

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077500.D
 Acq On : 03 Nov 2023 17:44
 Operator : JC/SY
 Sample : 05257-07
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-VOC

Quant Time: Nov 04 05:16:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	280497	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	557161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	509990	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	222167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	172604	43.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.040%
35) Dibromofluoromethane	7.804	113	166842	43.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.660%
50) Toluene-d8	10.269	98	723070	48.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.575	95	221765	44.019	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.040%

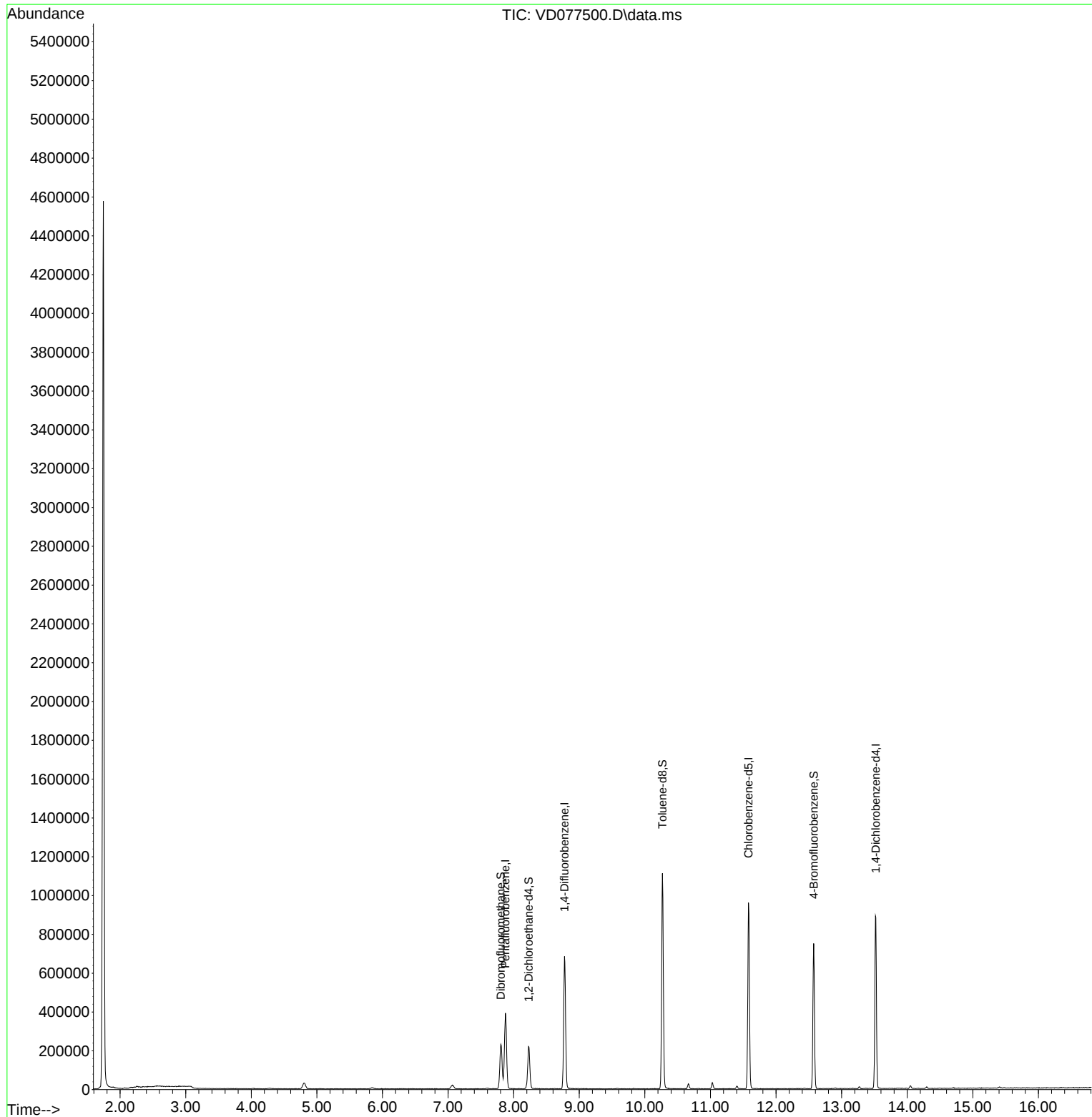
Target Compounds	Qvalue

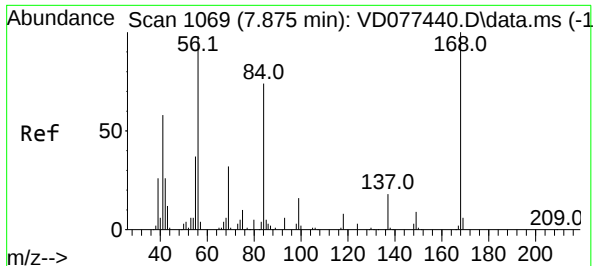
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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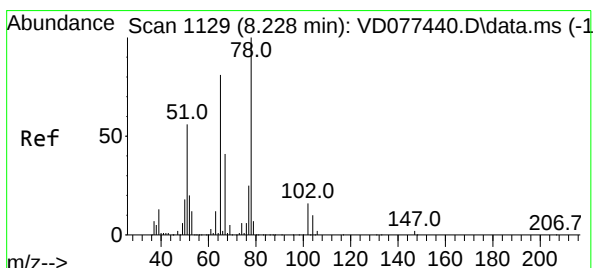
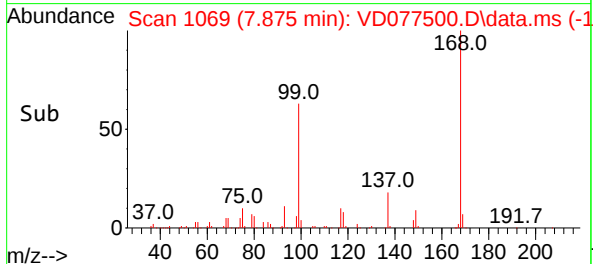
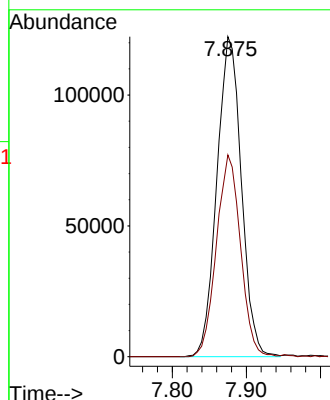
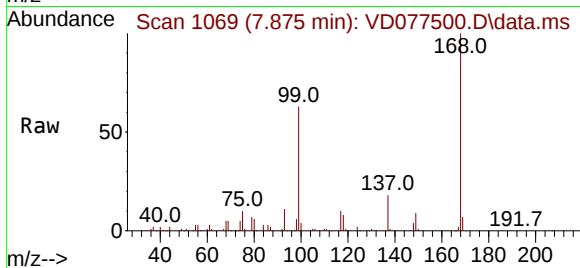




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

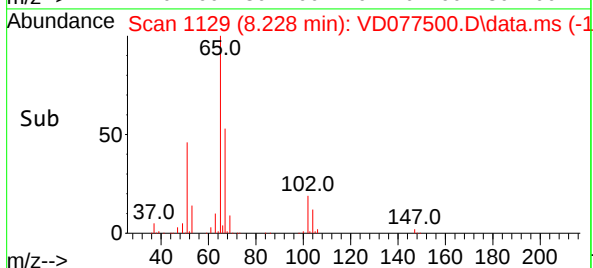
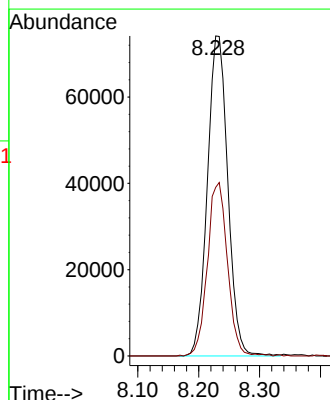
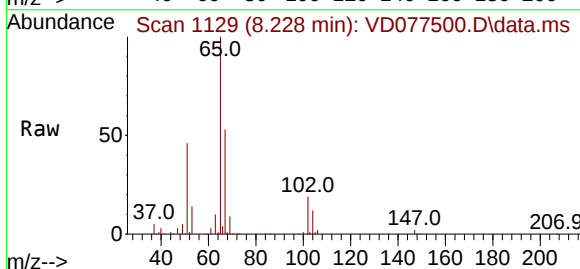
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

Tgt Ion:168 Resp: 280497
Ion Ratio Lower Upper
168 100
99 63.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 43.517 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

Tgt Ion: 65 Resp: 172604
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0

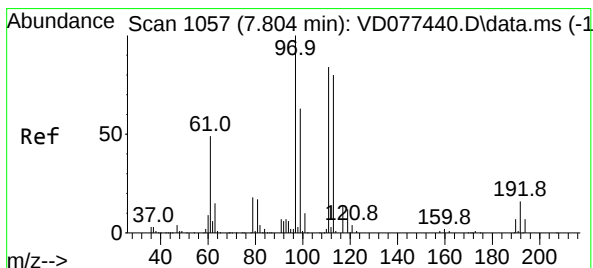
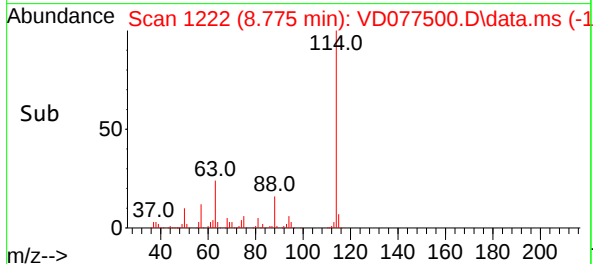
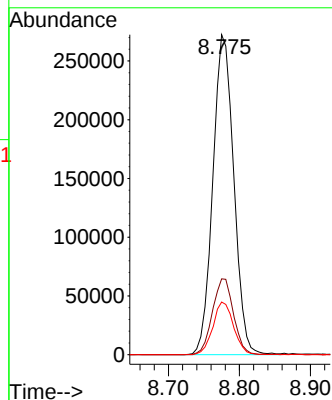
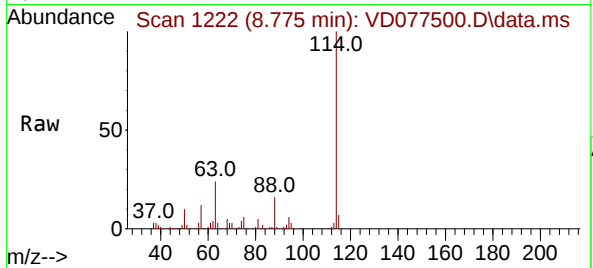




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. -0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

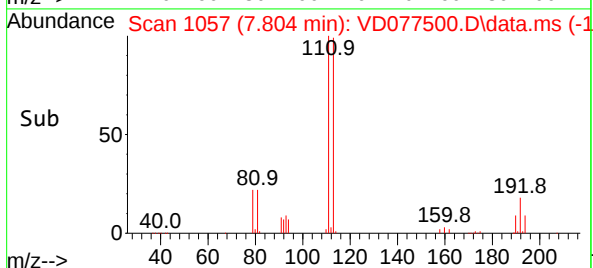
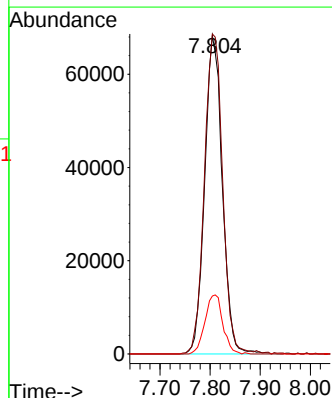
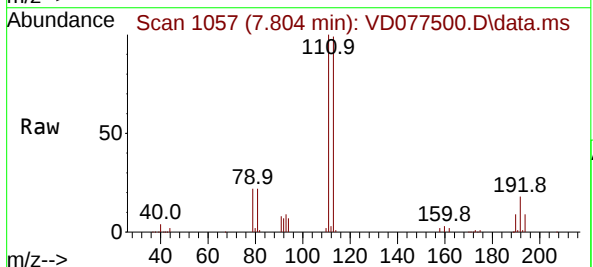
Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

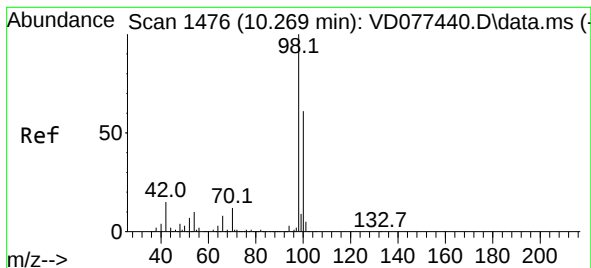
Tgt Ion:114 Resp: 557161
Ion Ratio Lower Upper
114 100
63 23.7 0.0 33.4
88 16.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.326 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

Tgt Ion:113 Resp: 166842
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 18.7 16.8 25.2

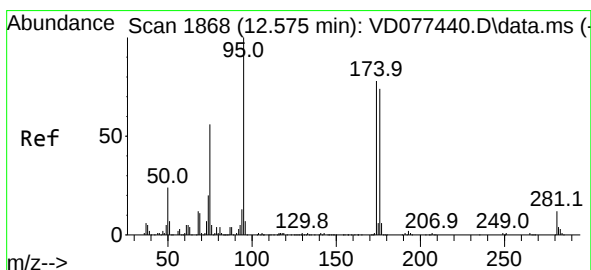
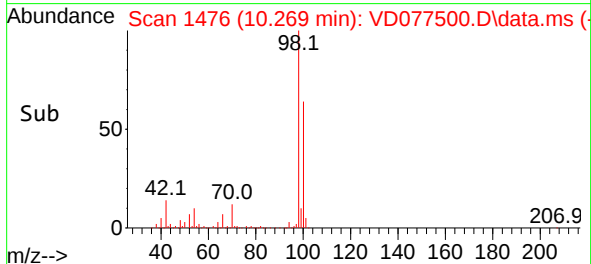
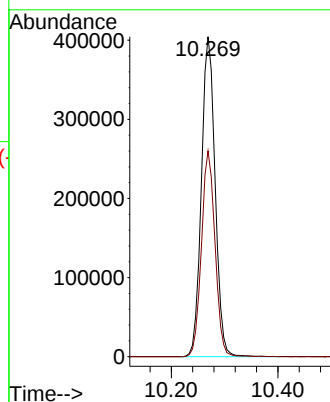
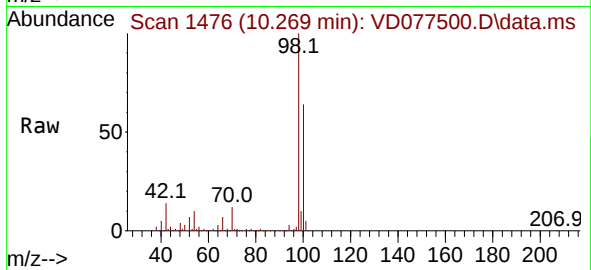




#50
Toluene-d8
Concen: 48.341 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

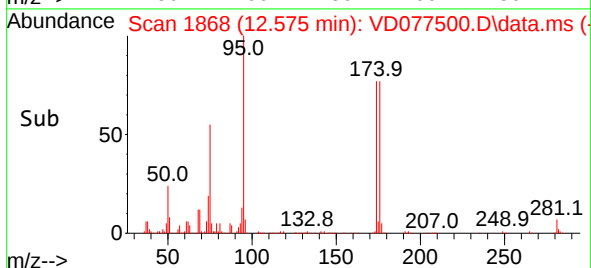
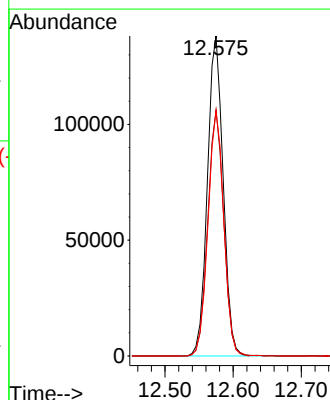
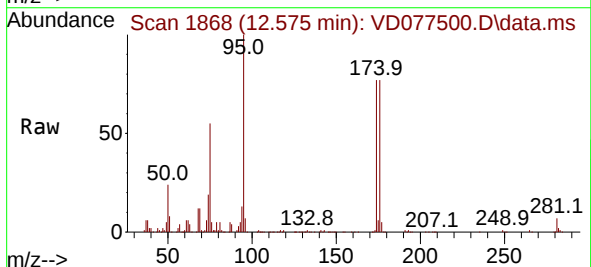
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WC-2-VOC

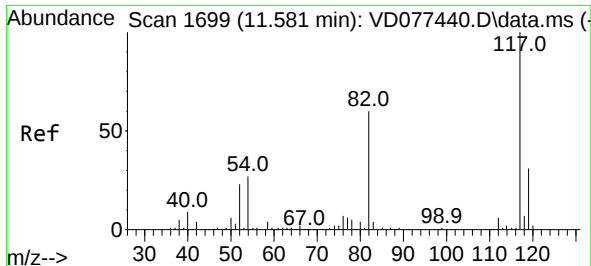
Tgt Ion: 98 Resp: 723070
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.019 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

Tgt Ion: 95 Resp: 221765
Ion Ratio Lower Upper
95 100
174 77.5 0.0 201.8
176 76.9 0.0 191.8

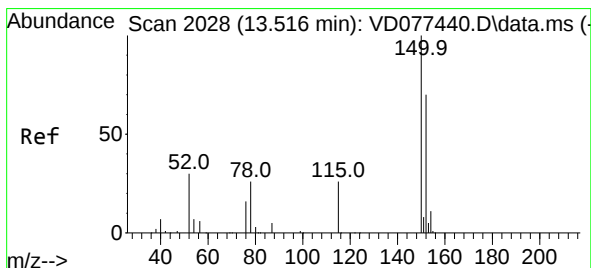
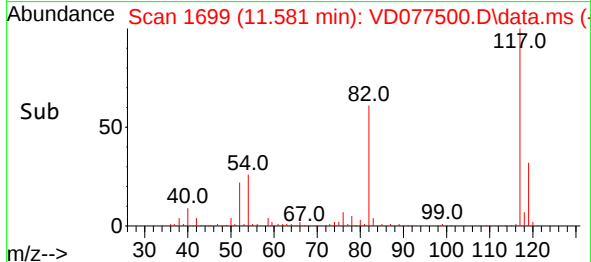
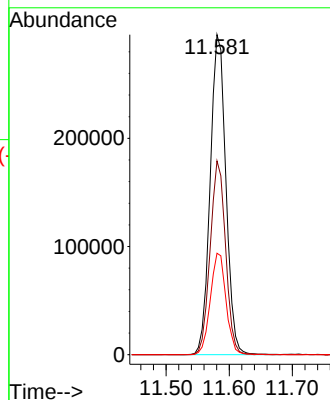
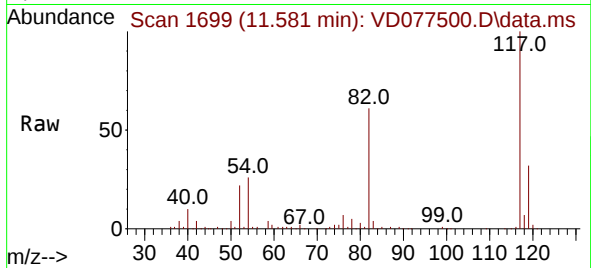




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077500.D
Acq: 03 Nov 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
WC-2-VOC

Tgt Ion:117 Resp: 509990
Ion Ratio Lower Upper
117 100
82 60.6 38.3 57.5#
119 31.7 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: VD077500.D
Acq: 03 Nov 2023 17:44

Tgt Ion:152 Resp: 222167
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 158.0 0.0 353.6

