

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071324.D
 Acq On : 14 Dec 2021 16:52
 Operator : VA/SY
 Sample : M5068-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-121321

Quant Time: Dec 15 08:31:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	159329	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	283743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	330698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	163773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	116764	62.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.920%
35) Dibromofluoromethane	7.914	113	95880	53.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.120%
50) Toluene-d8	10.332	98	361048	52.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.620	95	164370	68.963	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.920%

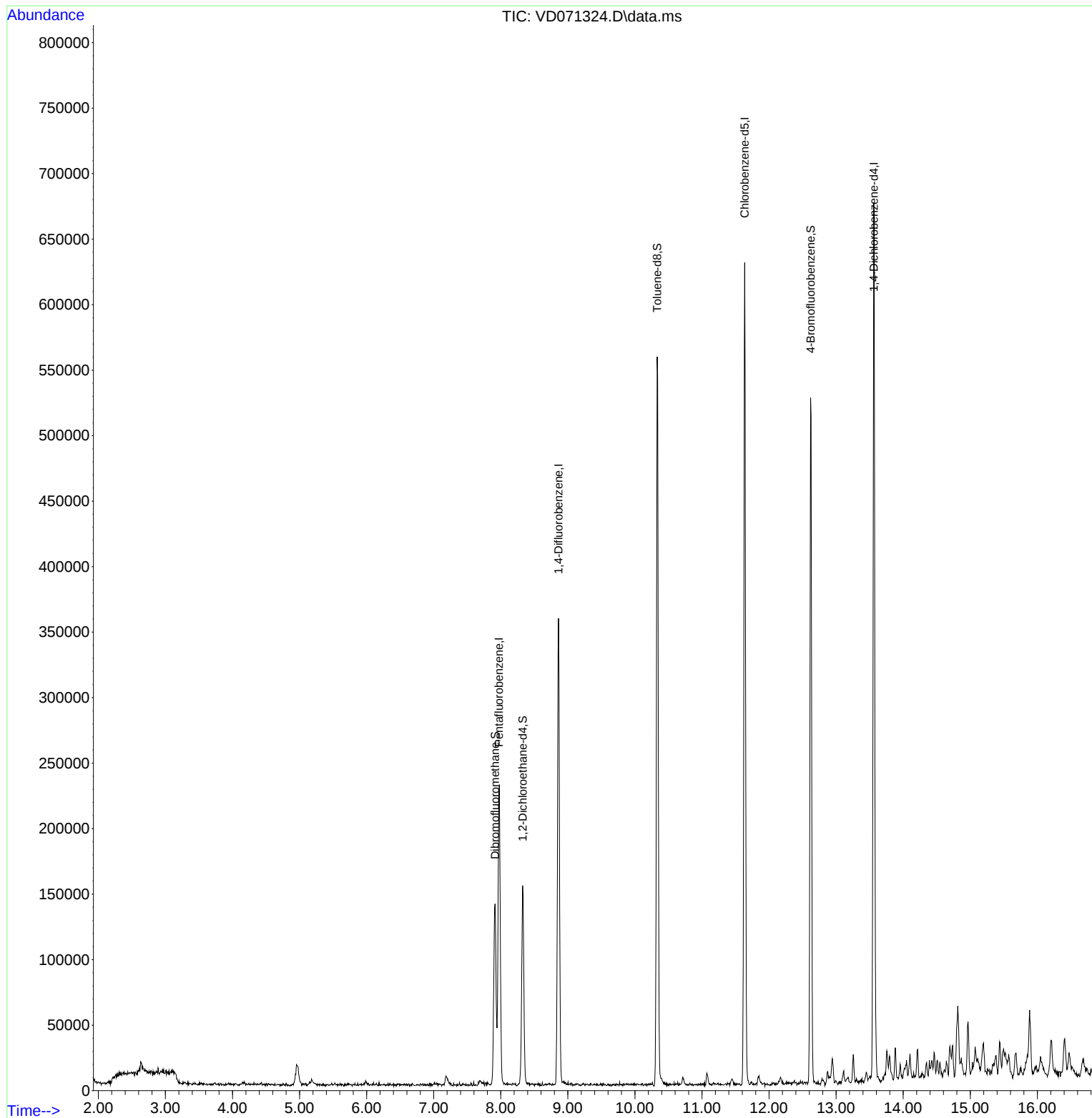
Target Compounds	Qvalue

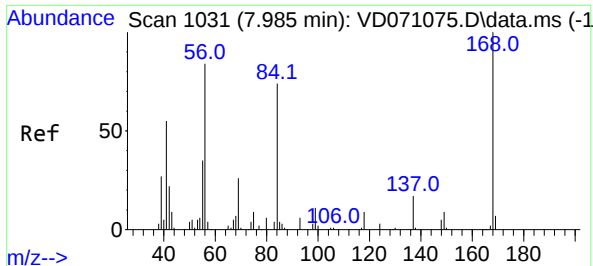
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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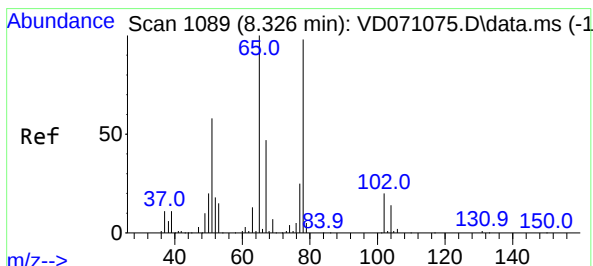
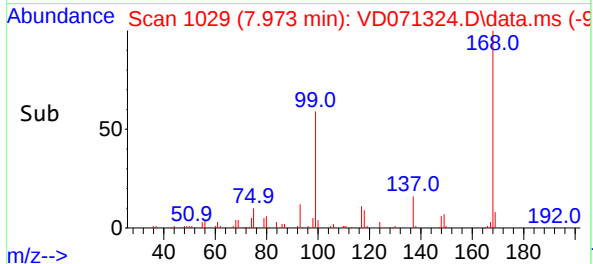
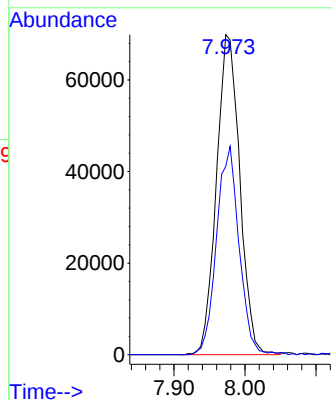
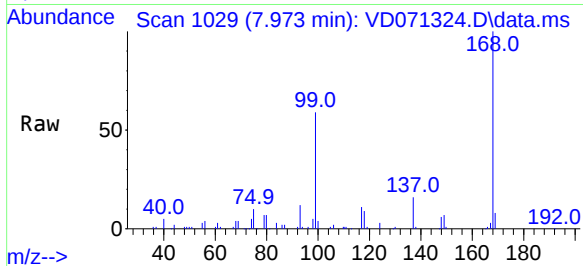




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

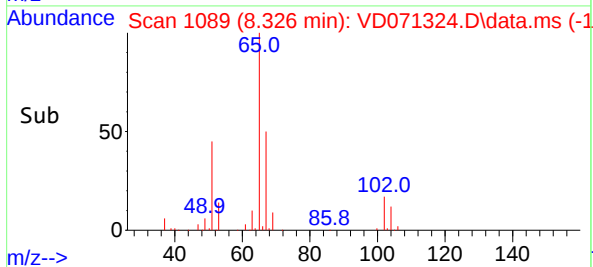
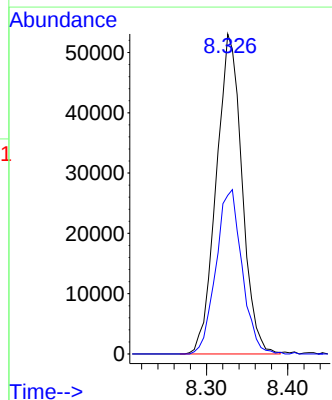
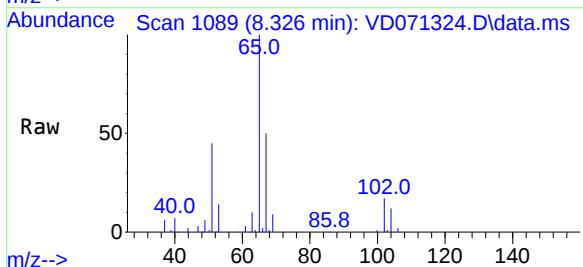
Instrument :
MSVOA_D
ClientSampleId :
PL-01-121321

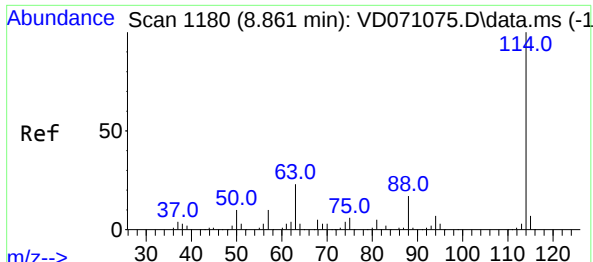
Tgt Ion:168 Resp: 159329
Ion Ratio Lower Upper
168 100
99 58.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 62.456 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

Tgt Ion: 65 Resp: 116764
Ion Ratio Lower Upper
65 100
67 52.0 0.0 112.2

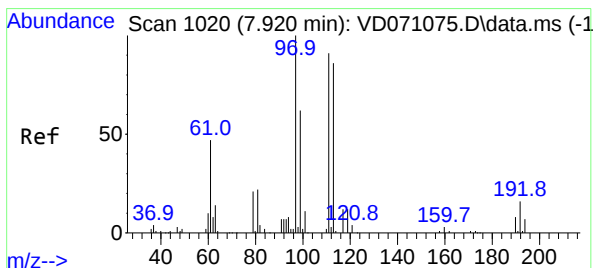
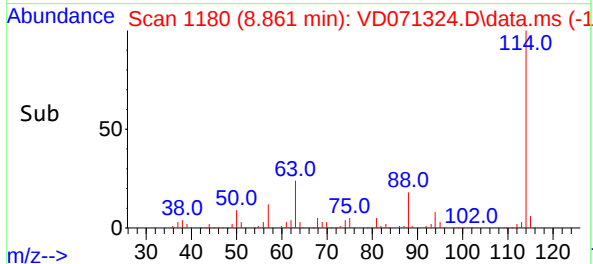
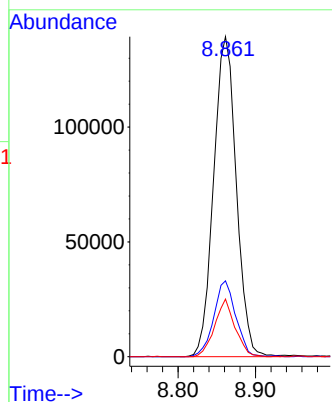
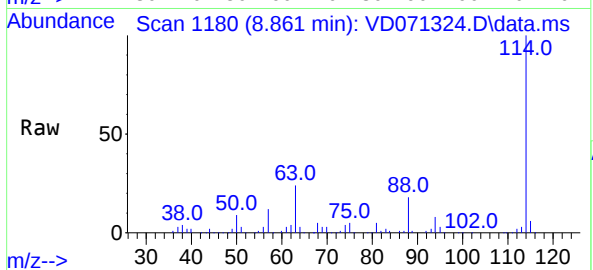




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

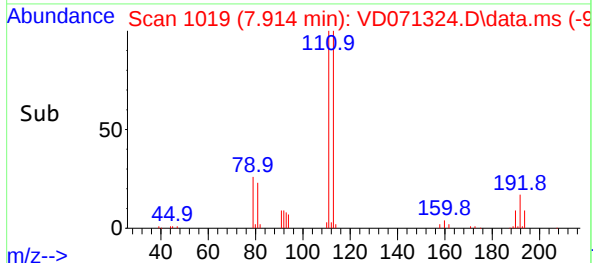
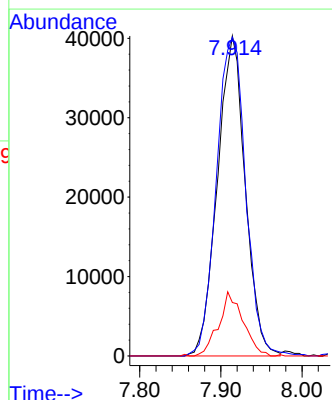
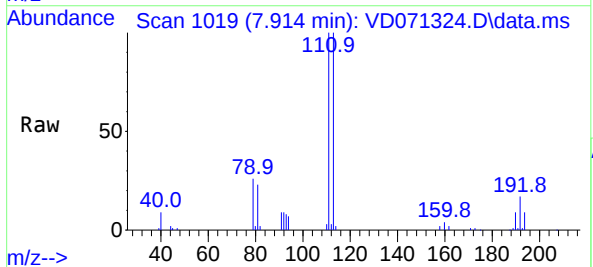
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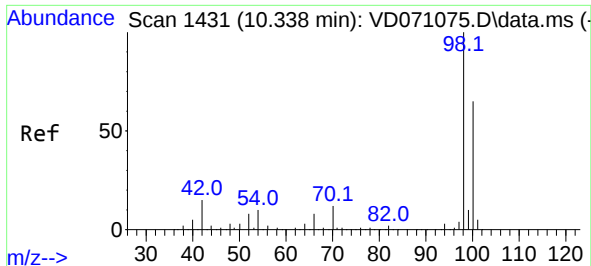
Tgt Ion:114 Resp: 283743
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 18.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.065 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

Tgt Ion:113 Resp: 95880
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 17.6 15.2 22.8

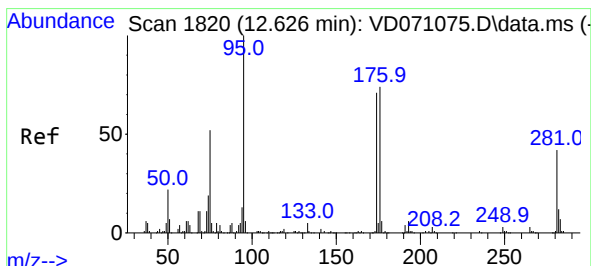
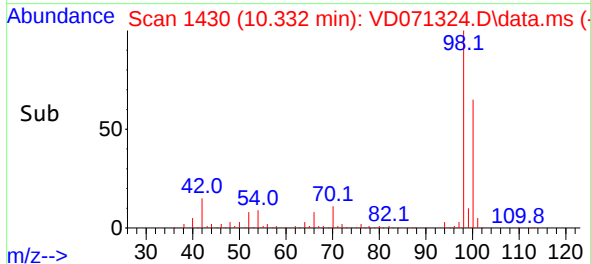
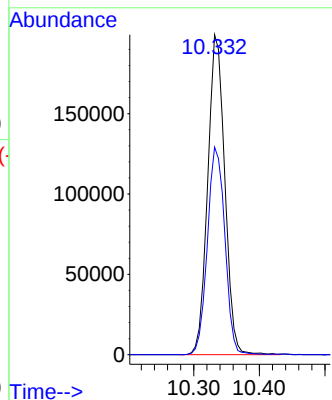
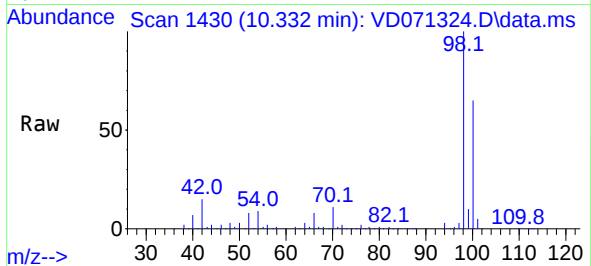




#50
Toluene-d8
Concen: 52.509 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

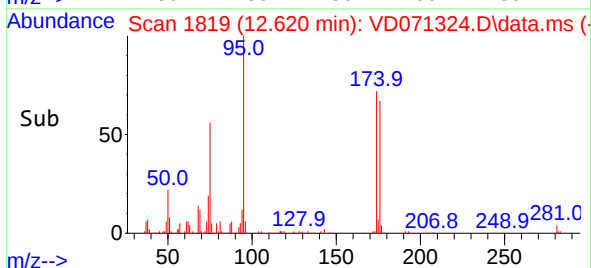
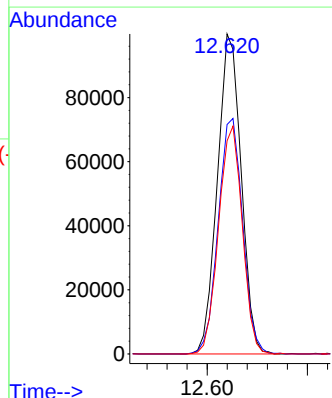
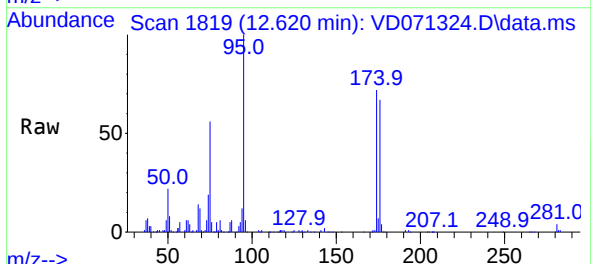
Instrument :
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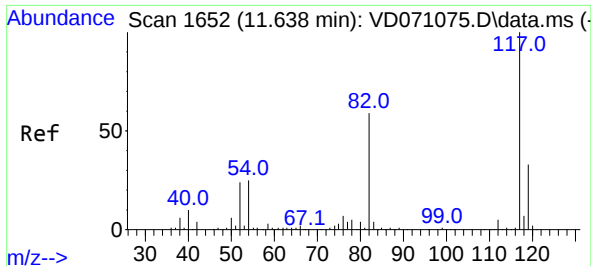
Tgt Ion: 98 Resp: 361048
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.963 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

Tgt Ion: 95 Resp: 164370
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 70.8 0.0 154.0

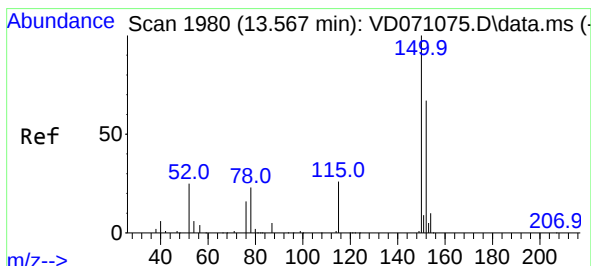
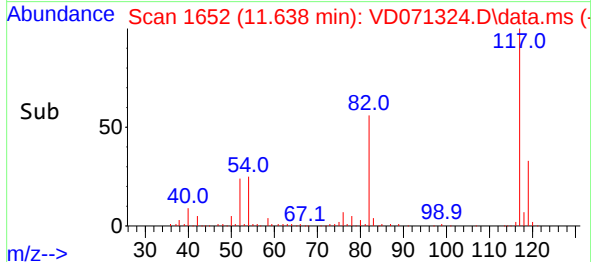
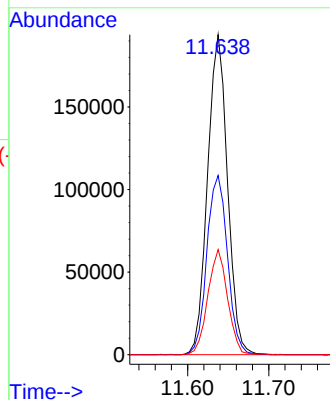
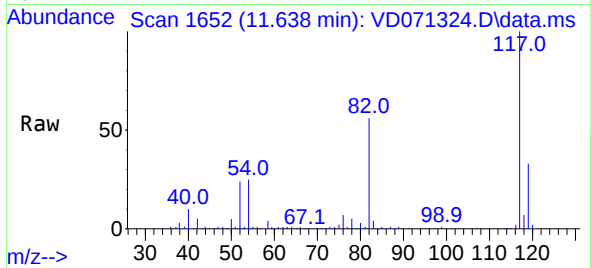




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

Instrument :
MSVOA_D
ClientSampleId :
PL-01-121321

Tgt Ion:117 Resp: 330698
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071324.D
Acq: 14 Dec 2021 16:52

Tgt Ion:152 Resp: 163773
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 157.0 0.0 349.2

