

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071014.D
 Acq On : 12 Nov 2021 05:38
 Operator : VA/SY
 Sample : M4635-02
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B20-111021-0-1

Quant Time: Nov 12 08:17:53 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	7.973	168	336676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176360	49.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.914	113	168390	52.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.332	98	709895	56.732	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.460%
62) 4-Bromofluorobenzene	12.620	95	269564	59.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.660%

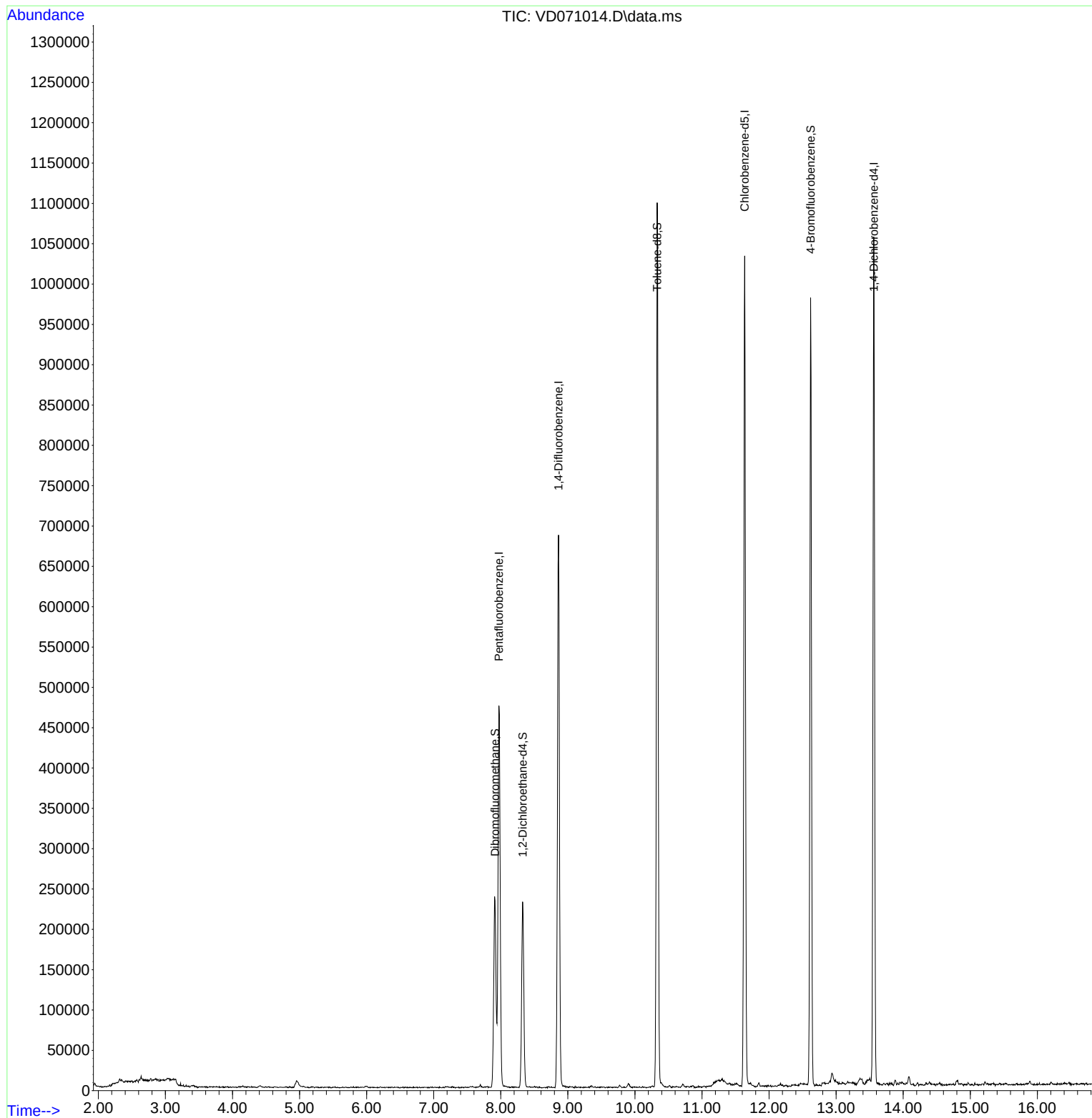
Target Compounds	Qvalue

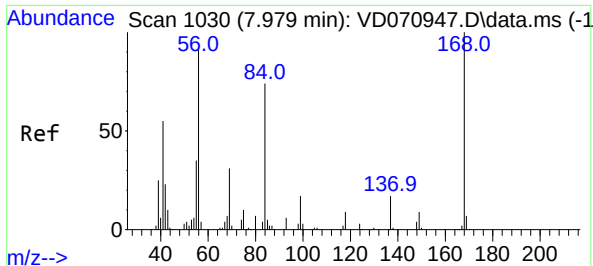
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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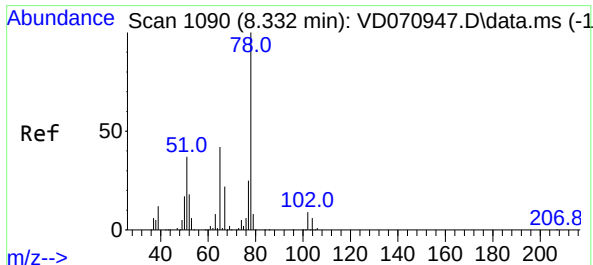
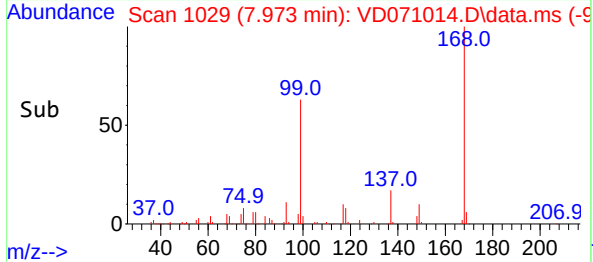
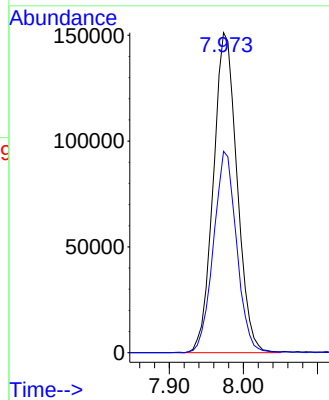
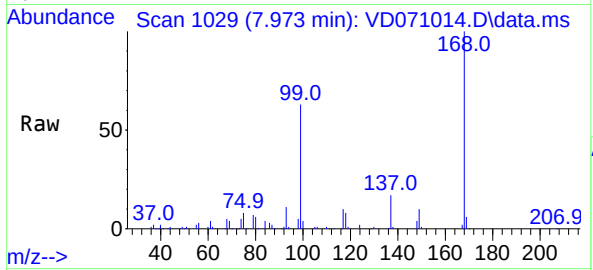




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071014.D
Acq: 12 Nov 2021 05:38

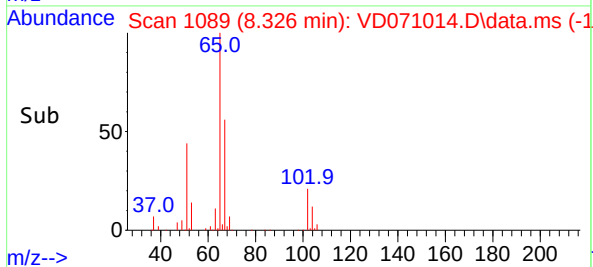
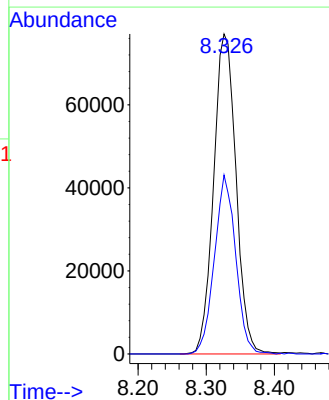
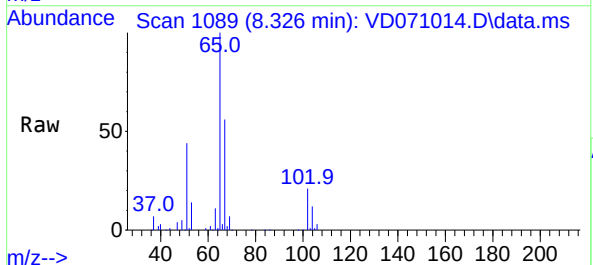
Instrument :
MSVOA_D
ClientSampleId :
VWE-B20-111021-0-1

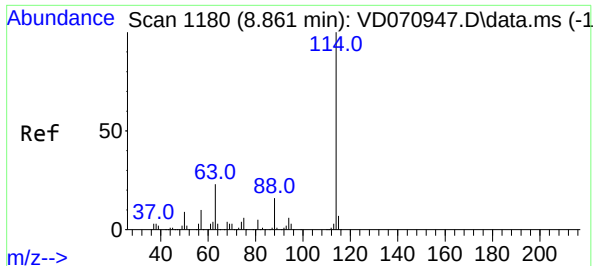
Tgt Ion:168 Resp: 336676
Ion Ratio Lower Upper
168 100
99 62.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 49.199 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071014.D
Acq: 12 Nov 2021 05:38

Tgt Ion: 65 Resp: 176360
Ion Ratio Lower Upper
65 100
67 53.0 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: VD071014.D

Acq: 12 Nov 2021 05:38

Instrument :

MSVOA_D

ClientSampleId :

VWE-B20-111021-0-1

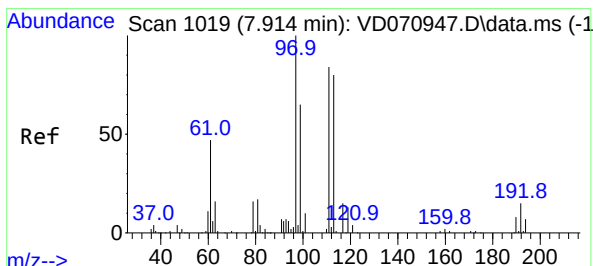
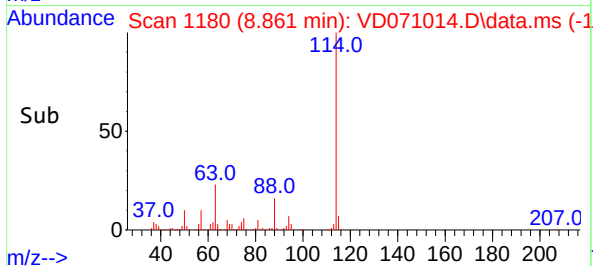
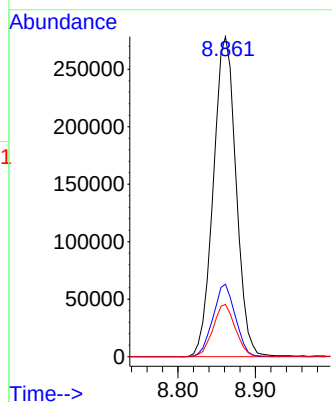
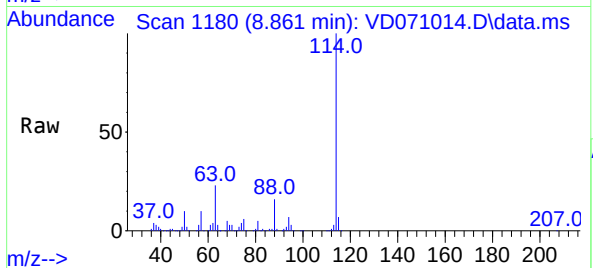
Tgt Ion:114 Resp: 566237

Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.701 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071014.D

Acq: 12 Nov 2021 05:38

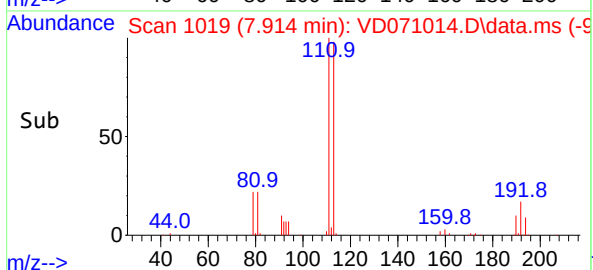
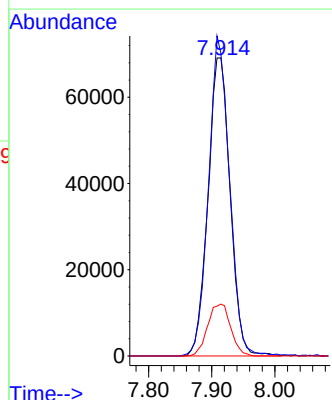
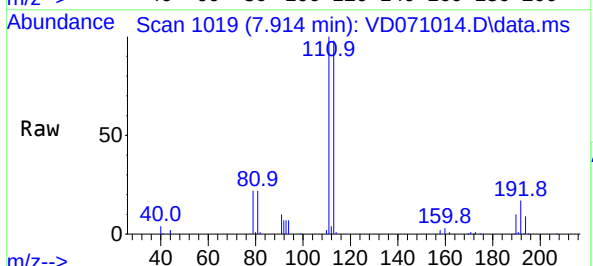
Tgt Ion:113 Resp: 168390

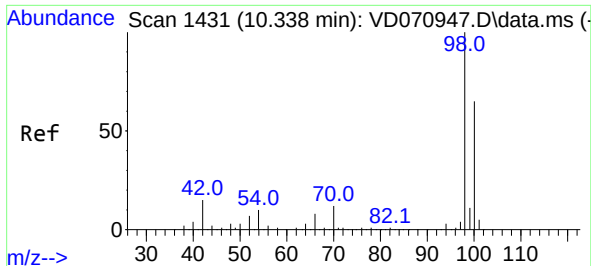
Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 18.1 15.2 22.8

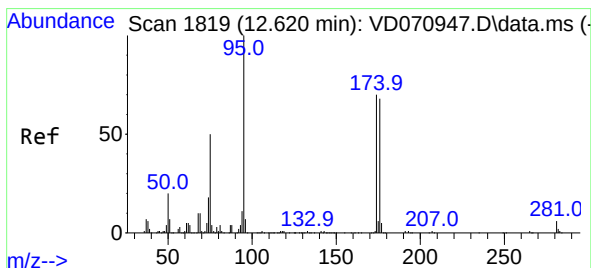
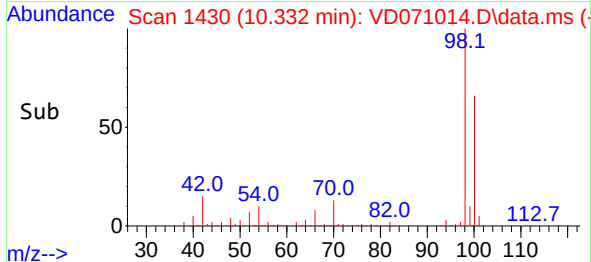
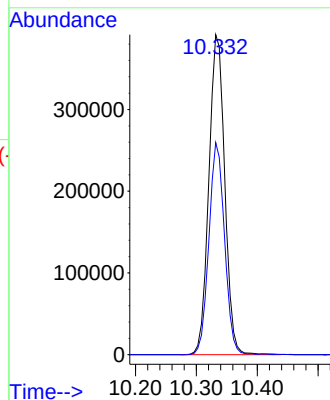
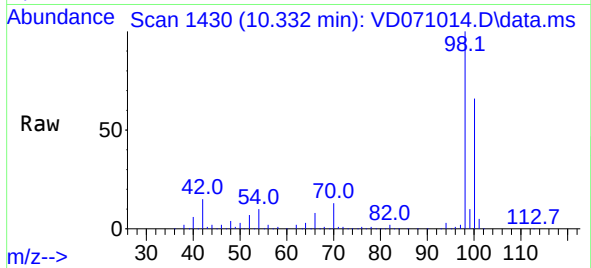




#50
Toluene-d8
Concen: 56.732 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071014.D
Acq: 12 Nov 2021 05:38

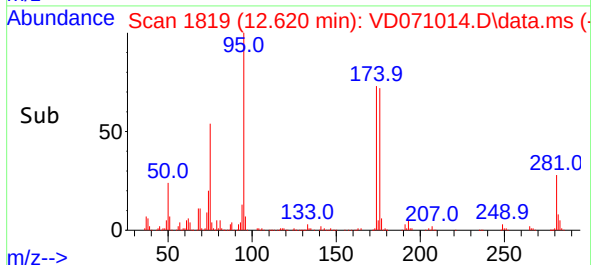
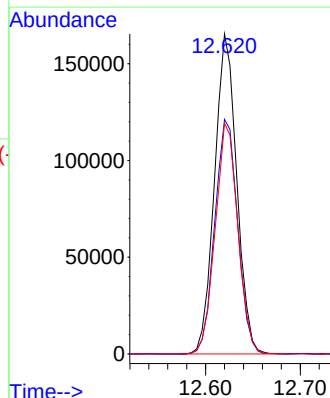
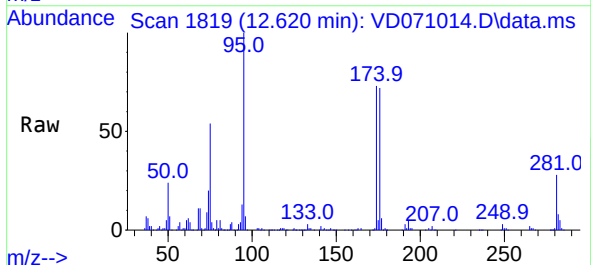
Instrument :
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VWE-B20-111021-0-1

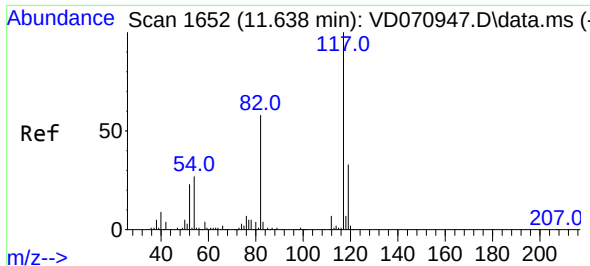
Tgt Ion: 98 Resp: 709895
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071014.D
Acq: 12 Nov 2021 05:38

Tgt Ion: 95 Resp: 269564
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.2 0.0 154.0

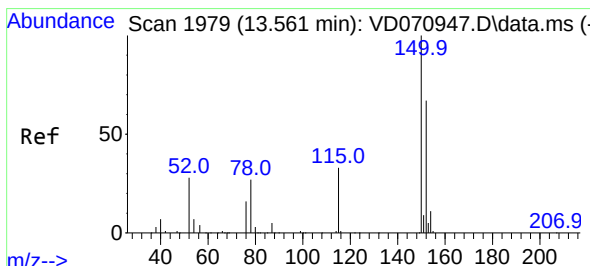
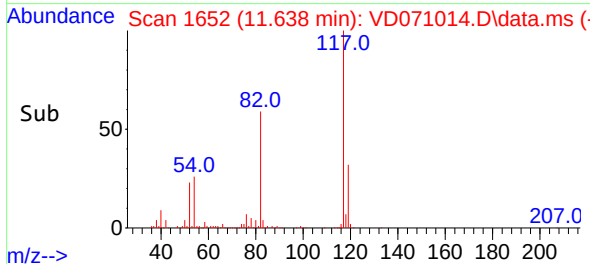
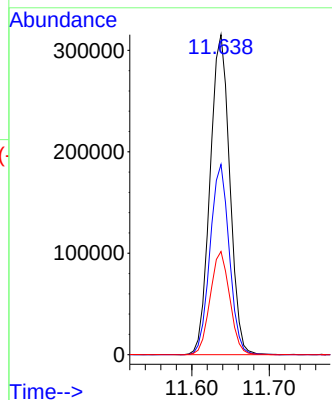
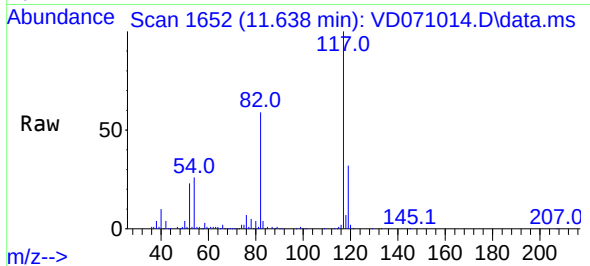




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071014.D
Acq: 12 Nov 2021 05:38

Instrument :
MSVOA_D
ClientSampleId :
VWE-B20-111021-0-1

Tgt Ion:	117	Resp:	555575
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.7	67.1
119	32.2	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: VD071014.D
Acq: 12 Nov 2021 05:38

Tgt Ion:	152	Resp:	259104
Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.8	89.3
150	158.5	0.0	349.2

