

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070021.D
 Acq On : 11 Aug 2021 14:09
 Operator : VA/SY
 Sample : M3335-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-080921RE

Quant Time: Aug 12 05:29:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	190652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	376384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	380071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	154703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170387	77.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.420%
35) Dibromofluoromethane	7.914	113	144336	60.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.660%
50) Toluene-d8	10.338	98	480390	52.507	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.626	95	154805	50.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.260%

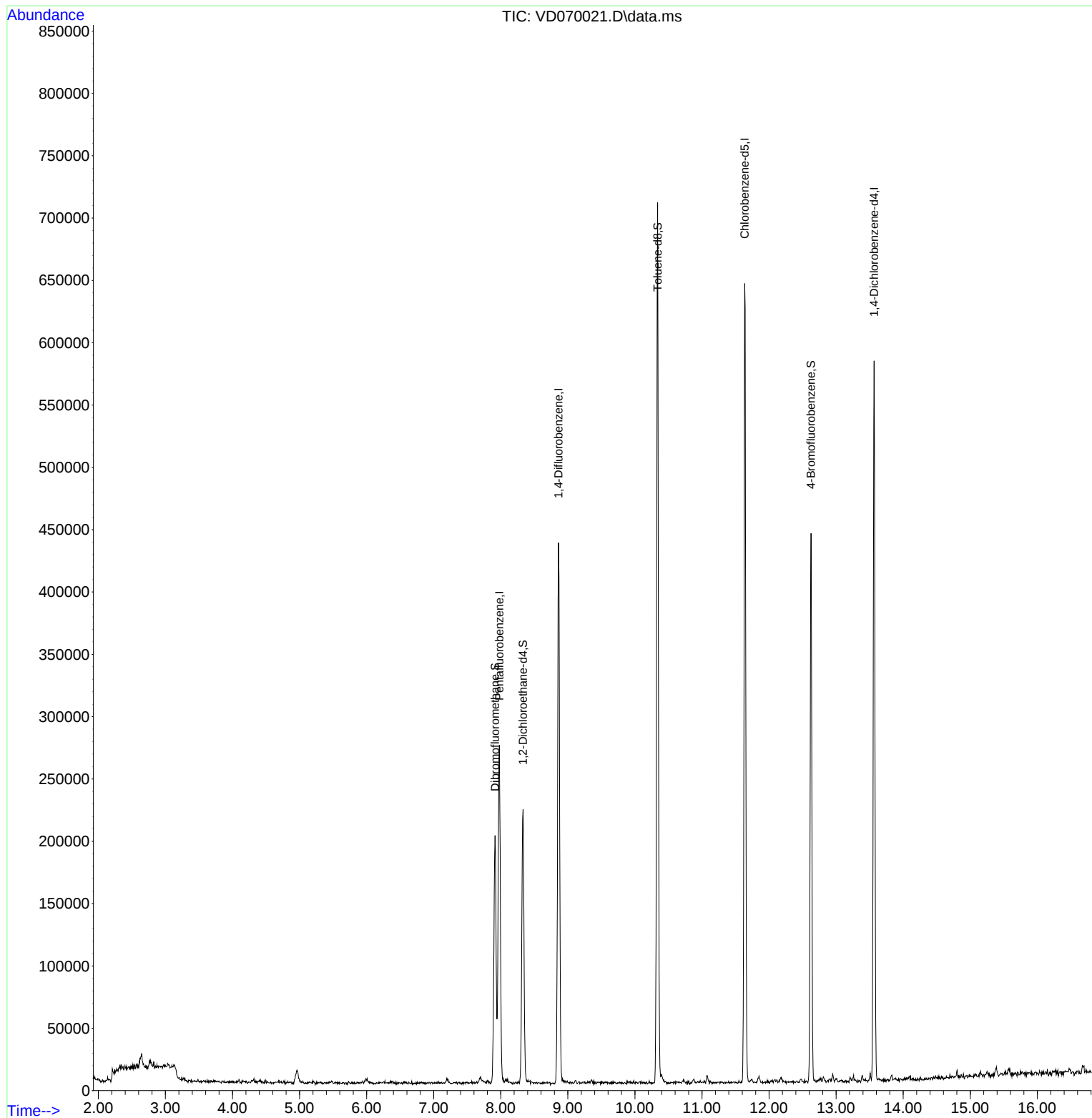
Target Compounds	Qvalue

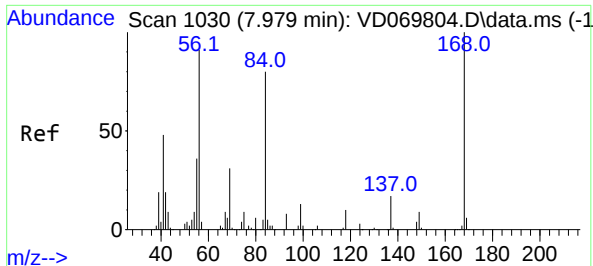
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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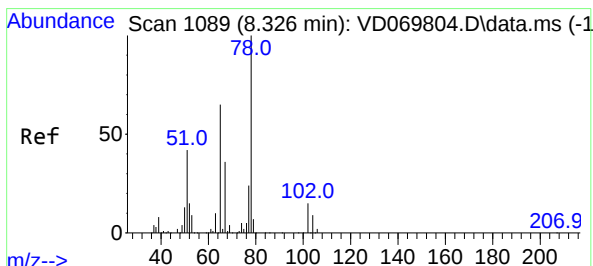
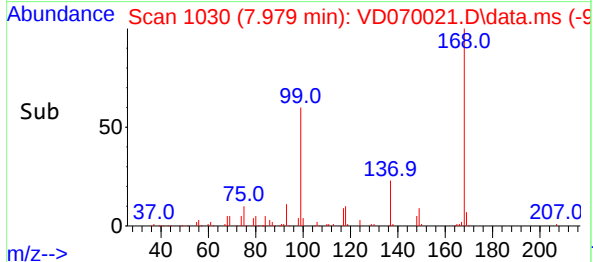
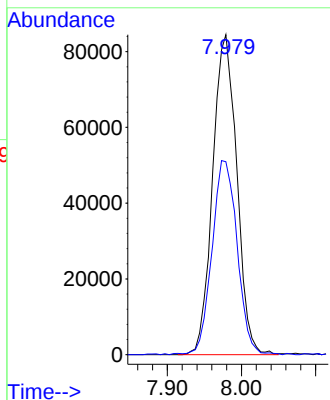
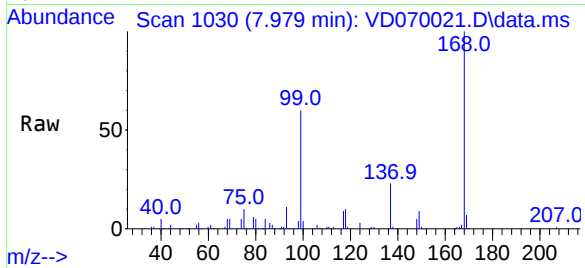




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

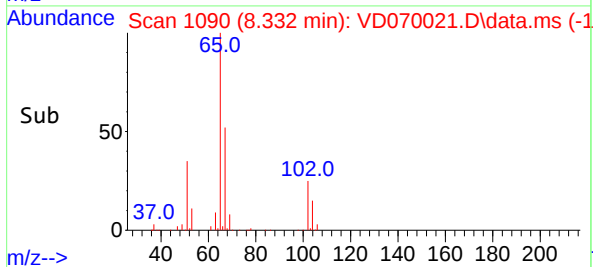
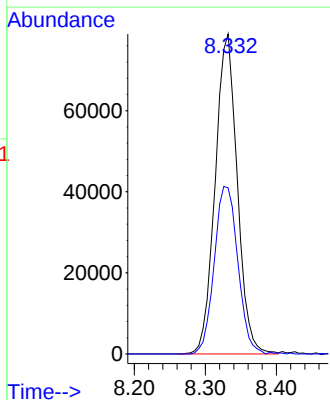
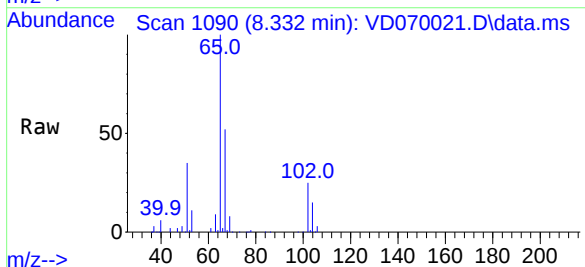
Instrument :
MSVOA_D
ClientSampleId :
OR-02-080921RE

Tgt Ion:168 Resp: 190652
Ion Ratio Lower Upper
168 100
99 60.0 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 77.708 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

Tgt Ion: 65 Resp: 170387
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.2

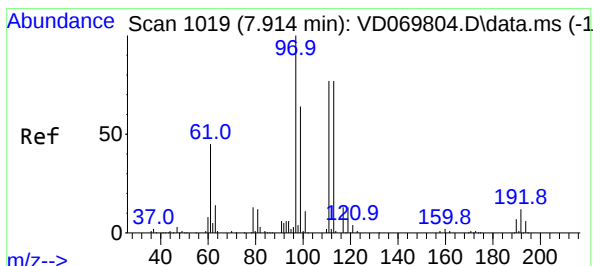
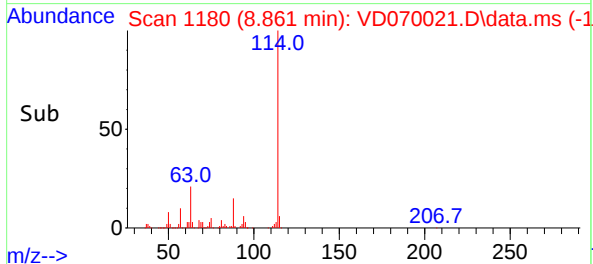
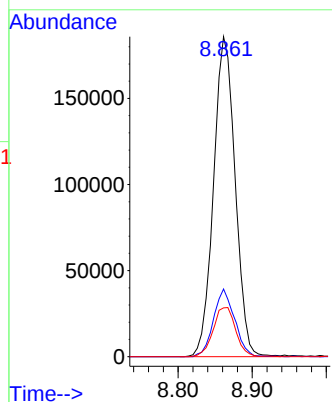
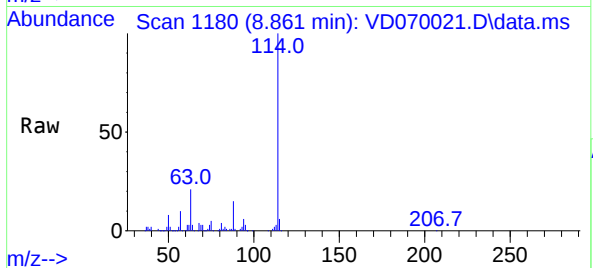




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

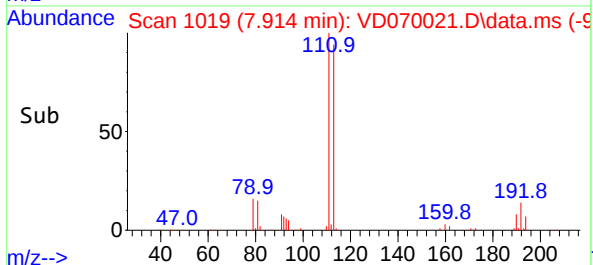
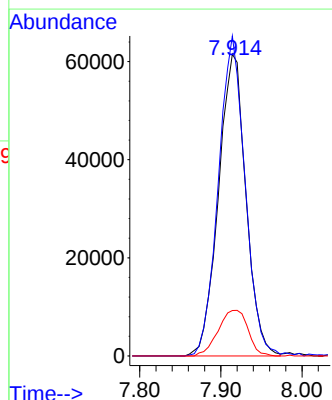
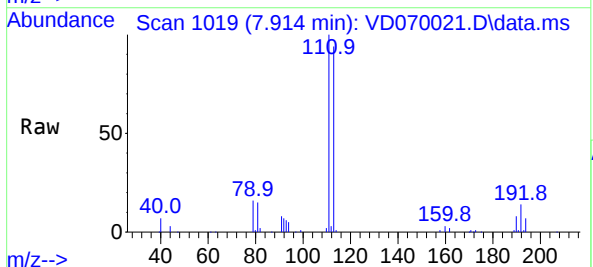
Instrument :
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ClientSampleId :
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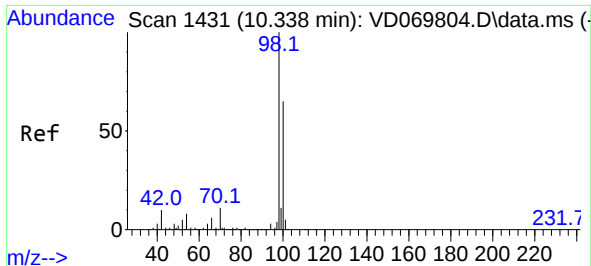
Tgt Ion:114 Resp: 376384
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 60.831 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

Tgt Ion:113 Resp: 144336
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 16.5 12.6 19.0

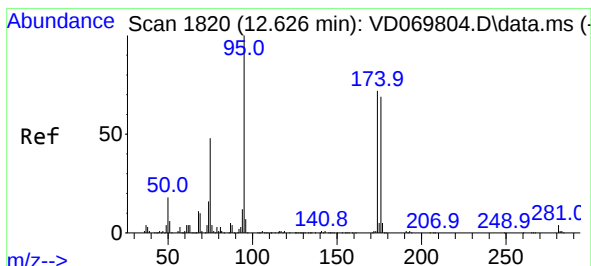
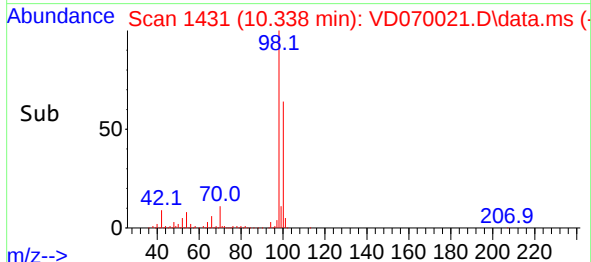
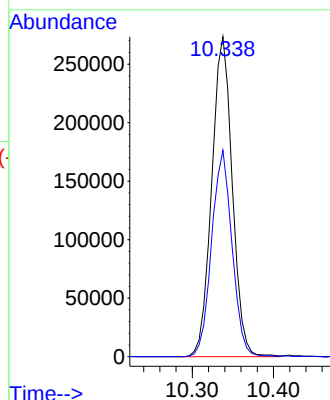
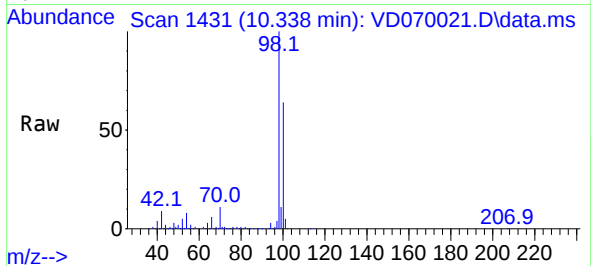




#50
Toluene-d8
Concen: 52.507 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

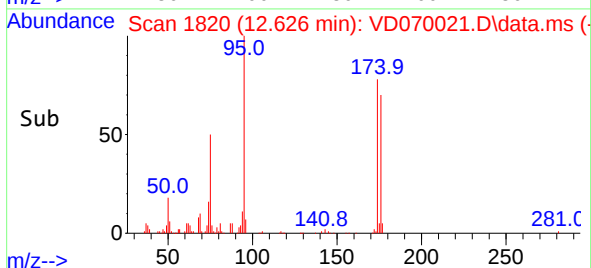
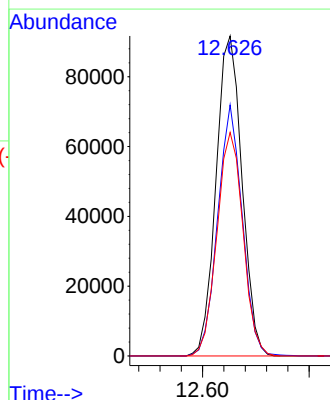
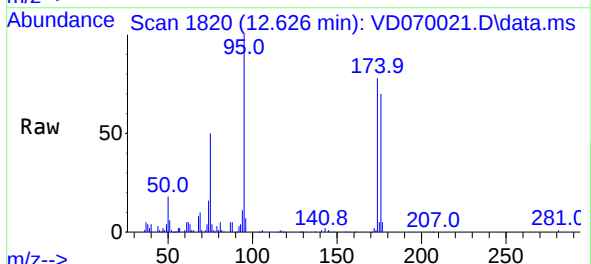
Instrument :
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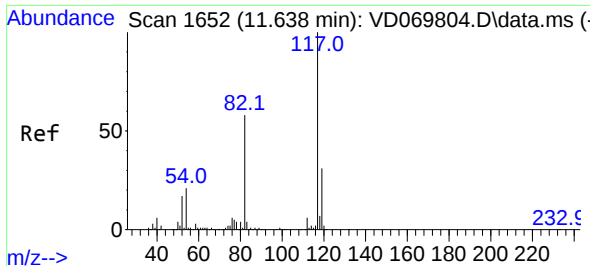
Tgt Ion: 98 Resp: 480390
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.629 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

Tgt Ion: 95 Resp: 154805
Ion Ratio Lower Upper
95 100
174 74.3 0.0 142.6
176 70.1 0.0 134.2

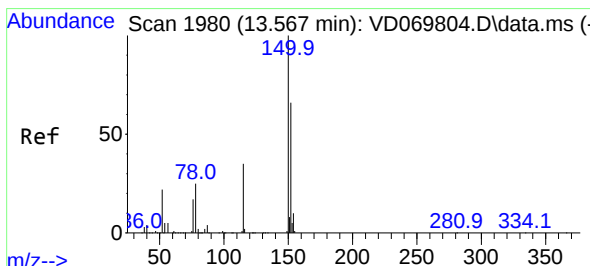
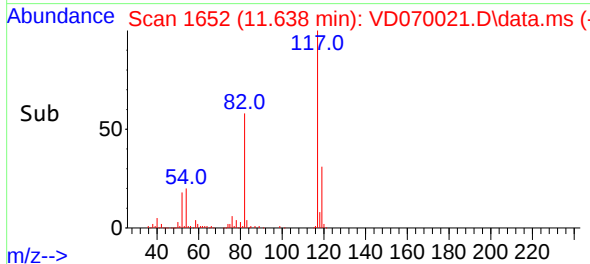
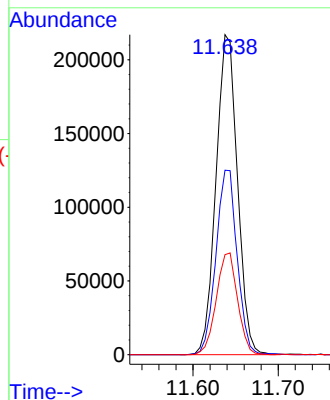
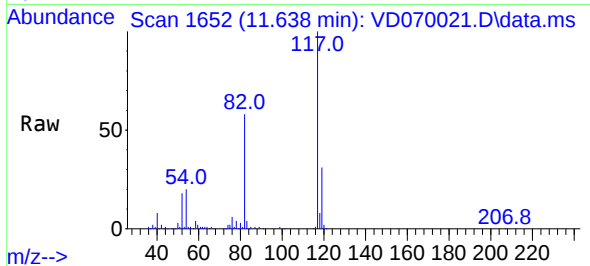




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

Instrument :
MSVOA_D
ClientSampleId :
OR-02-080921RE

Tgt Ion:117 Resp: 380071
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 31.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070021.D
Acq: 11 Aug 2021 14:09

Tgt Ion:152 Resp: 154703
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.3
150 158.6 0.0 343.0

