

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072347.D
 Acq On : 21 Mar 2022 18:29
 Operator : VA/SY
 Sample : N1995-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-4.5-5.0

Quant Time: Mar 22 02:13:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	65403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	110055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	132362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	68203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	50789	69.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.360%
35) Dibromofluoromethane	7.908	113	42830	55.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.600%
50) Toluene-d8	10.332	98	134606	47.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.620	95	60892	55.340	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.680%

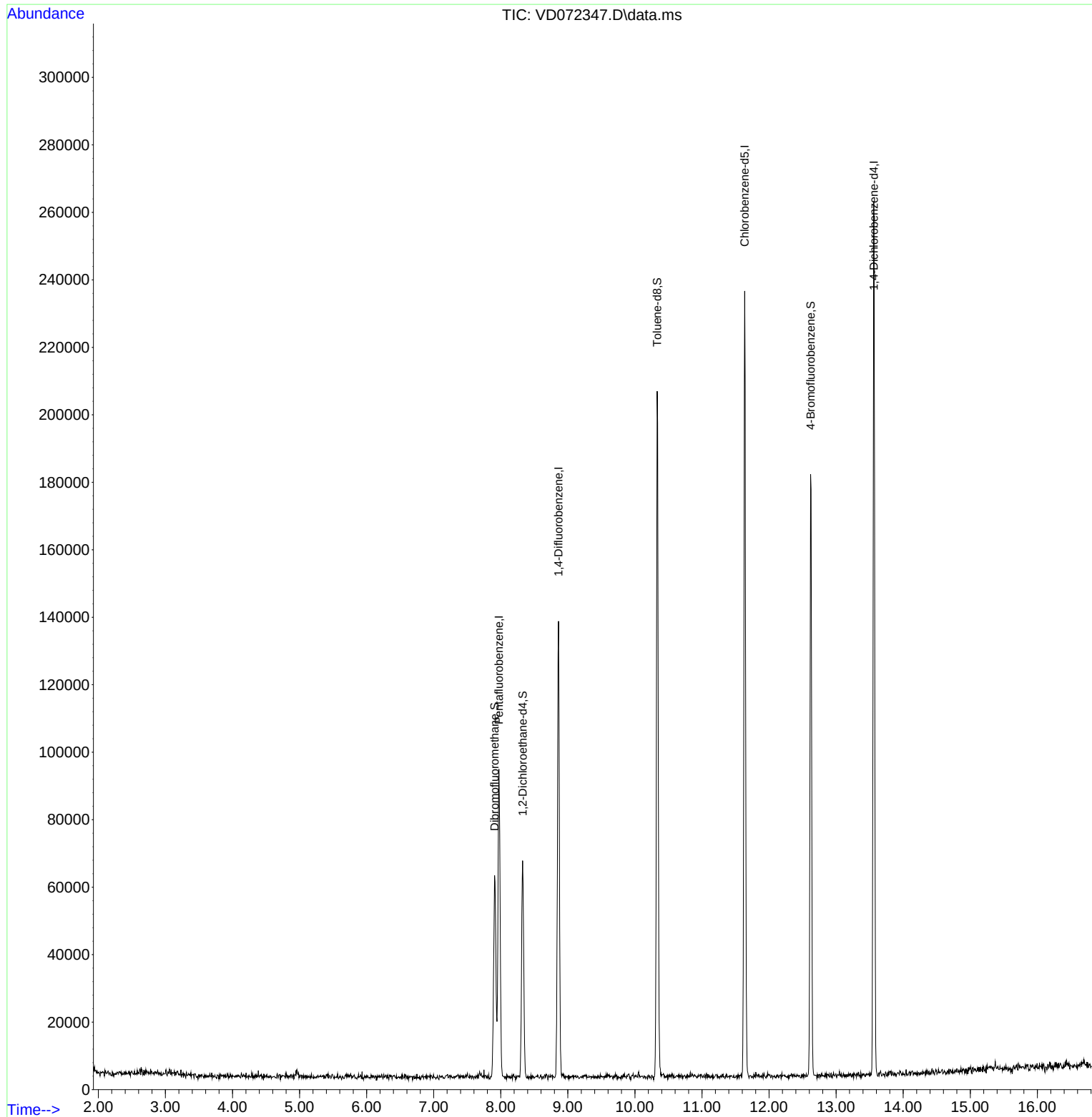
Target Compounds	Qvalue

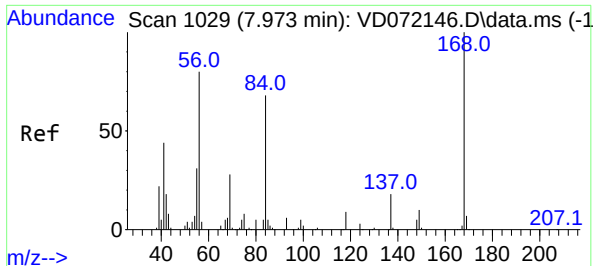
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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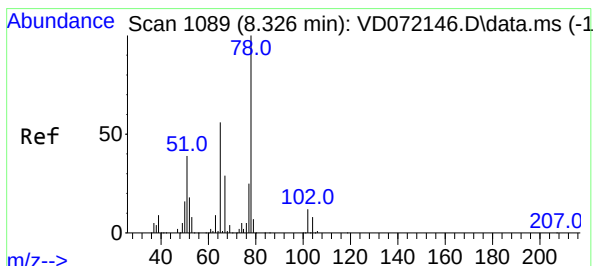
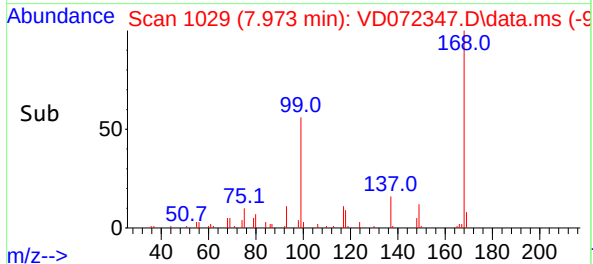
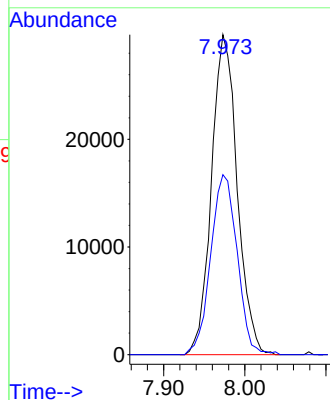
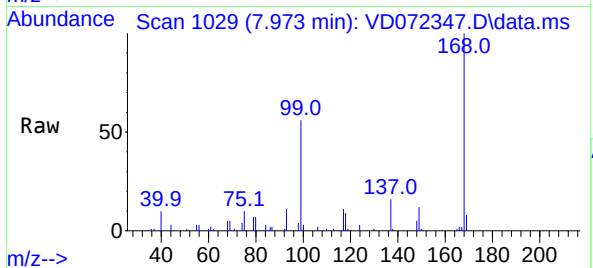




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

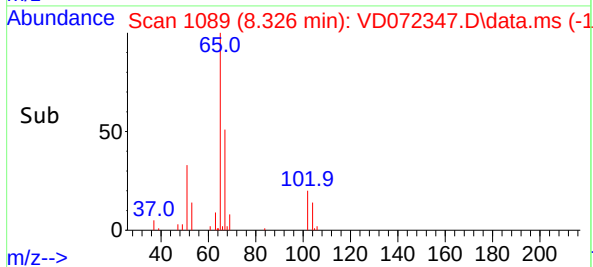
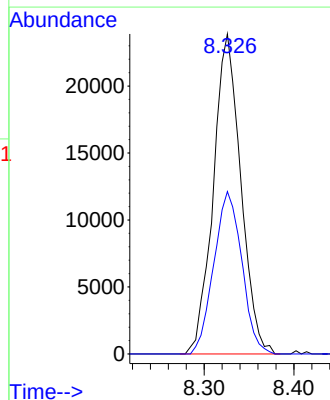
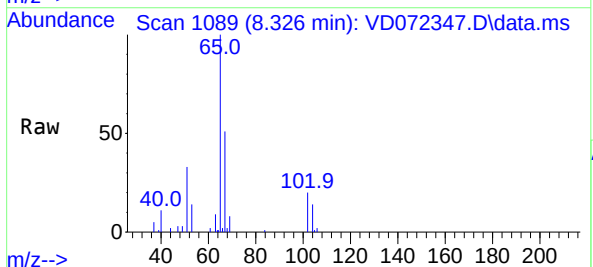
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

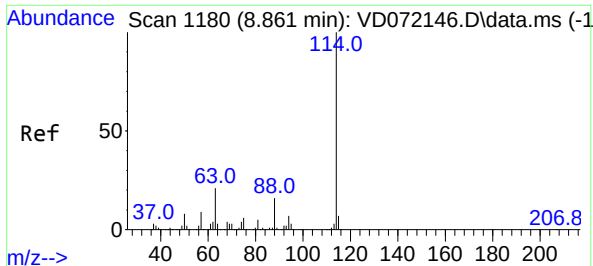
Tgt Ion:168 Resp: 65403
Ion Ratio Lower Upper
168 100
99 56.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 69.681 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 65 Resp: 50789
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

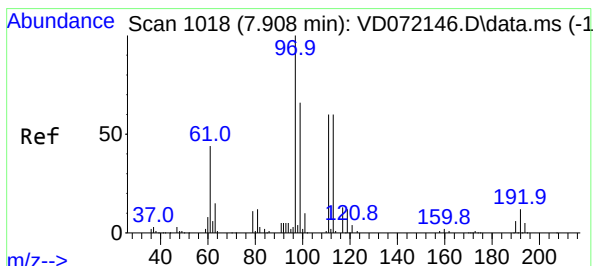
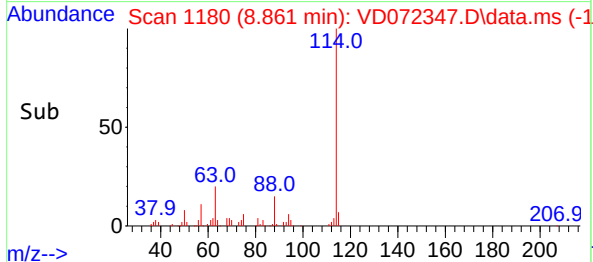
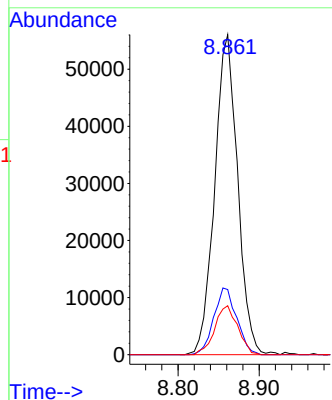
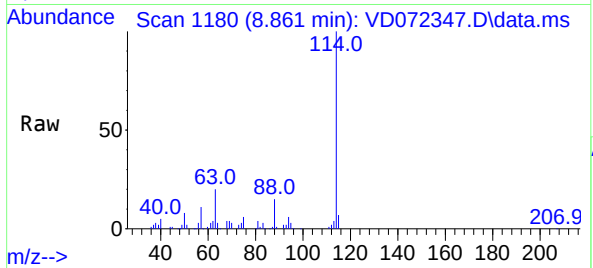




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

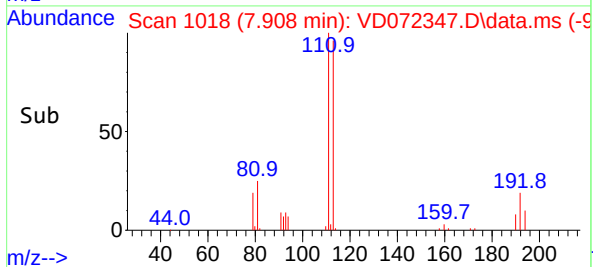
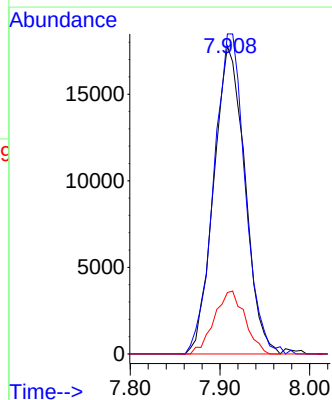
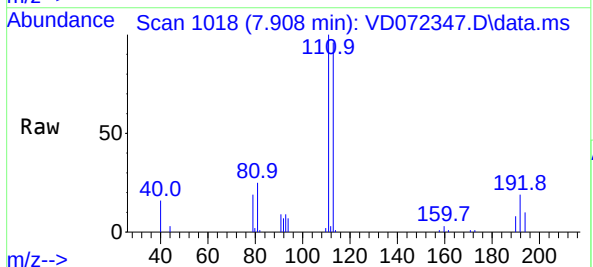
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

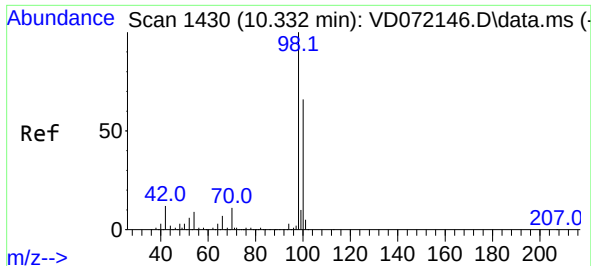
Tgt Ion:	114	Resp:	110055
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.6
88	15.3	0.0	33.2



#35
Dibromofluoromethane
Concen: 55.303 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion:	113	Resp:	42830
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.6
192	20.1	14.6	21.8

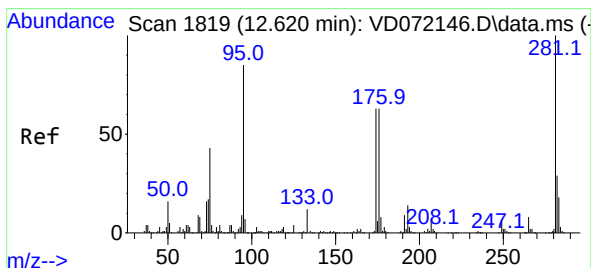
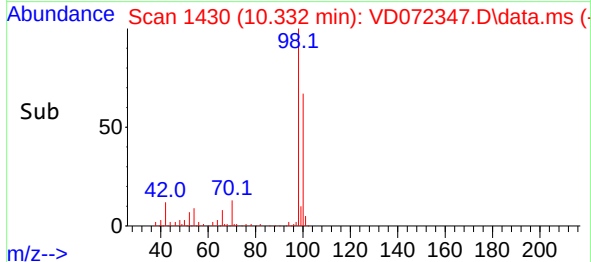
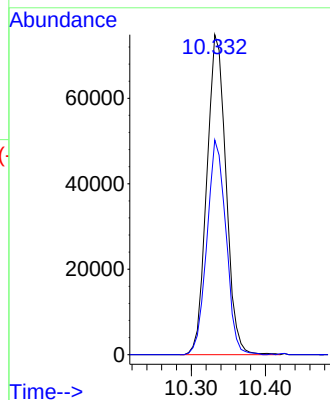
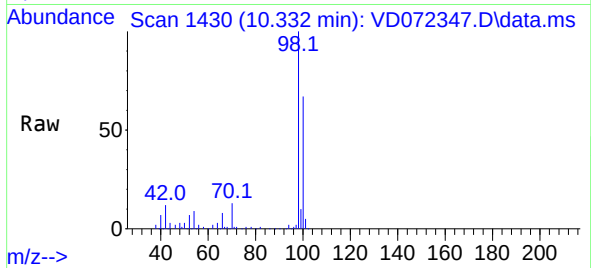




#50
Toluene-d8
Concen: 47.533 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

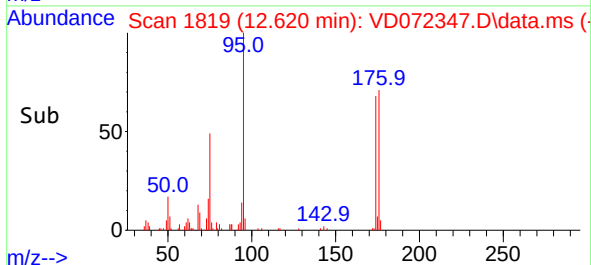
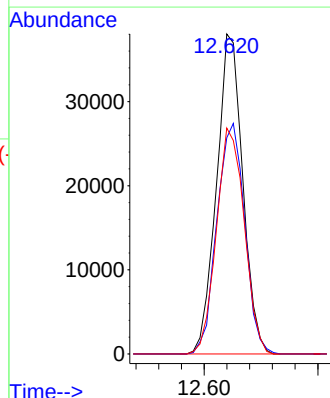
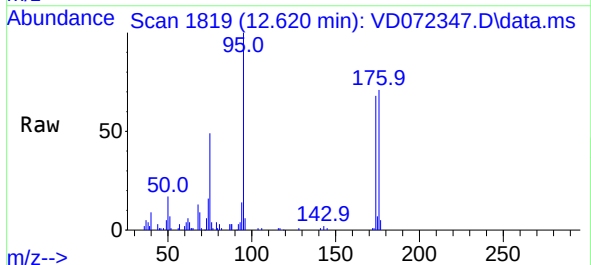
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

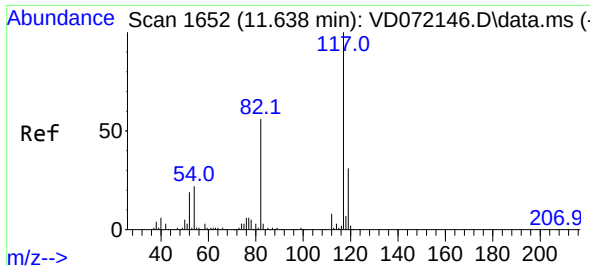
Tgt Ion: 98 Resp: 134606
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 95 Resp: 60892
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.9 0.0 145.4

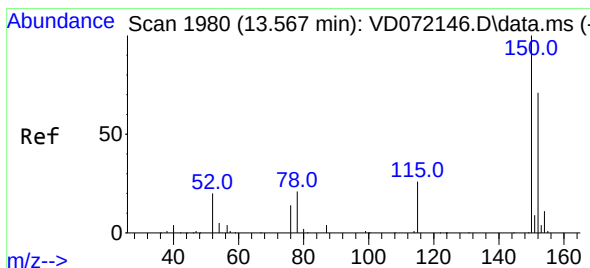
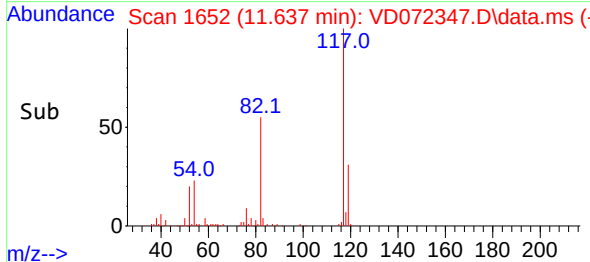
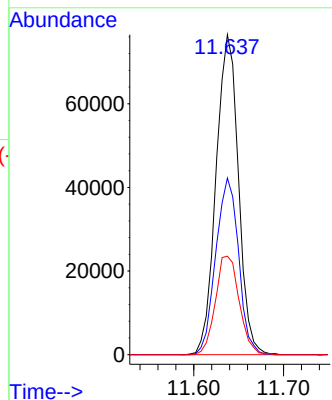
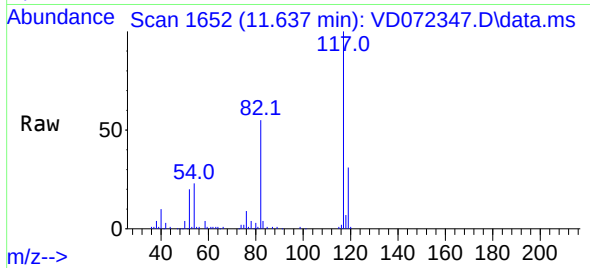




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion:117 Resp: 132362
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion:152 Resp: 68203
Ion Ratio Lower Upper
152 100
115 58.8 31.3 93.8
150 153.4 0.0 348.6

