

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069876.D
 Acq On : 27 Jul 2021 19:46
 Operator : VA/SY
 Sample : M3178-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jul 28 04:01:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	658316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1303239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1171859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	471024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	434096	57.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.660%
35) Dibromofluoromethane	7.914	113	430644	52.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.338	98	1668341	52.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.626	95	490547	46.334	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%

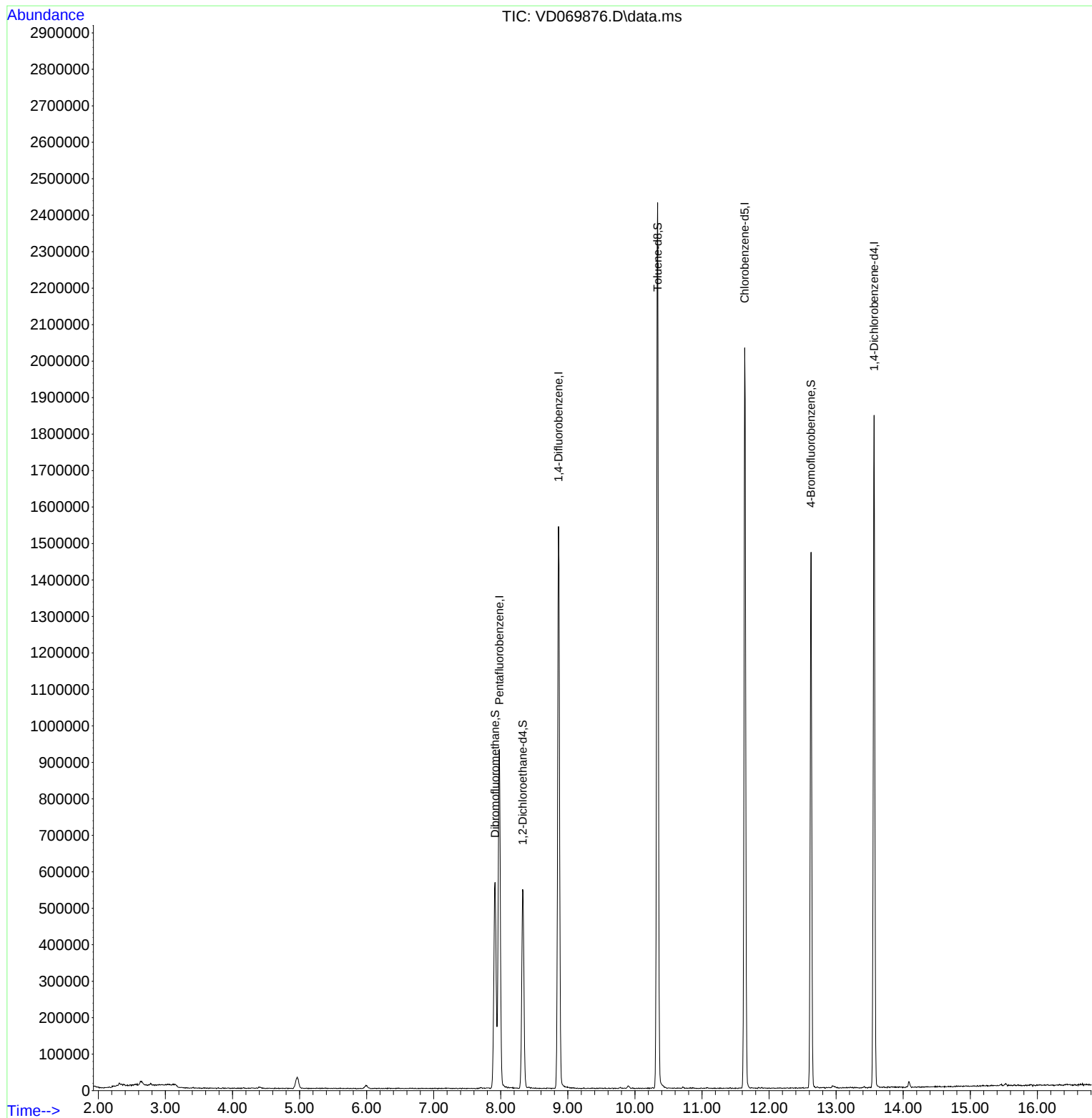
Target Compounds	Qvalue

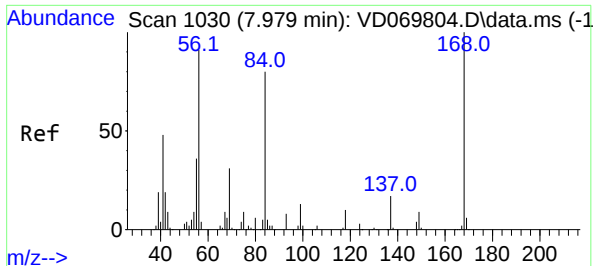
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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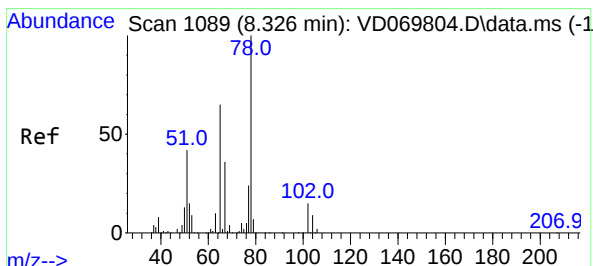
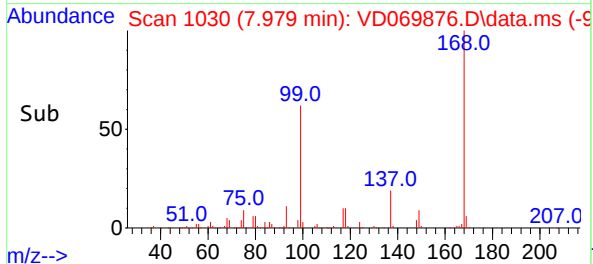
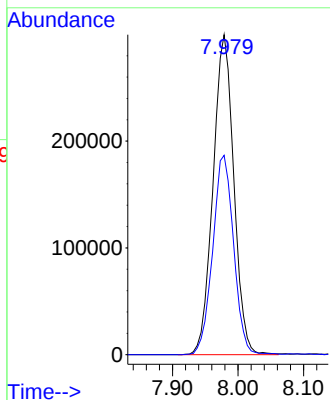
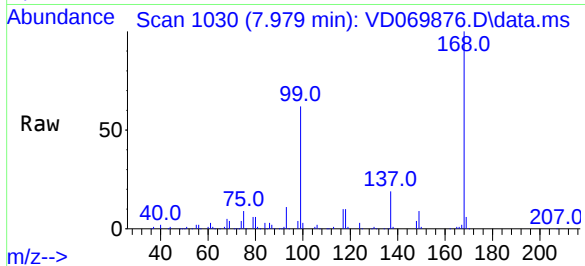




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

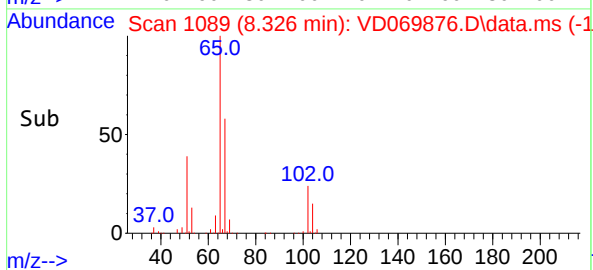
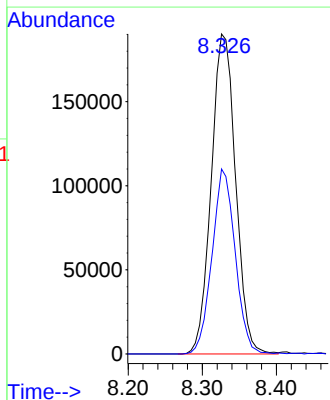
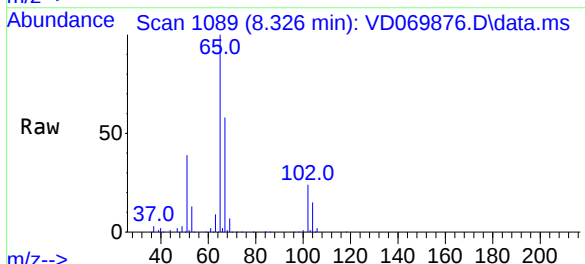
Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:168 Resp: 658316
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 57.335 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

Tgt Ion: 65 Resp: 434096
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2

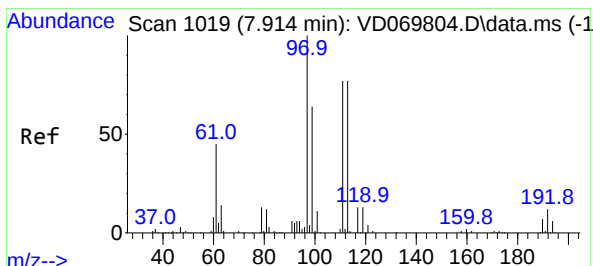
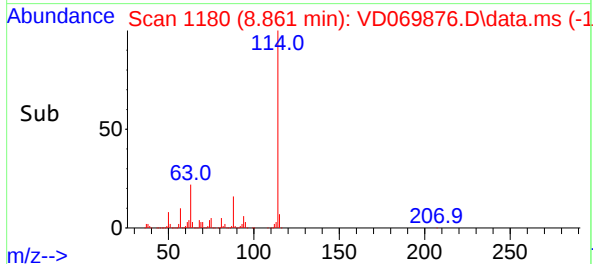
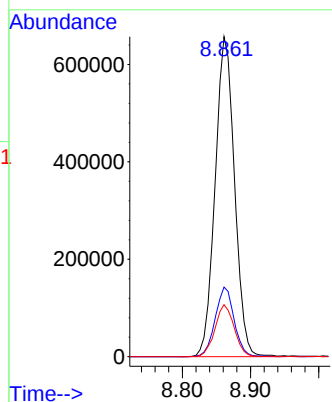
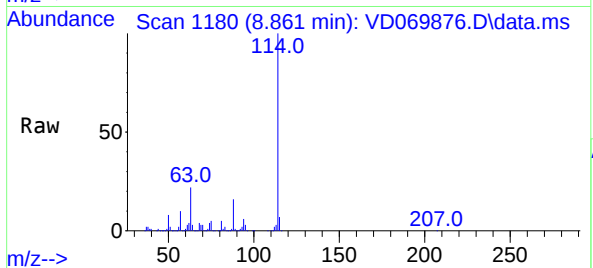




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

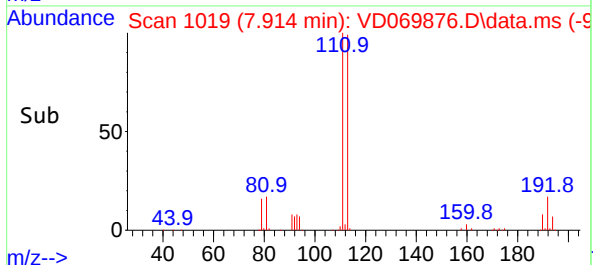
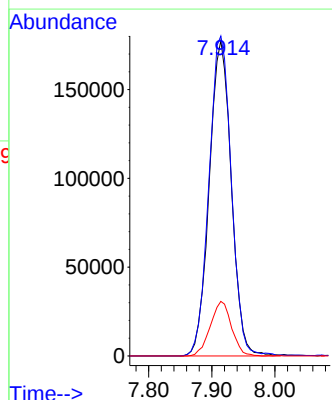
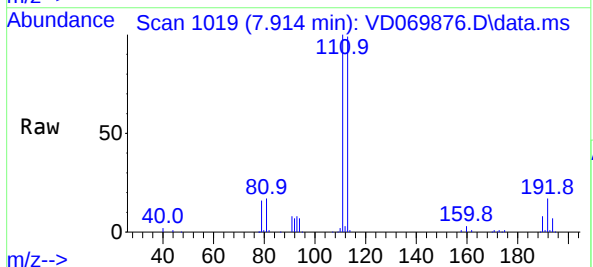
Instrument :
MSVOA_D
ClientSampled :
VOC

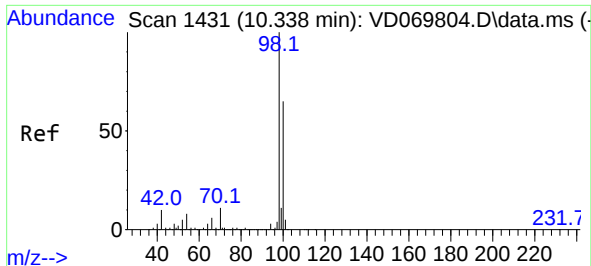
Tgt Ion:114 Resp: 1303239
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.418 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

Tgt Ion:113 Resp: 430644
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 16.7 12.6 19.0

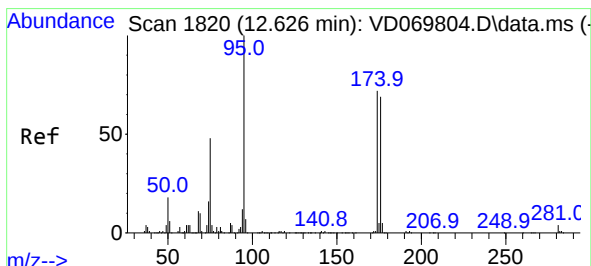
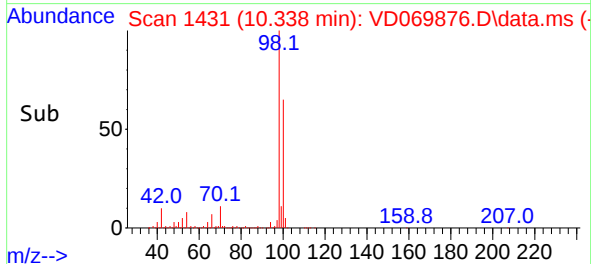
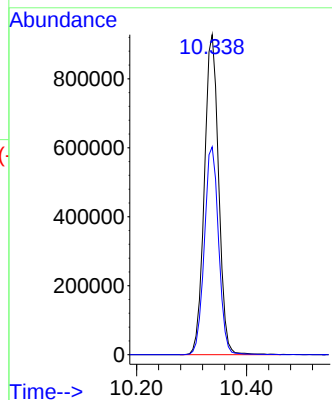
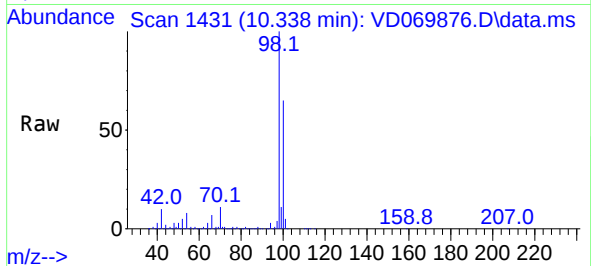




#50
Toluene-d8
Concen: 52.664 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

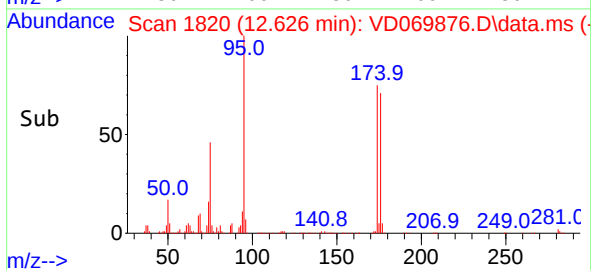
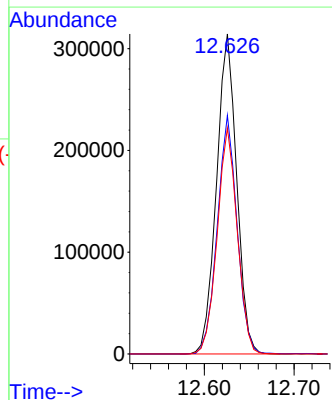
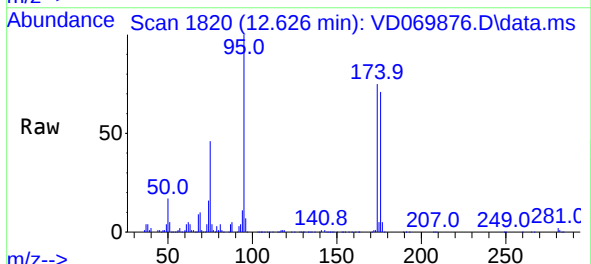
Instrument :
MSVOA_D
ClientSampleId :
VOC

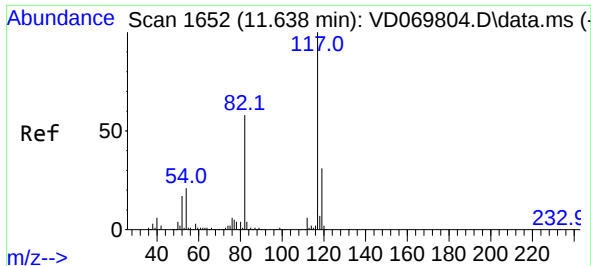
Tgt Ion: 98 Resp: 1668341
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

Tgt Ion: 95 Resp: 490547
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.6
176 70.1 0.0 134.2



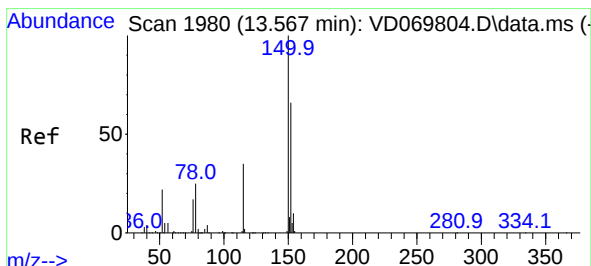
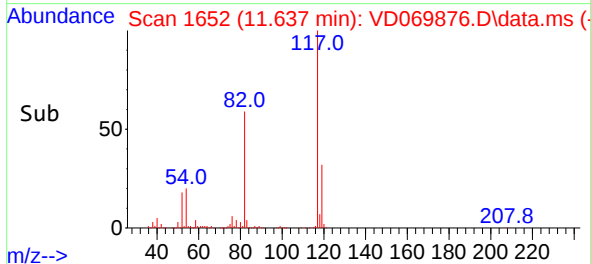
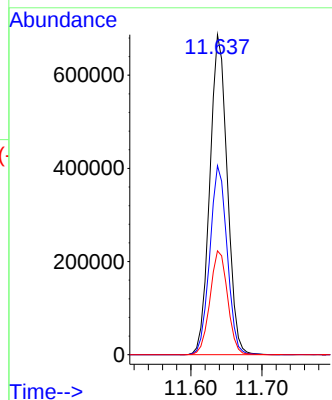
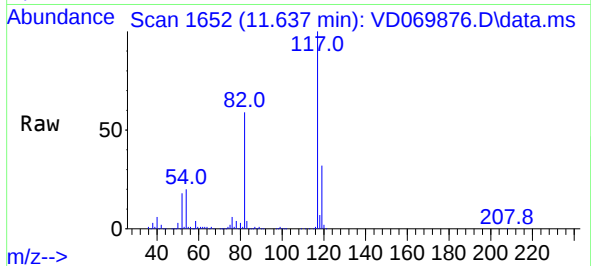


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 1171859

Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.3	69.5
119	32.5	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069876.D
Acq: 27 Jul 2021 19:46

Tgt Ion:152 Resp: 471024

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	160.0	0.0	343.0

