

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077817.D
 Acq On : 11 Dec 2023 17:55
 Operator : JC/SY
 Sample : 05671-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-34

Quant Time: Dec 11 18:01:31 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	7.881	168	107972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85756	67.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.800%
35) Dibromofluoromethane	7.810	113	94594	50.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.269	98	360519	47.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.575	95	106139	47.206	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.420%

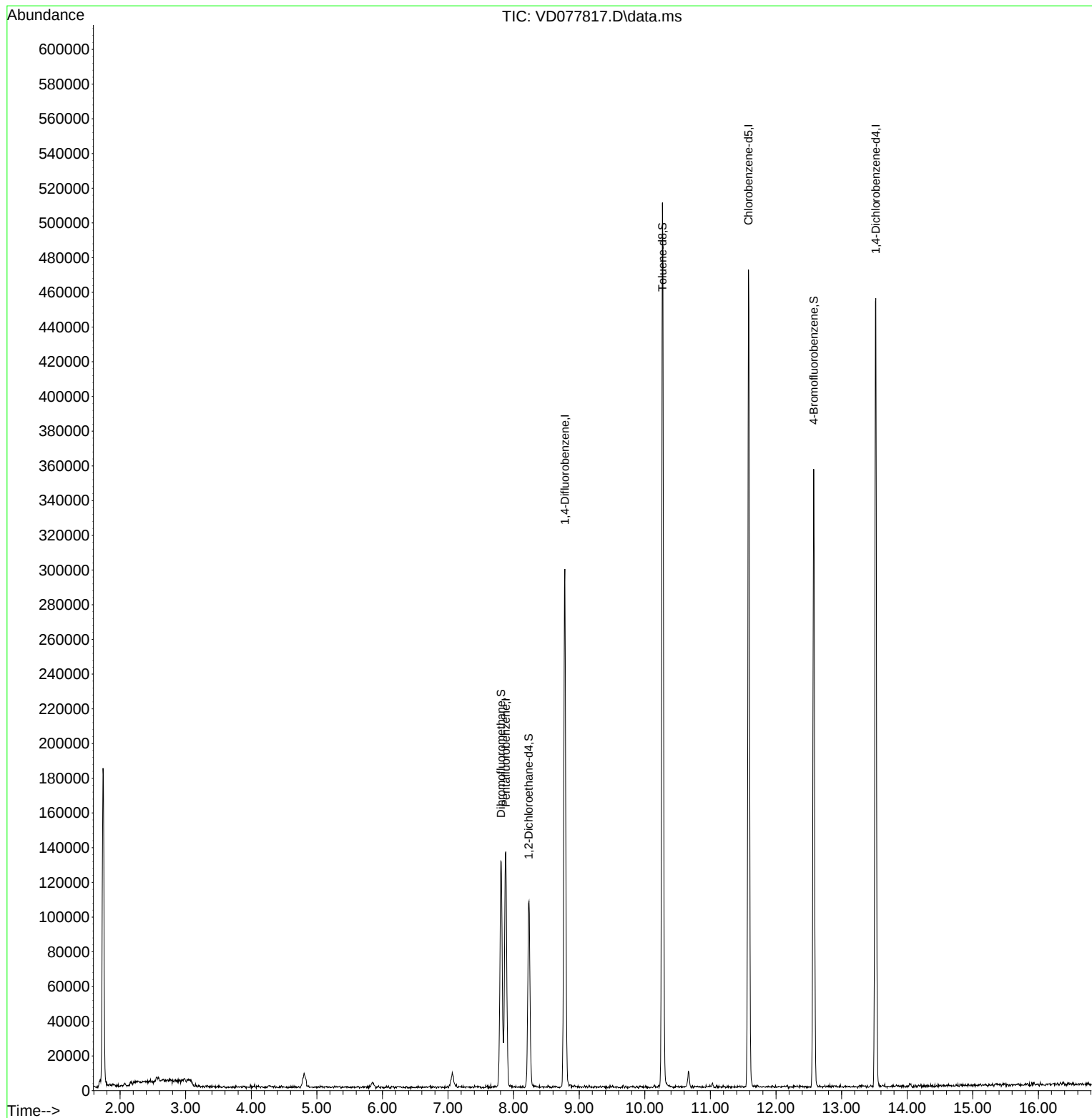
Target Compounds	Qvalue

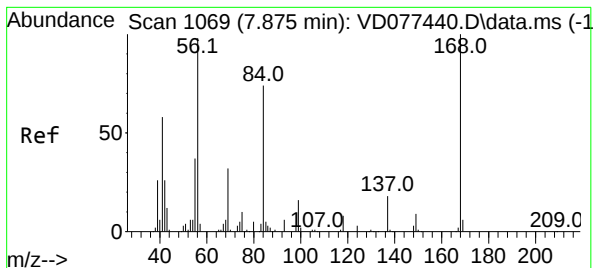
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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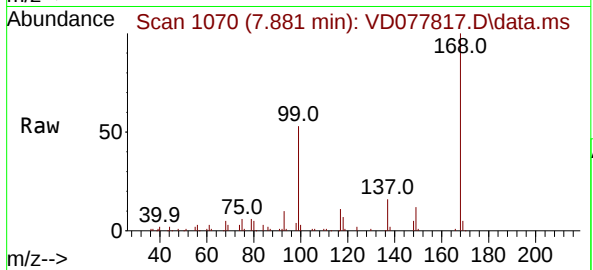
Quant Time: Dec 11 18:01:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
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QLast Update : Fri Dec 08 13:33:18 2023
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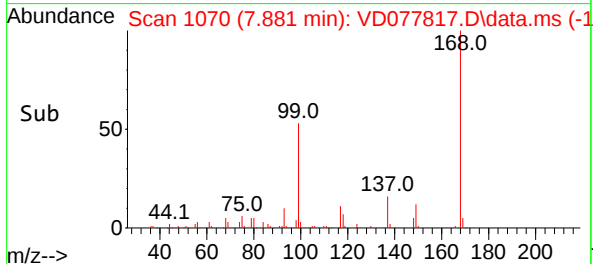
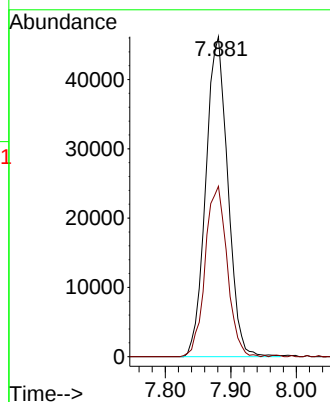


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077817.D
Acq: 11 Dec 2023 17:55

Instrument :
MSVOA_D
ClientSampleId :
TP-34

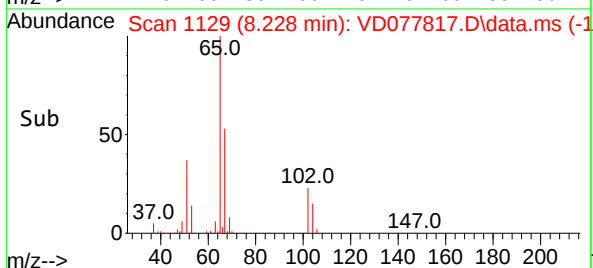
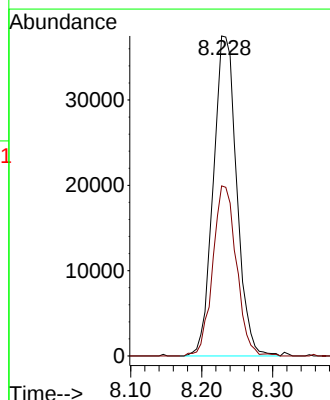
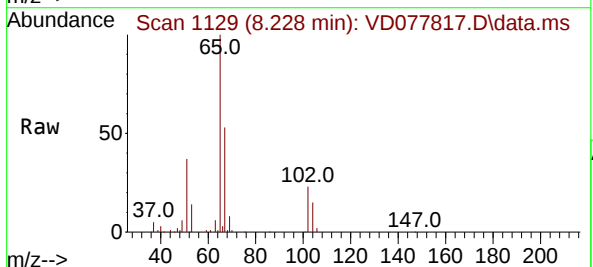


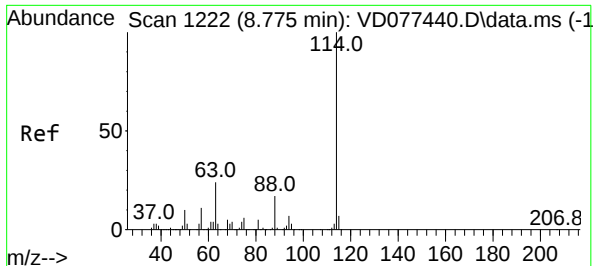
Tgt Ion:168 Resp: 107972
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 67.403 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077817.D
Acq: 11 Dec 2023 17:55

Tgt Ion: 65 Resp: 85756
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077817.D

Acq: 11 Dec 2023 17:55

Instrument :

MSVOA_D

ClientSampleId :

TP-34

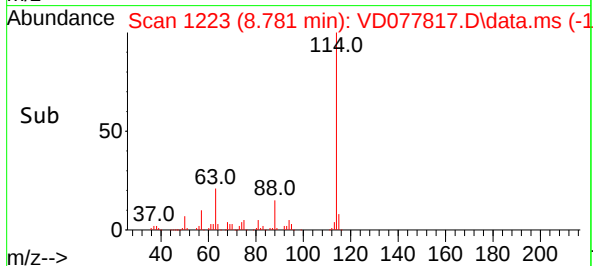
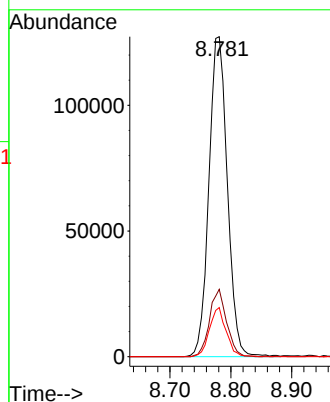
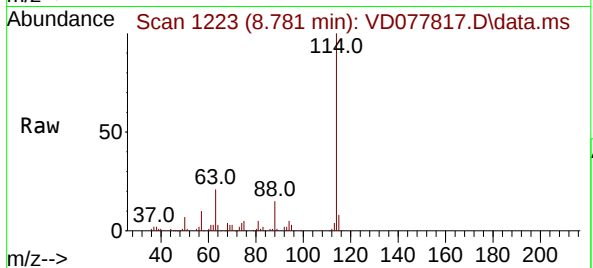
Tgt Ion:114 Resp: 268065

Ion Ratio Lower Upper

114 100

63 21.1 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.378 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077817.D

Acq: 11 Dec 2023 17:55

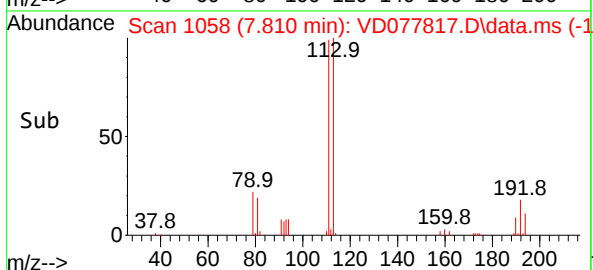
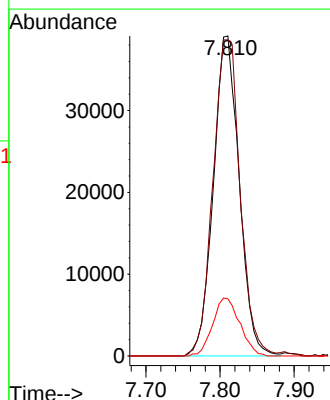
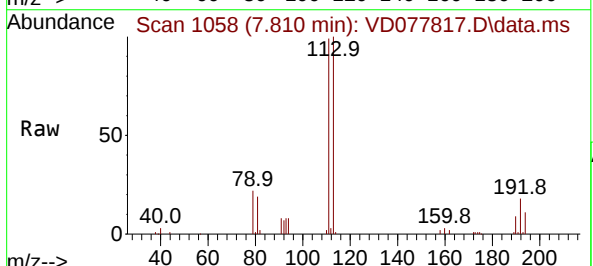
Tgt Ion:113 Resp: 94594

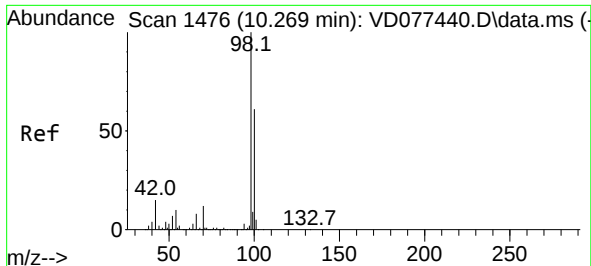
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 19.1 16.8 25.2

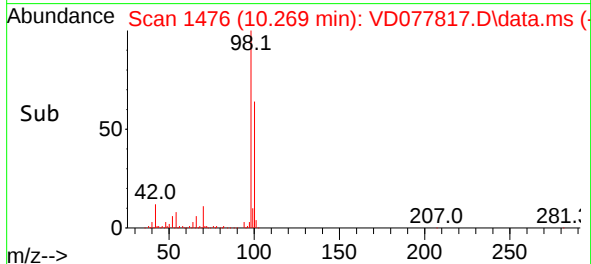
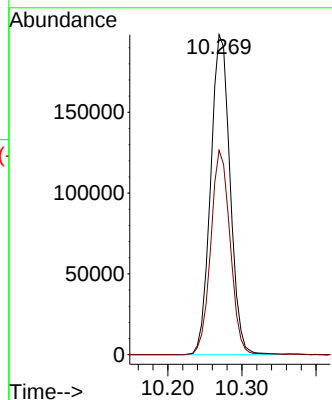
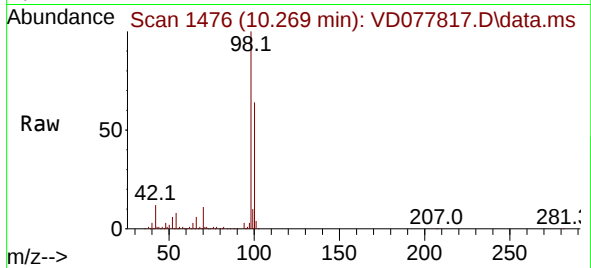




#50
Toluene-d8
Concen: 47.938 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077817.D
Acq: 11 Dec 2023 17:55

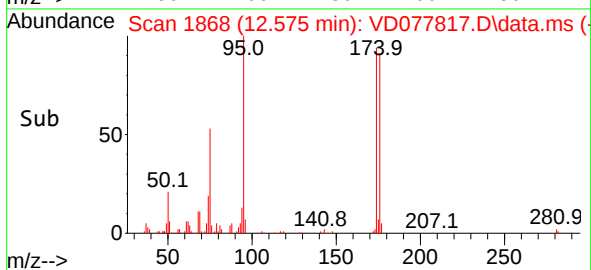
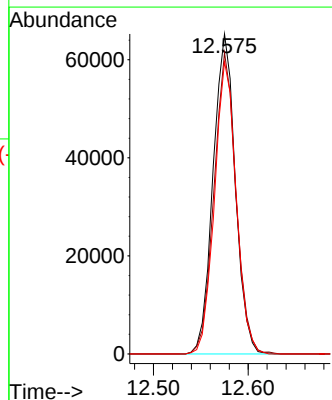
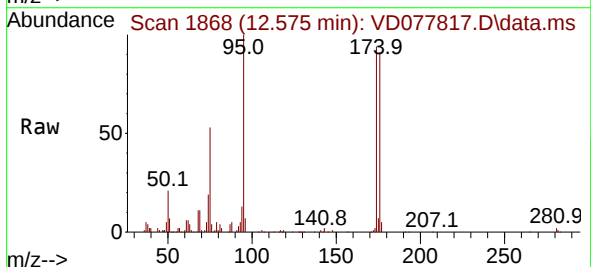
Instrument :
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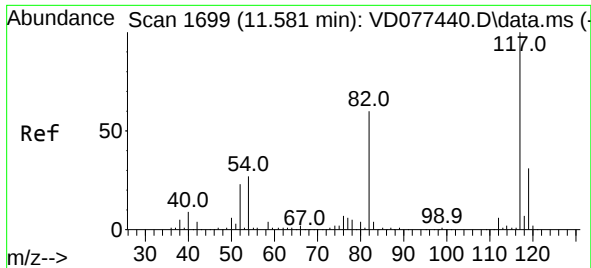
Tgt Ion: 98 Resp: 360519
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077817.D
Acq: 11 Dec 2023 17:55

Tgt Ion: 95 Resp: 106139
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 89.5 0.0 191.8

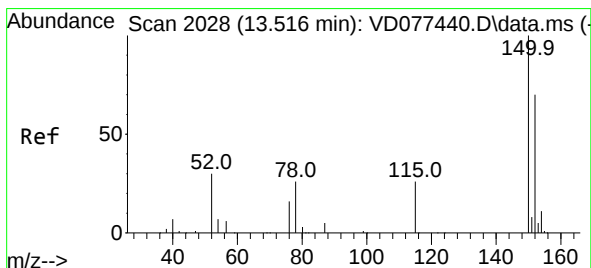
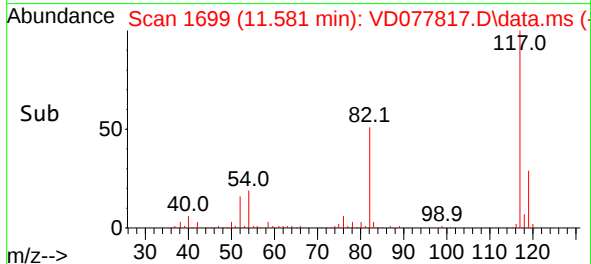
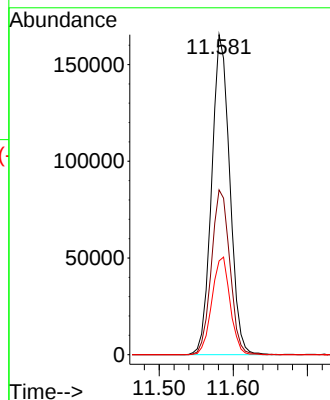
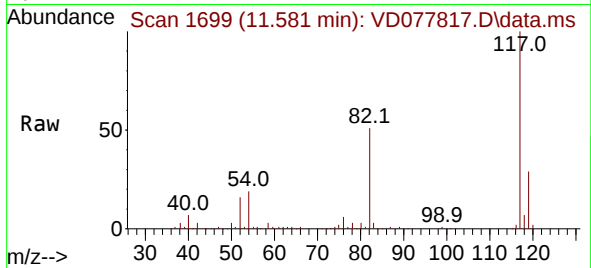




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077817.D
Acq: 11 Dec 2023 17:55

Instrument :
MSVOA_D
ClientSampleId :
TP-34

Tgt Ion:117 Resp: 280207
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 29.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077817.D
Acq: 11 Dec 2023 17:55

Tgt Ion:152 Resp: 124918
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 159.8 0.0 353.6

