

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077993.D
 Acq On : 20 Dec 2023 14:08
 Operator : RP/MD
 Sample : 05827-06RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-08-12.5-13.5RE

Quant Time: Dec 21 05:23:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	162108	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	290254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	111329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74175	38.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.660%
35) Dibromofluoromethane	7.805	113	90878	44.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.400%
50) Toluene-d8	10.269	98	374732	46.019	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.575	95	101065	41.513	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.020%

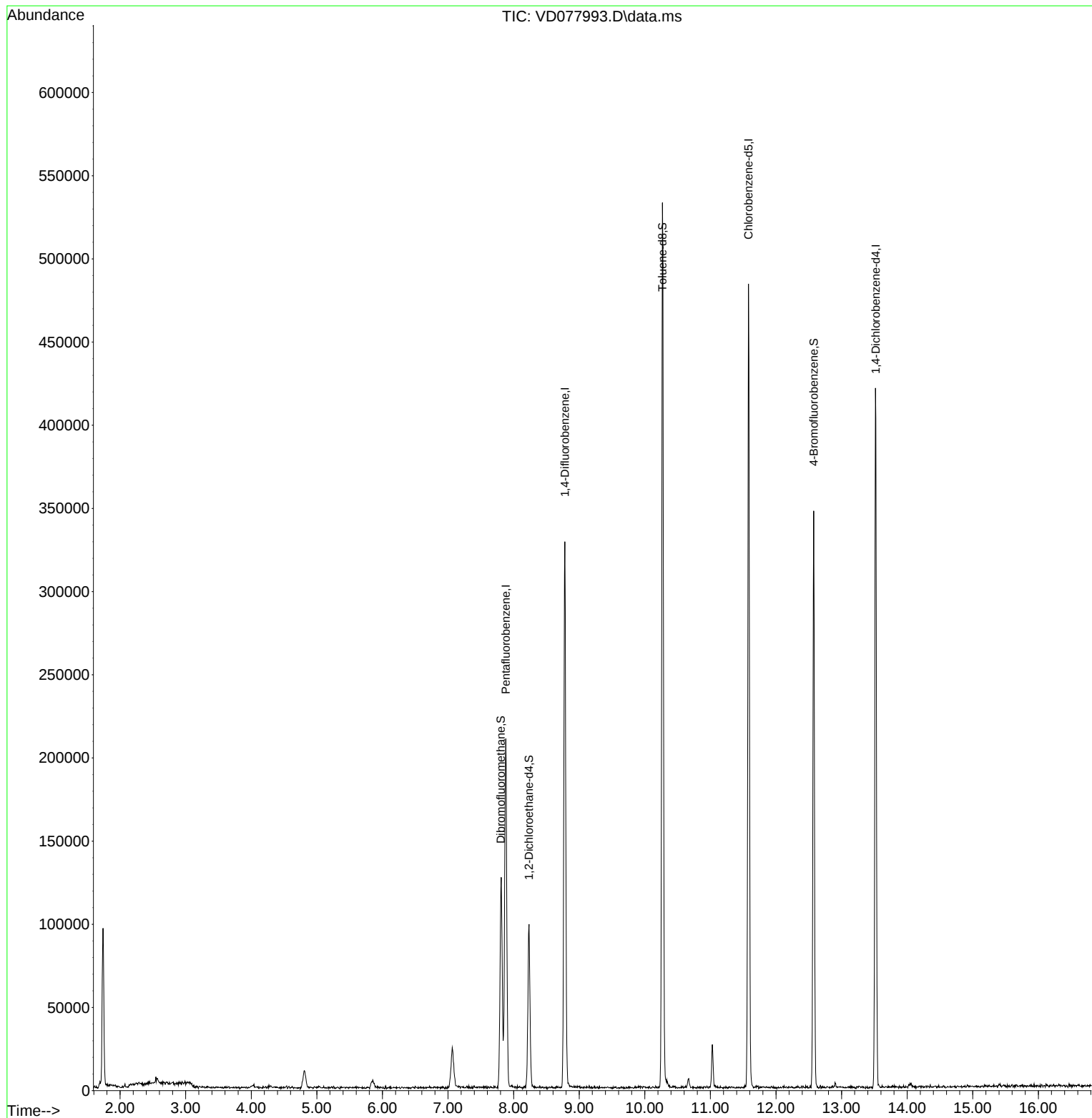
Target Compounds	Qvalue

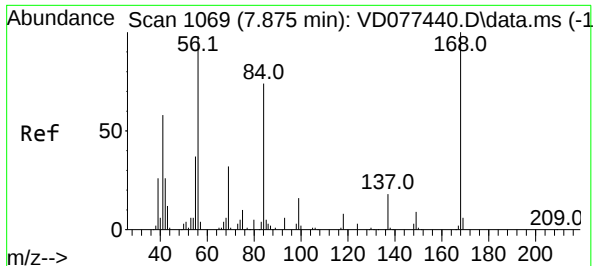
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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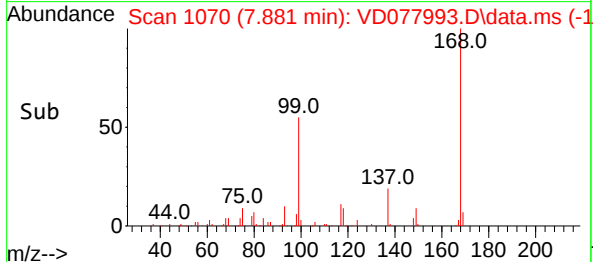
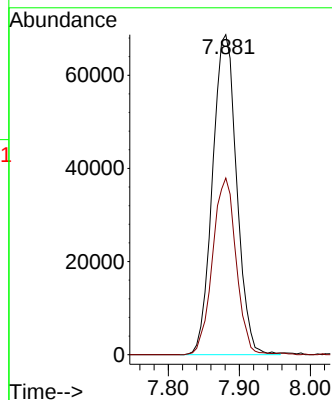
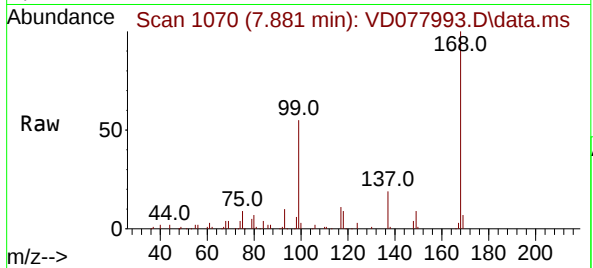




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077993.D
Acq: 20 Dec 2023 14:08

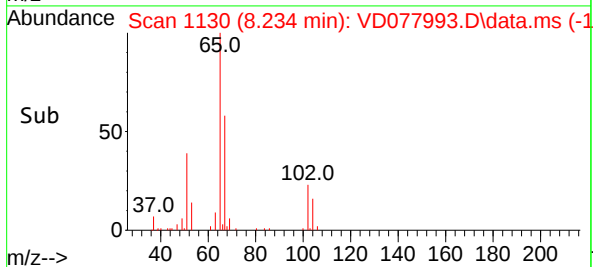
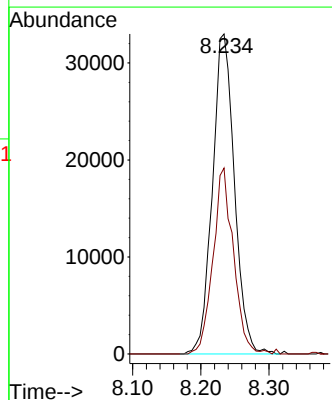
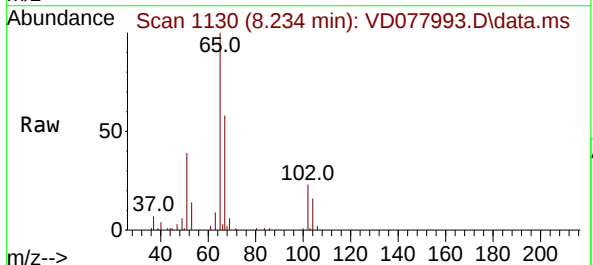
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-08-12.5-13.5RE

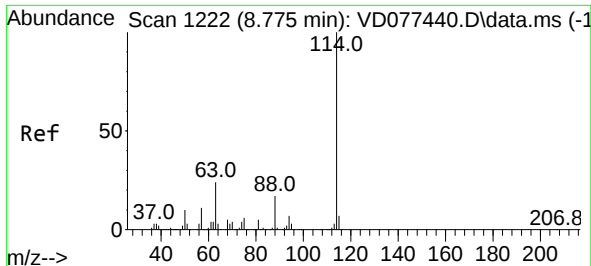
Tgt Ion:168 Resp: 162108
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 38.831 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077993.D
Acq: 20 Dec 2023 14:08

Tgt Ion: 65 Resp: 74175
Ion Ratio Lower Upper
65 100
67 54.1 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: VD077993.D

Acq: 20 Dec 2023 14:08

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-08-12.5-13.5RE

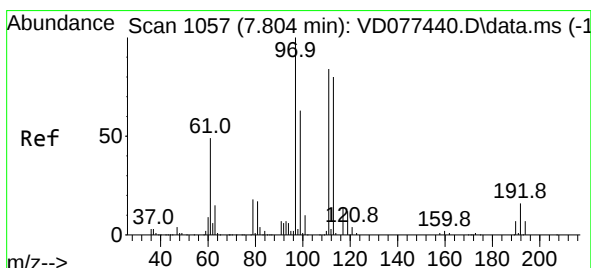
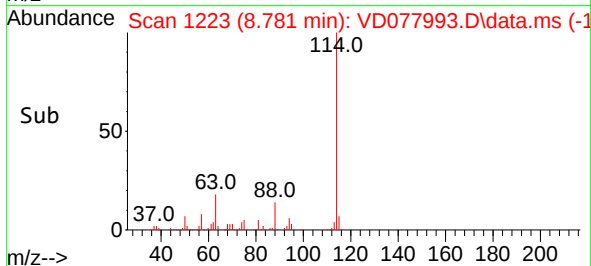
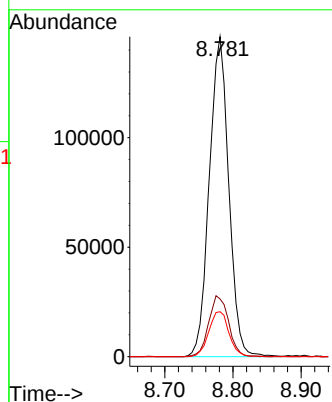
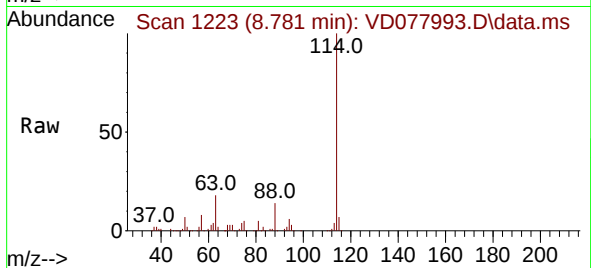
Tgt Ion:114 Resp: 290254

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.699 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077993.D

Acq: 20 Dec 2023 14:08

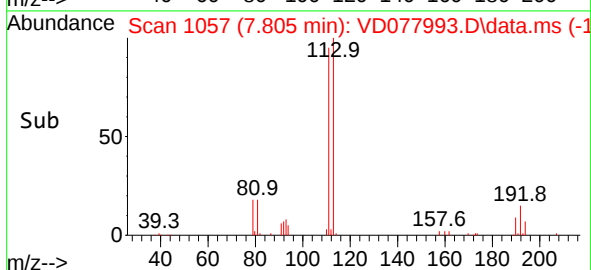
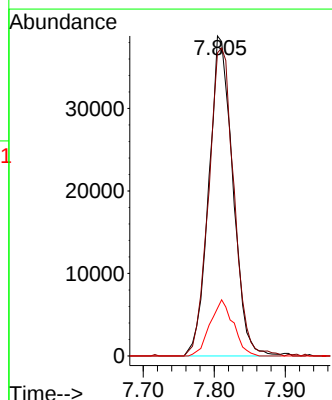
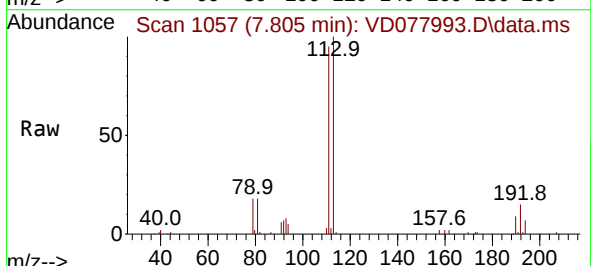
Tgt Ion:113 Resp: 90878

Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

192 17.1 16.8 25.2

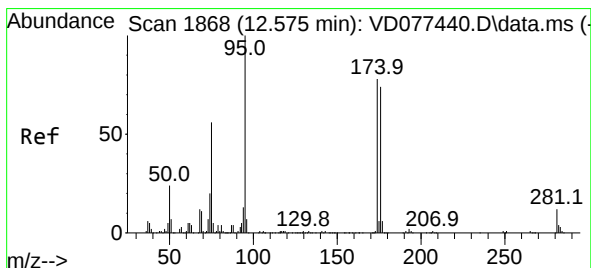
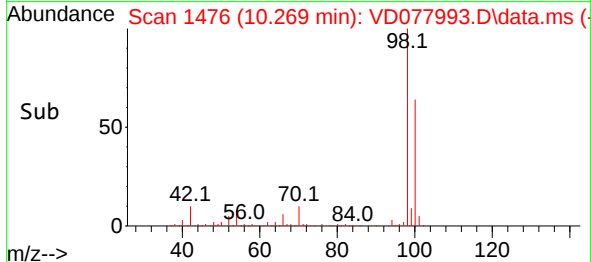
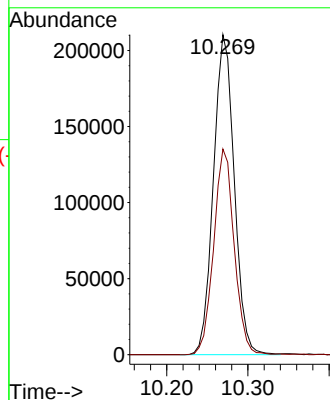
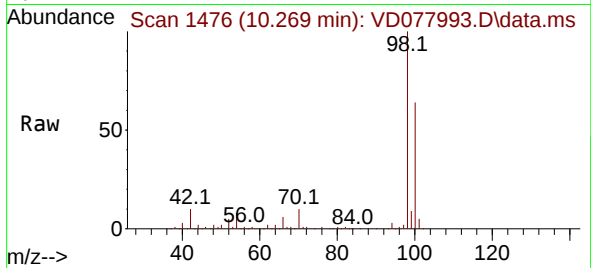




#50
Toluene-d8
Concen: 46.019 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077993.D
Acq: 20 Dec 2023 14:08

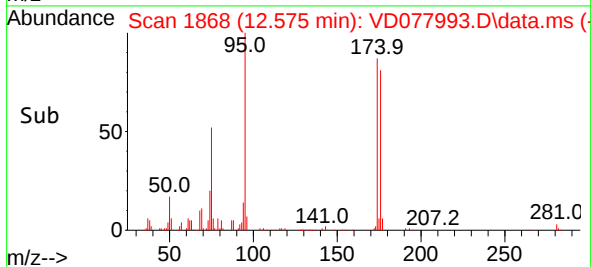
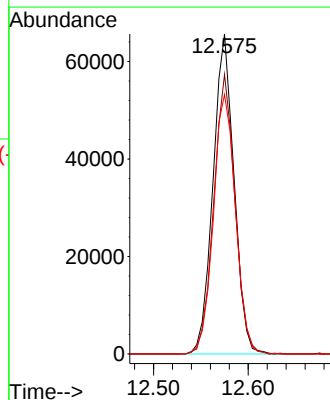
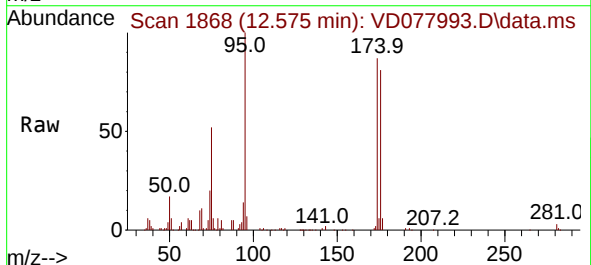
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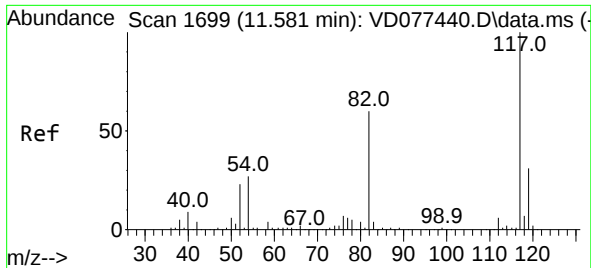
Tgt Ion: 98 Resp: 374732
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.513 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077993.D
Acq: 20 Dec 2023 14:08

Tgt Ion: 95 Resp: 101065
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 85.5 0.0 191.8

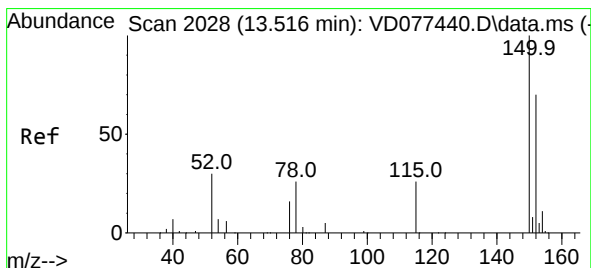
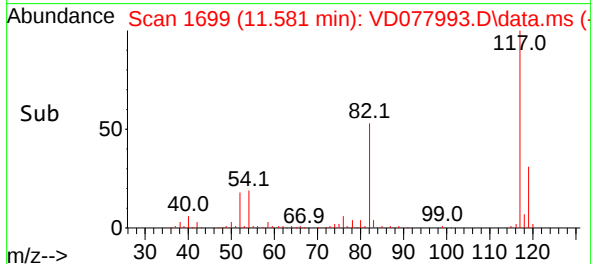
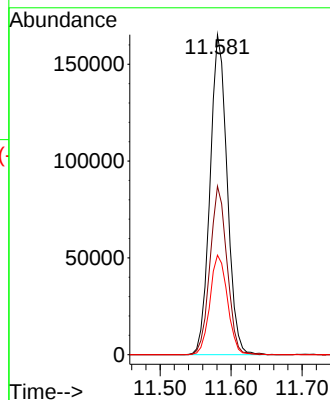
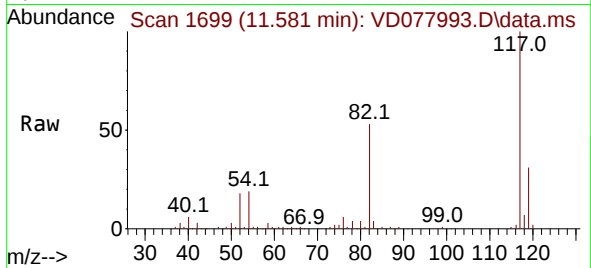




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077993.D
Acq: 20 Dec 2023 14:08

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-08-12.5-13.5RE

Tgt Ion:117 Resp: 276365
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 31.1 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: VD077993.D
Acq: 20 Dec 2023 14:08

Tgt Ion:152 Resp: 111329
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 162.4 0.0 353.6

