

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077847.D
 Acq On : 12 Dec 2023 17:29
 Operator : JC/SY
 Sample : 05726-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Dec 13 03:12:08 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	192893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	353570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90621	39.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.740%
35) Dibromofluoromethane	7.810	113	103491	41.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.580%
50) Toluene-d8	10.269	98	450292	45.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.575	95	121061	40.822	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.640%

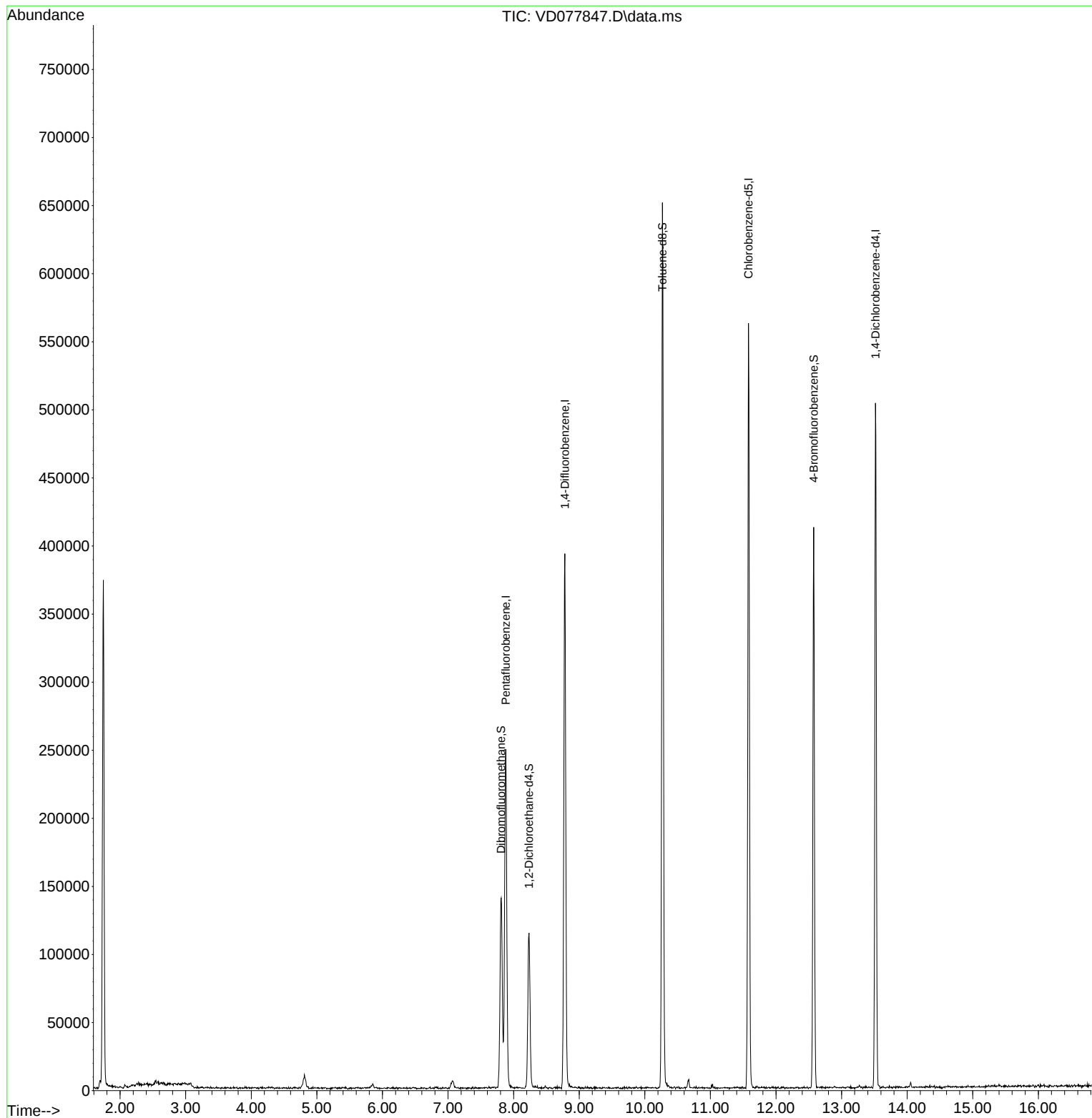
Target Compounds	Qvalue

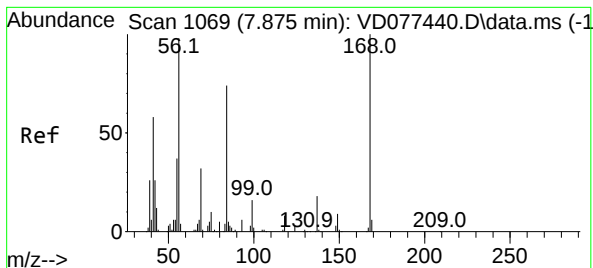
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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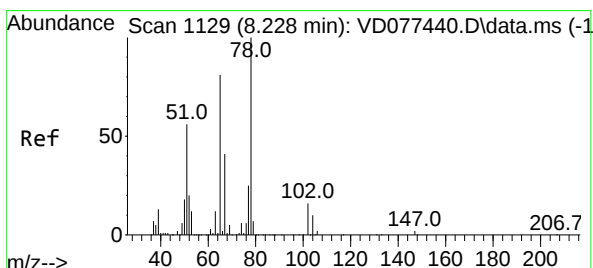
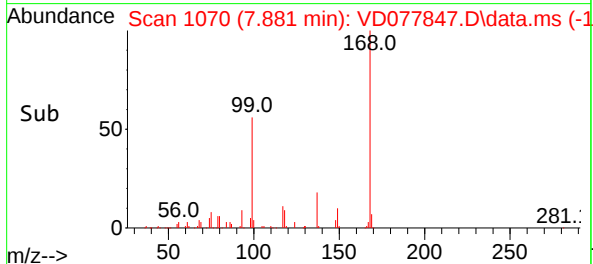
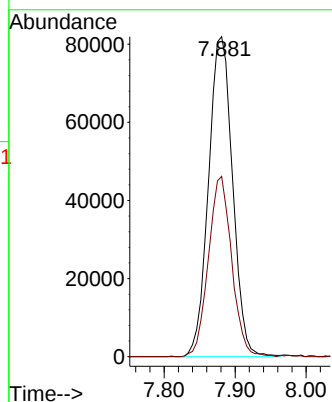
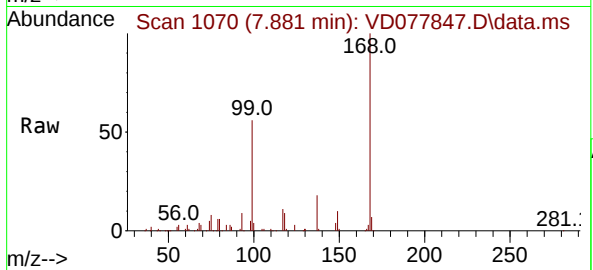




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

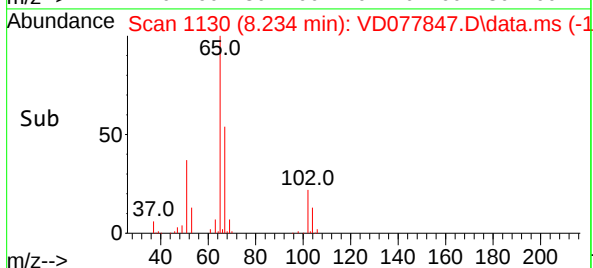
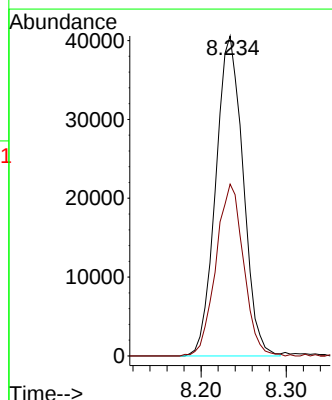
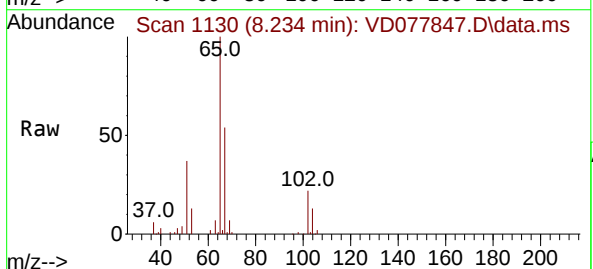
Instrument :
MSVOA_D
ClientSampleId :
WC-1

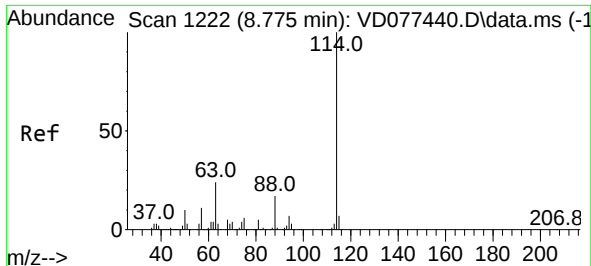
Tgt Ion:168 Resp: 192893
Ion Ratio Lower Upper
168 100
99 56.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 39.869 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

Tgt Ion: 65 Resp: 90621
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0

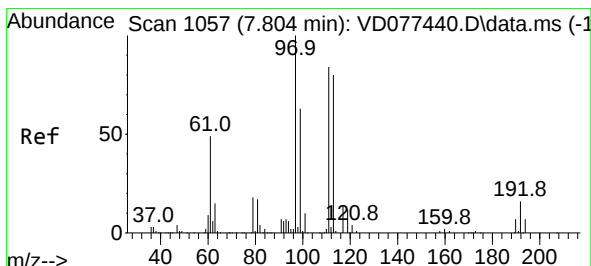
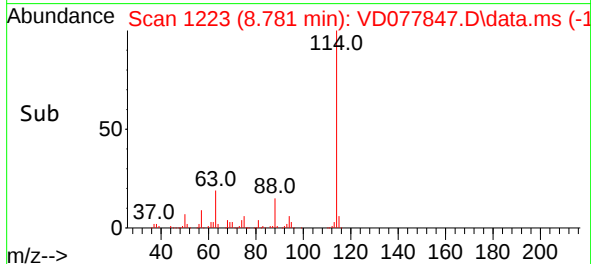
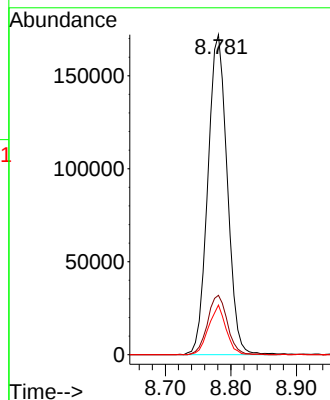
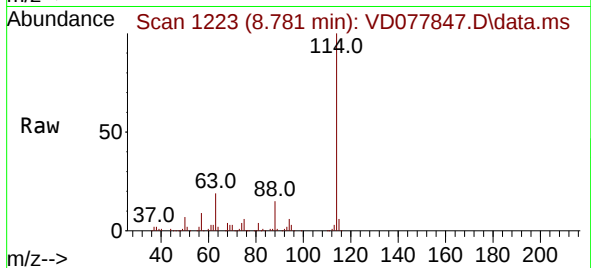




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

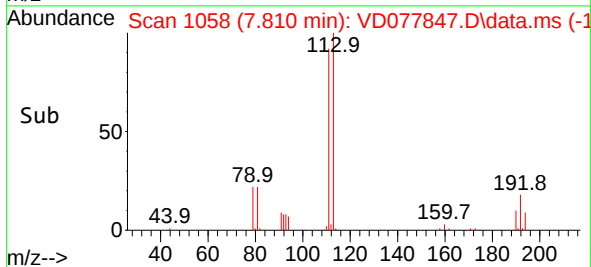
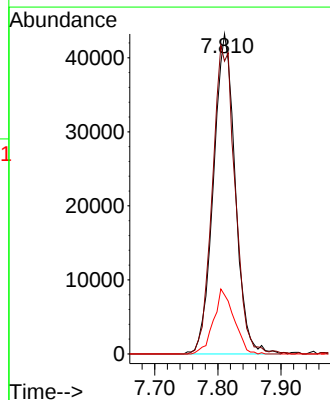
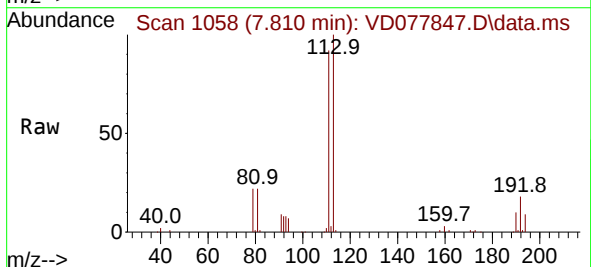
Instrument :
MSVOA_D
ClientSampleId :
WC-1

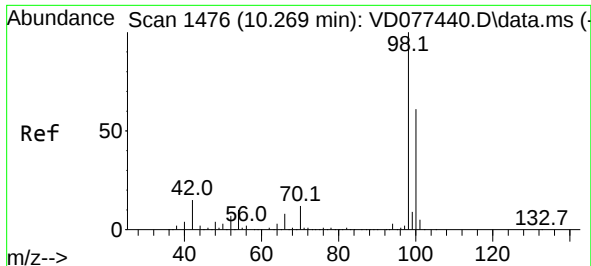
Tgt Ion:114 Resp: 353570
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 15.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 41.787 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

Tgt Ion:113 Resp: 103491
Ion Ratio Lower Upper
113 100
111 100.1 84.7 127.1
192 19.0 16.8 25.2

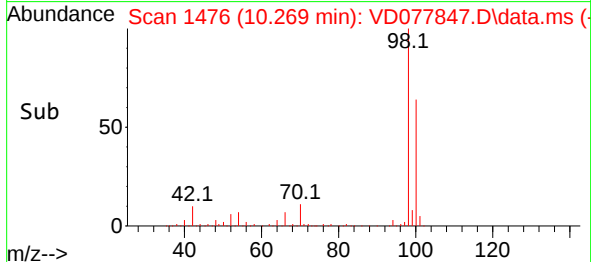
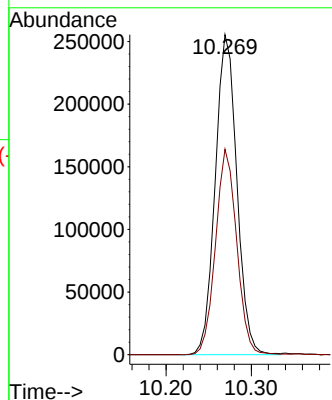
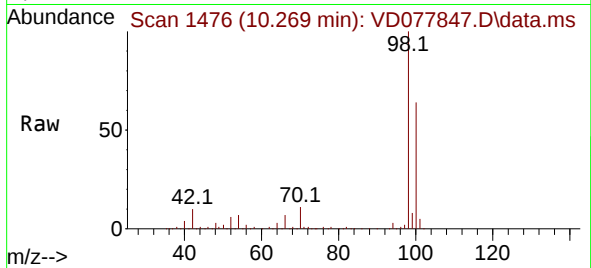




#50
Toluene-d8
Concen: 45.396 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

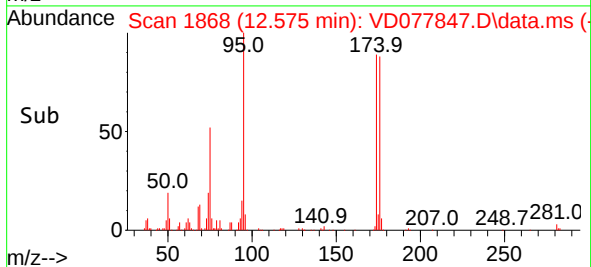
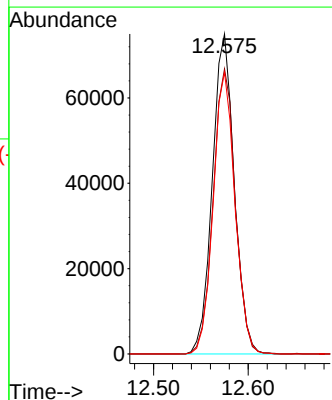
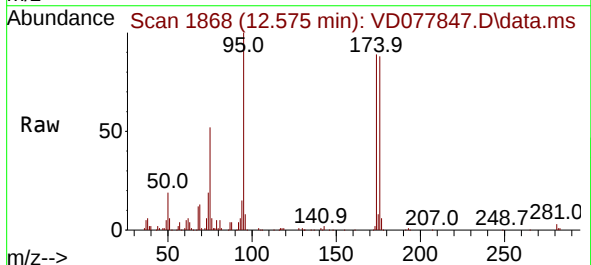
Instrument :
MSVOA_D
ClientSampleId :
WC-1

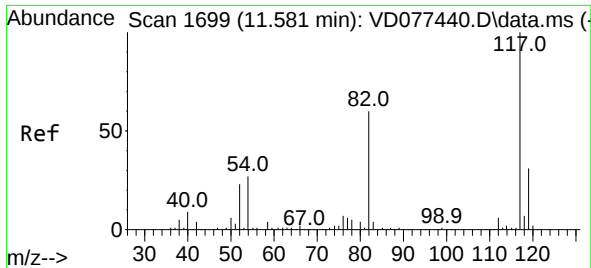
Tgt Ion: 98 Resp: 450292
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.822 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

Tgt Ion: 95 Resp: 121061
Ion Ratio Lower Upper
95 100
174 89.7 0.0 201.8
176 87.2 0.0 191.8

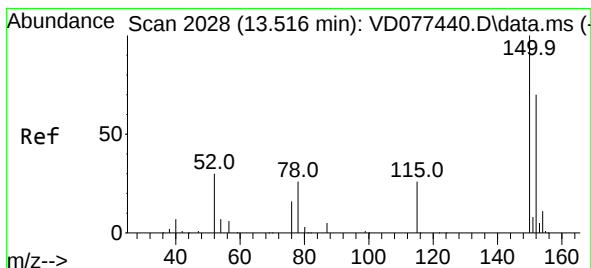
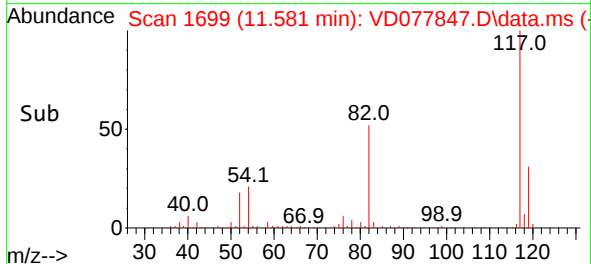
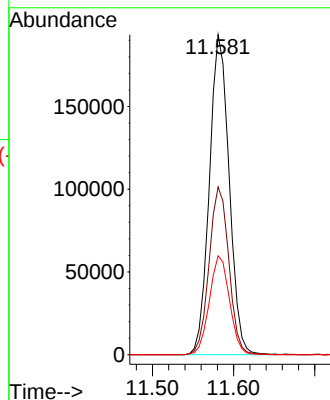
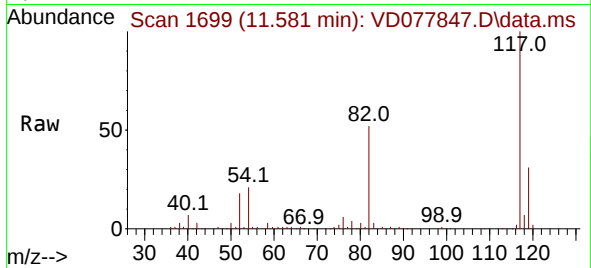




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077847.D
Acq: 12 Dec 2023 17:29

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 327121
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 30.9 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: VD077847.D
Acq: 12 Dec 2023 17:29

Tgt Ion:152 Resp: 134638
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 158.0 0.0 353.6

