

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069450.D
 Acq On : 15 Jun 2021 20:01
 Operator : VA/SY
 Sample : M2719-01
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-061521

Quant Time: Jun 16 02:02:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	340609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	691753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	310695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	212999	55.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.860%
35) Dibromofluoromethane	7.914	113	228054	46.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.940%
50) Toluene-d8	10.338	98	841188	46.865	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.740%
62) 4-Bromofluorobenzene	12.626	95	315690	54.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.620%

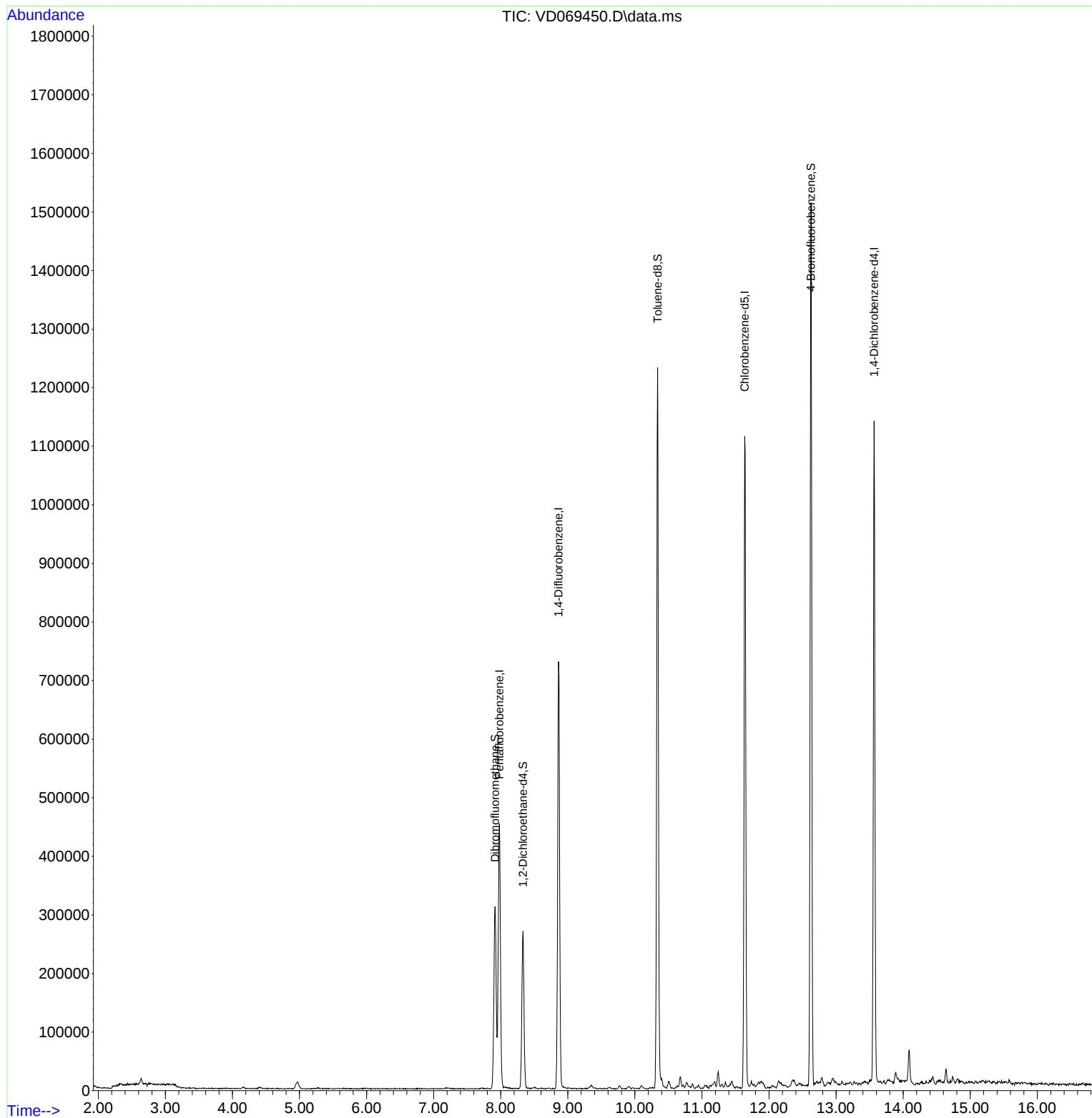
Target Compounds	Qvalue

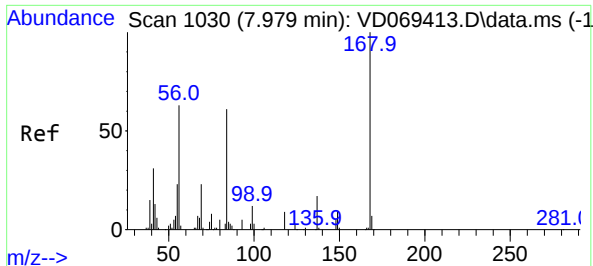
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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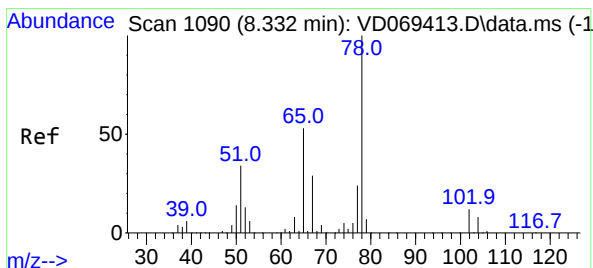
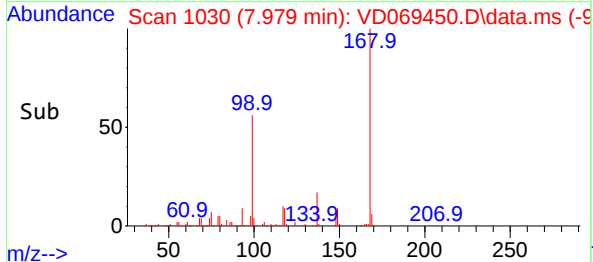
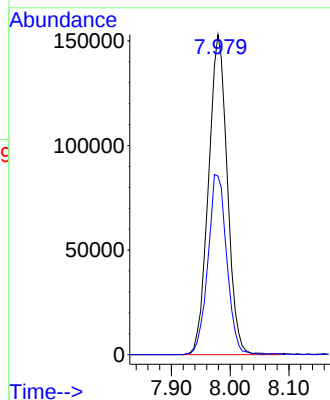
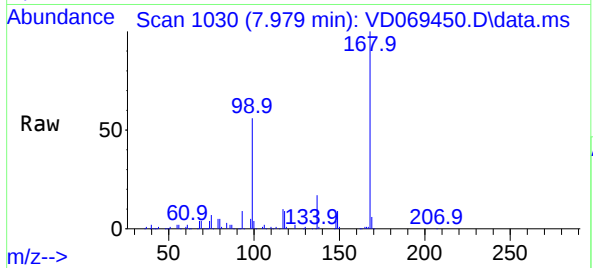




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

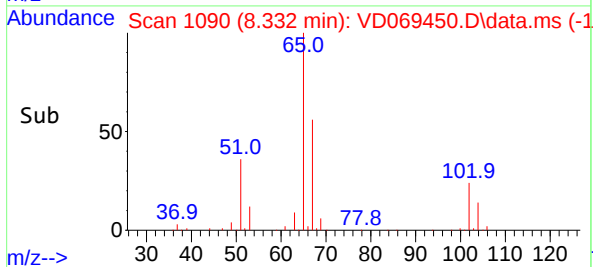
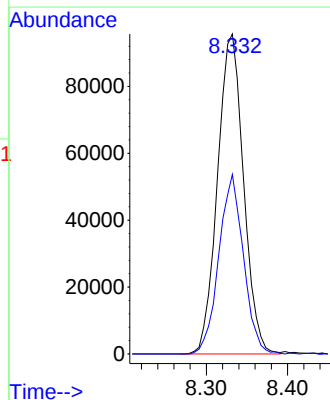
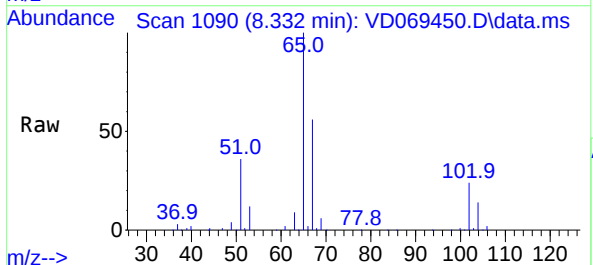
Instrument :
MSVOA_D
ClientSampleId :
OK-03-061521

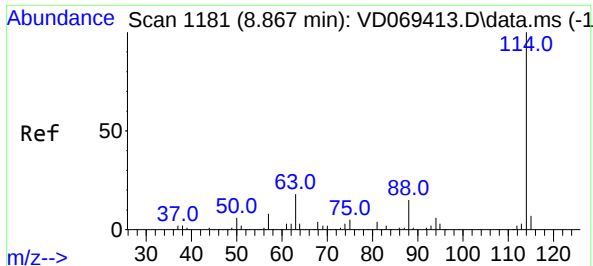
Tgt Ion:168 Resp: 340609
Ion Ratio Lower Upper
168 100
99 55.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 55.431 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion: 65 Resp: 212999
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8



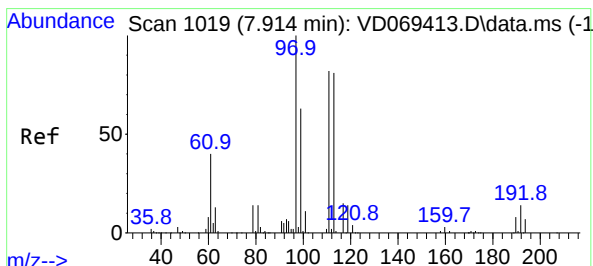
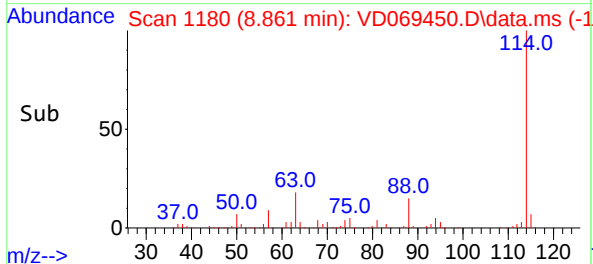
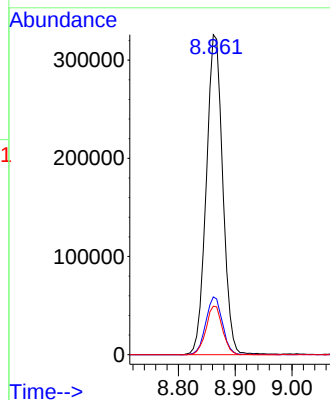
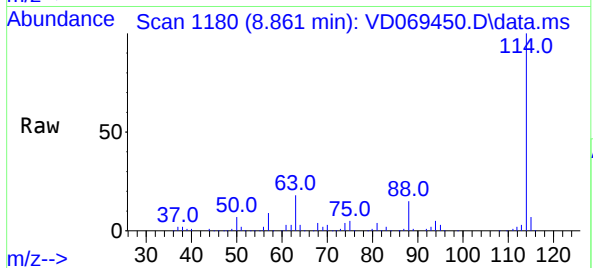


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Instrument :
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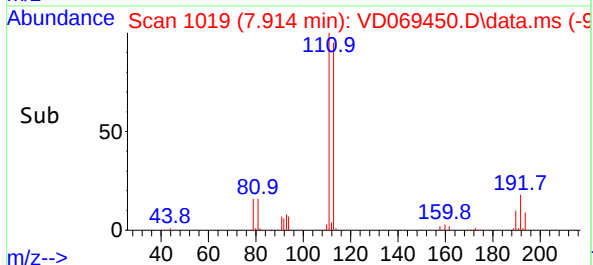
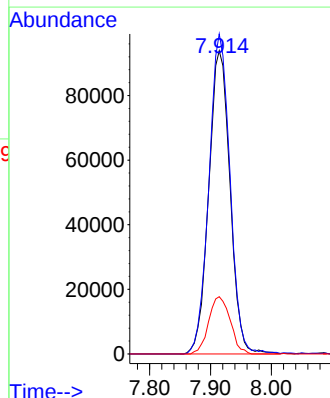
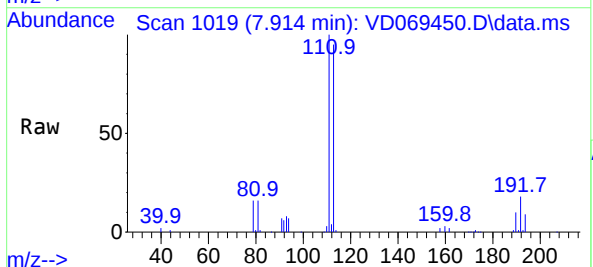
Tgt Ion:114 Resp: 655208
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.6
88 15.2 0.0 31.2

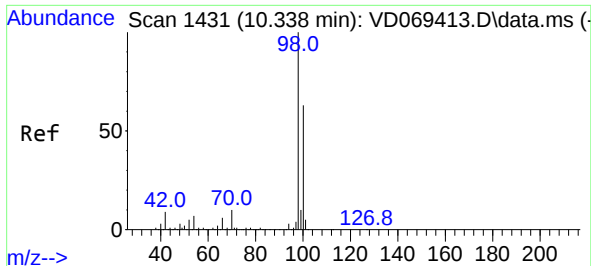


#35

Dibromofluoromethane
Concen: 46.470 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion:113 Resp: 228054
Ion Ratio Lower Upper
113 100
111 104.5 83.0 124.6
192 19.1 15.1 22.7

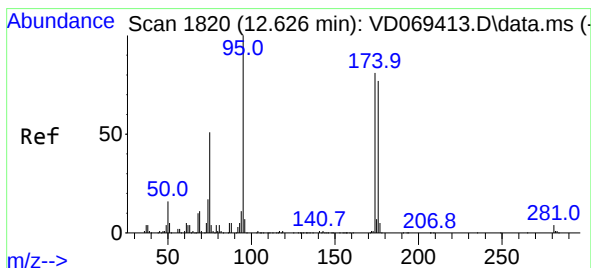
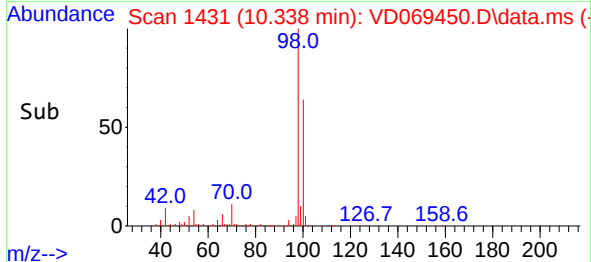
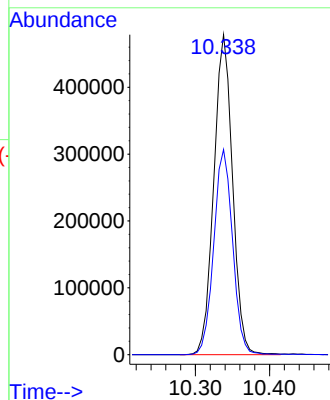
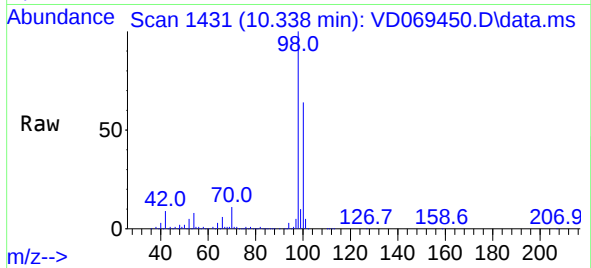




#50
Toluene-d8
Concen: 46.865 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

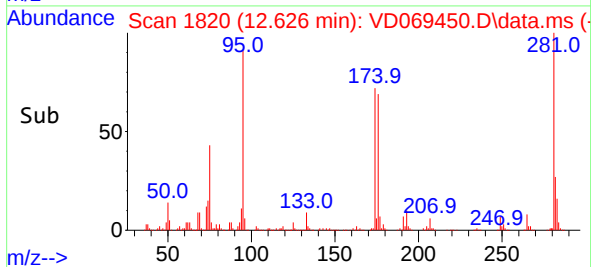
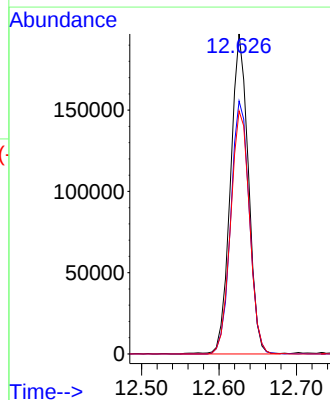
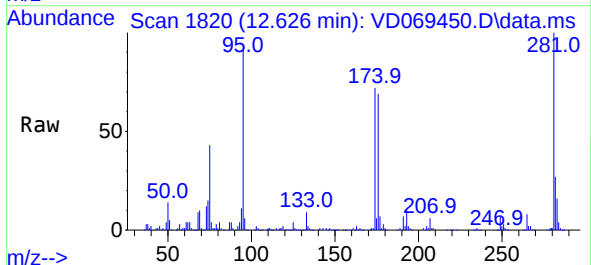
Instrument :
MSVOA_D
ClientSampleId :
OK-03-061521

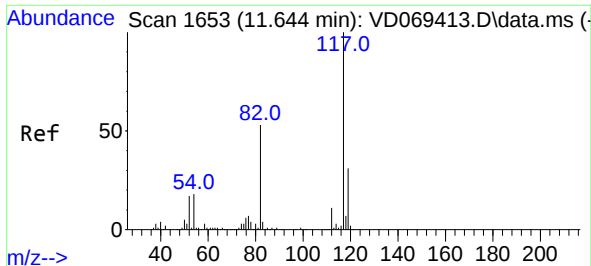
Tgt Ion: 98 Resp: 841188
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.815 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

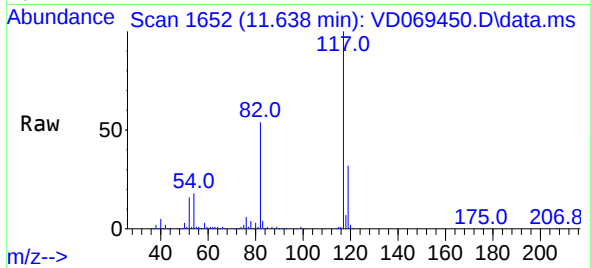
Tgt Ion: 95 Resp: 315690
Ion Ratio Lower Upper
95 100
174 81.6 0.0 162.8
176 79.9 0.0 154.4





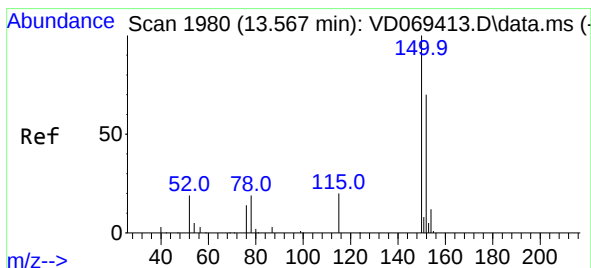
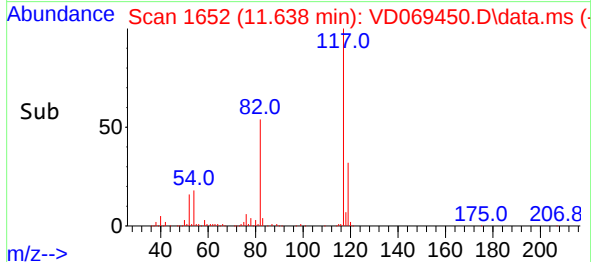
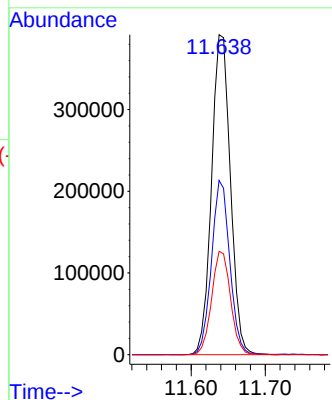
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Instrument :
MSVOA_D
ClientSampleId :
OK-03-061521



Tgt Ion:117 Resp: 691753

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.3	64.9
119	32.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion:152 Resp: 310695

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.4	88.3
150	157.3	0.0	355.0

