

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070985.D
 Acq On : 11 Nov 2021 12:09
 Operator : VA/SY
 Sample : M4574-04
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B6-110521-0-1

Quant Time: Nov 12 07:59:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	355782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	641770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	621549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208764	55.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.22%	
35) Dibromofluoromethane	7.914	113	198133	54.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.42%	
50) Toluene-d8	10.338	98	802652	56.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.20%	
62) 4-Bromofluorobenzene	12.620	95	298906	58.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.08%	

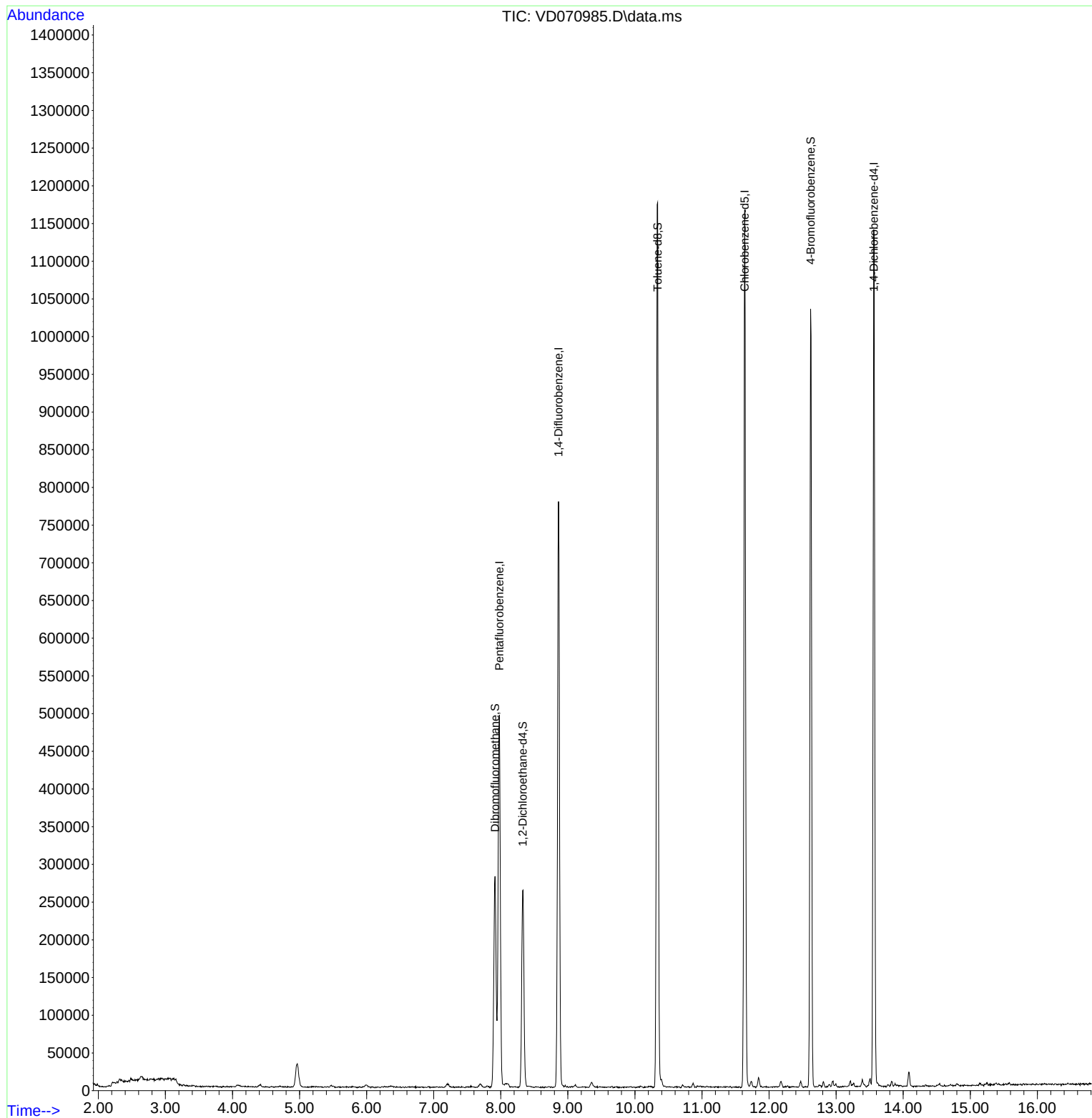
Target Compounds	Qvalue

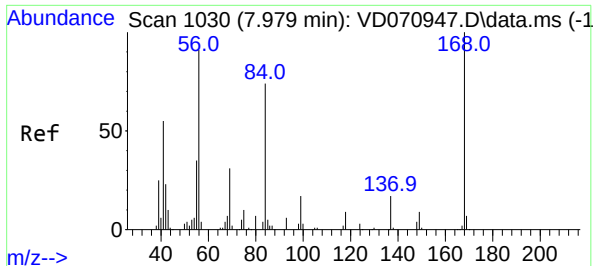
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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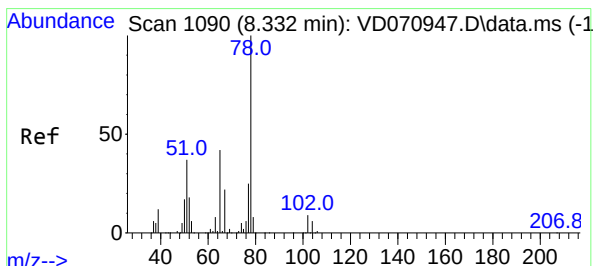
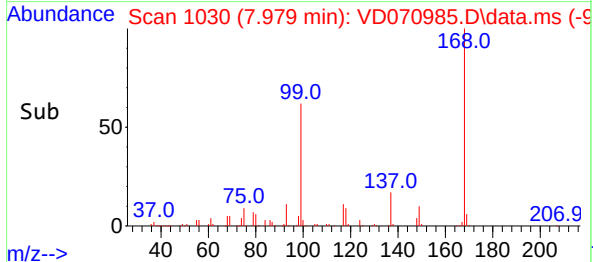
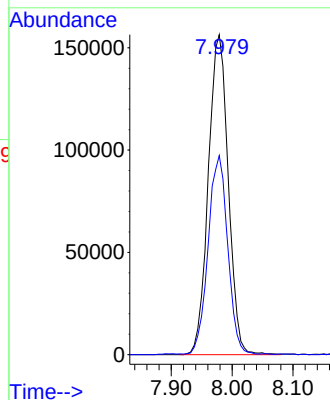
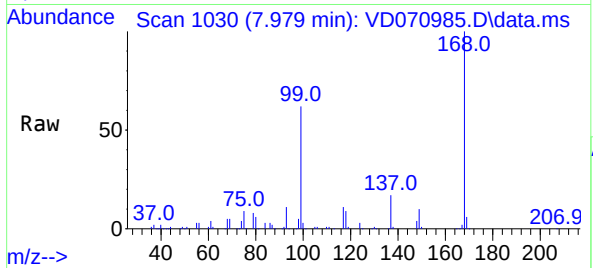




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

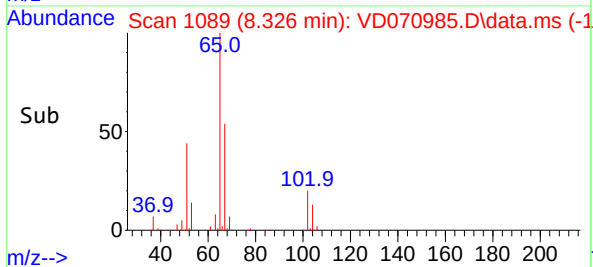
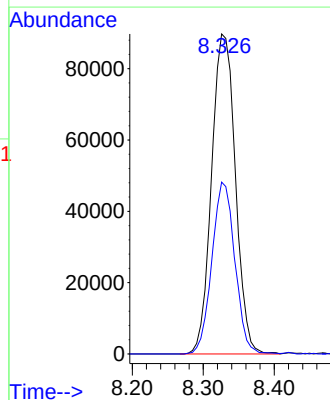
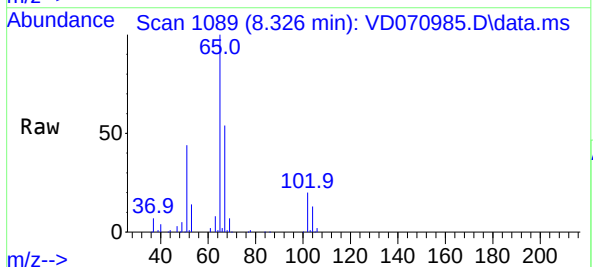
Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-0-1

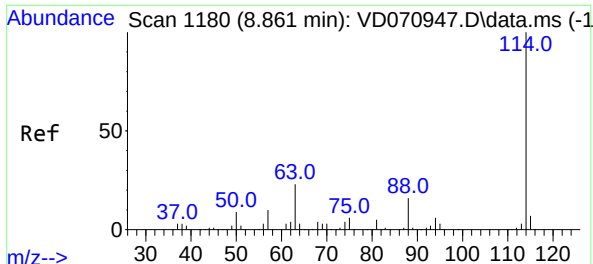
Tgt Ion:168 Resp: 355782
Ion Ratio Lower Upper
168 100
99 62.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.11 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion: 65 Resp: 208764
Ion Ratio Lower Upper
65 100
67 51.8 0.0 112.2

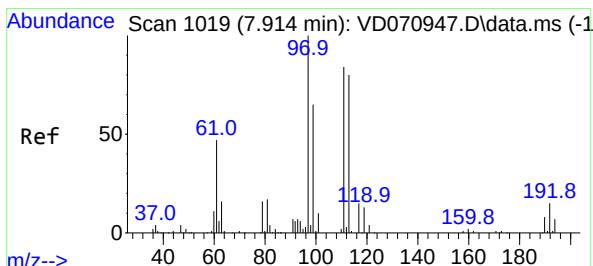
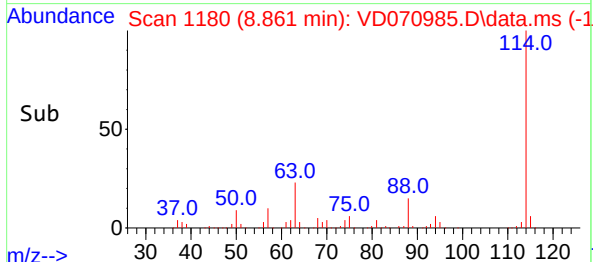
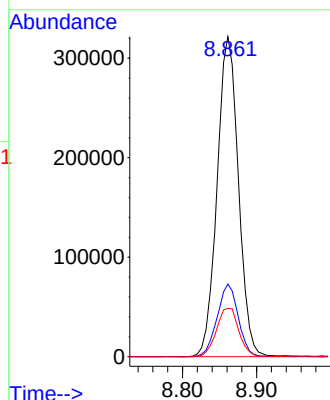
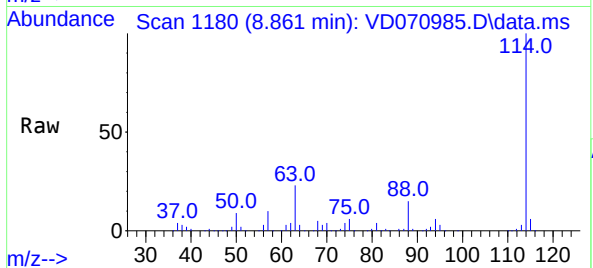




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

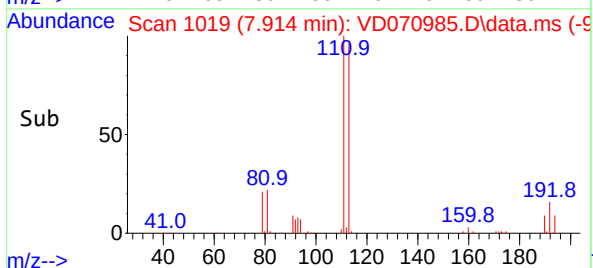
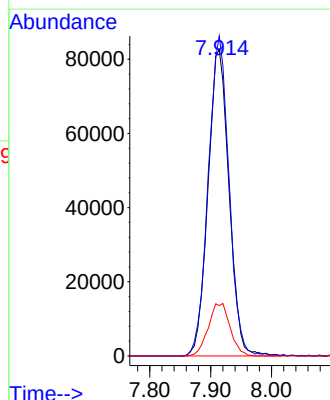
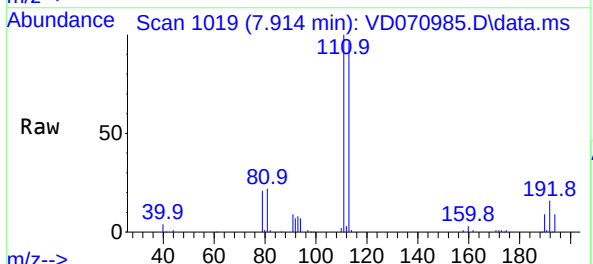
Instrument :
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VWE-B6-110521-0-1

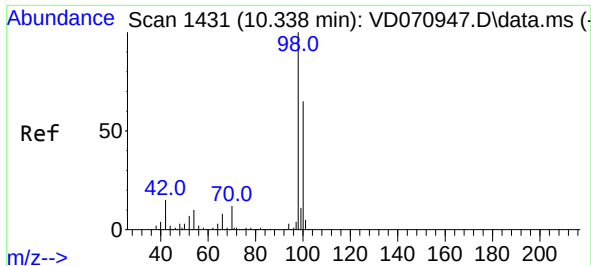
Tgt Ion:114 Resp: 641770
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion:113 Resp: 198133
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 17.8 15.2 22.8

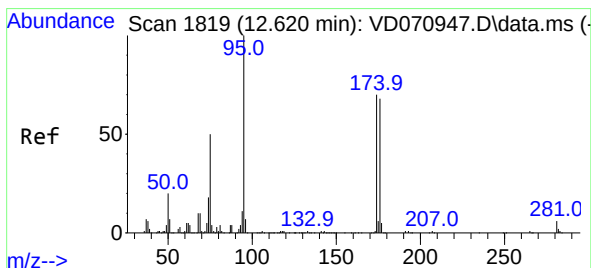
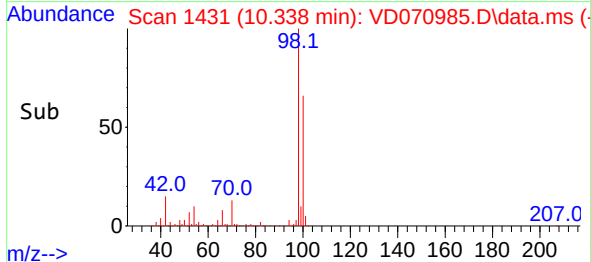
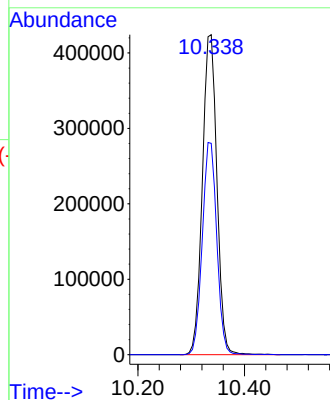
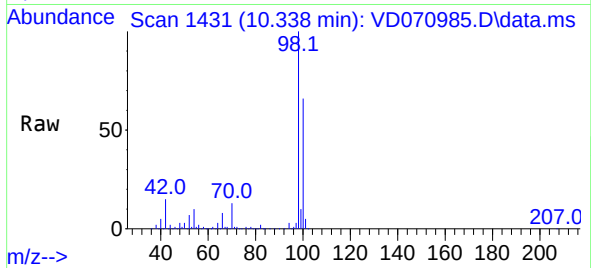




#50
Toluene-d8
Concen: 56.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

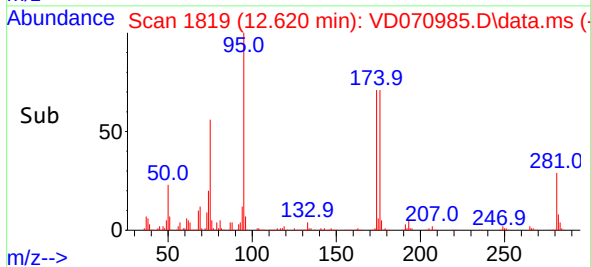
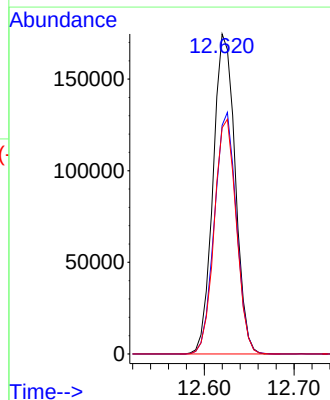
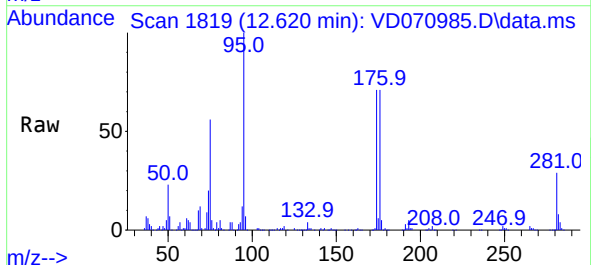
Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-0-1

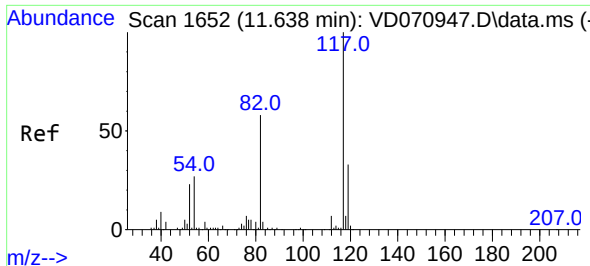
Tgt Ion: 98 Resp: 802652
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.54 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion: 95 Resp: 298906
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 72.9 0.0 154.0



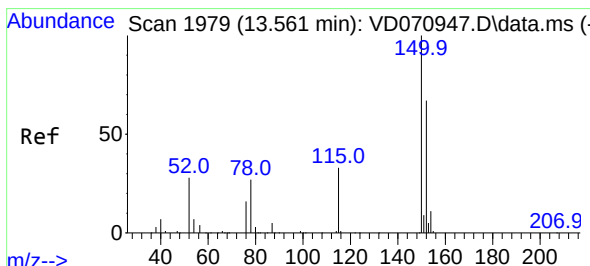
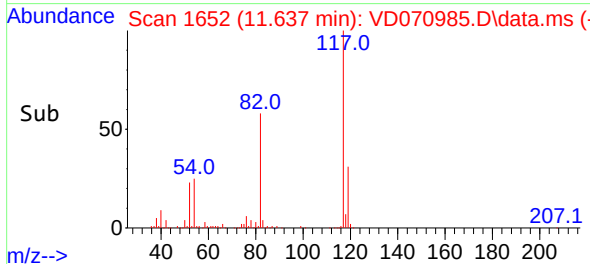
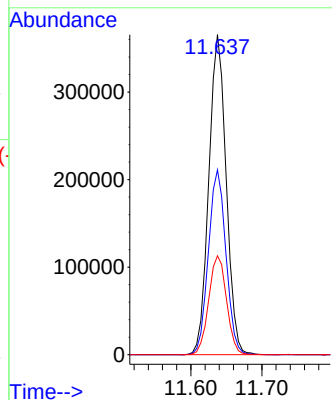
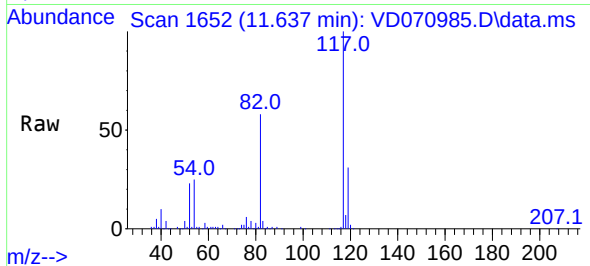


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-0-1

Tgt Ion:117 Resp: 621549

Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.7	67.1
119	30.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion:152 Resp: 286102

Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	158.0	0.0	349.2

