

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070666.D
 Acq On : 11 Oct 2021 18:03
 Operator : VA/SY
 Sample : M4142-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-330

Quant Time: Oct 12 05:42:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	345868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	682260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	622864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214010	52.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.16%	
35) Dibromofluoromethane	7.914	113	227804	50.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.44%	
50) Toluene-d8	10.332	98	868478	50.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.16%	
62) 4-Bromofluorobenzene	12.620	95	261414	45.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.20%	

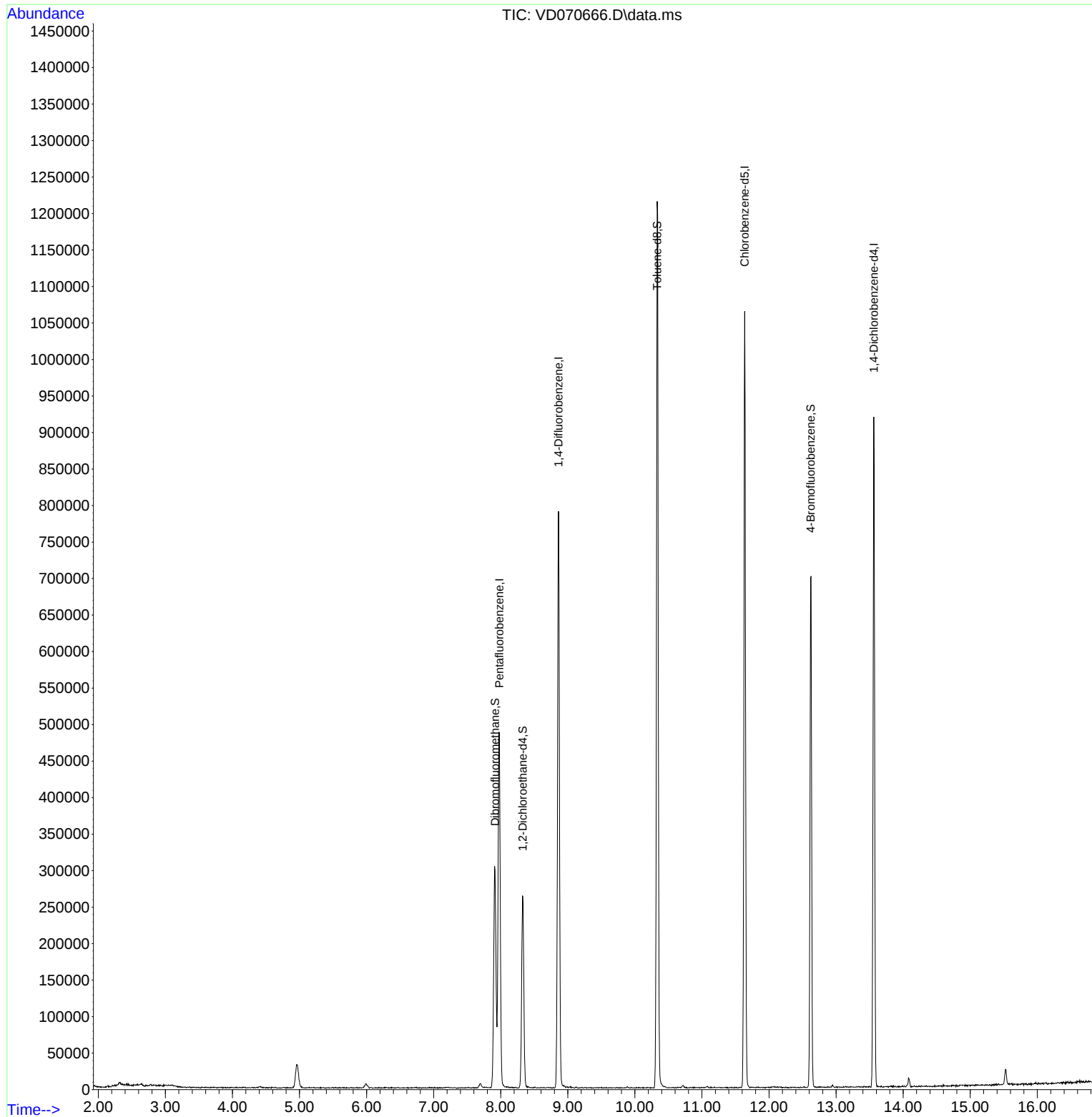
Target Compounds	Qvalue

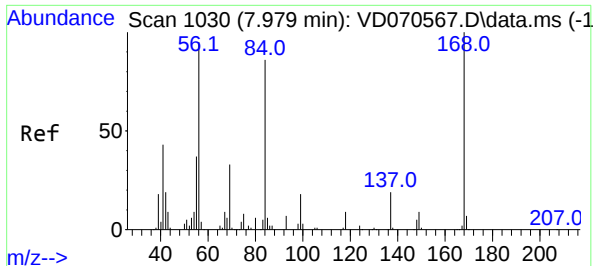
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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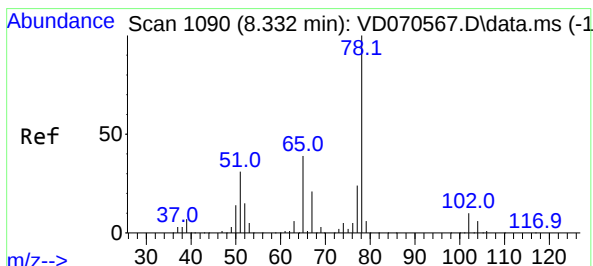
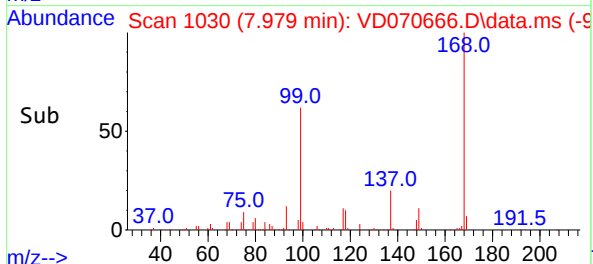
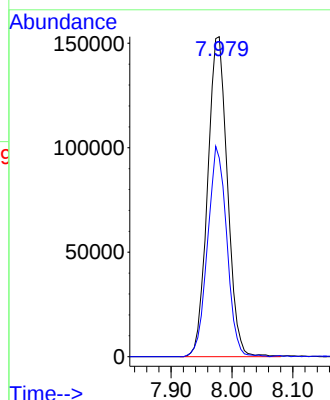
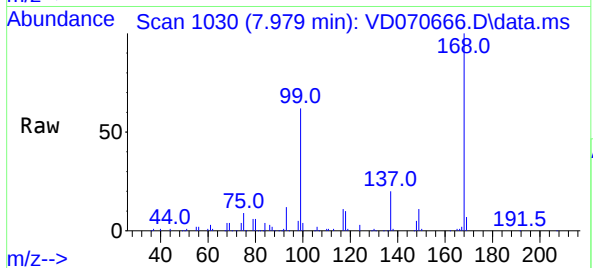




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070666.D
 Acq: 11 Oct 2021 18:03

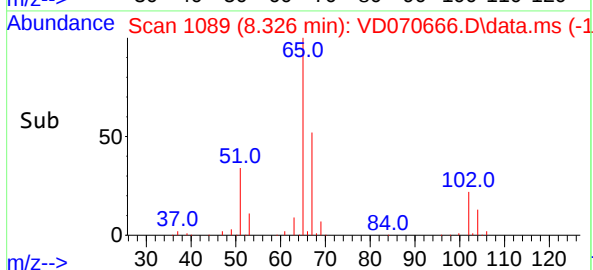
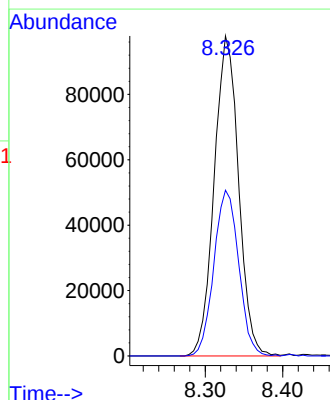
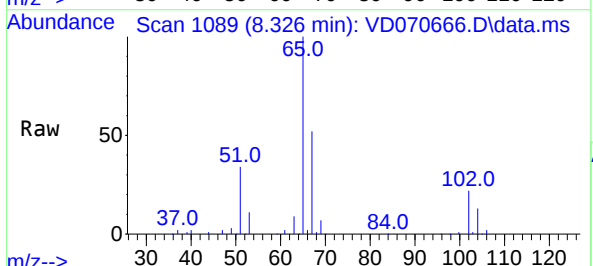
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-330

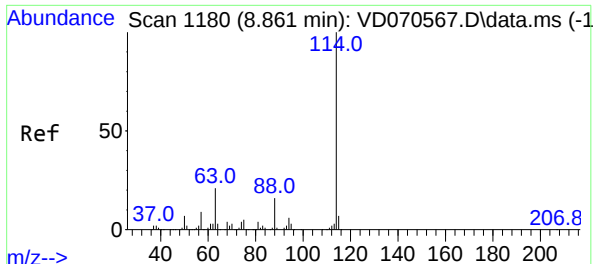
Tgt Ion:168 Resp: 345868
 Ion Ratio Lower Upper
 168 100
 99 62.1 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 52.58 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD070666.D
 Acq: 11 Oct 2021 18:03

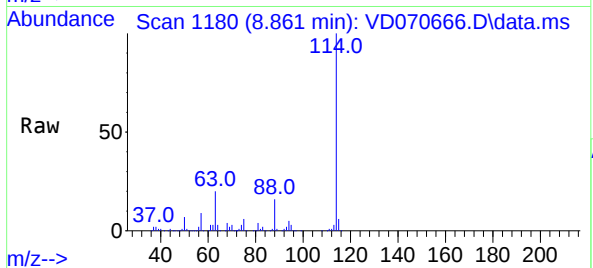
Tgt Ion: 65 Resp: 214010
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 110.2



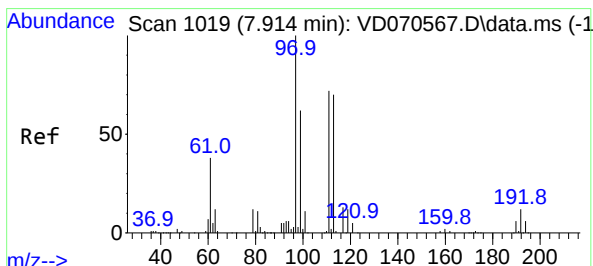
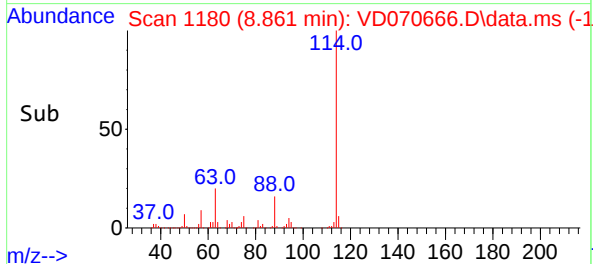
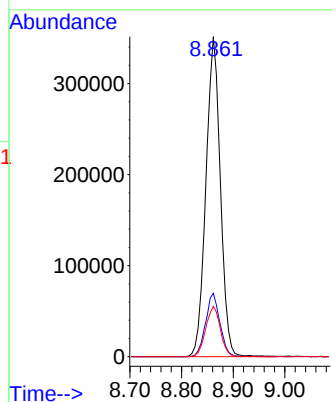


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

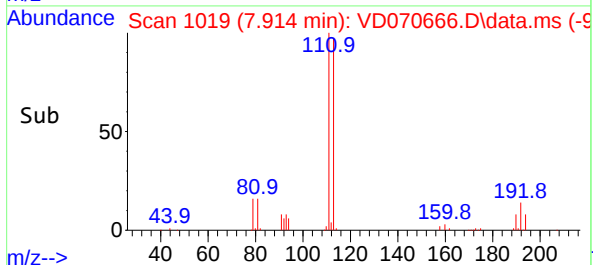
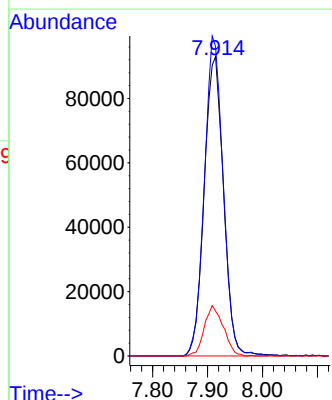
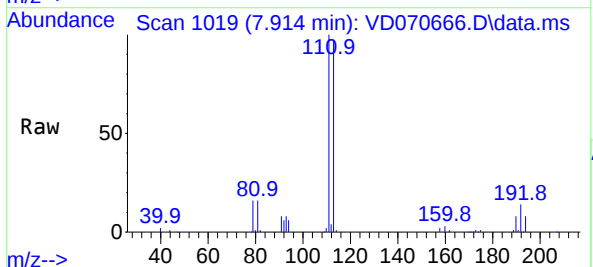


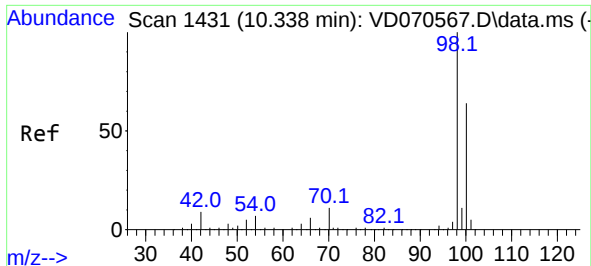
Tgt Ion:114 Resp: 682260
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.8
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion:113 Resp: 227804
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.5 12.7 19.1

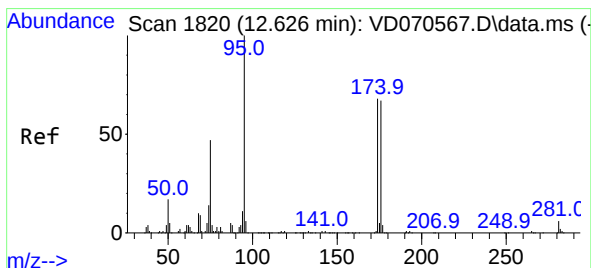
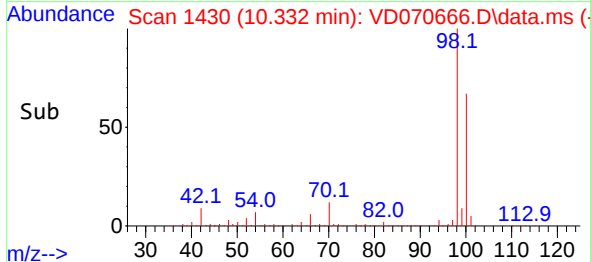
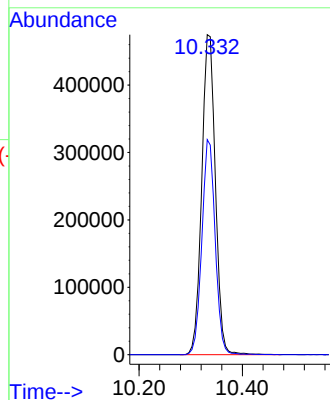
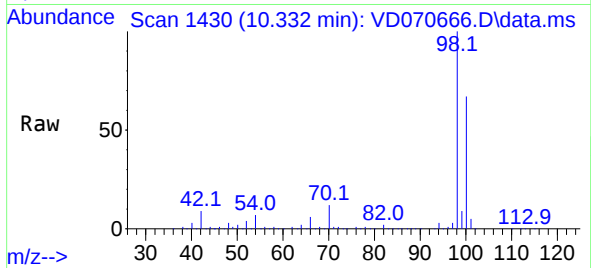




#50
Toluene-d8
Concen: 50.08 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

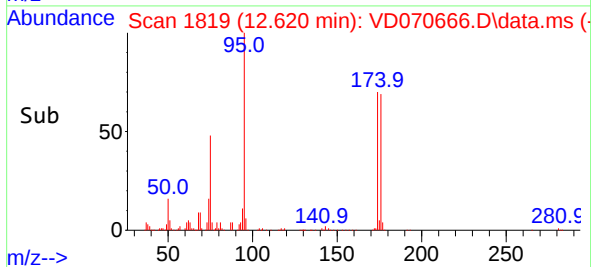
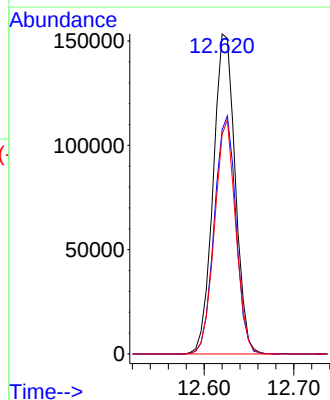
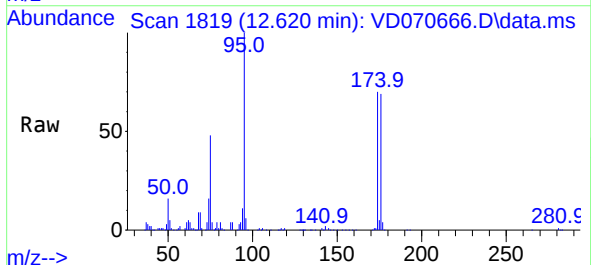
Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

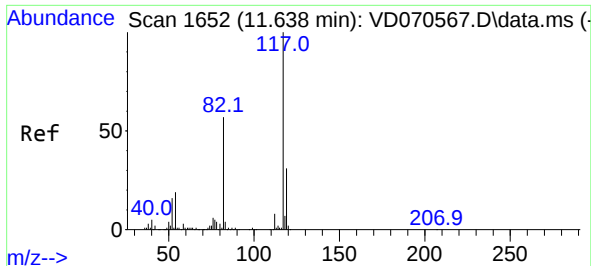
Tgt Ion: 98 Resp: 868478
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.10 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion: 95 Resp: 261414
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.0
176 70.2 0.0 135.6

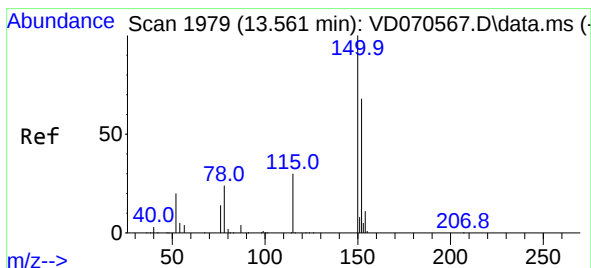
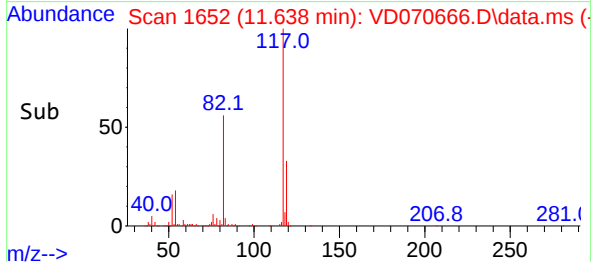
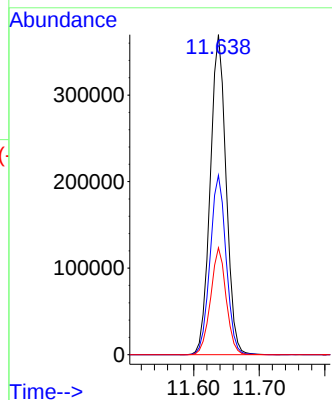
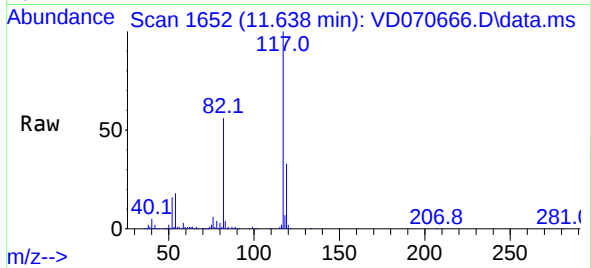




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Instrument :
MSVOA_D
ClientSampleId :
ETGI-330

Tgt Ion:117 Resp: 622864
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 33.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070666.D
Acq: 11 Oct 2021 18:03

Tgt Ion:152 Resp: 244496
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.7
150 158.4 0.0 350.0

