

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070025.D
 Acq On : 11 Aug 2021 16:04
 Operator : VA/SY
 Sample : M3333-07
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124027

Quant Time: Aug 12 05:30:09 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	529741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1099707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1023841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	402342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	356687	58.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.914	113	368521	53.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.320%
50) Toluene-d8	10.338	98	1439418	53.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.626	95	413281	46.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.520%

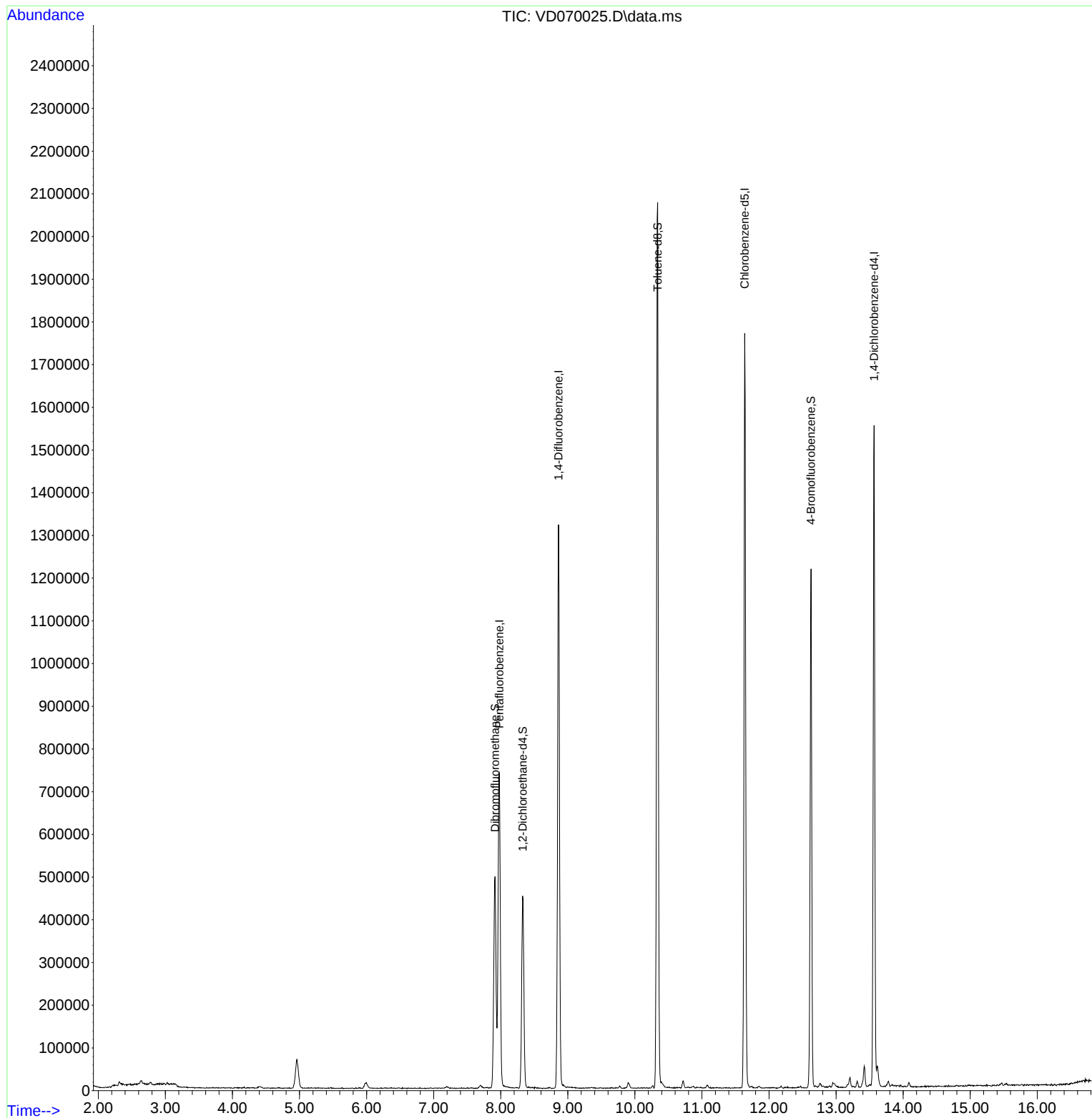
Target Compounds	Qvalue

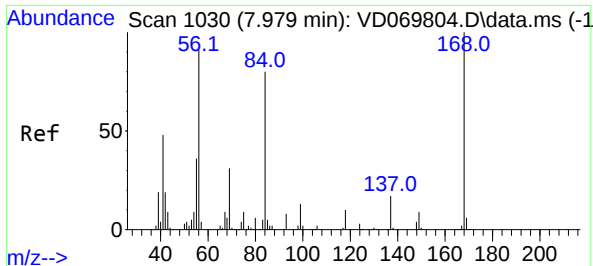
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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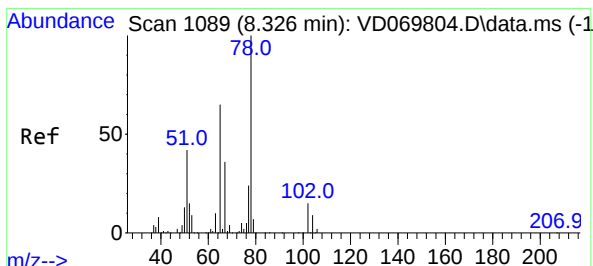
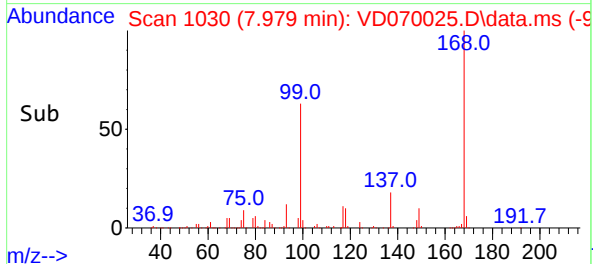
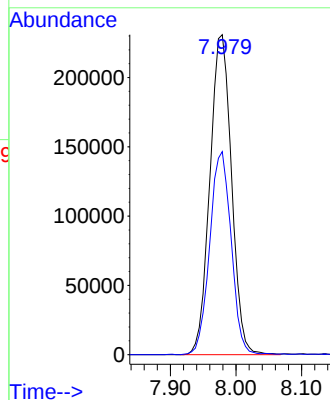
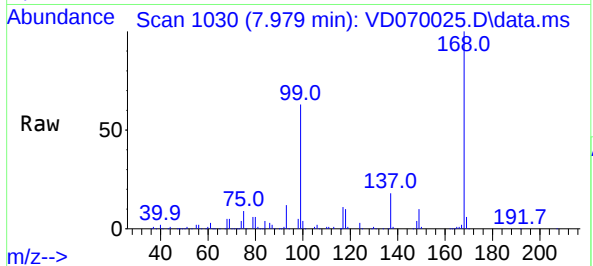




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

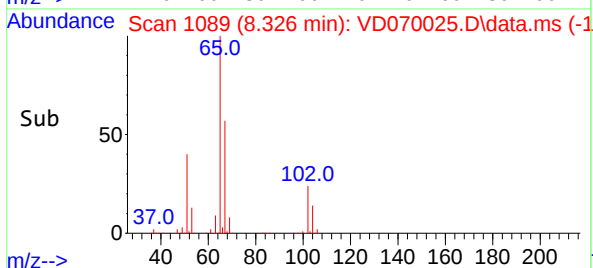
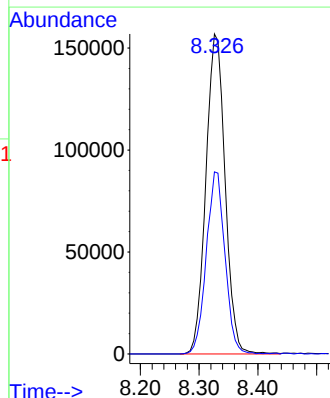
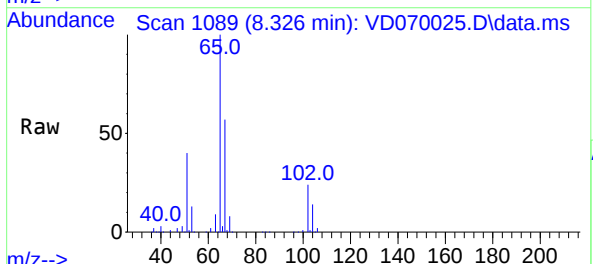
Instrument :
MSVOA_D
ClientSampleId :
124027

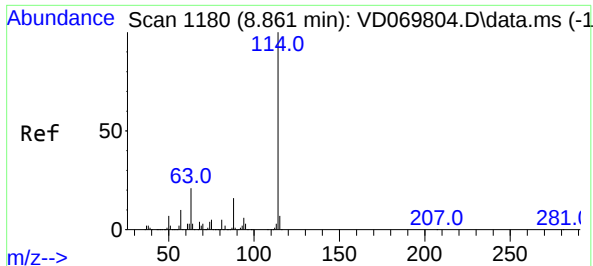
Tgt Ion:168 Resp: 529741
Ion Ratio Lower Upper
168 100
99 63.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 58.545 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

Tgt Ion: 65 Resp: 356687
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.2

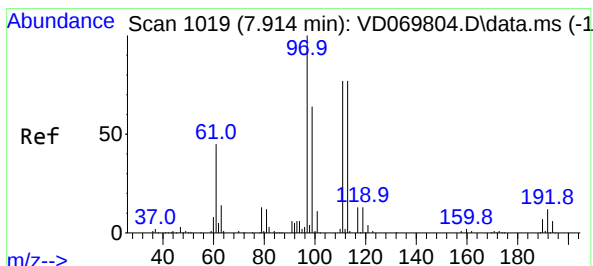
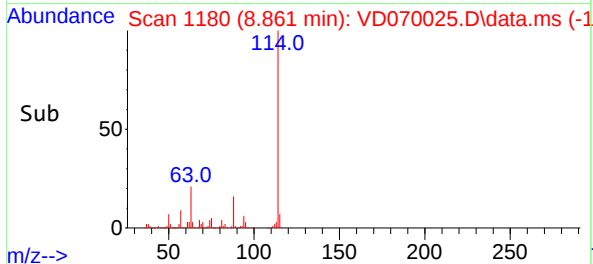
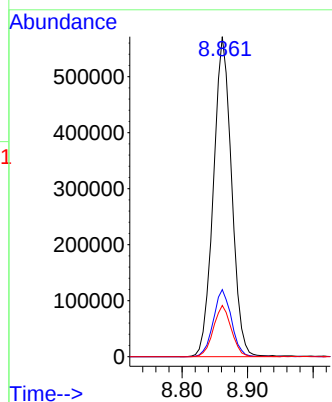
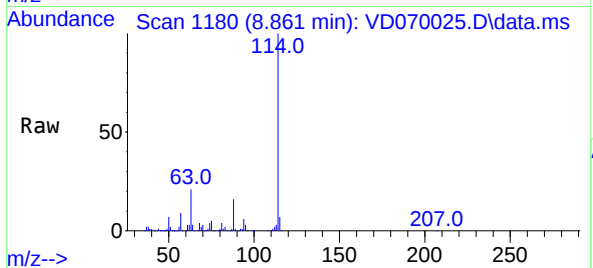




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

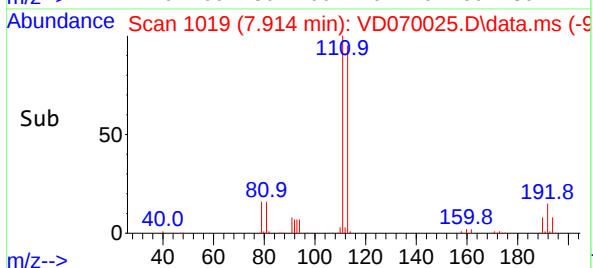
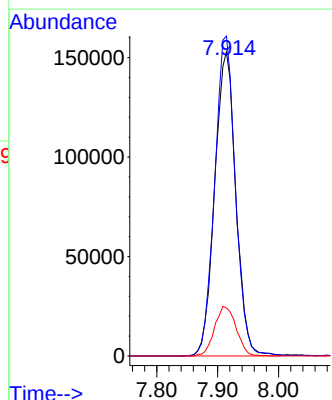
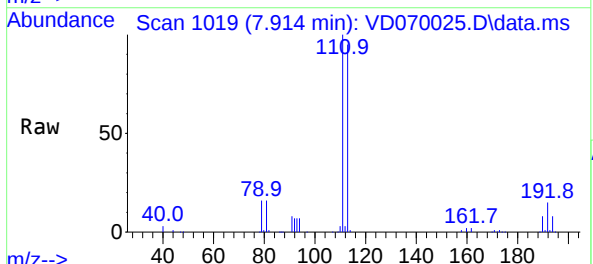
Instrument :
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ClientSampleId :
124027

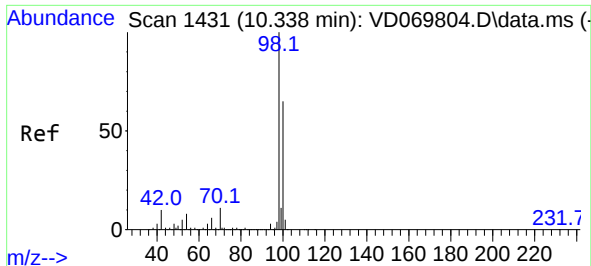
Tgt Ion:114 Resp: 1099707
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.158 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

Tgt Ion:113 Resp: 368521
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 16.7 12.6 19.0

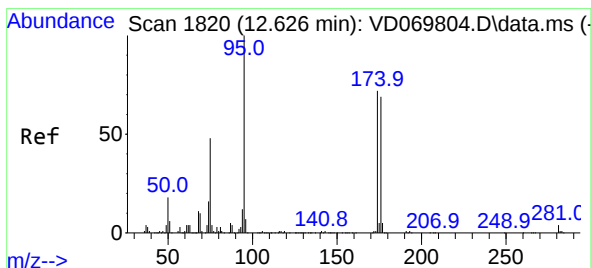
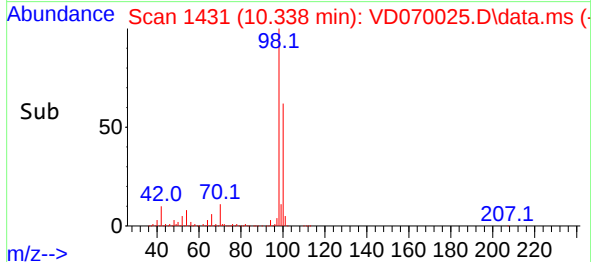
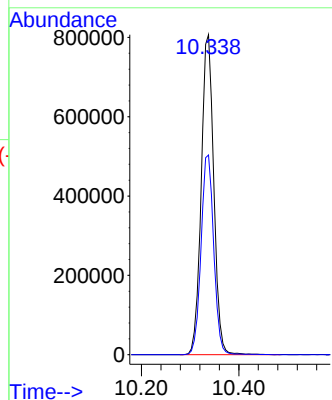
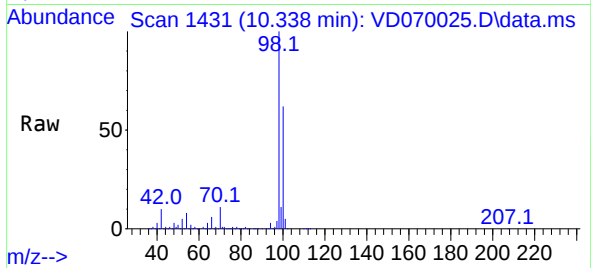




#50
Toluene-d8
Concen: 53.847 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

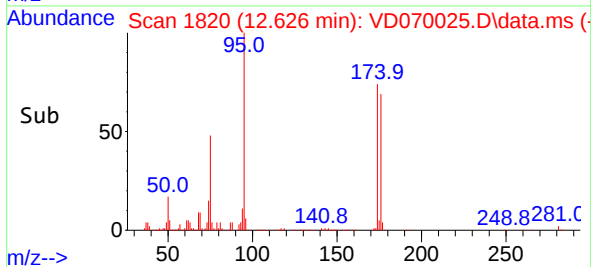
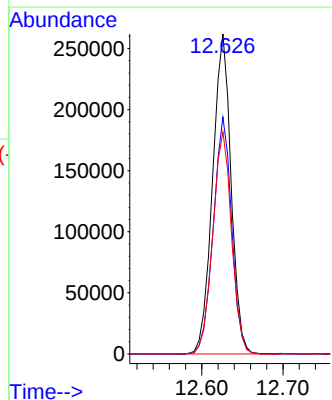
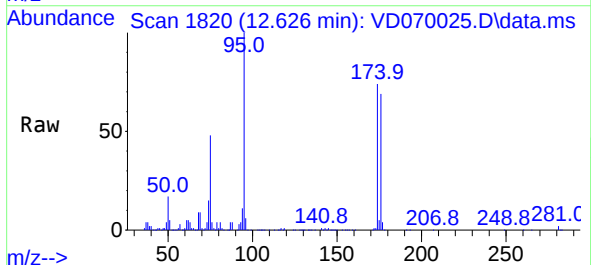
Instrument :
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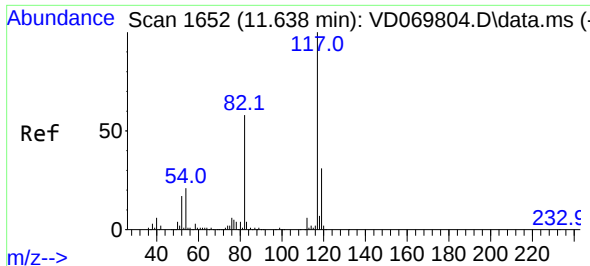
Tgt Ion: 98 Resp: 1439418
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.261 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

Tgt Ion: 95 Resp: 413281
Ion Ratio Lower Upper
95 100
174 73.8 0.0 142.6
176 70.5 0.0 134.2

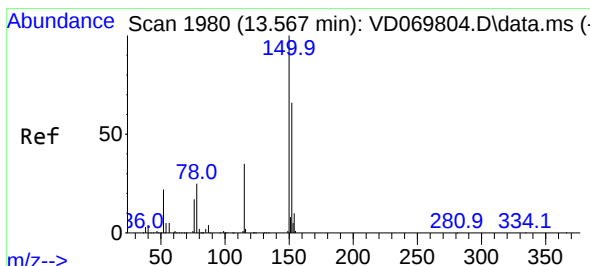
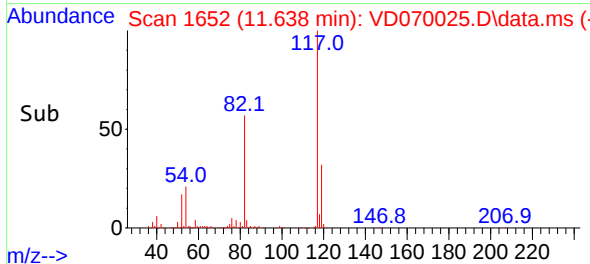
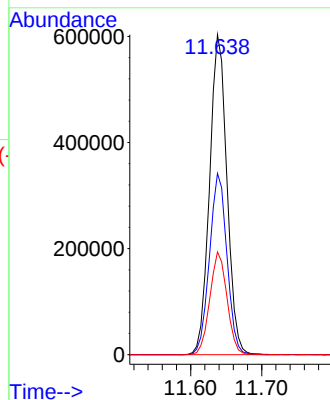
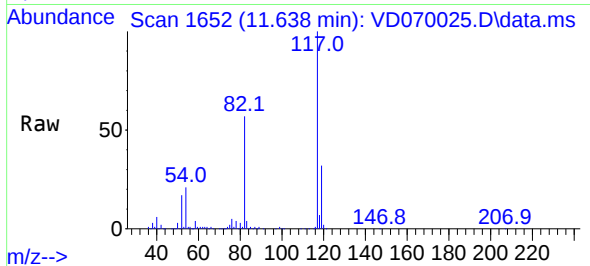




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070025.D
Acq: 11 Aug 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :
124027

Tgt Ion:117 Resp: 1023841
Ion Ratio Lower Upper
117 100
82 56.7 46.3 69.5
119 32.1 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: VD070025.D
Acq: 11 Aug 2021 16:04

Tgt Ion:152 Resp: 402342
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 157.9 0.0 343.0

