

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078011.D
 Acq On : 21 Dec 2023 00:25
 Operator : RP/MD
 Sample : 05887-03
 Misc : 3.85G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-121423-VOC

Quant Time: Dec 21 05:32:53 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	177948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	315821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	293075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77592	37.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.000%
35) Dibromofluoromethane	7.810	113	91530	41.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.740%
50) Toluene-d8	10.269	98	399678	45.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.575	95	110079	41.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.120%

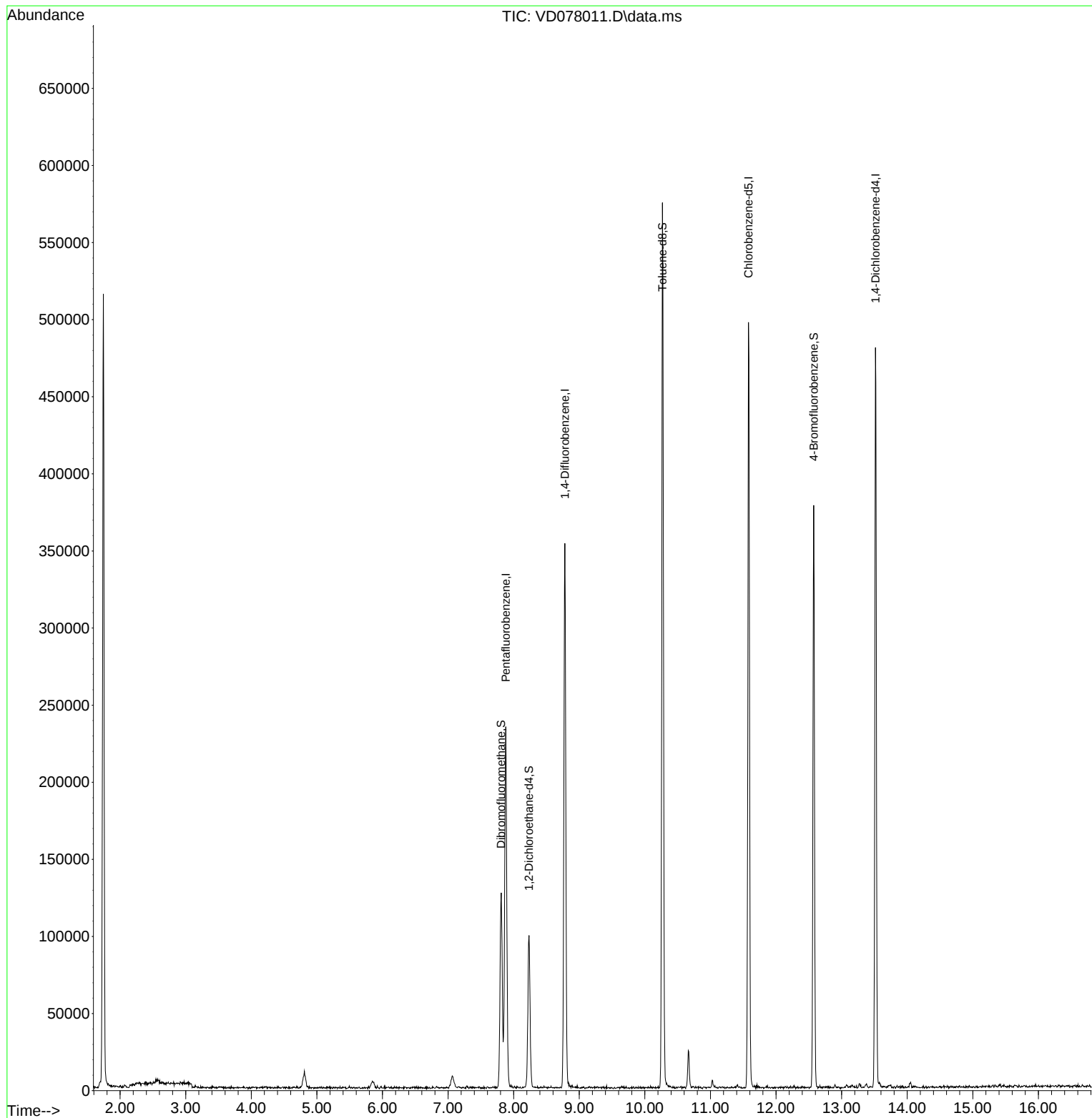
Target Compounds	Qvalue

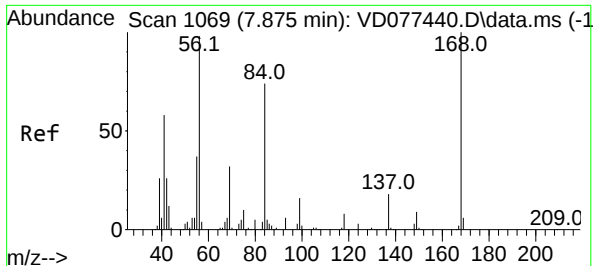
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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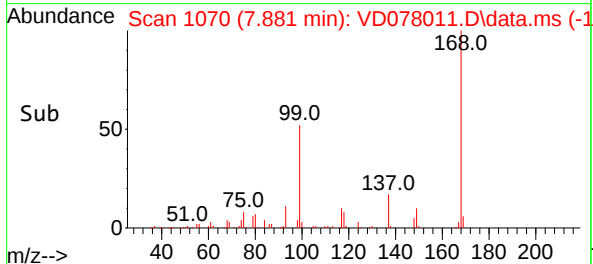
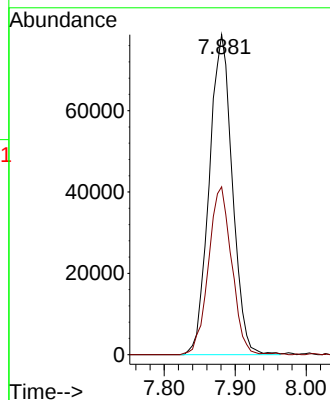
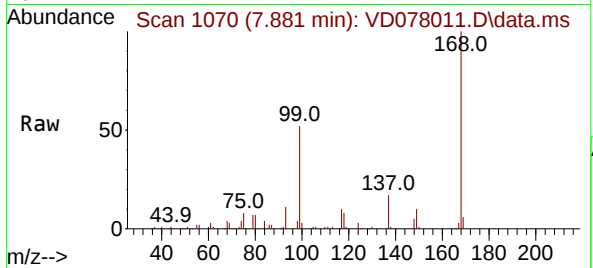




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

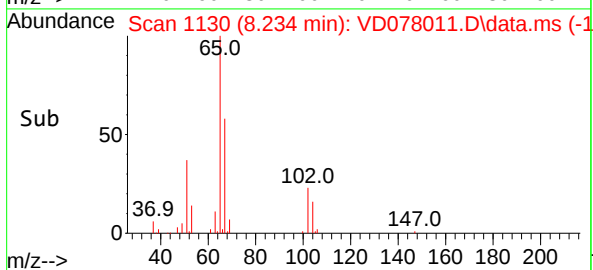
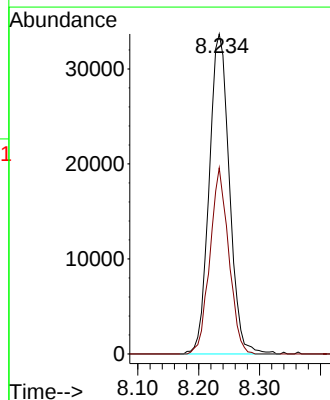
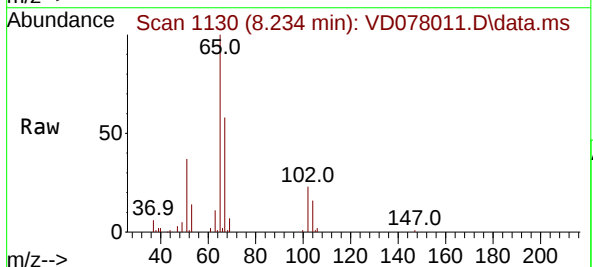
Instrument :
MSVOA_D
ClientSampleId :
WC-121423-VOC

Tgt Ion:168 Resp: 177948
Ion Ratio Lower Upper
168 100
99 52.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 37.004 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

Tgt Ion: 65 Resp: 77592
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0

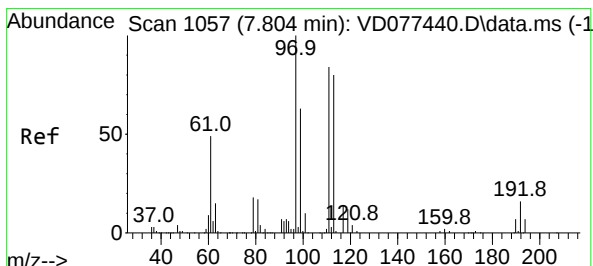
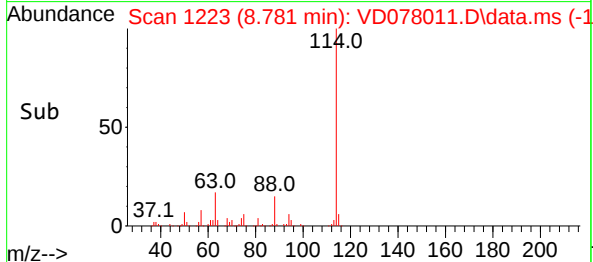
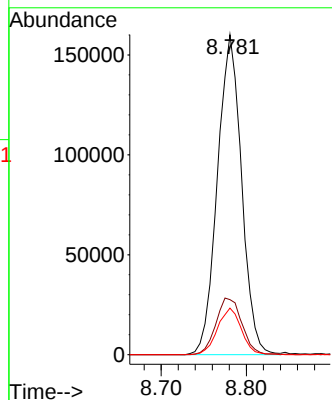
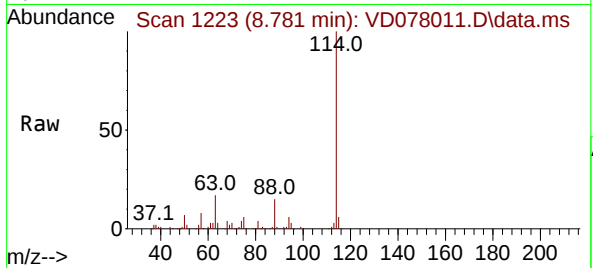




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

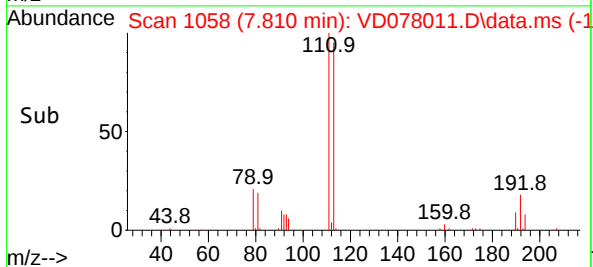
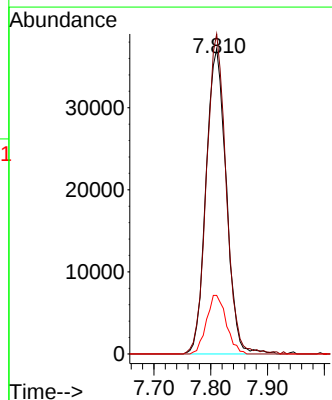
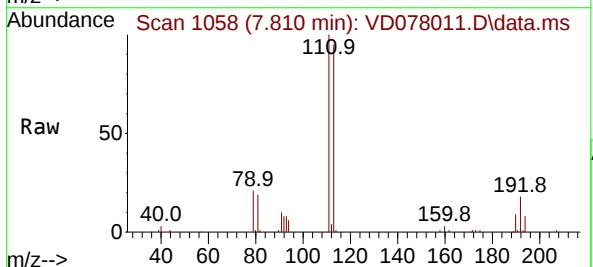
Instrument :
MSVOA_D
ClientSampleId :
WC-121423-VOC

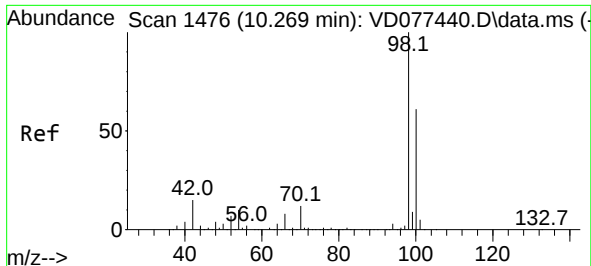
Tgt Ion:114 Resp: 315821
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 41.375 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

Tgt Ion:113 Resp: 91530
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 18.9 16.8 25.2

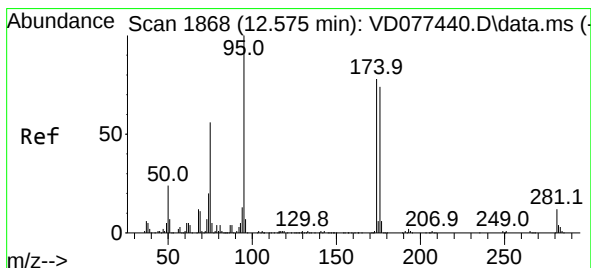
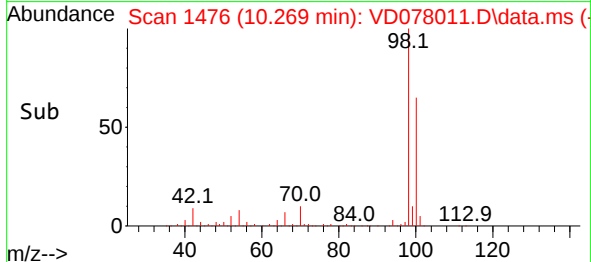
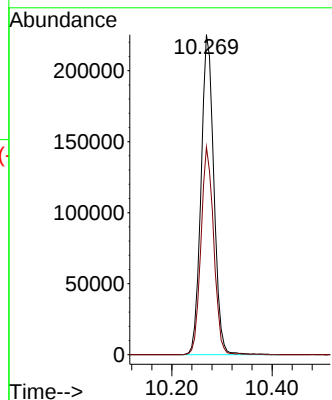
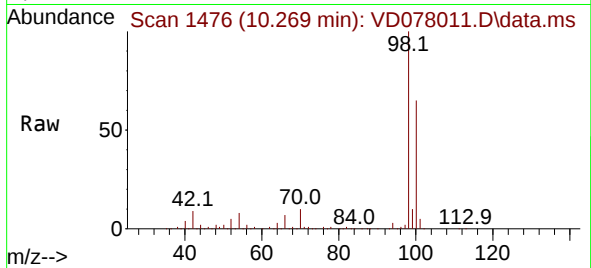




#50
Toluene-d8
Concen: 45.109 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

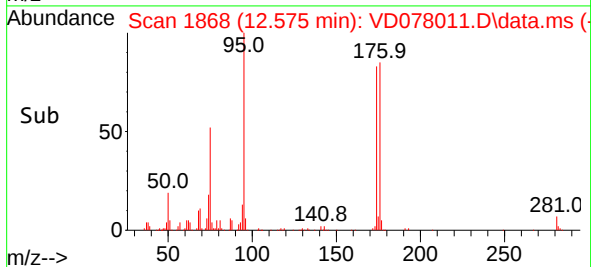
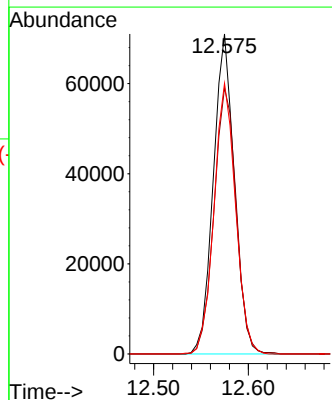
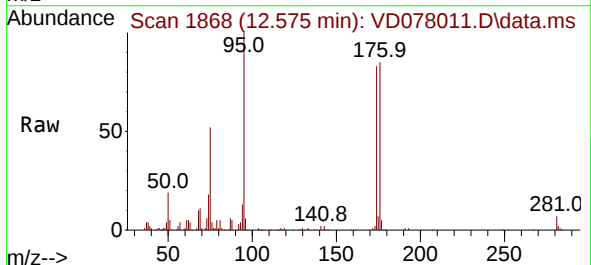
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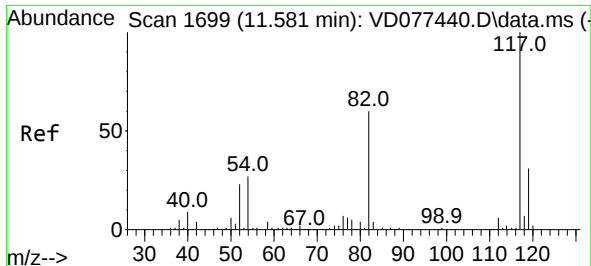
Tgt Ion: 98 Resp: 399678
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.555 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

Tgt Ion: 95 Resp: 110079
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 86.6 0.0 191.8

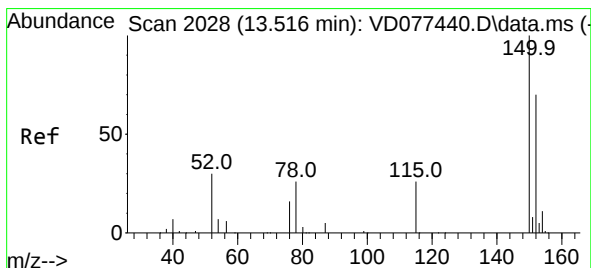
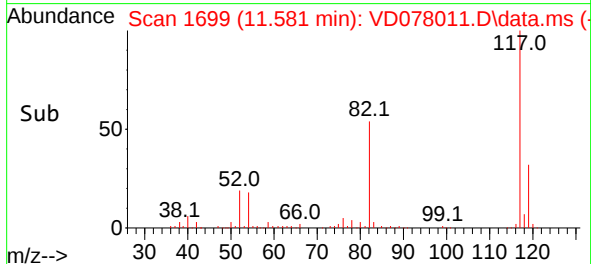
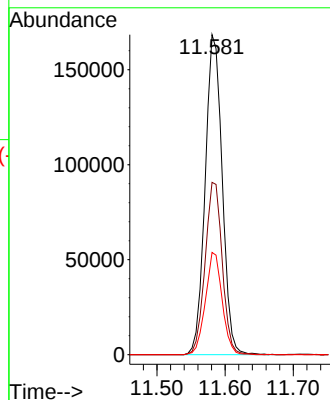
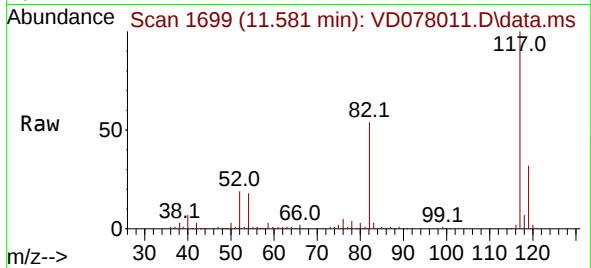




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078011.D
Acq: 21 Dec 2023 00:25

Instrument :
MSVOA_D
ClientSampleId :
WC-121423-VOC

Tgt Ion:117 Resp: 293075
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 32.0 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: VD078011.D
Acq: 21 Dec 2023 00:25

Tgt Ion:152 Resp: 128927
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 154.2 0.0 353.6

