

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070997.D
 Acq On : 11 Nov 2021 17:52
 Operator : VA/SY
 Sample : M4583-05
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B7-110621-14-15

Quant Time: Nov 12 08:03:26 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)

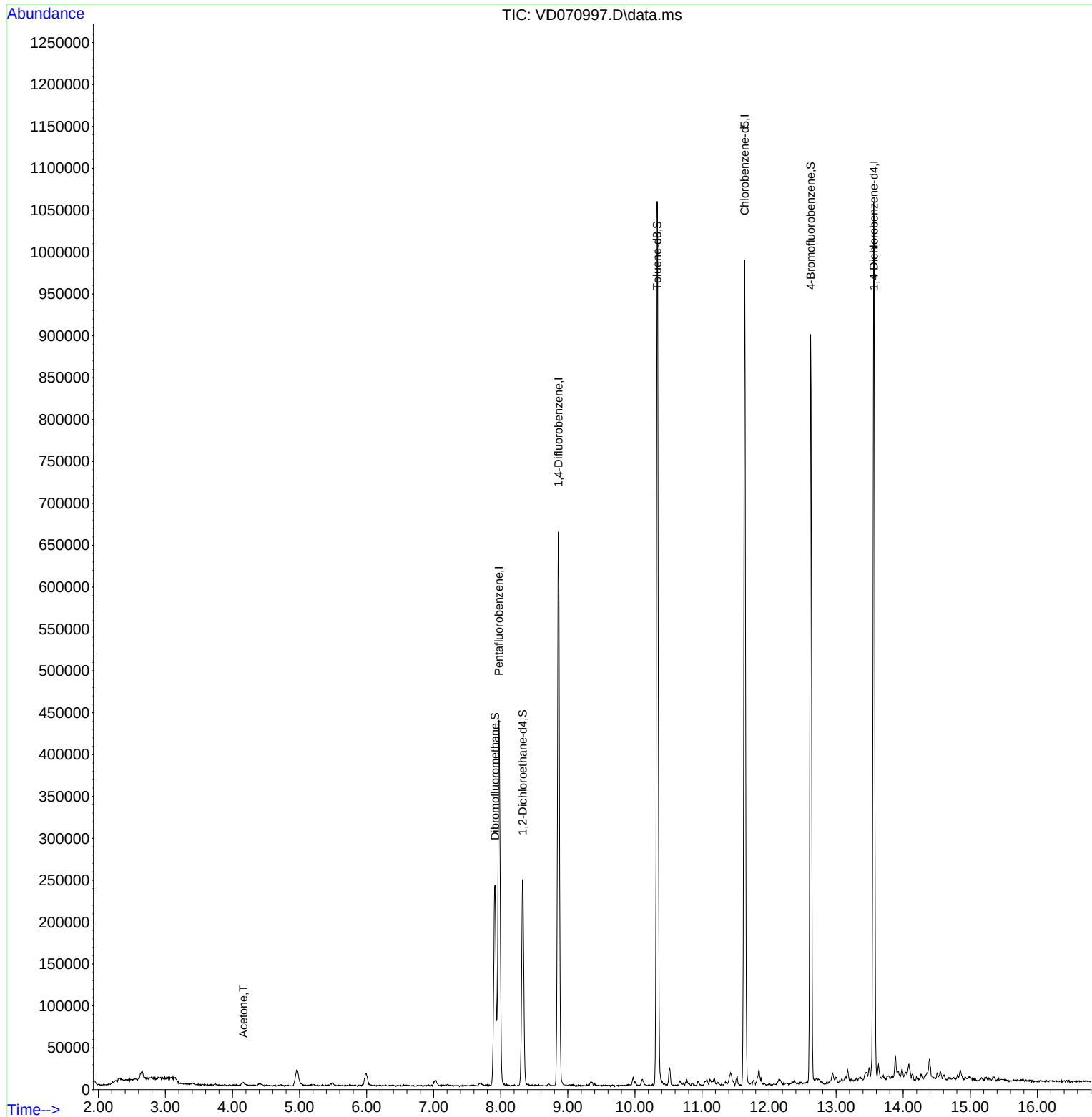
Internal Standards						
1) Pentafluorobenzene	7.973	168	316806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	548033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	550463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192092	56.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.900%
35) Dibromofluoromethane	7.914	113	171542	55.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.940%
50) Toluene-d8	10.332	98	701209	57.900	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.800%
62) 4-Bromofluorobenzene	12.620	95	275655	63.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.420%
Target Compounds						
16) Acetone	4.161	43	7162	27.036	ug/l	Qvalue 91

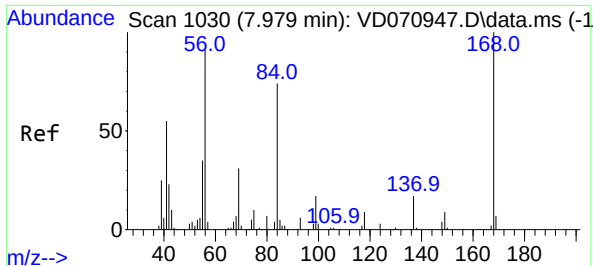
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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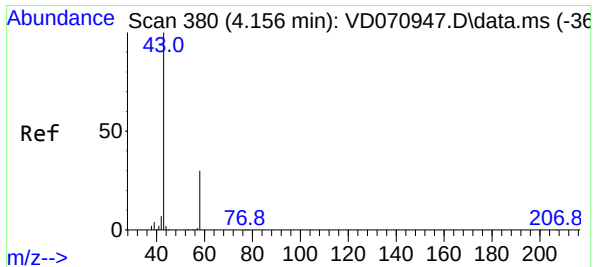
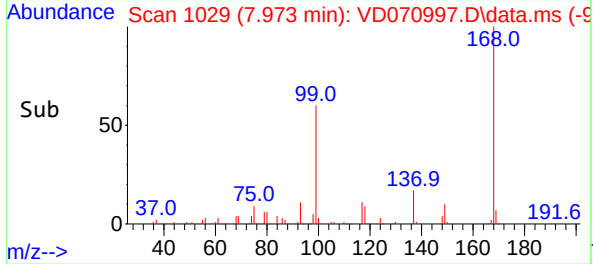
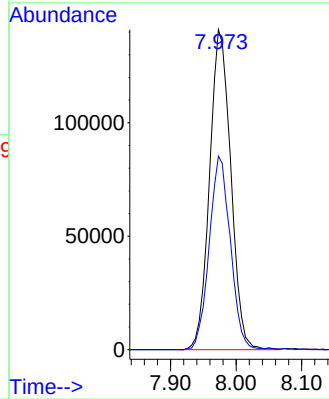
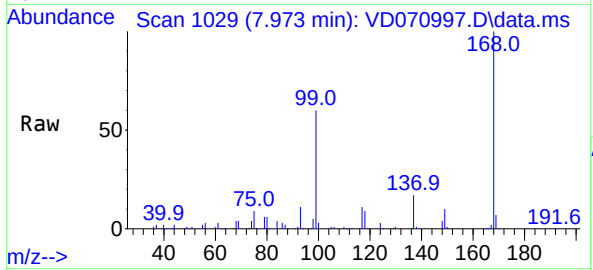




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070997.D
Acq: 11 Nov 2021 17:52

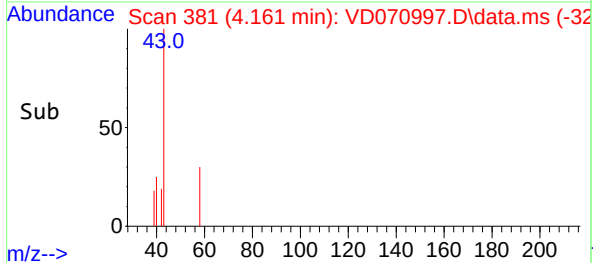
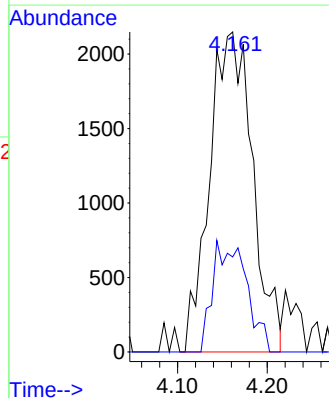
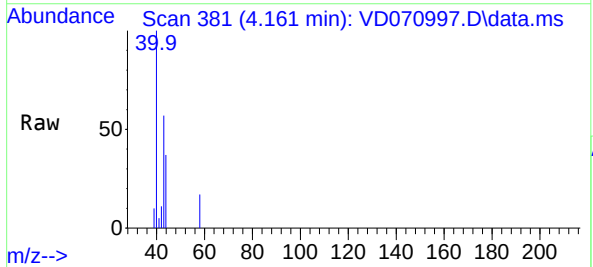
Instrument :
MSVOA_D
ClientSampleId :
VWE-B7-110621-14-15

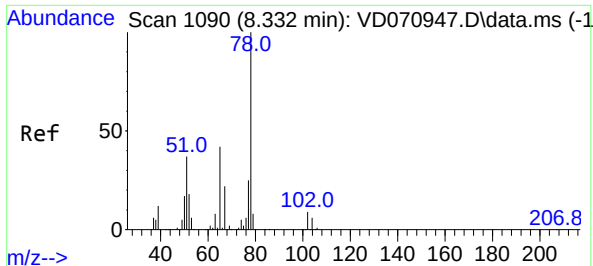
Tgt Ion:168 Resp: 316806
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#16
Acetone
Concen: 27.036 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD070997.D
Acq: 11 Nov 2021 17:52

Tgt Ion: 43 Resp: 7162
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 56.949 ug/l

RT: 8.326 min Scan# 11089

Delta R.T. -0.006 min

Lab File: VD070997.D

Acq: 11 Nov 2021 17:52

Instrument :

MSVOA_D

ClientSampleId :

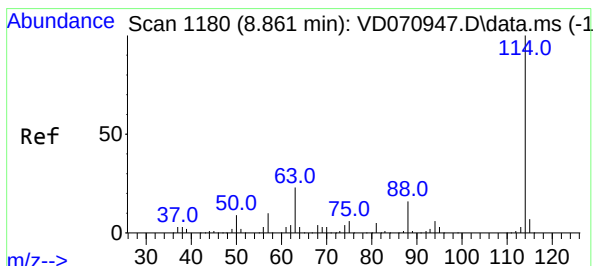
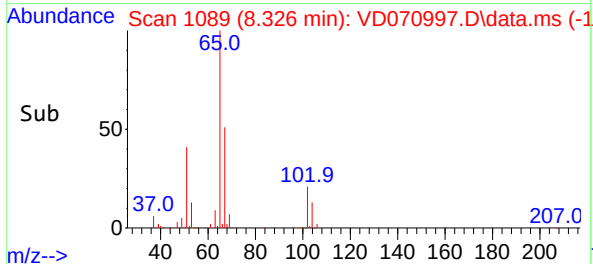
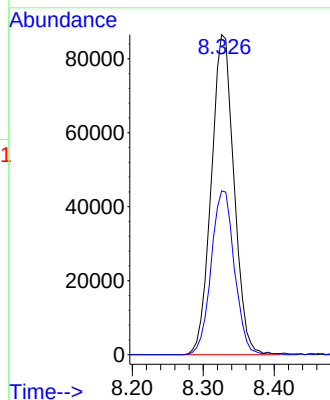
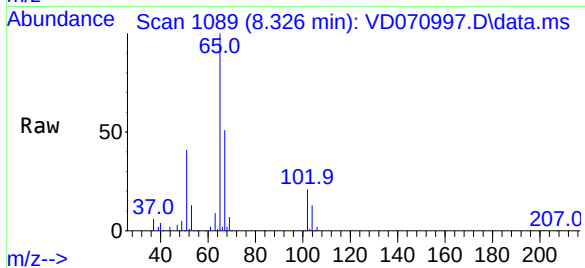
VWE-B7-110621-14-15

Tgt Ion: 65 Resp: 192092

Ion Ratio Lower Upper

65 100

67 52.2 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: VD070997.D

Acq: 11 Nov 2021 17:52

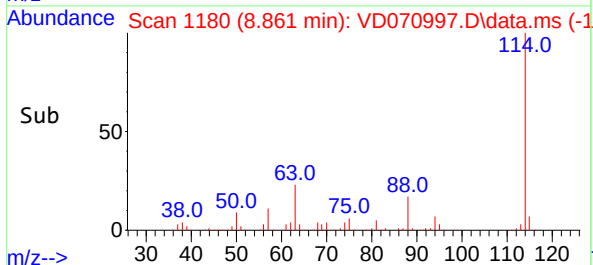
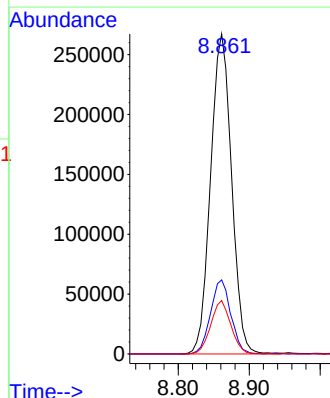
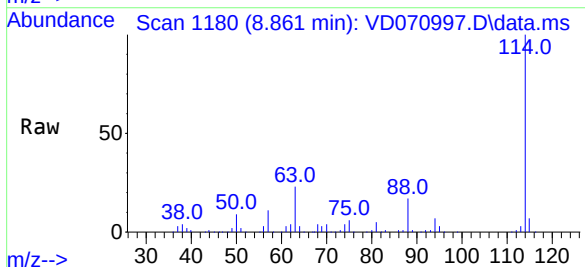
Tgt Ion: 114 Resp: 548033

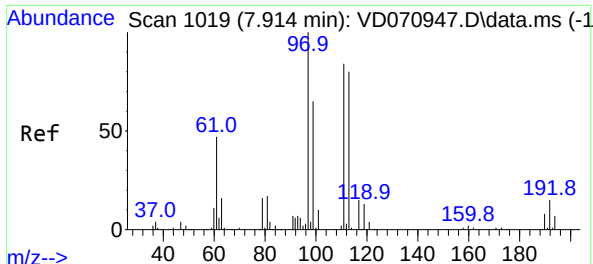
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.7 0.0 32.8

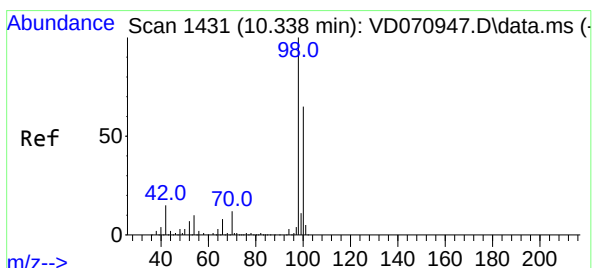
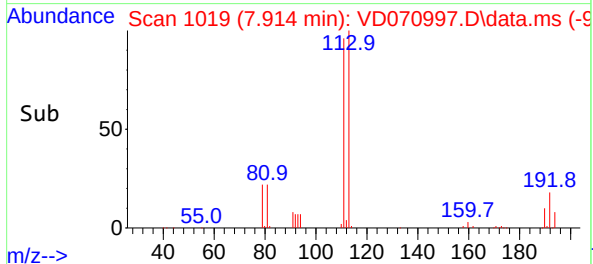
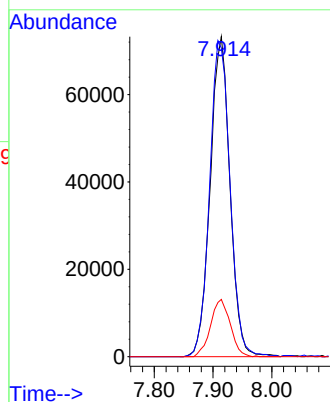
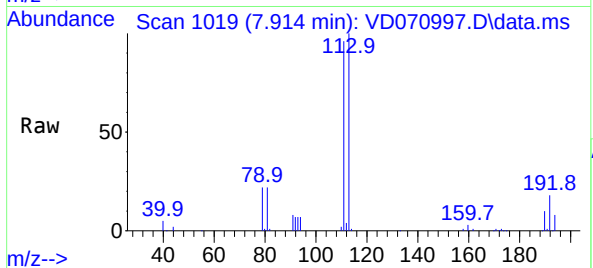




#35
Dibromofluoromethane
Concen: 55.471 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070997.D
Acq: 11 Nov 2021 17:52

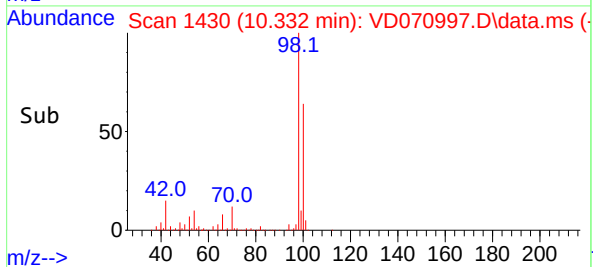
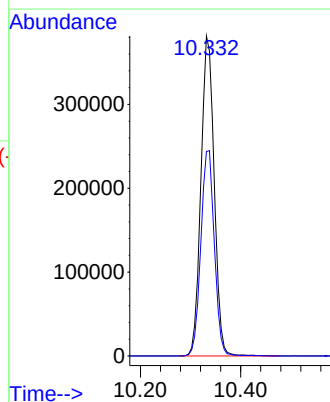
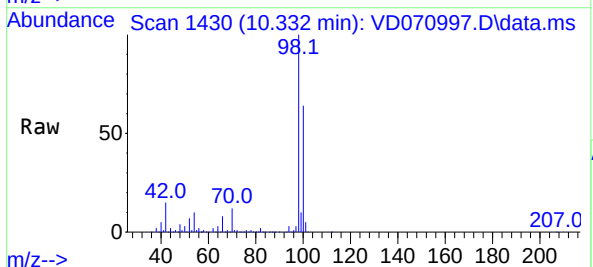
Instrument :
MSVOA_D
ClientSampleId :
VWE-B7-110621-14-15

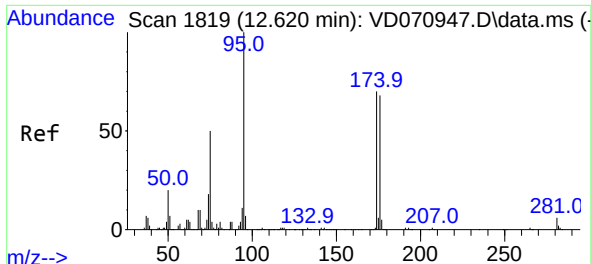
Tgt Ion:113 Resp: 171542
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 17.9 15.2 22.8



#50
Toluene-d8
Concen: 57.900 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070997.D
Acq: 11 Nov 2021 17:52

Tgt Ion: 98 Resp: 701209
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

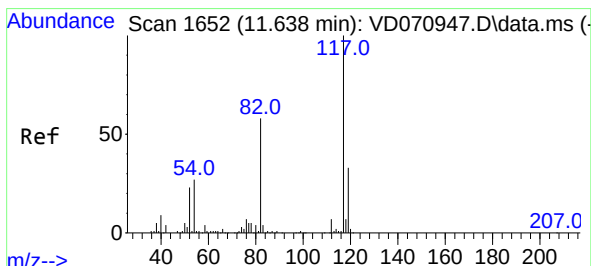
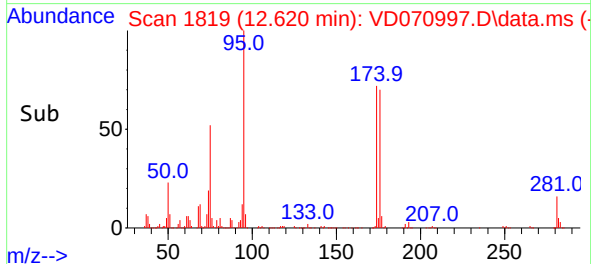
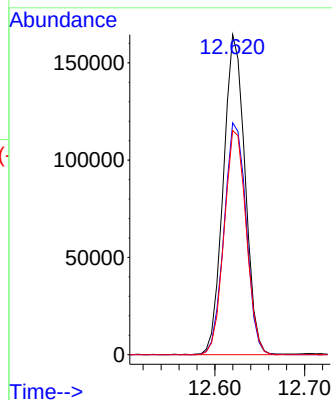
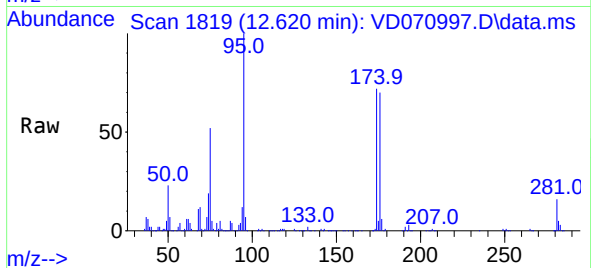




#62
4-Bromofluorobenzene
Concen: 63.215 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070997.D
Acq: 11 Nov 2021 17:52

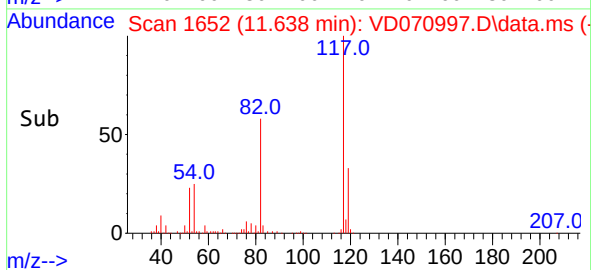
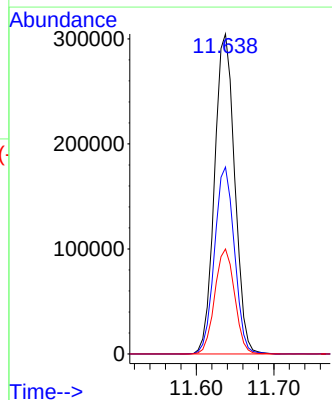
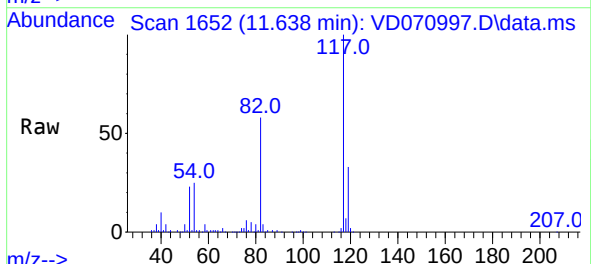
Instrument :
MSVOA_D
ClientSampleId :
VWE-B7-110621-14-15

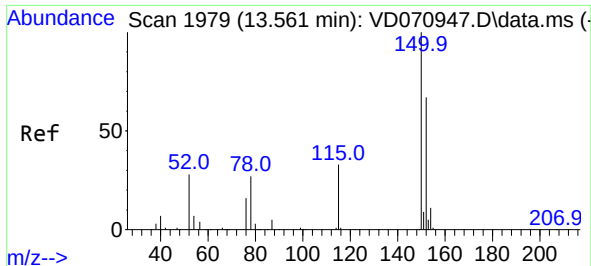
Tgt Ion: 95 Resp: 275655
Ion Ratio Lower Upper
95 100
174 73.9 0.0 159.4
176 71.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070997.D
Acq: 11 Nov 2021 17:52

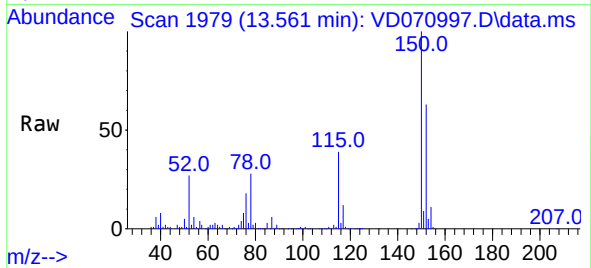
Tgt Ion: 117 Resp: 550463
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.8 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070997.D
 Acq: 11 Nov 2021 17:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B7-110621-14-15



Tgt Ion:152 Resp: 260190

Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.8	89.3
150	158.5	0.0	349.2

