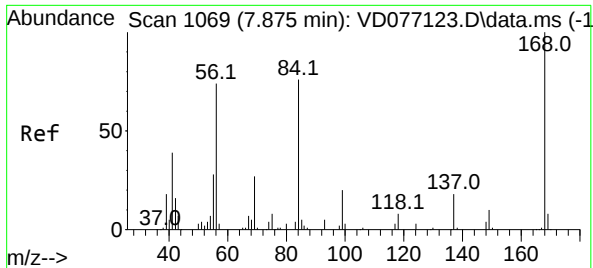
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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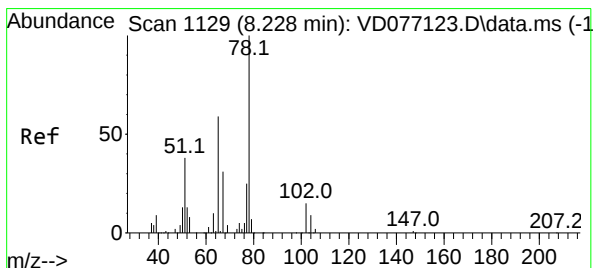
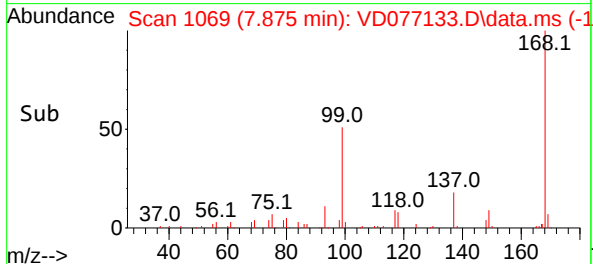
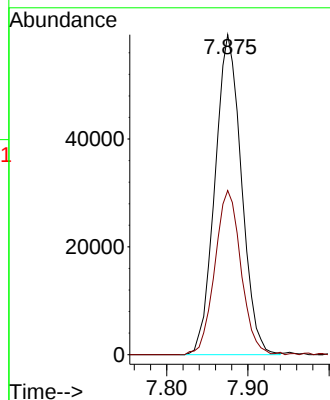
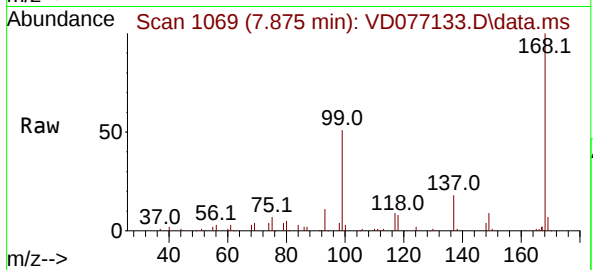




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077133.D
Acq: 18 Sep 2023 16:49

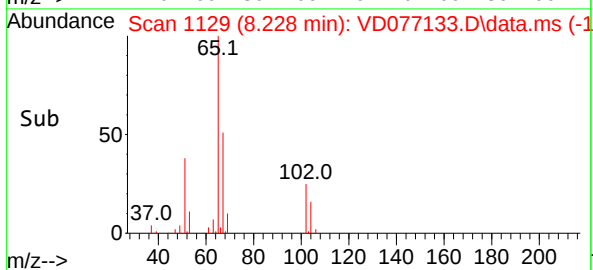
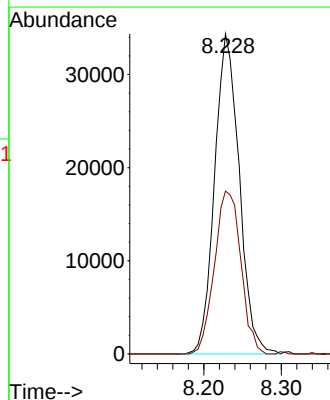
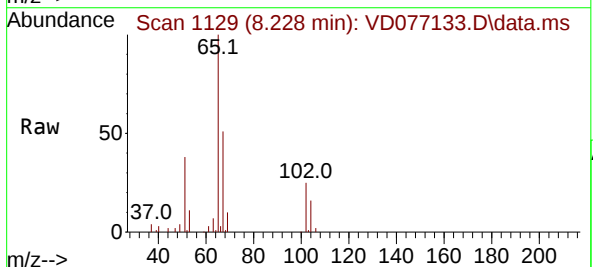
Instrument :
MSVOA_D
ClientSampleId :
CPT102-16(3-3.5)

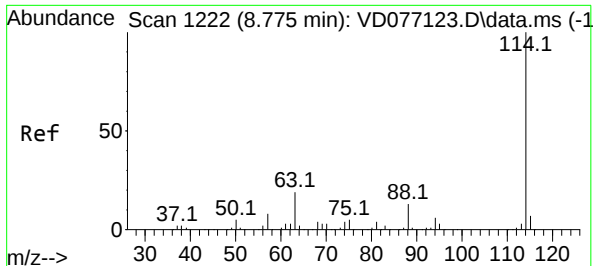
Tgt Ion:168 Resp: 134549
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.842 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077133.D
Acq: 18 Sep 2023 16:49

Tgt Ion: 65 Resp: 75827
Ion Ratio Lower Upper
65 100
67 54.5 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: VD077133.D

Acq: 18 Sep 2023 16:49

Instrument :

MSVOA_D

ClientSampleId :

CPT102-16(3-3.5)

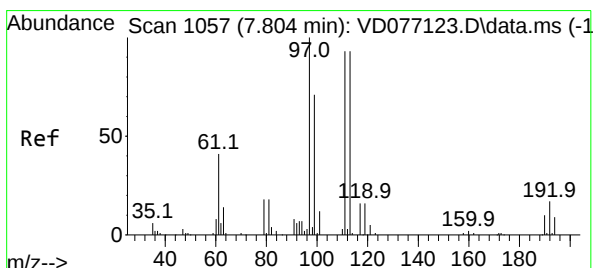
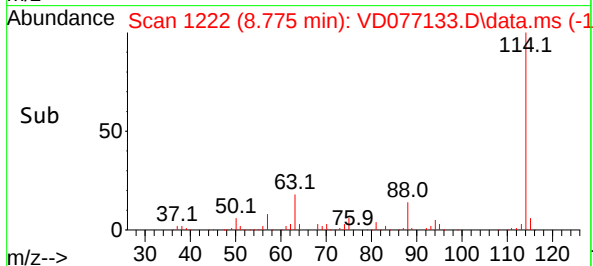
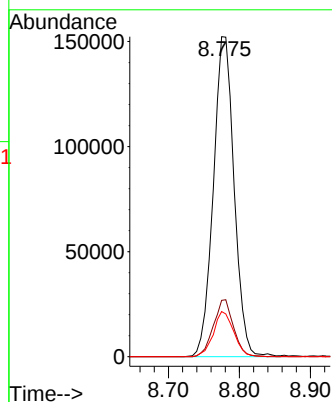
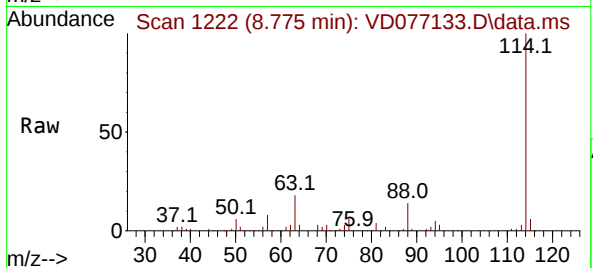
Tgt Ion:114 Resp: 309217

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.208 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077133.D

Acq: 18 Sep 2023 16:49

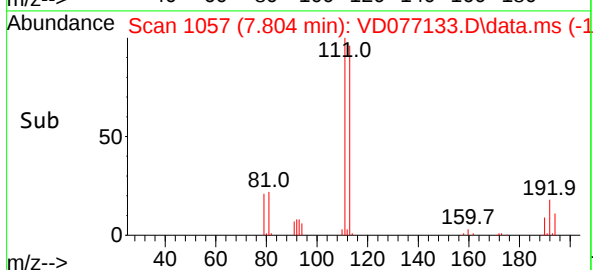
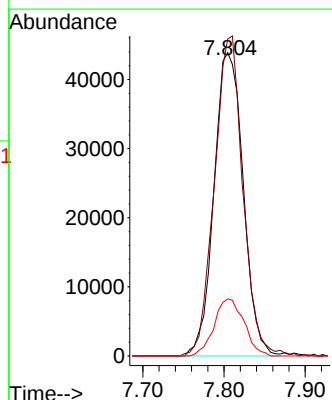
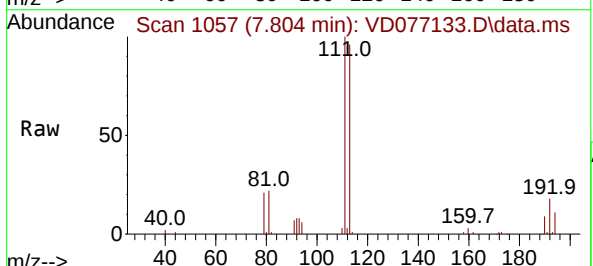
Tgt Ion:113 Resp: 109985

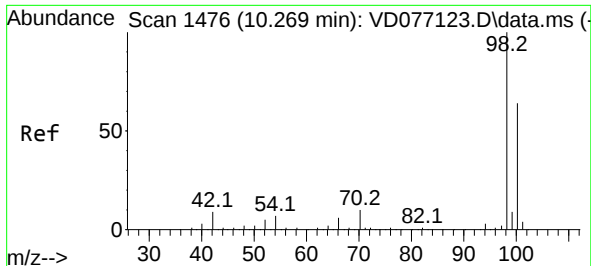
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 19.2 16.8 25.2

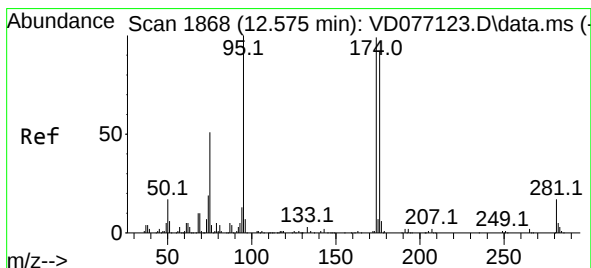
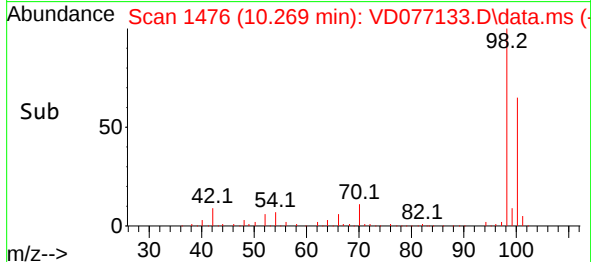
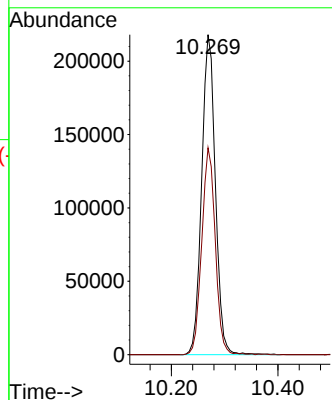
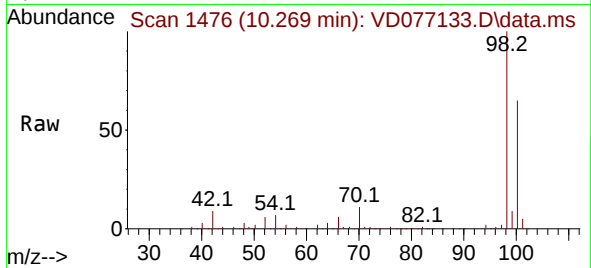




#50
Toluene-d8
Concen: 50.796 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077133.D
Acq: 18 Sep 2023 16:49

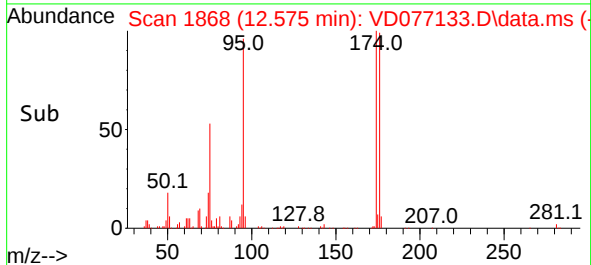
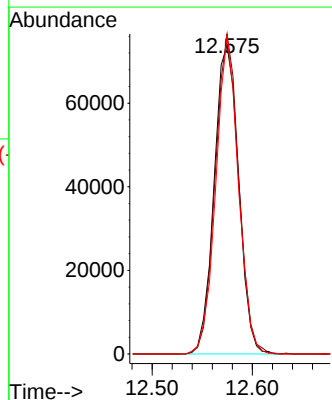
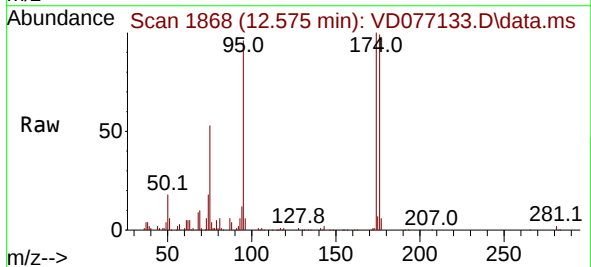
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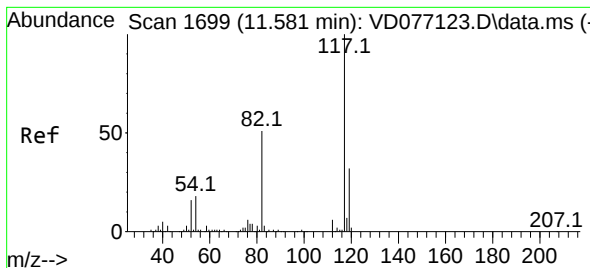
Tgt Ion: 98 Resp: 388330
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.720 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077133.D
Acq: 18 Sep 2023 16:49

Tgt Ion: 95 Resp: 124921
Ion Ratio Lower Upper
95 100
174 99.8 0.0 201.8
176 94.9 0.0 191.8

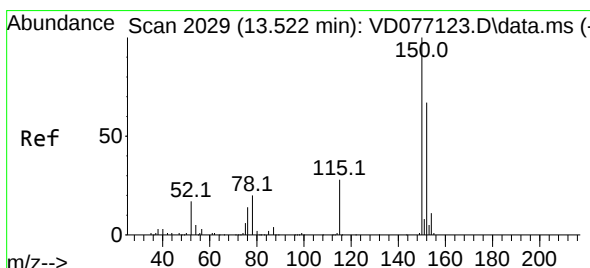
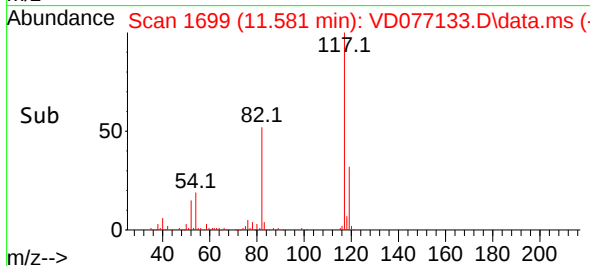
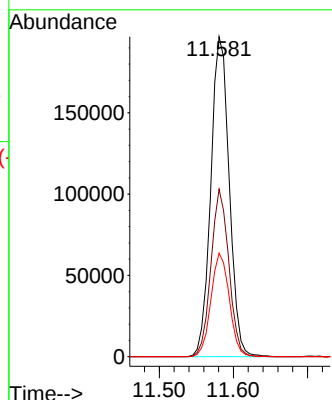
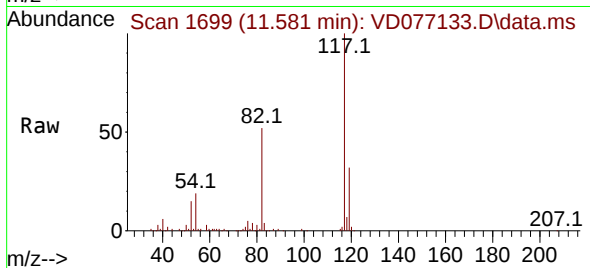




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077133.D
Acq: 18 Sep 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
CPT102-16(3-3.5)

Tgt Ion:117 Resp: 340012
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 32.3 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: VD077133.D
Acq: 18 Sep 2023 16:49

Tgt Ion:152 Resp: 157288
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 158.0 0.0 353.6

