

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069641.D
 Acq On : 08 Jul 2021 20:50
 Operator : VA/SY
 Sample : M2965-01
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-ETGI-345

Quant Time: Jul 09 01:06:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

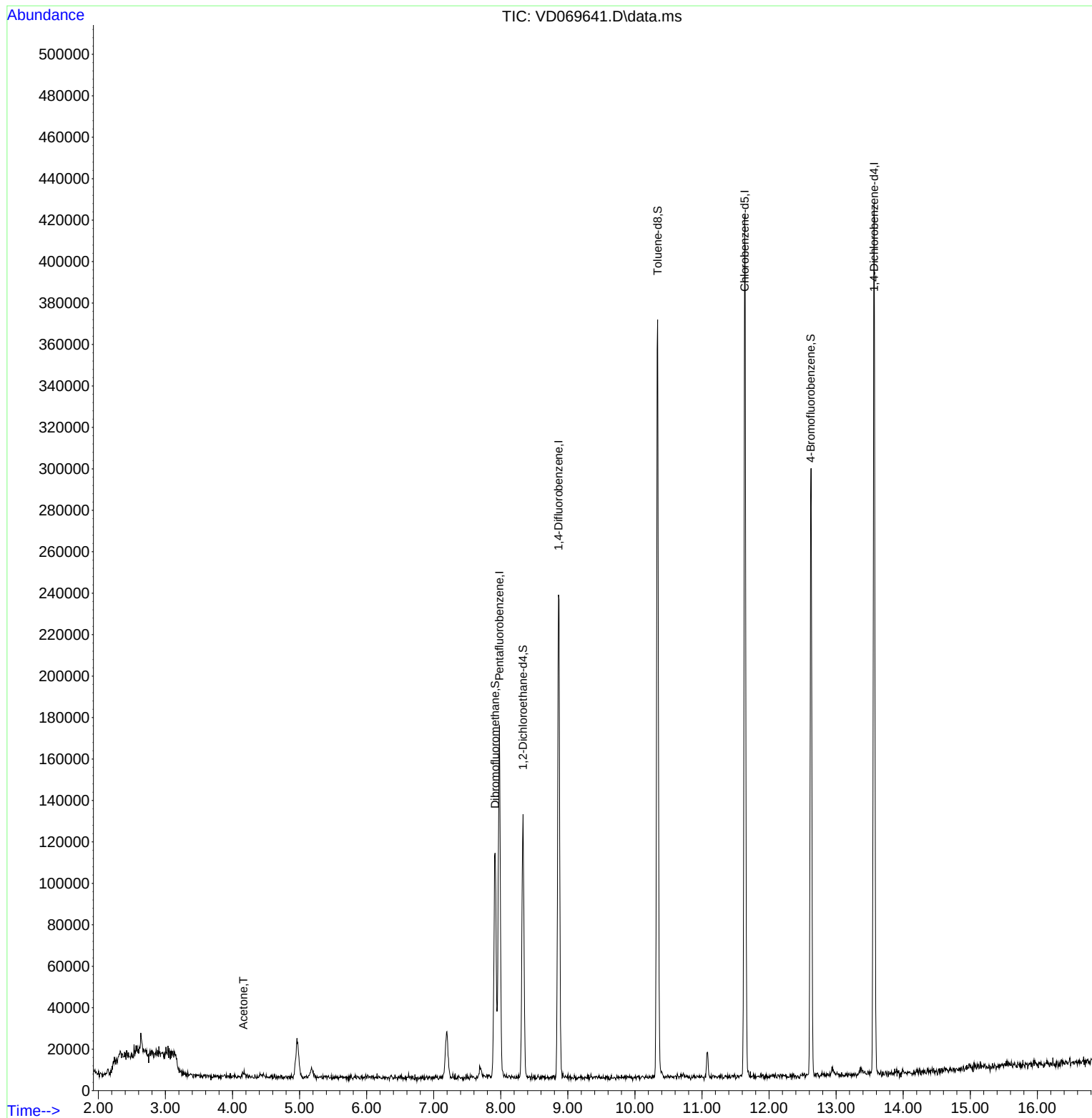
Internal Standards						
1) Pentafluorobenzene	7.979	168	114846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	198269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	238338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	113678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	98102	68.529	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	137.060%	
35) Dibromofluoromethane	7.914	113	80689	60.204	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	120.400%	
50) Toluene-d8	10.338	98	255458	50.815	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	101.620%	
62) 4-Bromofluorobenzene	12.620	95	102294	61.894	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	123.780%	
Target Compounds						
16) Acetone	4.161	43	3882	16.111	ug/l	Qvalue 92

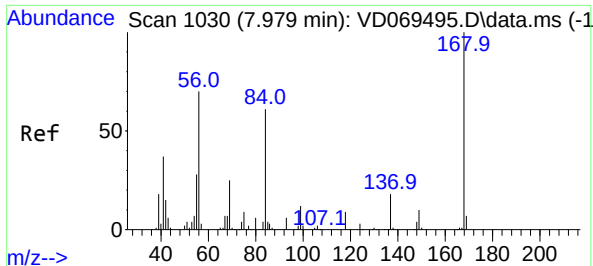
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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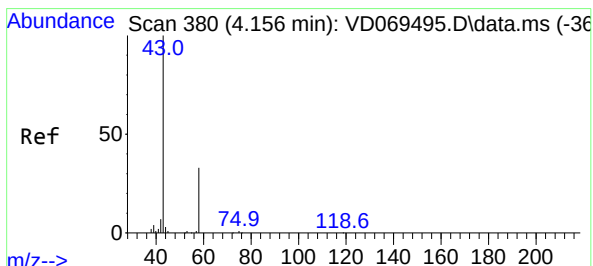
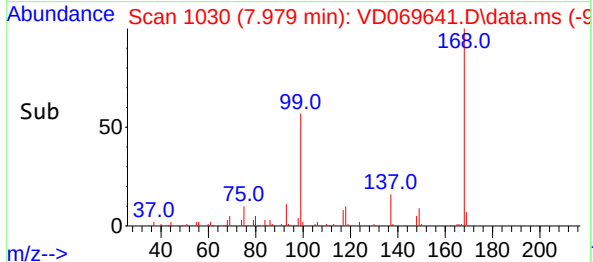
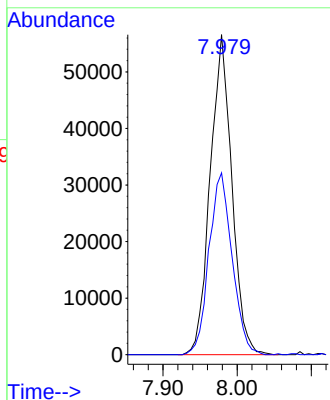
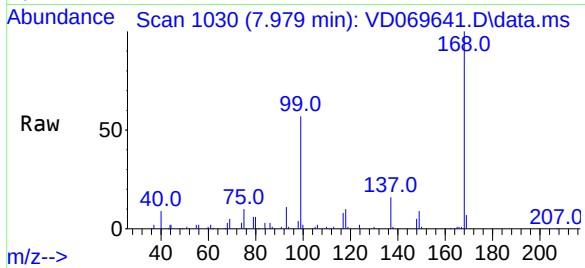




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

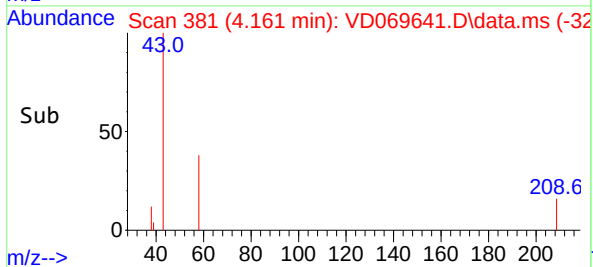
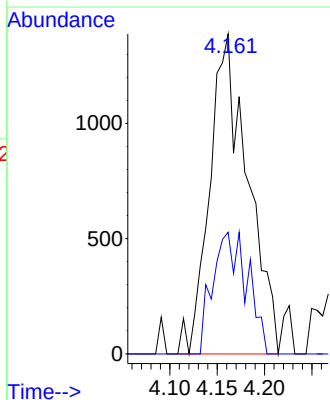
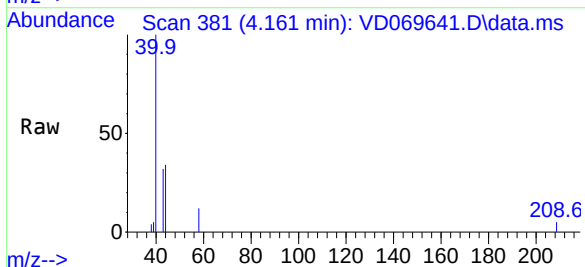
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

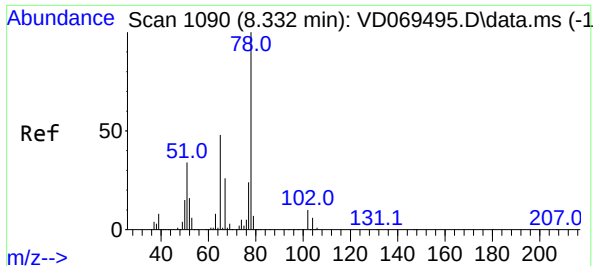
Tgt Ion:168 Resp: 114846
Ion Ratio Lower Upper
168 100
99 56.8 49.3 73.9



#16
Acetone
Concen: 16.111 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

Tgt Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
58 38.0 26.8 40.2

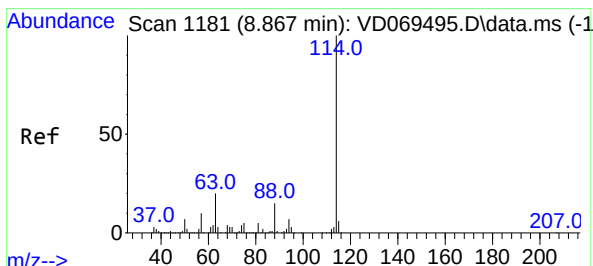
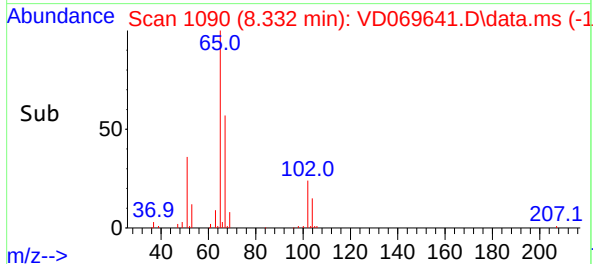
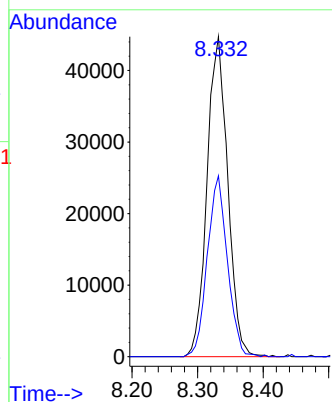
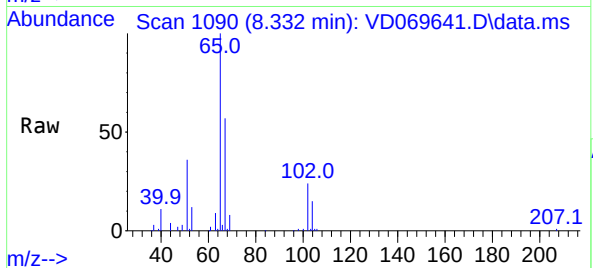




#33
1,2-Dichloroethane-d4
Concen: 68.529 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

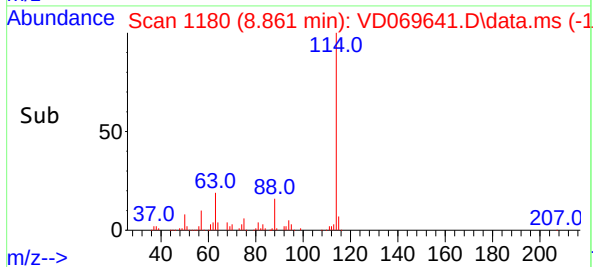
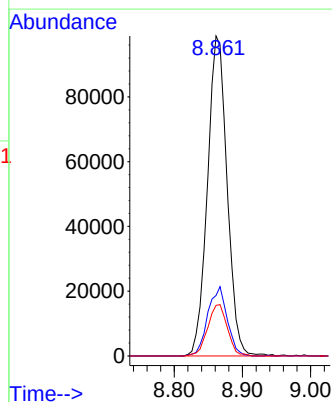
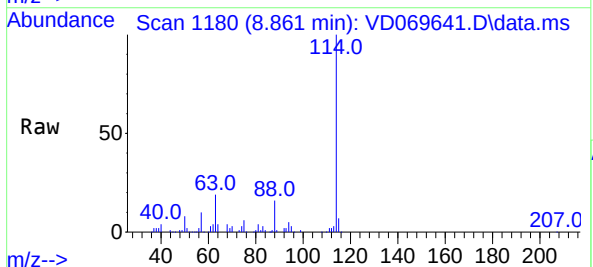
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

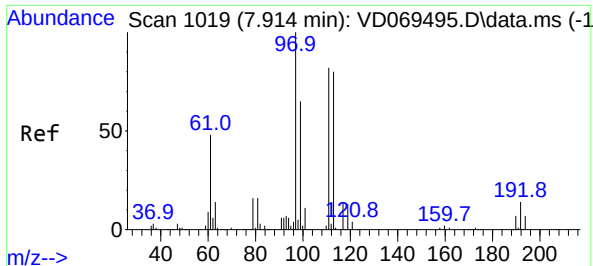
Tgt Ion: 65 Resp: 98102
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

Tgt Ion: 114 Resp: 198269
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 15.8 0.0 29.8



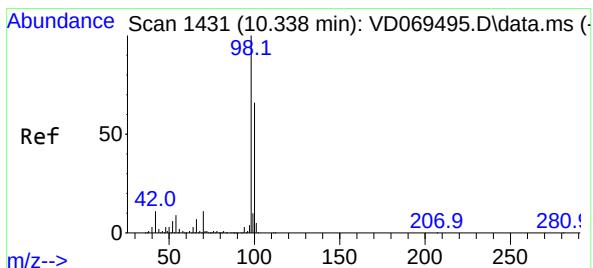
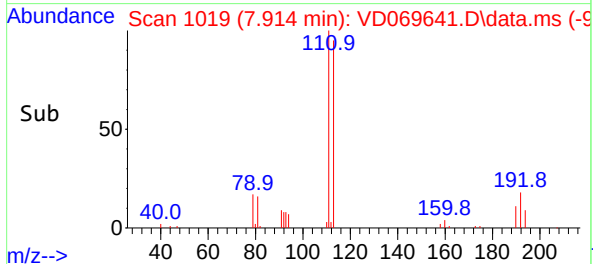
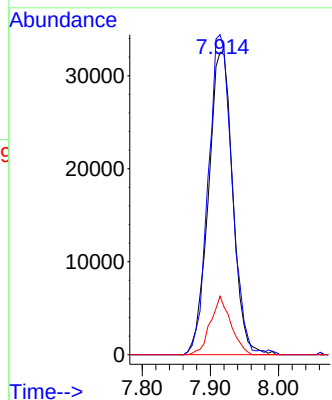
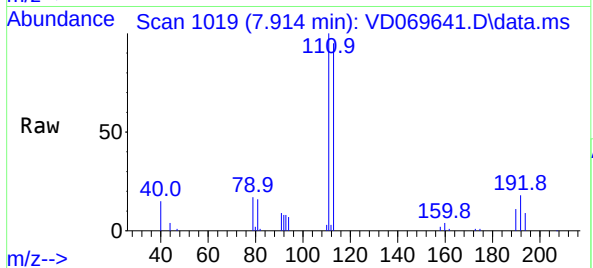


#35

Dibromofluoromethane
Concen: 60.204 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

Instrument :
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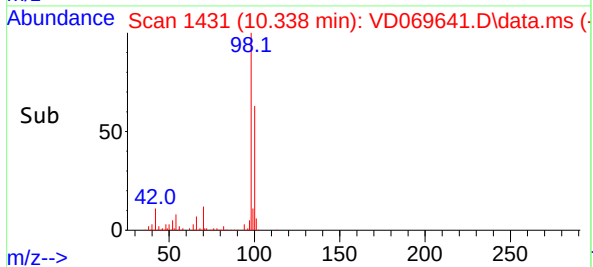
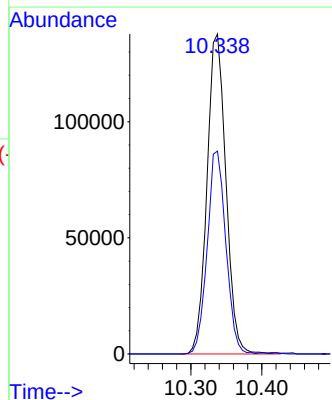
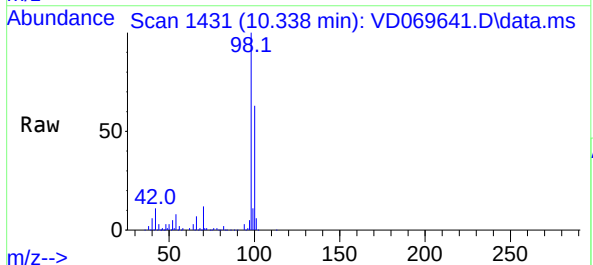
Tgt Ion:113 Resp: 80689
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 16.2 13.8 20.6

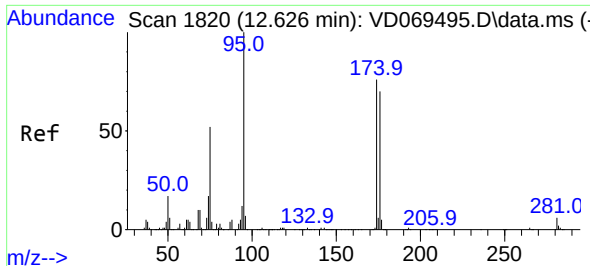


#50

Toluene-d8
Concen: 50.815 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

Tgt Ion: 98 Resp: 255458
Ion Ratio Lower Upper
98 100
100 62.5 52.3 78.5

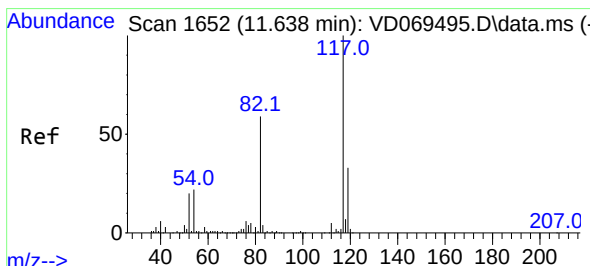
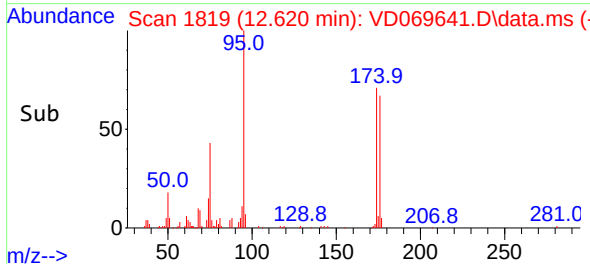
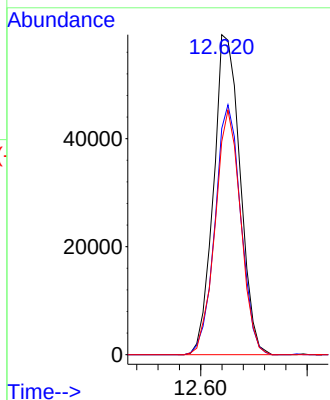
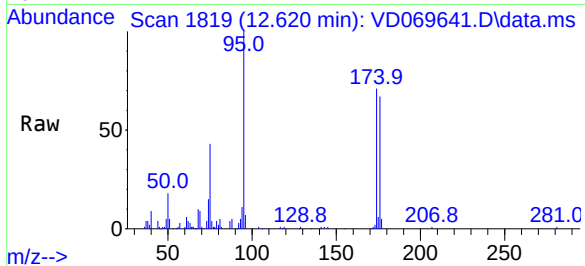




#62
4-Bromofluorobenzene
Concen: 61.894 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

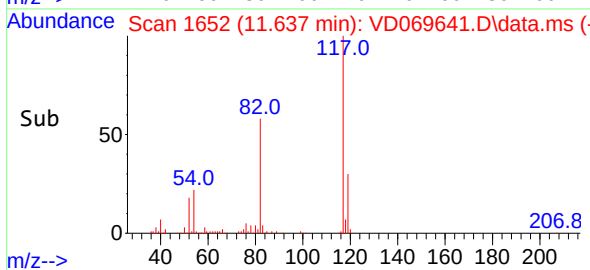
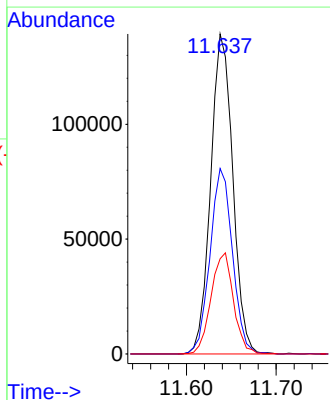
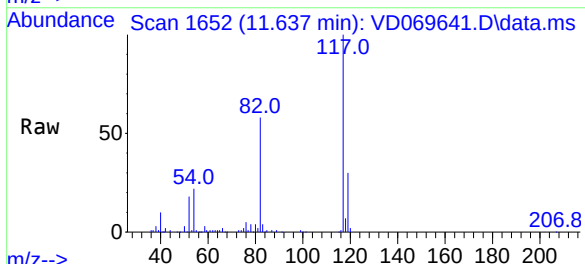
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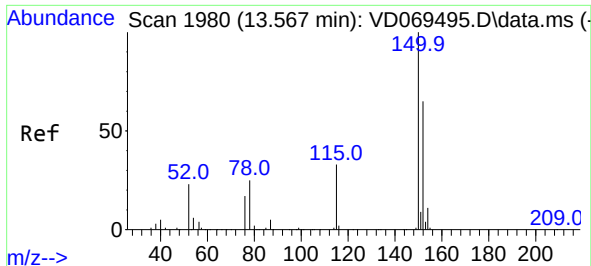
Tgt Ion: 95 Resp: 102294
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.0
176 73.4 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

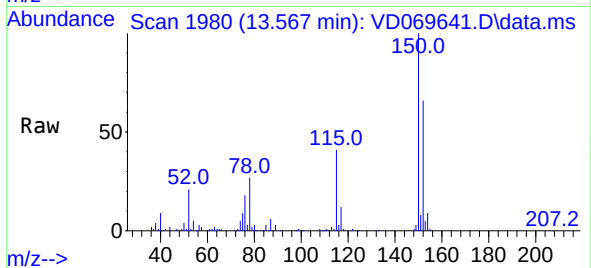
Tgt Ion:117 Resp: 238338
Ion Ratio Lower Upper
117 100
82 58.0 46.8 70.2
119 29.8 26.2 39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069641.D
Acq: 08 Jul 2021 20:50

Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345



Tgt Ion:152 Resp: 113678
Ion Ratio Lower Upper
152 100
115 61.4 31.7 95.1
150 153.9 0.0 350.8

