

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070976.D
 Acq On : 10 Nov 2021 18:31
 Operator : VA/SY
 Sample : M4605-05
 Misc : 3.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B19-110821-0-1

Quant Time: Nov 11 06:31:00 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	344586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	618919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207142	56.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.920%	
35) Dibromofluoromethane	7.908	113	191550	53.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.332	98	801081	57.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.060%	
62) 4-Bromofluorobenzene	12.620	95	298691	59.059	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.120%	

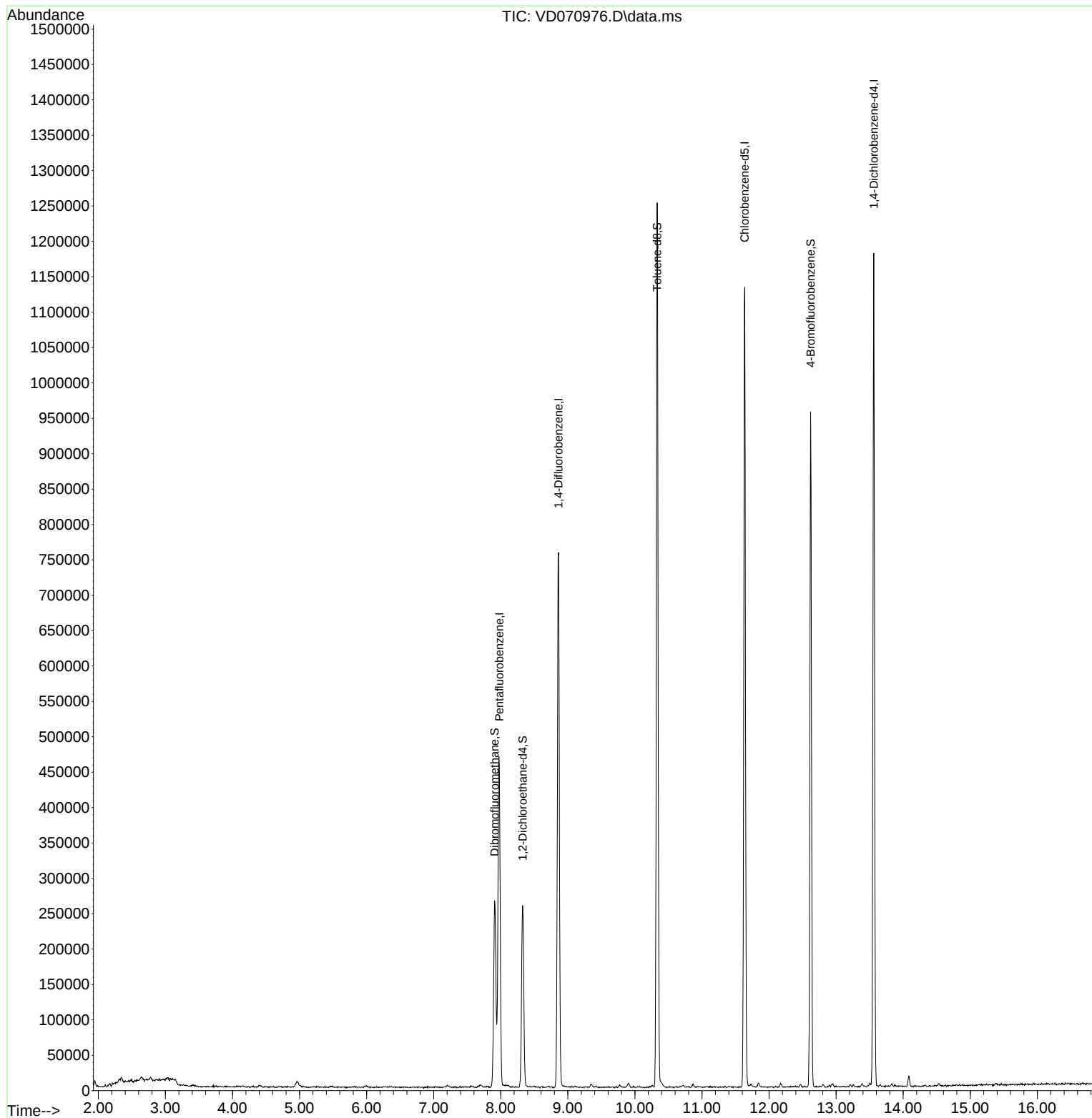
Target Compounds	Qvalue

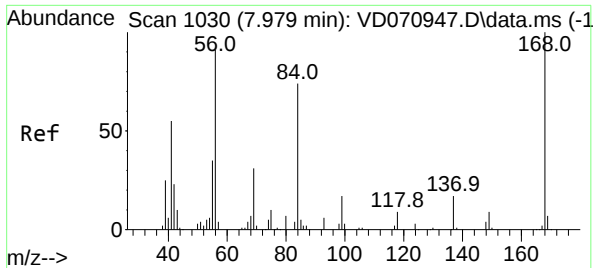
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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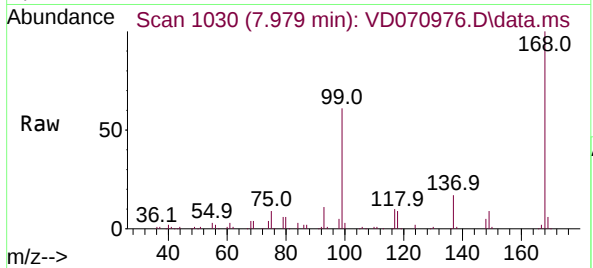
Quant Time: Nov 11 06:31:00 2021
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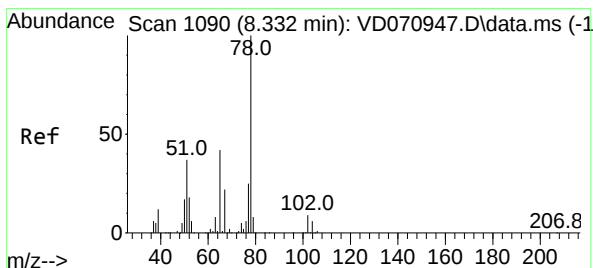
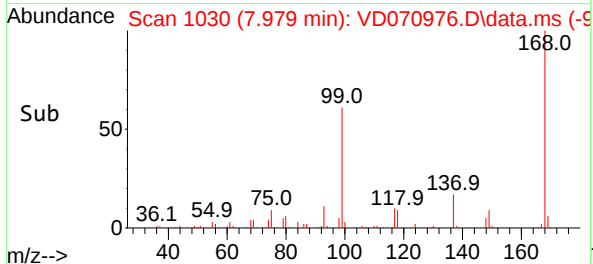
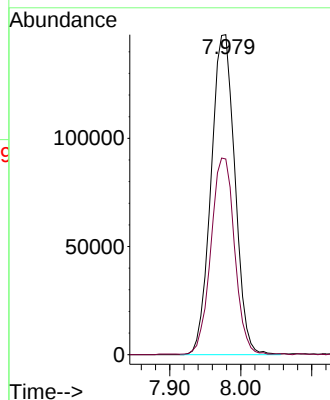


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070976.D
Acq: 10 Nov 2021 18:31

Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-0-1

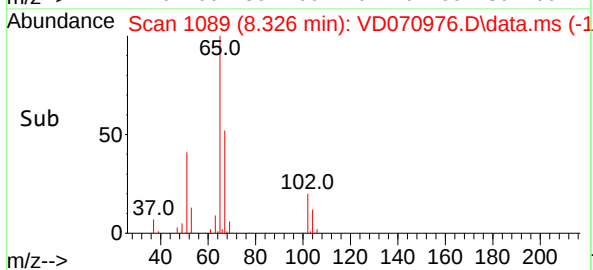
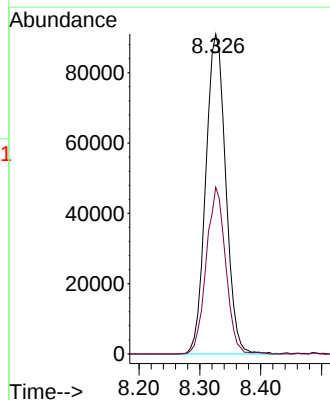
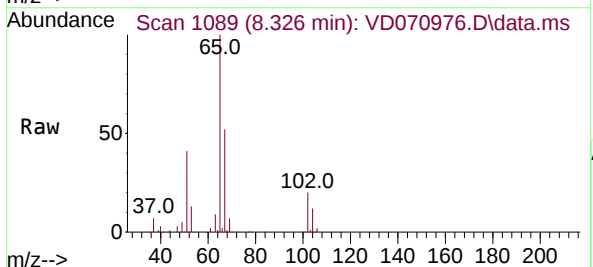


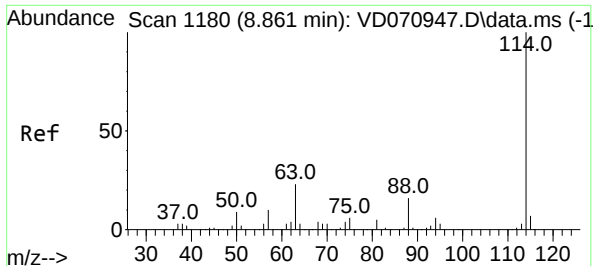
Tgt Ion:168 Resp: 344586
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.460 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070976.D
Acq: 10 Nov 2021 18:31

Tgt Ion: 65 Resp: 207142
Ion Ratio Lower Upper
65 100
67 50.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070976.D

Acq: 10 Nov 2021 18:31

Instrument :

MSVOA_D

ClientSampleId :

VWE-B19-110821-0-1

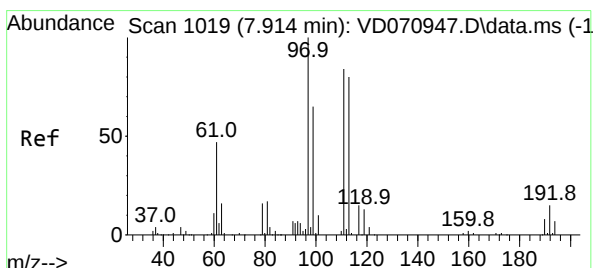
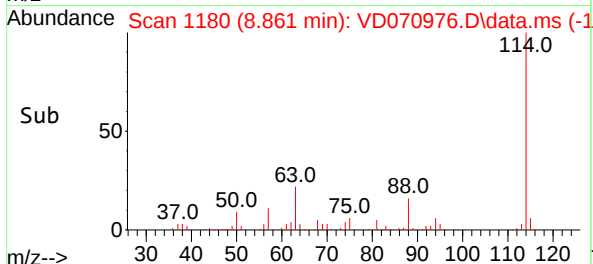
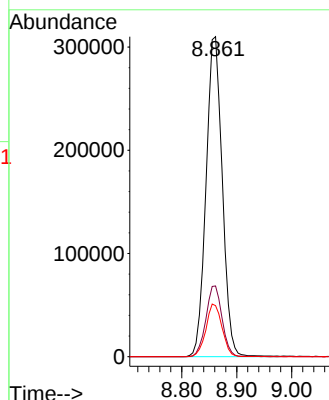
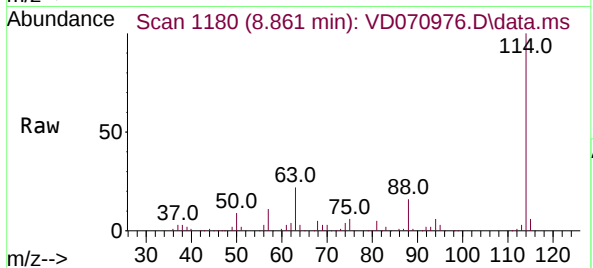
Tgt Ion:114 Resp: 635624

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.406 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070976.D

Acq: 10 Nov 2021 18:31

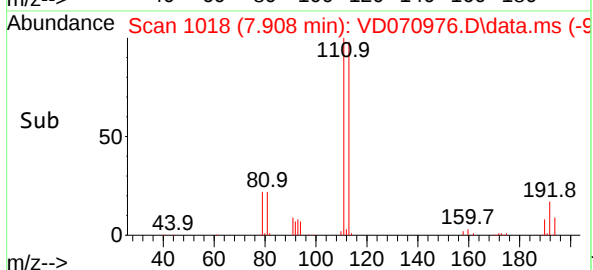
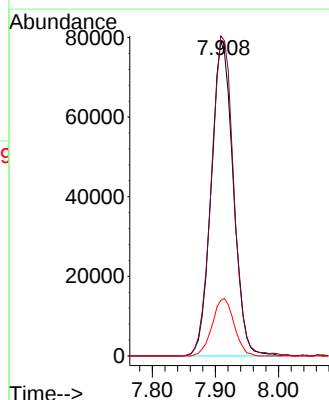
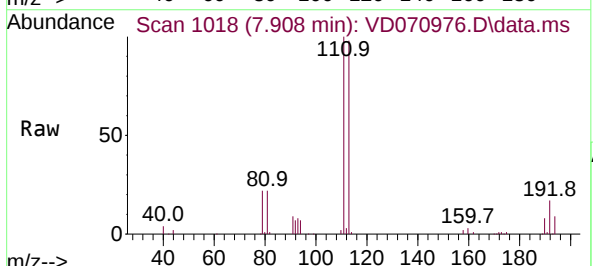
Tgt Ion:113 Resp: 191550

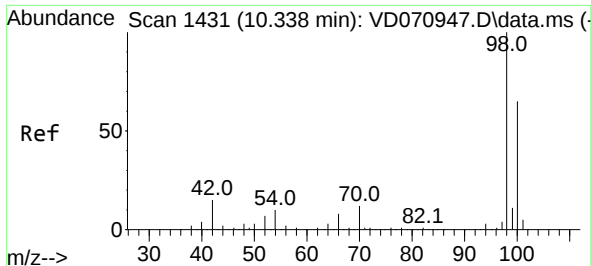
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 18.1 15.2 22.8

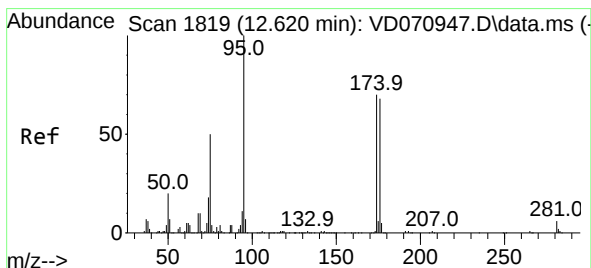
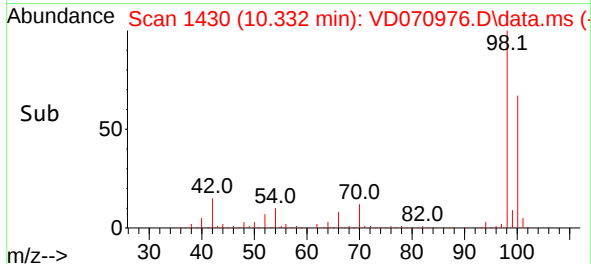
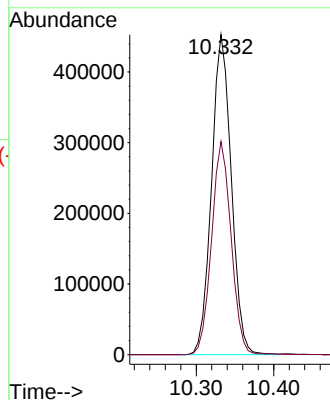
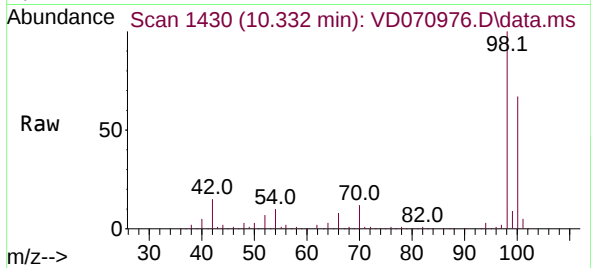




#50
Toluene-d8
Concen: 57.031 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070976.D
Acq: 10 Nov 2021 18:31

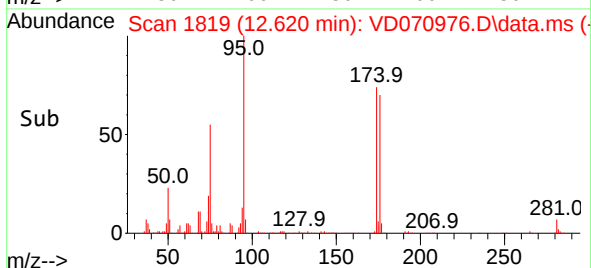
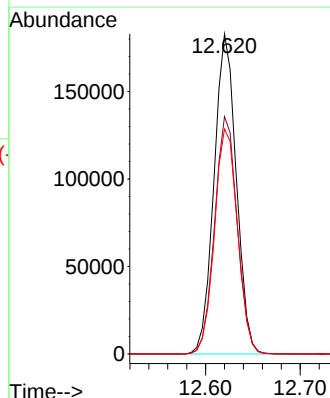
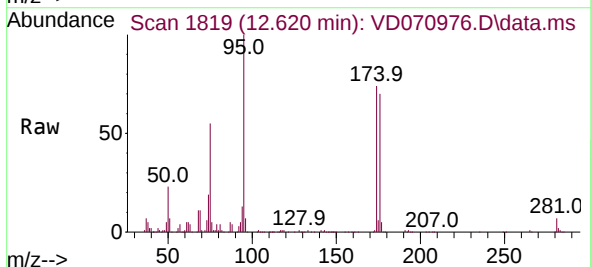
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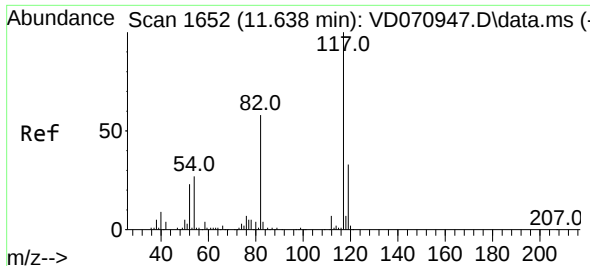
Tgt Ion: 98 Resp: 801081
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.059 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070976.D
Acq: 10 Nov 2021 18:31

Tgt Ion: 95 Resp: 298691
Ion Ratio Lower Upper
95 100
174 75.3 0.0 159.4
176 72.7 0.0 154.0

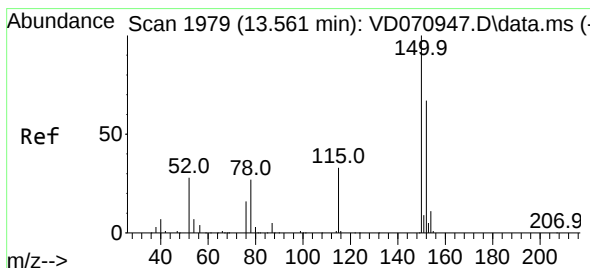
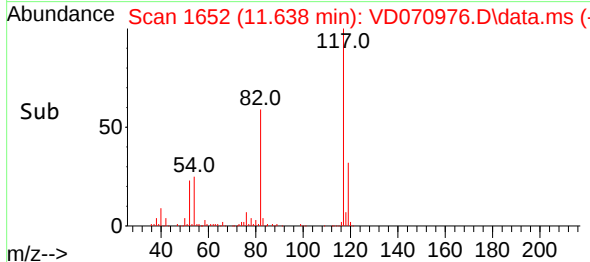
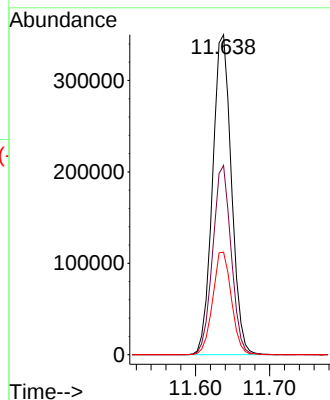
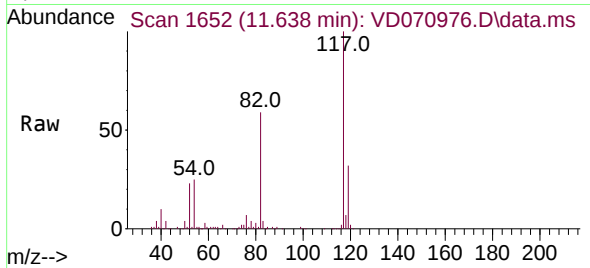




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070976.D
Acq: 10 Nov 2021 18:31

Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-0-1

Tgt Ion:	117	Resp:	618919
Ion Ratio	Lower	Upper	
117	100		
82	59.2	44.7	67.1
119	32.1	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: VD070976.D
Acq: 10 Nov 2021 18:31

Tgt Ion:	152	Resp:	289974
Ion Ratio	Lower	Upper	
152	100		
115	60.6	29.8	89.3
150	156.3	0.0	349.2

