

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070987.D
 Acq On : 11 Nov 2021 13:06
 Operator : VA/SY
 Sample : M4574-06
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B6-110521-29-30

Quant Time: Nov 12 07:59:45 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	6768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	12574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	11128	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	4794	66.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.060%	
35) Dibromofluoromethane	7.914	113	3049	42.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.940%	
50) Toluene-d8	10.332	98	14149	50.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.620	95	5676	56.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.460%	

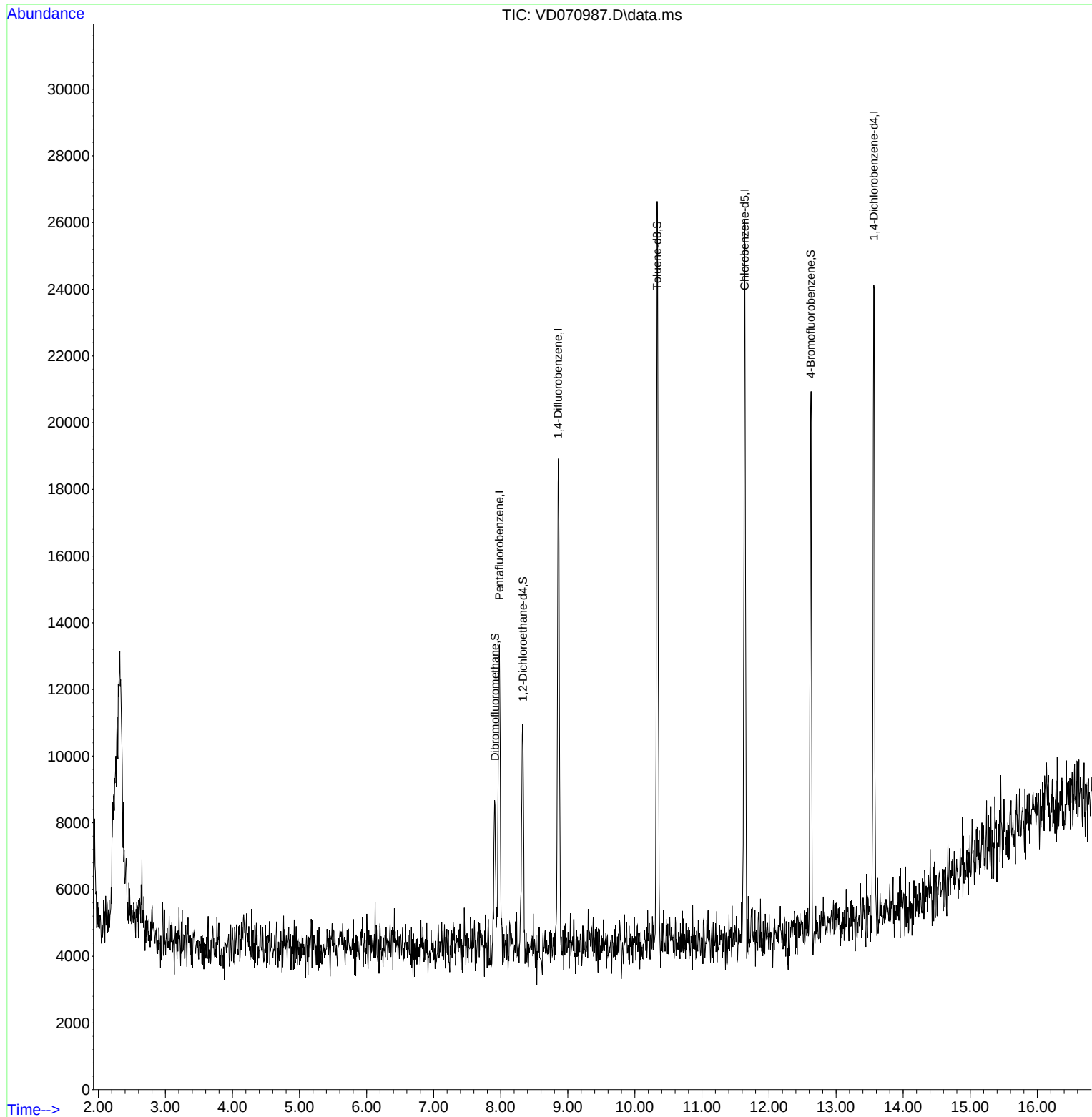
Target Compounds	Qvalue

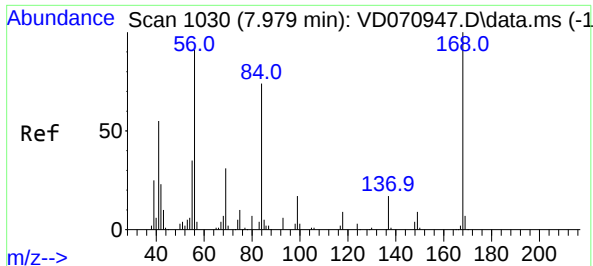
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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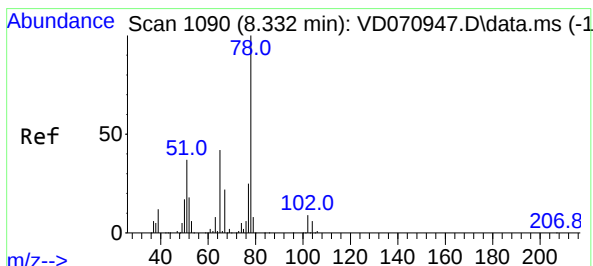
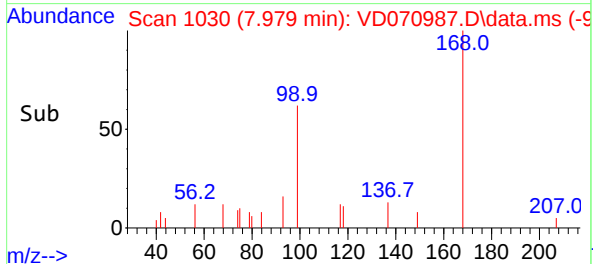
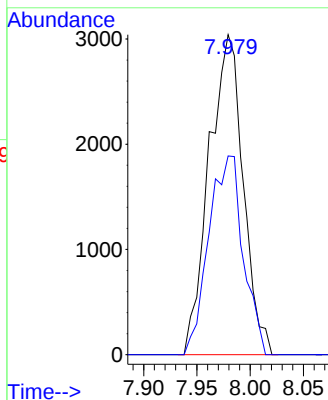
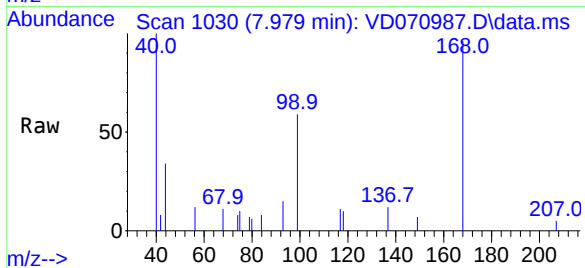




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070987.D
Acq: 11 Nov 2021 13:06

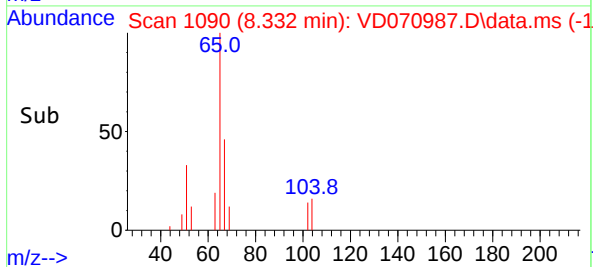
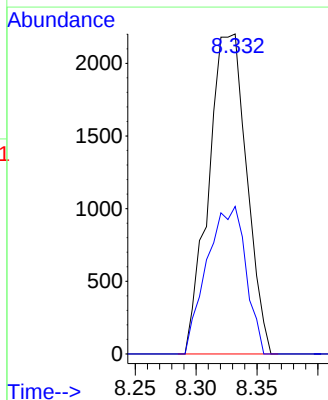
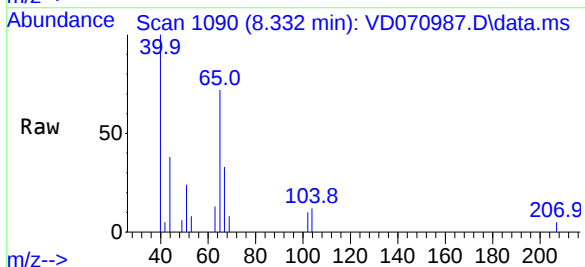
Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-29-30

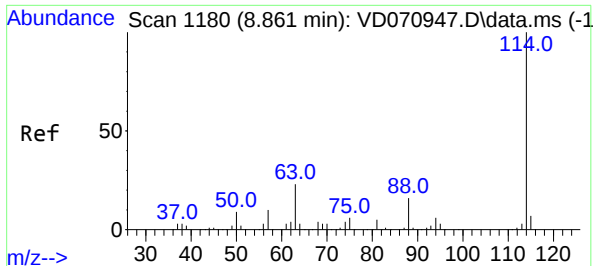
Tgt Ion:168 Resp: 6768
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 66.529 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD070987.D
Acq: 11 Nov 2021 13:06

Tgt Ion: 65 Resp: 4794
Ion Ratio Lower Upper
65 100
67 47.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD070987.D

Acq: 11 Nov 2021 13:06

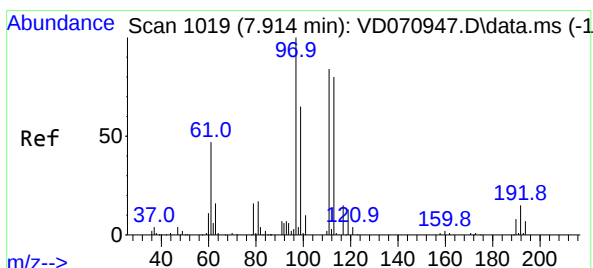
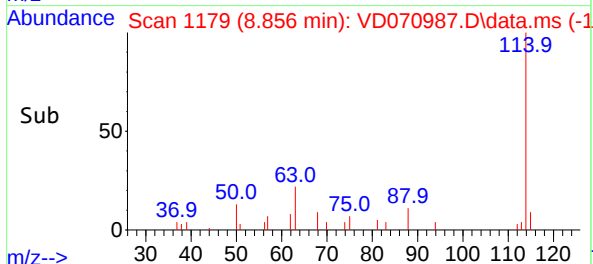
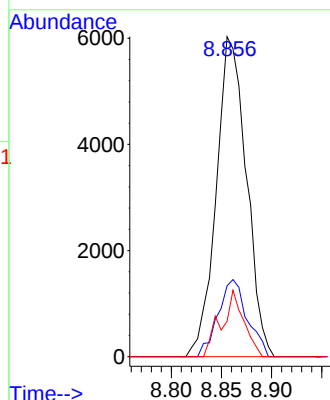
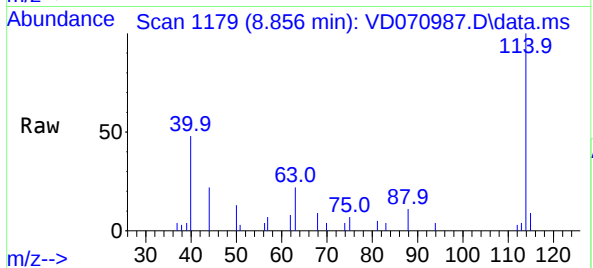
Instrument :

MSVOA_D

ClientSampleId :

VWE-B6-110521-29-30

Tgt Ion:114	Resp:	12574
Ion Ratio	Lower	Upper
114	100	
63	22.1	0.0 41.8
88	11.0	0.0 32.8



#35

Dibromofluoromethane

Concen: 42.972 ug/l

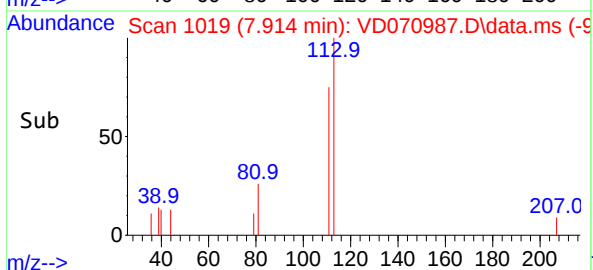
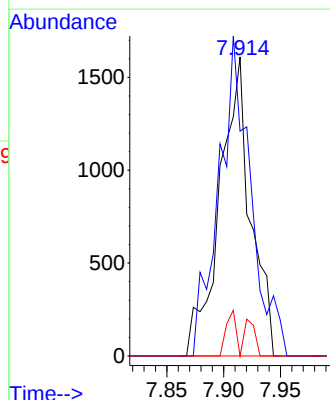
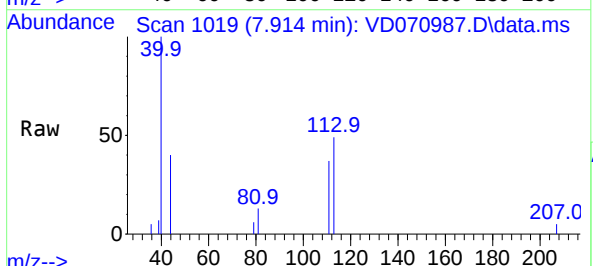
RT: 7.914 min Scan# 1019

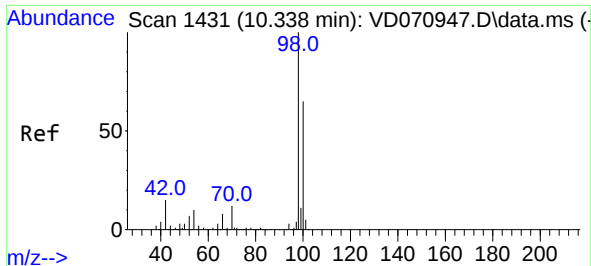
Delta R.T. 0.000 min

Lab File: VD070987.D

Acq: 11 Nov 2021 13:06

Tgt Ion:113	Resp:	3049
Ion Ratio	Lower	Upper
113	100	
111	110.4	82.0 123.0
192	4.9	15.2 22.8

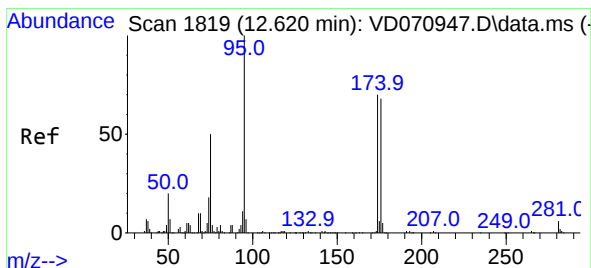
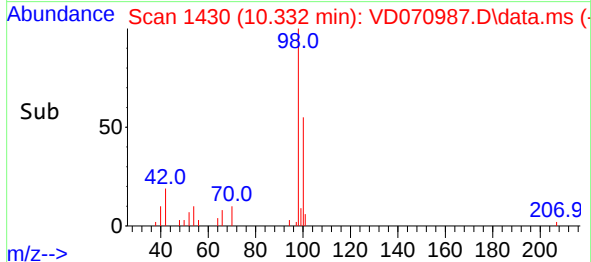
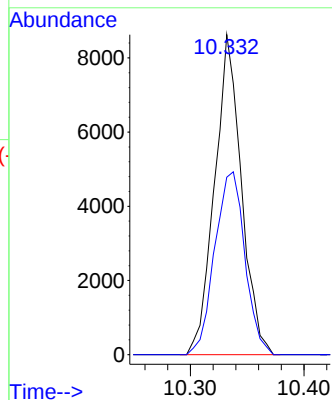
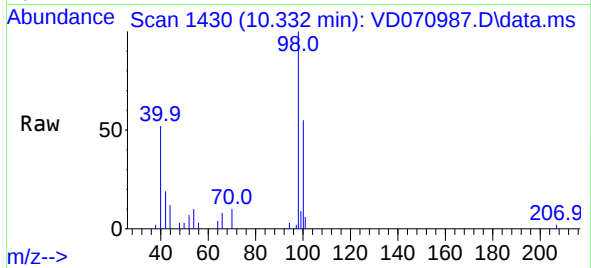




#50
Toluene-d8
Concen: 50.920 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070987.D
Acq: 11 Nov 2021 13:06

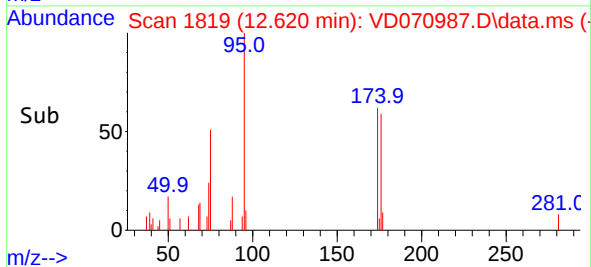
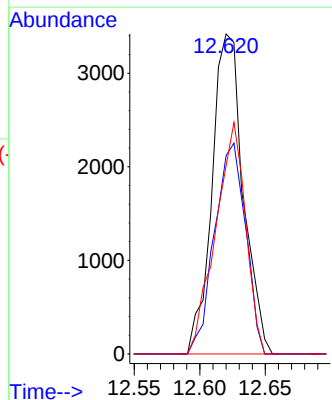
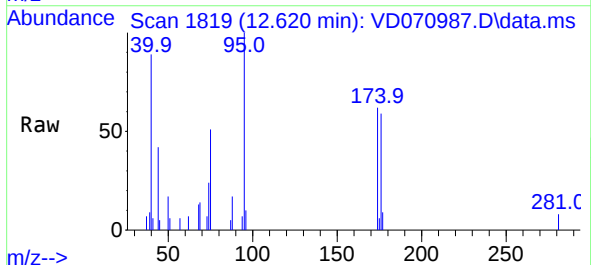
Instrument :
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ClientSampleId :
VWE-B6-110521-29-30

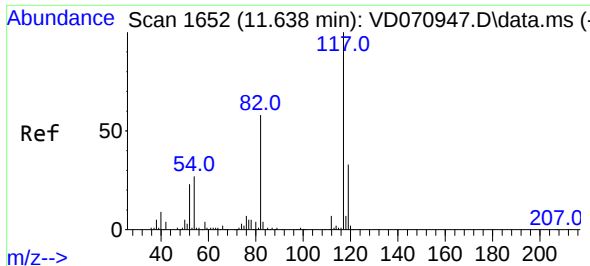
Tgt Ion: 98 Resp: 14149
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.732 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070987.D
Acq: 11 Nov 2021 13:06

Tgt Ion: 95 Resp: 5676
Ion Ratio Lower Upper
95 100
174 65.5 0.0 159.4
176 69.0 0.0 154.0

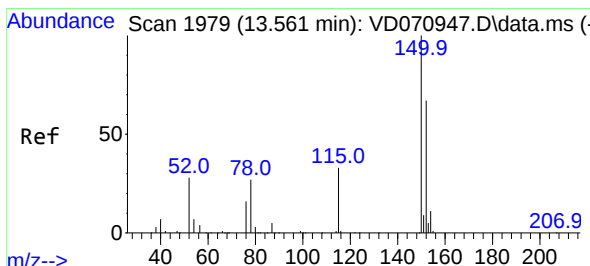
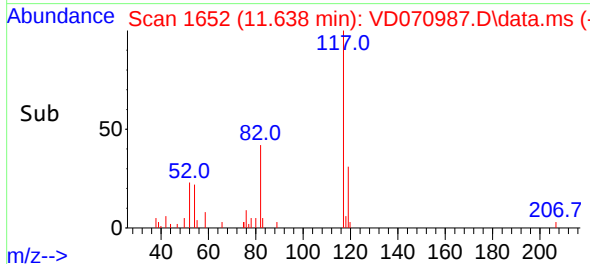
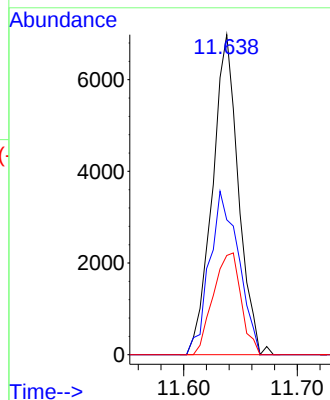
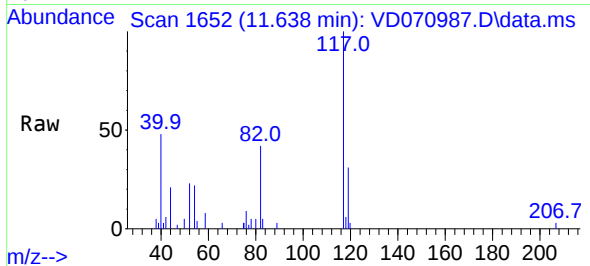




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11128
Delta R.T. -0.000 min
Lab File: VD070987.D
Acq: 11 Nov 2021 13:06

Instrument :
MSVOA_D
ClientSampleId :
VWE-B6-110521-29-30

Tgt Ion:	117	Resp:	11128
Ion	Ratio	Lower	Upper
117	100		
82	42.1	44.7	67.1#
119	31.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070987.D
Acq: 11 Nov 2021 13:06

Tgt Ion:	152	Resp:	4697
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.8	89.3
150	166.2	0.0	349.2

