

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070450.D
 Acq On : 24 Sep 2021 13:04
 Operator : VA/SY
 Sample : M3907-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-206

Quant Time: Sep 25 03:08:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	227132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	391318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165346	56.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.38%
35) Dibromofluoromethane	7.914	113	155867	48.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.64%
50) Toluene-d8	10.338	98	449846	38.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.62%
62) 4-Bromofluorobenzene	12.626	95	117323	28.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.92%

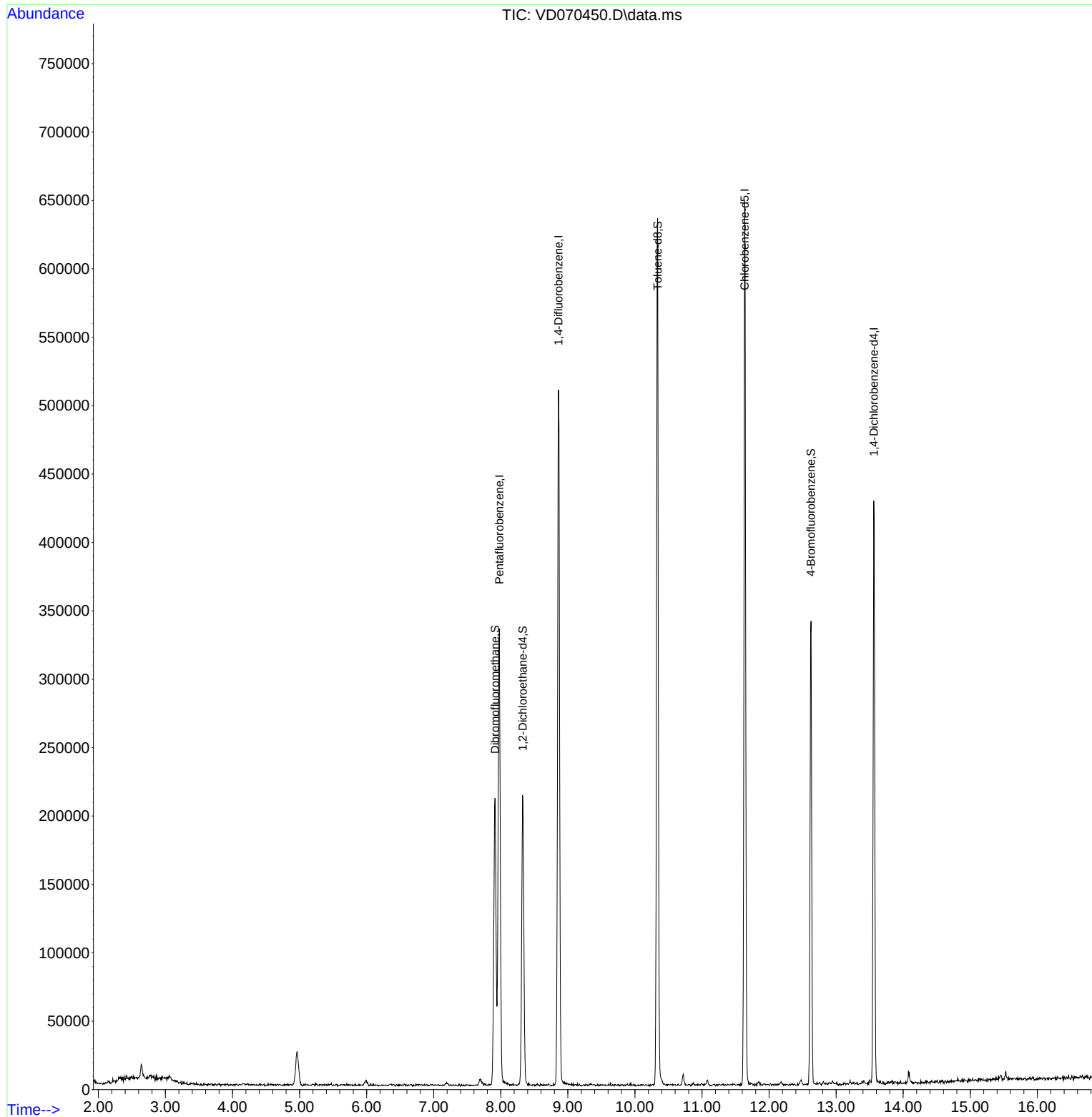
Target Compounds	Qvalue

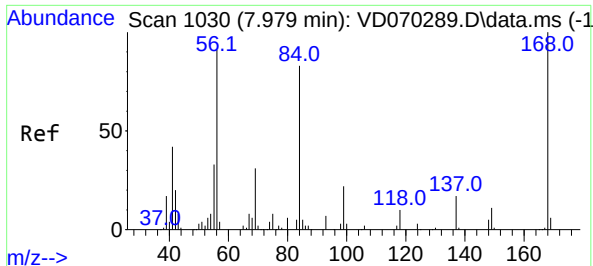
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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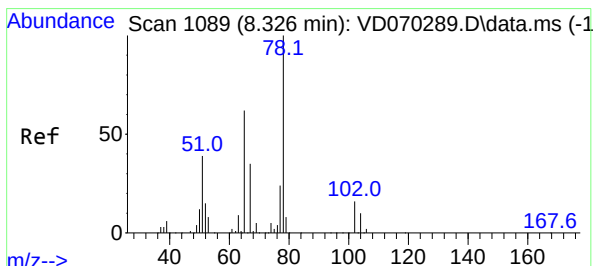
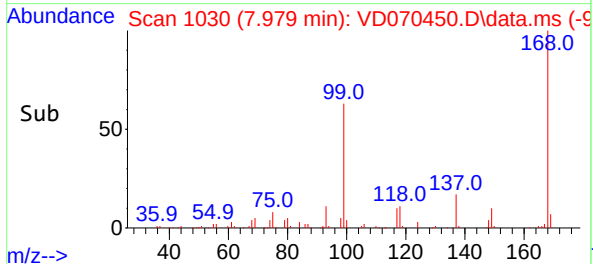
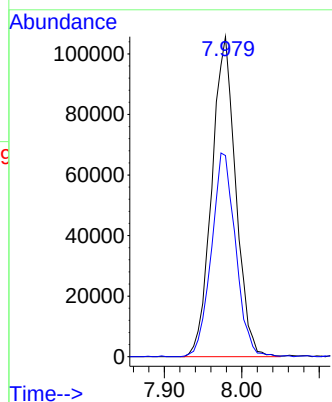
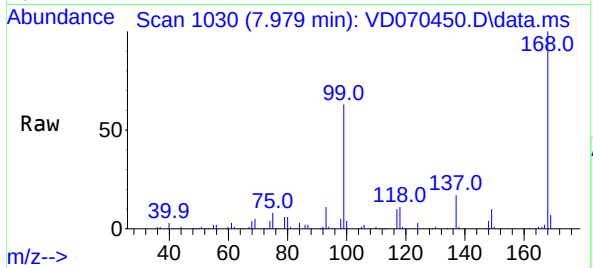




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

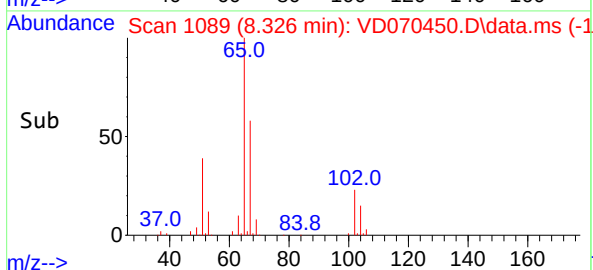
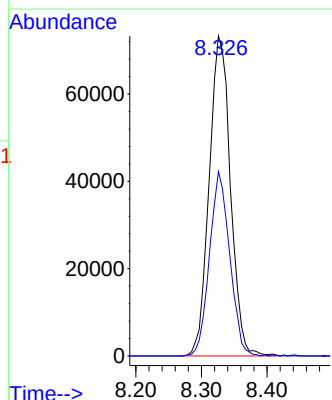
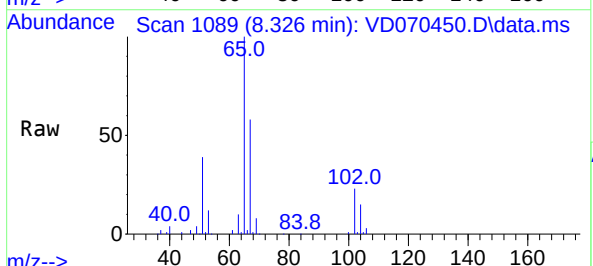
Instrument :
MSVOA_D
ClientSampleId :
RO-206

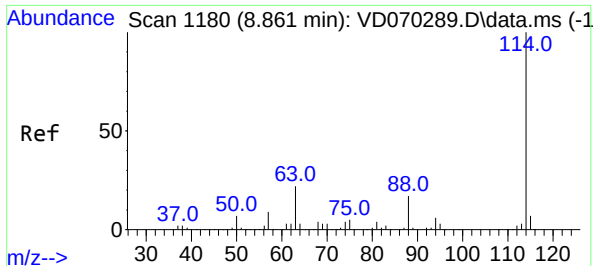
Tgt Ion:168 Resp: 227132
Ion Ratio Lower Upper
168 100
99 62.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 56.69 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 65 Resp: 165346
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.4





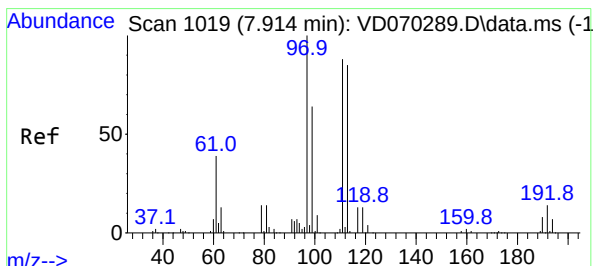
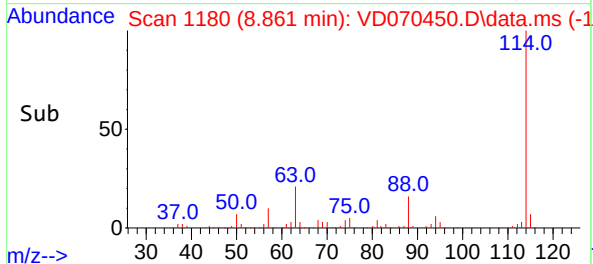
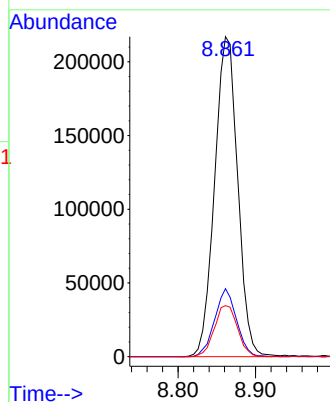
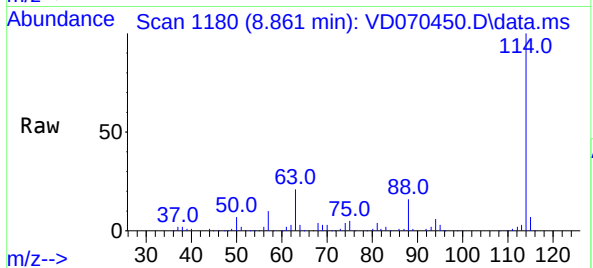
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :
RO-206

Tgt Ion:114 Resp: 448535

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	15.9	0.0	33.4

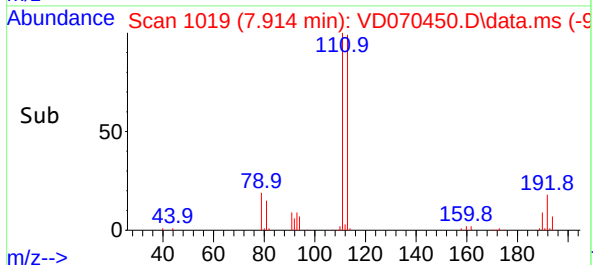
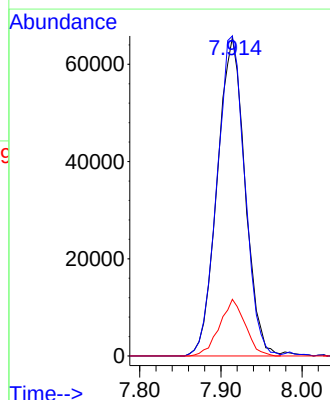
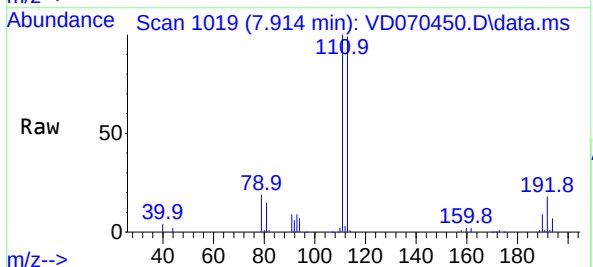


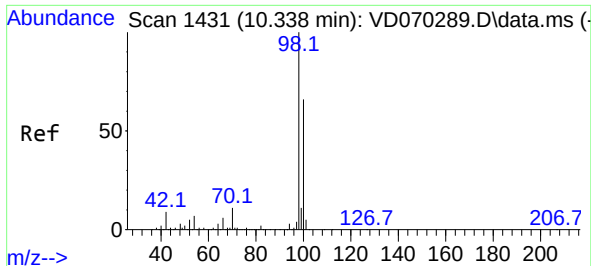
#35

Dibromofluoromethane
Concen: 48.82 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion:113 Resp: 155867

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.4	122.2
192	16.4	13.0	19.6

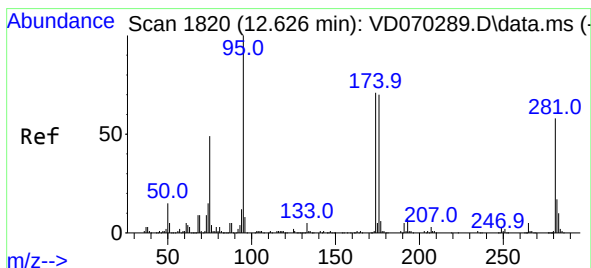
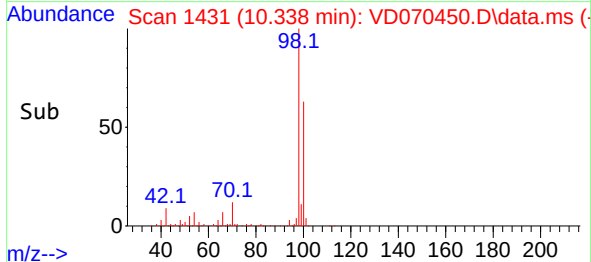
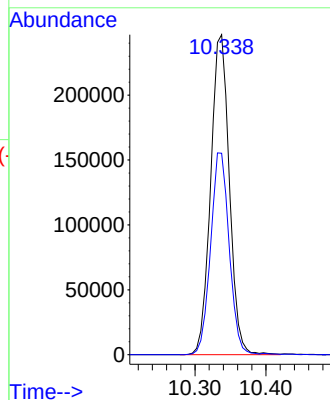
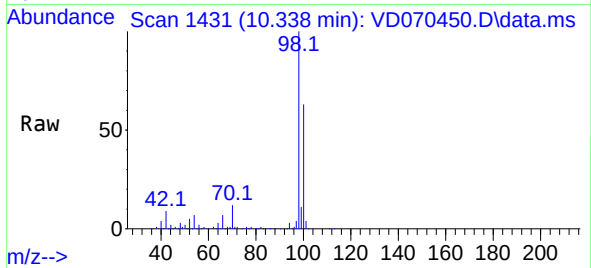




#50
Toluene-d8
Concen: 38.81 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

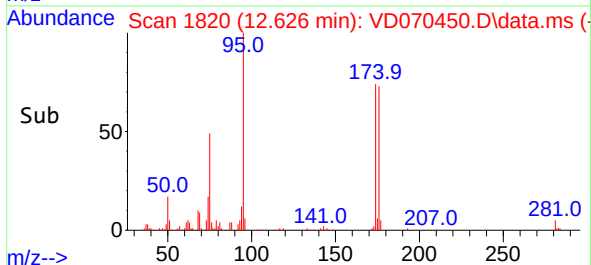
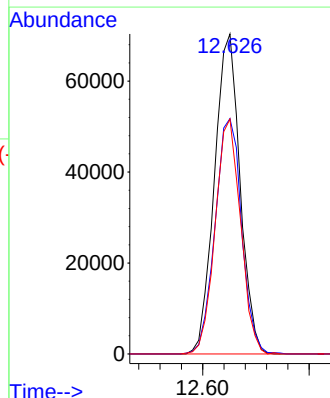
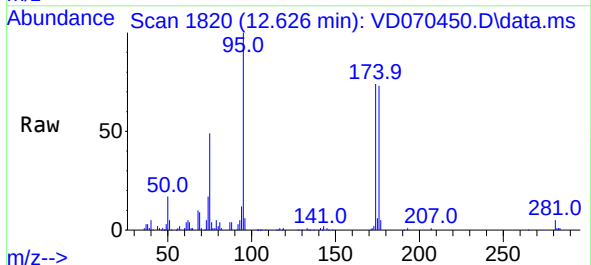
Instrument :
MSVOA_D
ClientSampleId :
RO-206

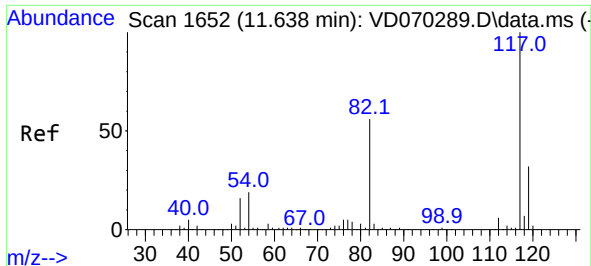
Tgt Ion: 98 Resp: 449846
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 95 Resp: 117323
Ion Ratio Lower Upper
95 100
174 76.4 0.0 140.6
176 72.6 0.0 137.4

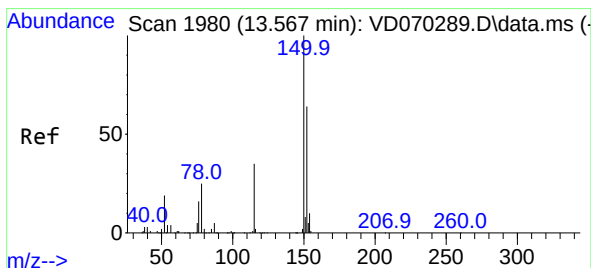
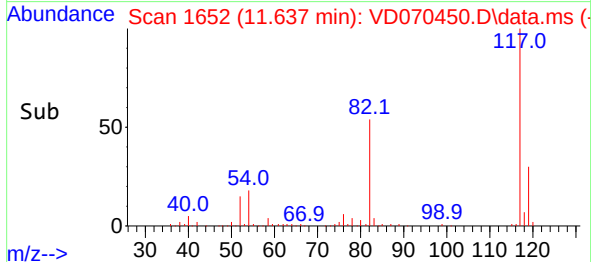
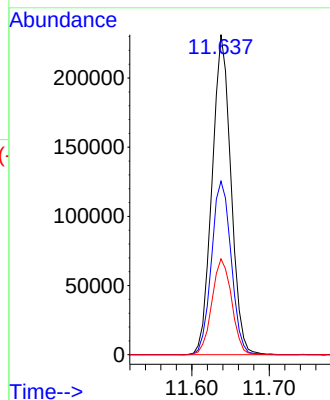
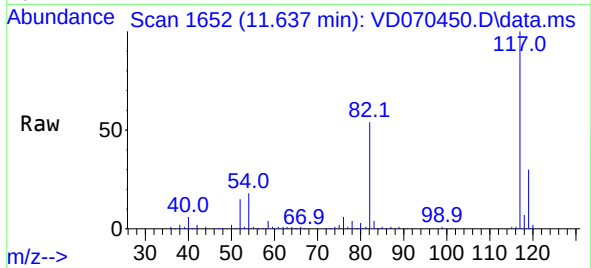




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :
RO-206

Tgt Ion:117 Resp: 391318
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 29.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion:152 Resp: 117016
Ion Ratio Lower Upper
152 100
115 61.1 32.1 96.3
150 156.3 0.0 350.6

