

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070665.D
 Acq On : 11 Oct 2021 17:35
 Operator : VA/SY
 Sample : M4164-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-100821

Quant Time: Oct 12 05:42:31 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	360759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	658712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209743	49.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.80%
35) Dibromofluoromethane	7.909	113	228169	48.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.76%
50) Toluene-d8	10.332	98	904318	50.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.32%
62) 4-Bromofluorobenzene	12.620	95	260882	43.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.58%

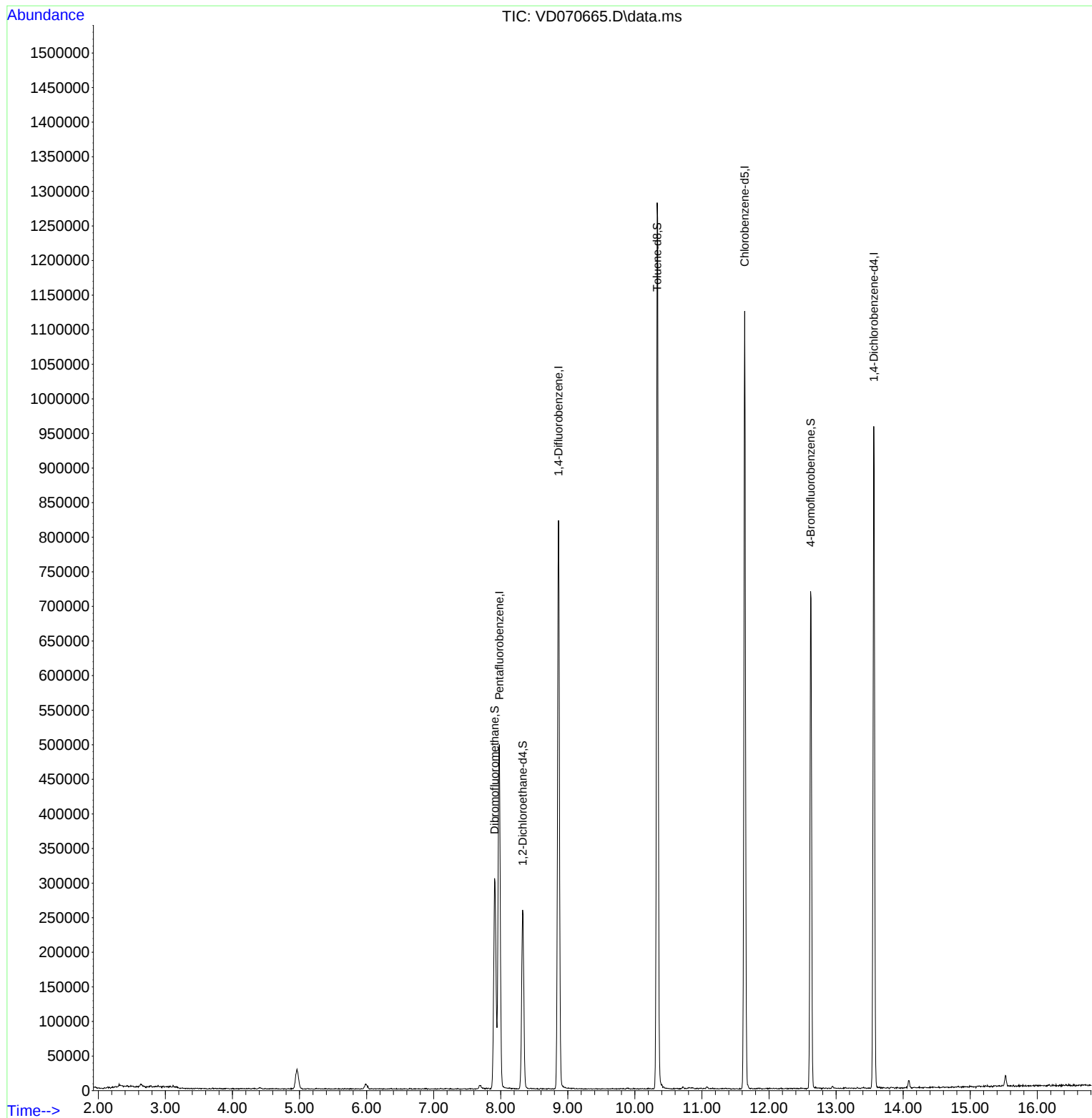
Target Compounds	Qvalue

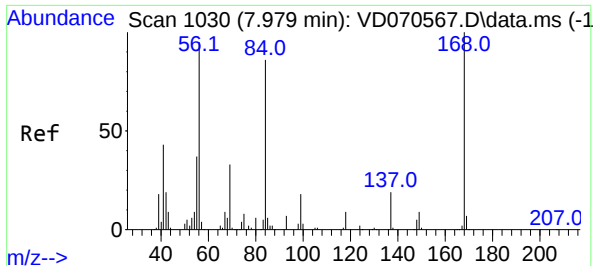
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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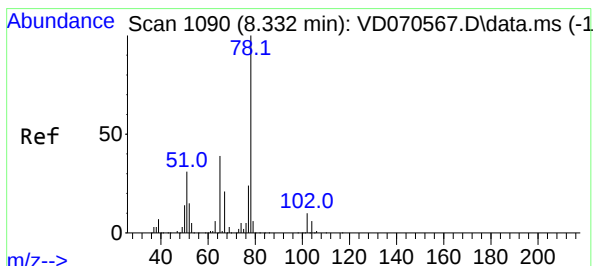
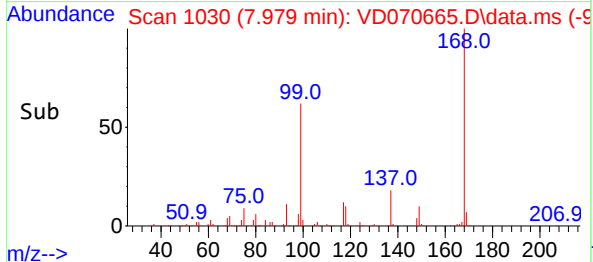
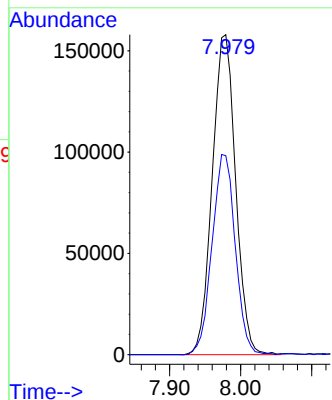
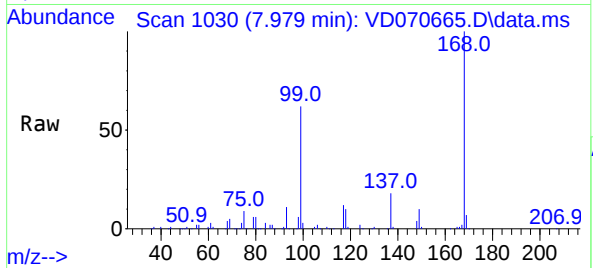




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

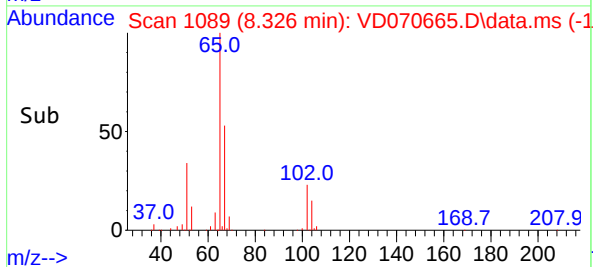
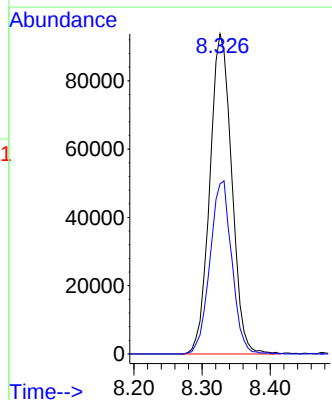
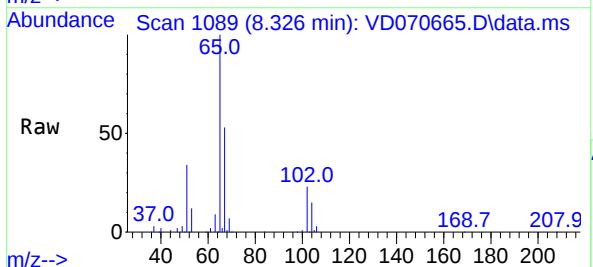
Instrument :
MSVOA_D
ClientSampleId :
BU-03-100821

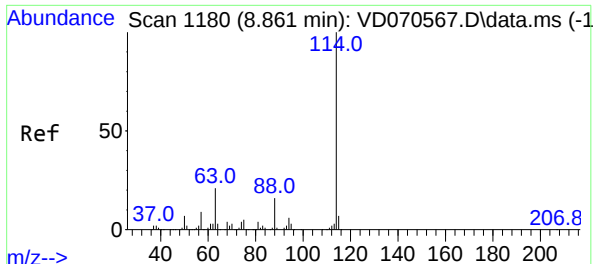
Tgt Ion:168 Resp: 360759
Ion Ratio Lower Upper
168 100
99 62.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

Tgt Ion: 65 Resp: 209743
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2





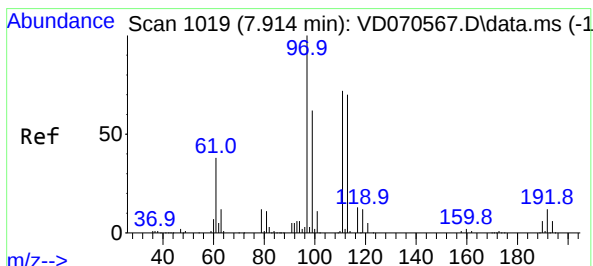
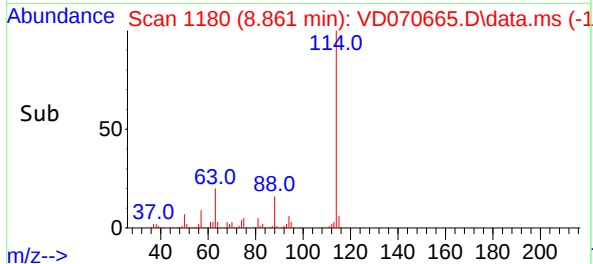
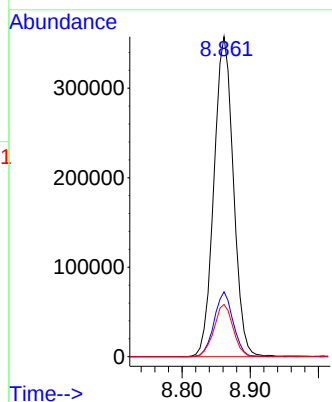
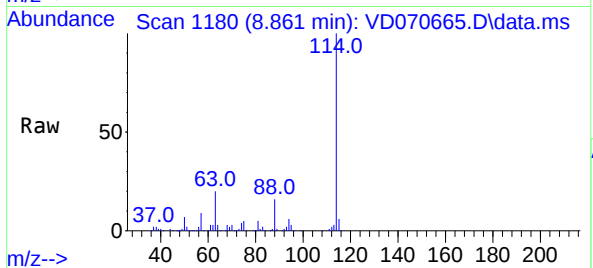
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
BU-03-100821

Tgt Ion:114 Resp: 709393

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.8
88	16.3	0.0	32.6

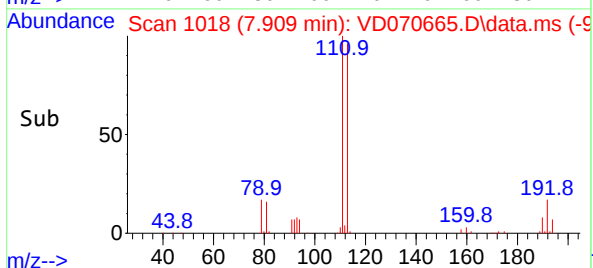
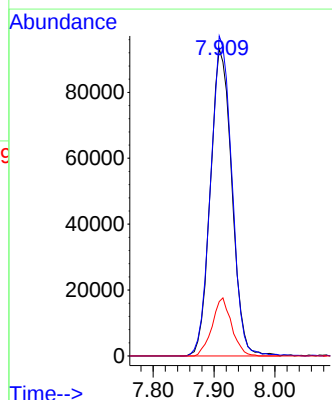
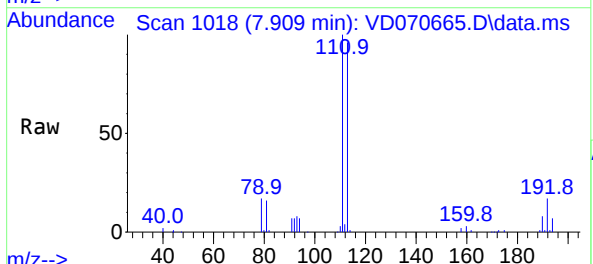


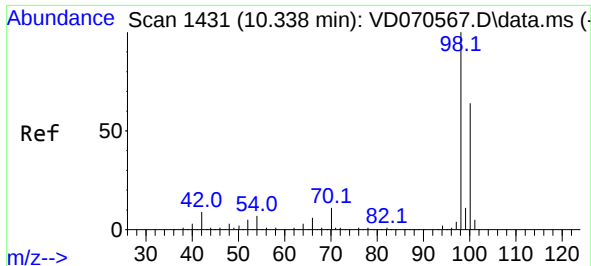
#35

Dibromofluoromethane
Concen: 48.38 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

Tgt Ion:113 Resp: 228169

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	17.1	12.7	19.1

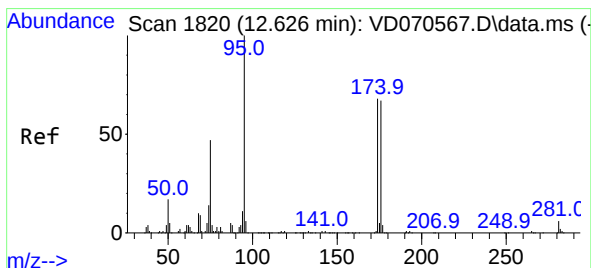
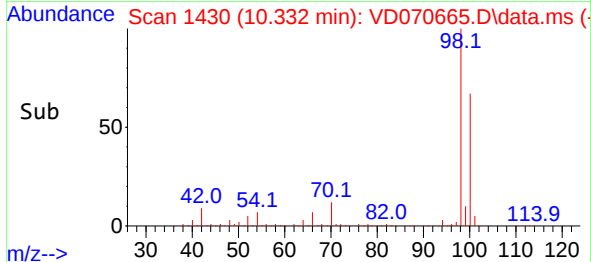
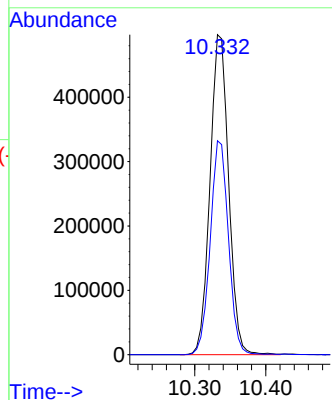
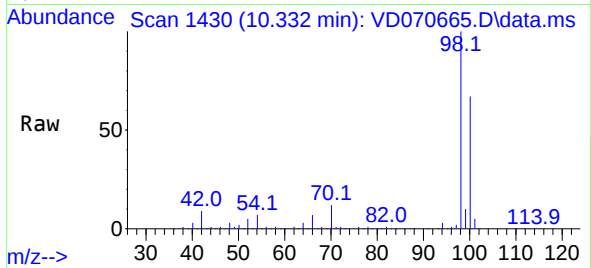




#50
Toluene-d8
Concen: 50.16 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

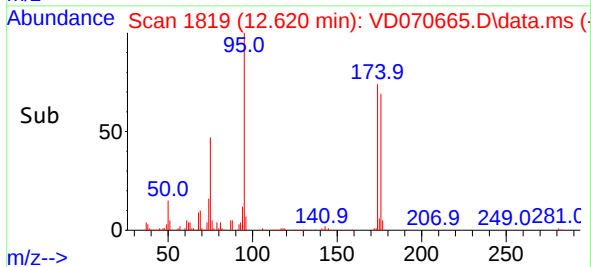
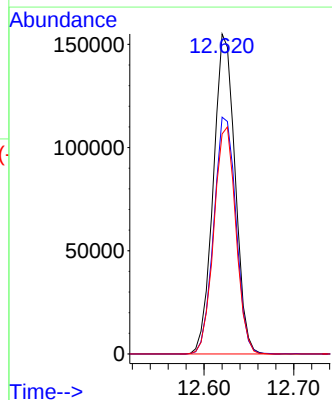
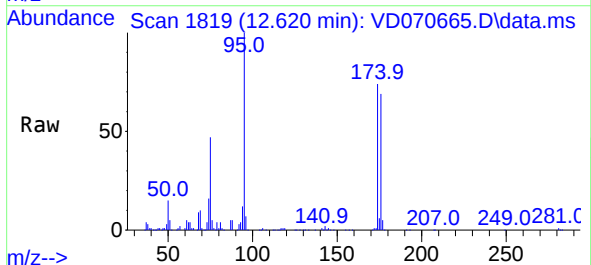
Instrument :
MSVOA_D
ClientSampleId :
BU-03-100821

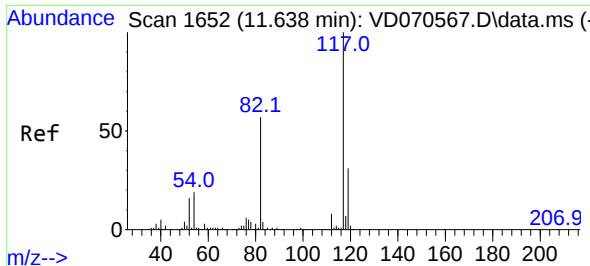
Tgt Ion: 98 Resp: 904318
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.29 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

Tgt Ion: 95 Resp: 260882
Ion Ratio Lower Upper
95 100
174 75.5 0.0 138.0
176 71.6 0.0 135.6

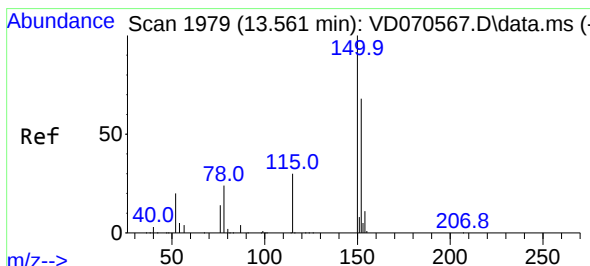
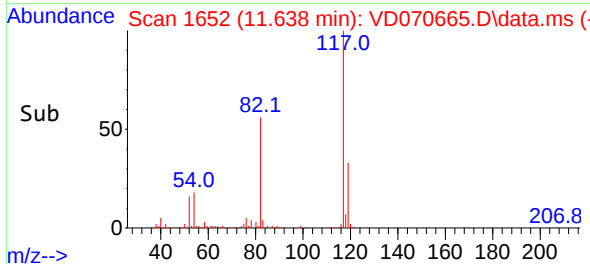
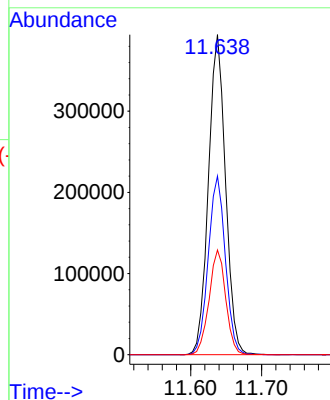
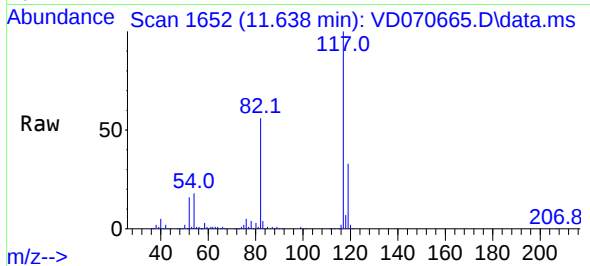




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070665.D
Acq: 11 Oct 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
BU-03-100821

Tgt Ion:117 Resp: 658712
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 32.7 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: VD070665.D
Acq: 11 Oct 2021 17:35

Tgt Ion:152 Resp: 253240
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.7
150 160.3 0.0 350.0

