

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077795.D
 Acq On : 08 Dec 2023 16:53
 Operator : JC/SY
 Sample : 05636-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-120523

Quant Time: Dec 08 16:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	374513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	352167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	105964	50.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.560%
35) Dibromofluoromethane	7.810	113	122889	46.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.680%
50) Toluene-d8	10.269	98	455678	43.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.740%
62) 4-Bromofluorobenzene	12.574	95	136217	43.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.720%

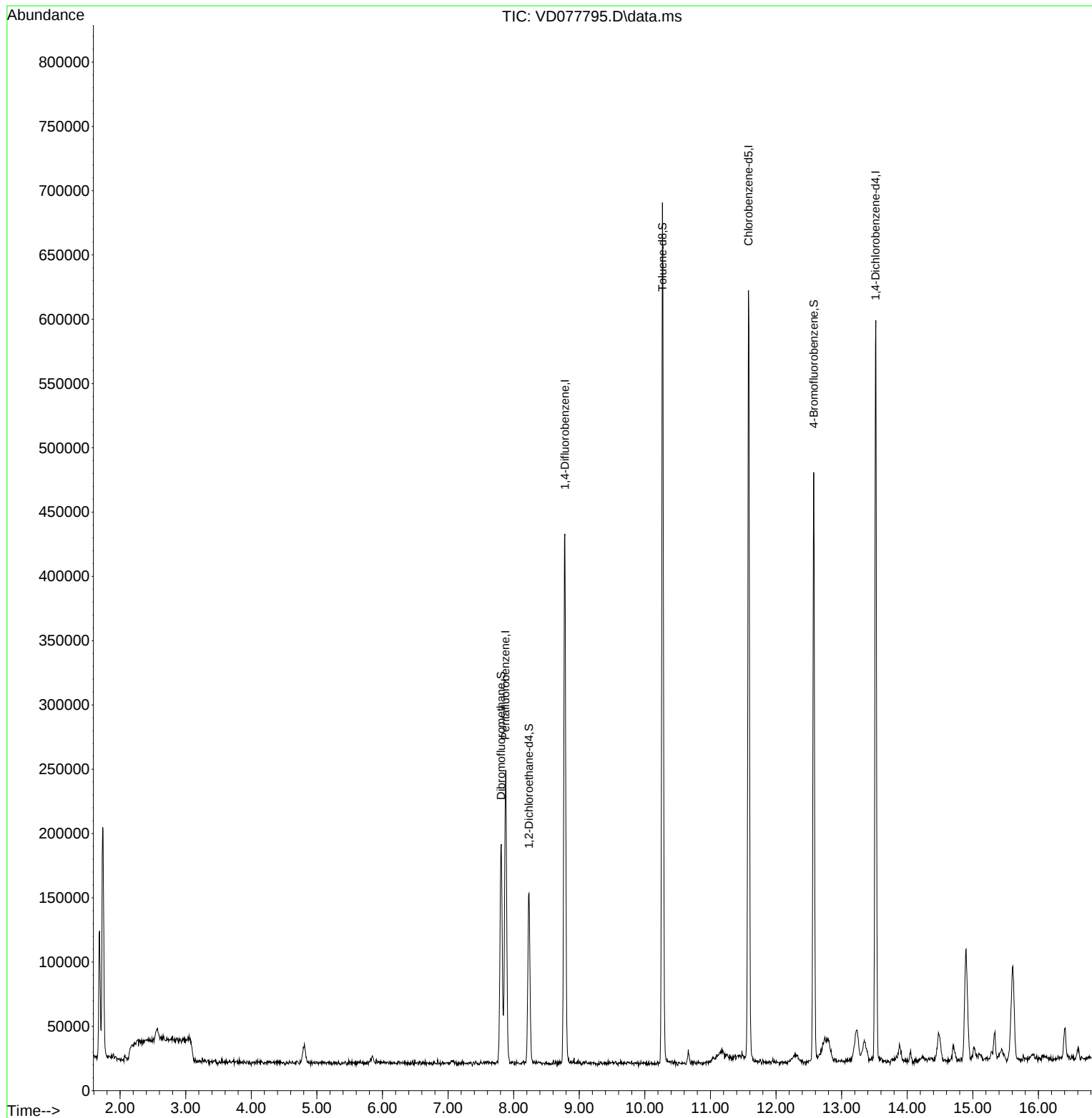
Target Compounds	Qvalue

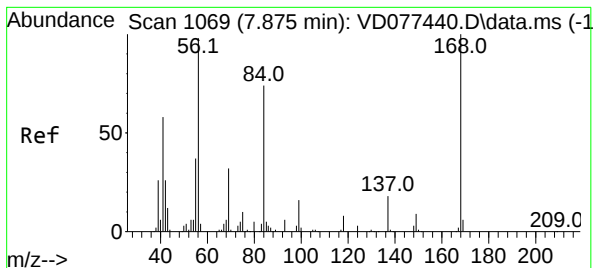
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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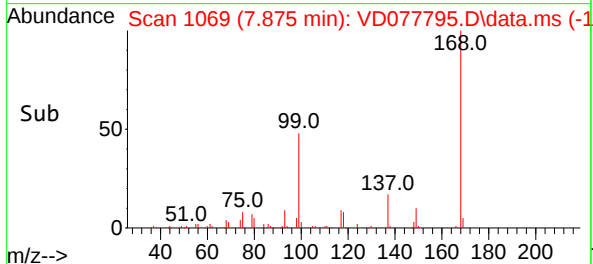
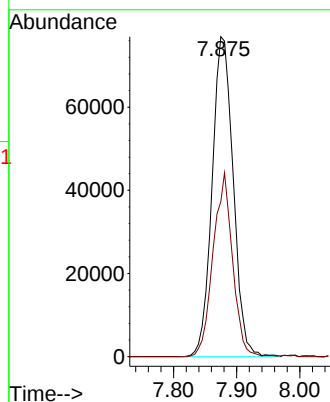
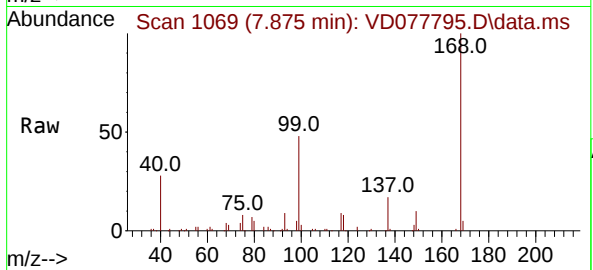




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077795.D
Acq: 08 Dec 2023 16:53

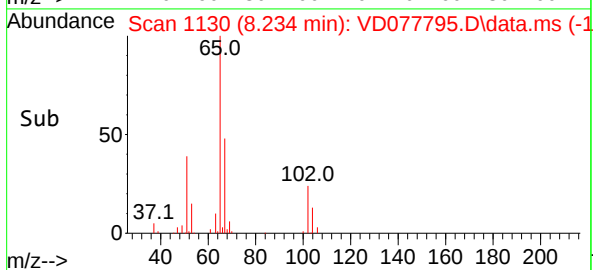
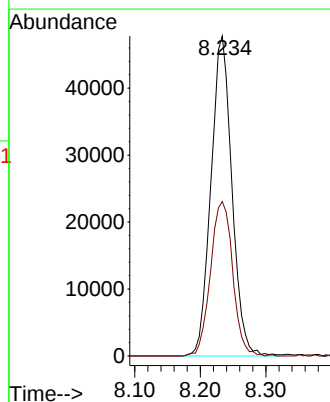
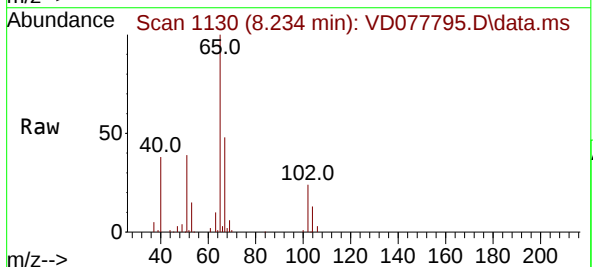
Instrument :
MSVOA_D
ClientSampleId :
TR-05-120523

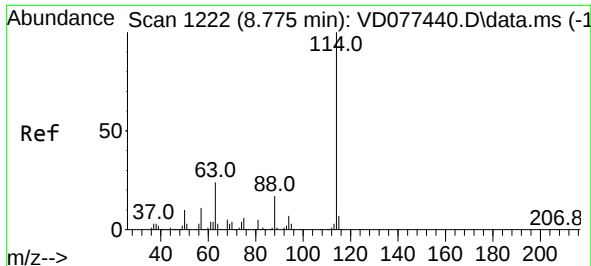
Tgt Ion:168 Resp: 178856
Ion Ratio Lower Upper
168 100
99 48.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.278 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077795.D
Acq: 08 Dec 2023 16:53

Tgt Ion: 65 Resp: 105964
Ion Ratio Lower Upper
65 100
67 51.0 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: VD077795.D

Acq: 08 Dec 2023 16:53

Instrument :

MSVOA_D

ClientSampleId :

TR-05-120523

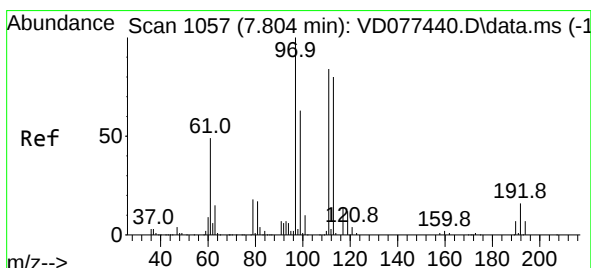
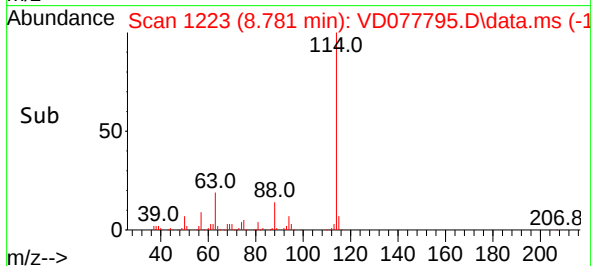
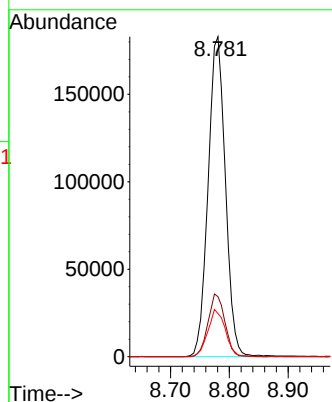
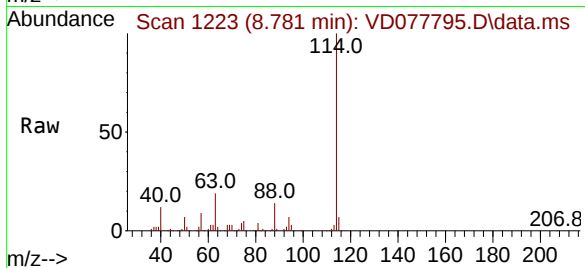
Tgt Ion:114 Resp: 374513

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.845 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077795.D

Acq: 08 Dec 2023 16:53

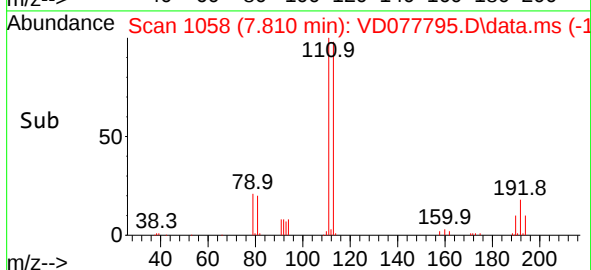
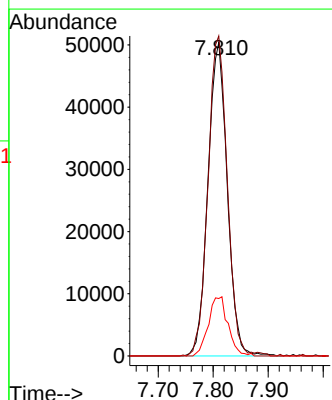
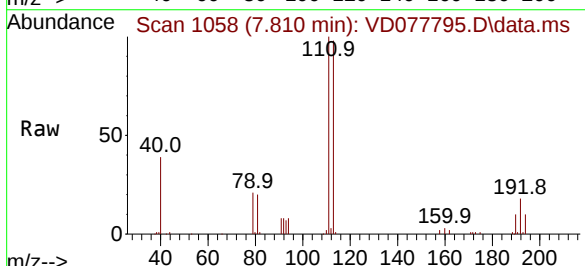
Tgt Ion:113 Resp: 122889

Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 19.2 16.8 25.2

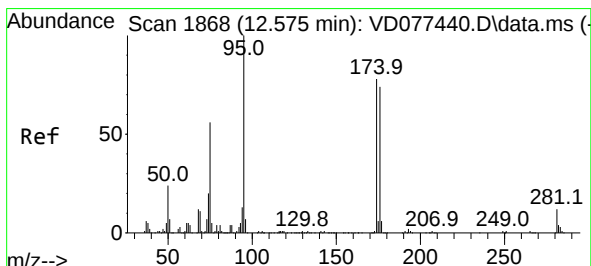
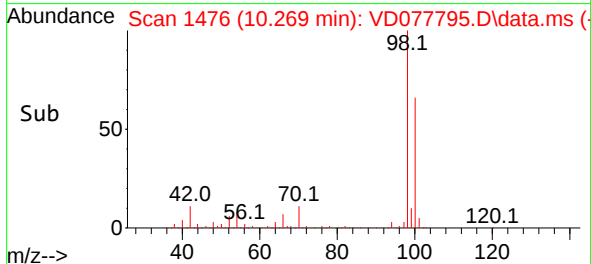
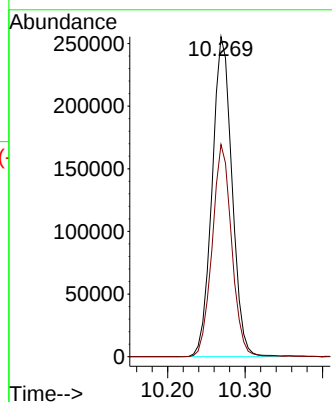
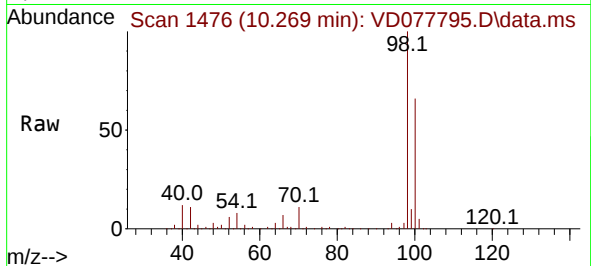




#50
Toluene-d8
Concen: 43.370 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077795.D
Acq: 08 Dec 2023 16:53

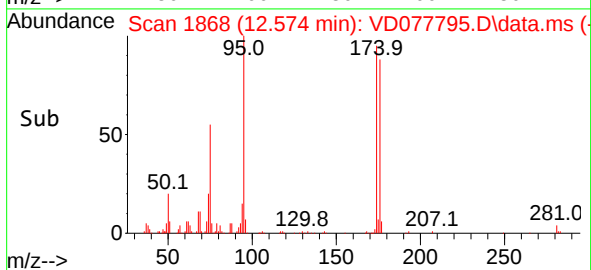
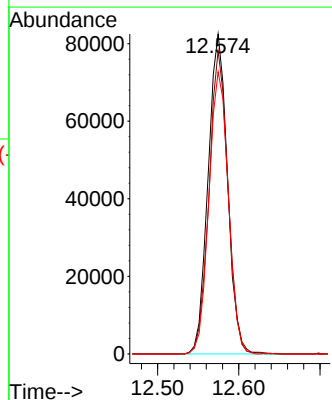
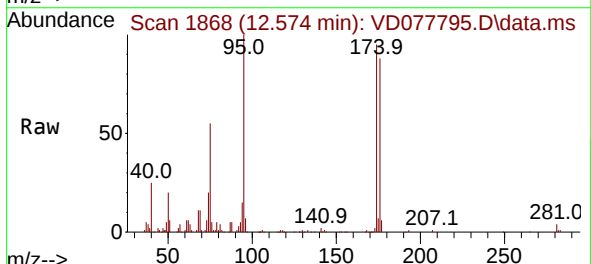
Instrument :
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TR-05-120523

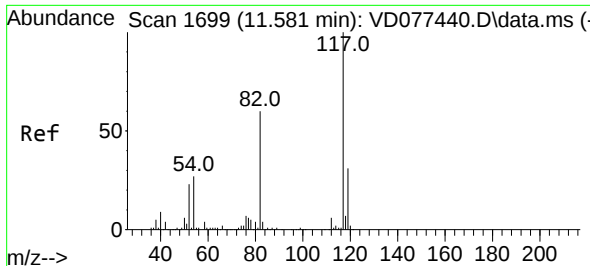
Tgt Ion: 98 Resp: 455678
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.364 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD077795.D
Acq: 08 Dec 2023 16:53

Tgt Ion: 95 Resp: 136217
Ion Ratio Lower Upper
95 100
174 93.2 0.0 201.8
176 88.5 0.0 191.8

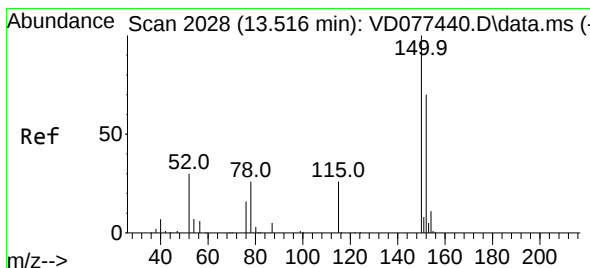
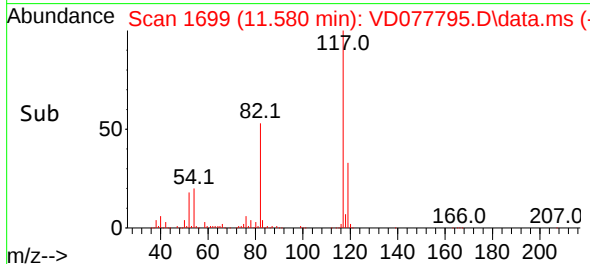
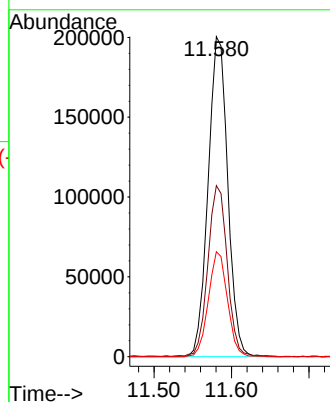
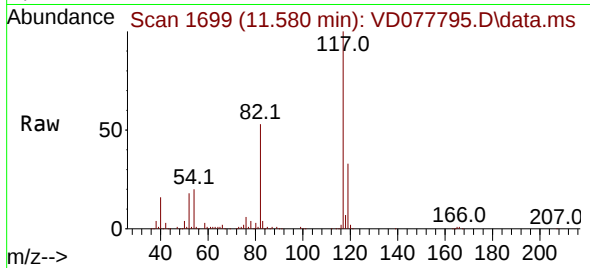




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VD077795.D
Acq: 08 Dec 2023 16:53

Instrument :
MSVOA_D
ClientSampleId :
TR-05-120523

Tgt Ion:117 Resp: 352167
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077795.D
Acq: 08 Dec 2023 16:53

Tgt Ion:152 Resp: 157936
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 157.9 0.0 353.6

