

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070445.D
 Acq On : 24 Sep 2021 10:44
 Operator : VA/SY
 Sample : VD0924SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBL01

Quant Time: Sep 25 03:06:52 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	315724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	613263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	232236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218908	54.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.00%
35) Dibromofluoromethane	7.914	113	221658	50.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.56%
50) Toluene-d8	10.338	98	734672	46.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.70%
62) 4-Bromofluorobenzene	12.626	95	233695	42.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.38%

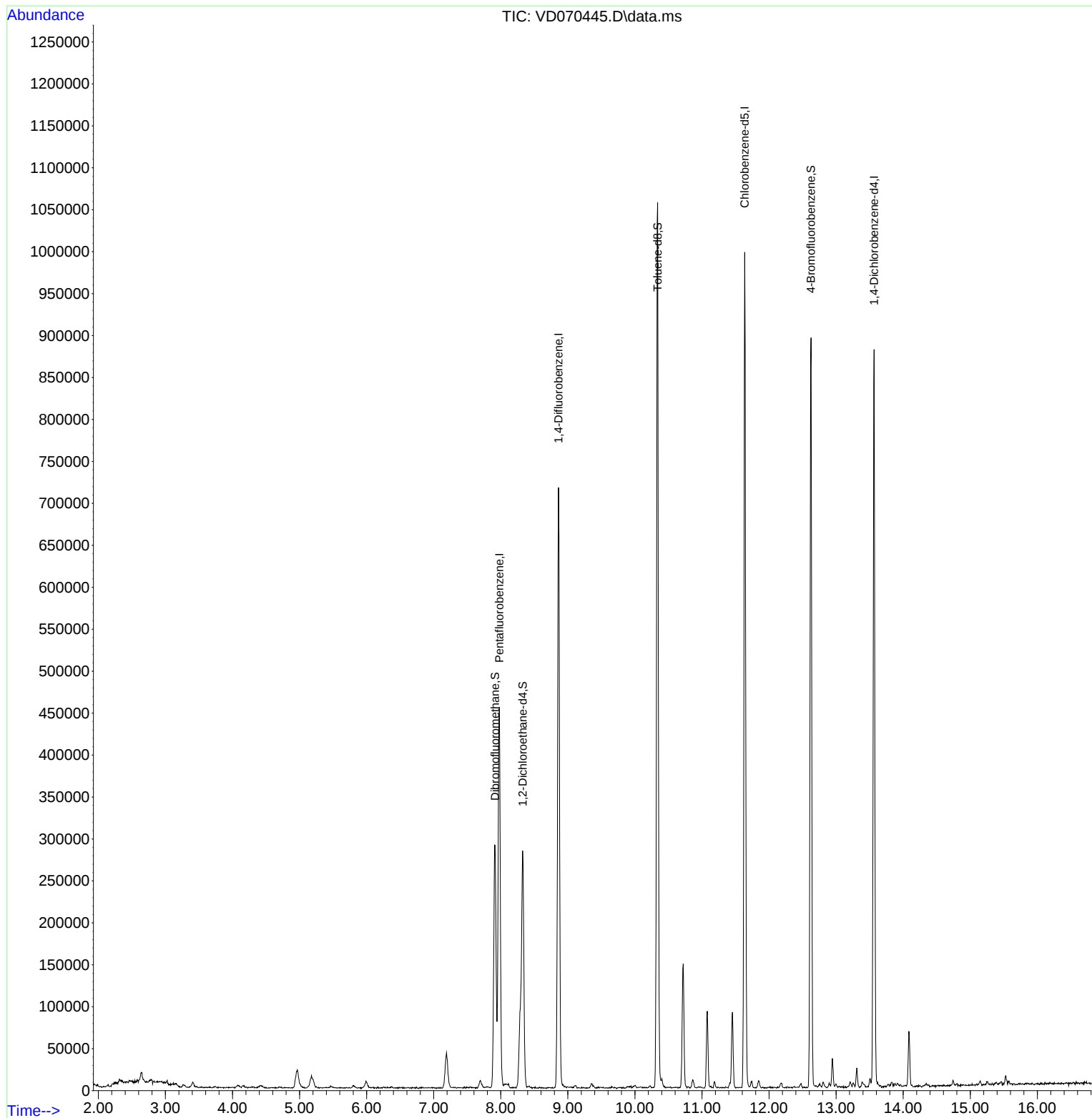
Target Compounds	Qvalue

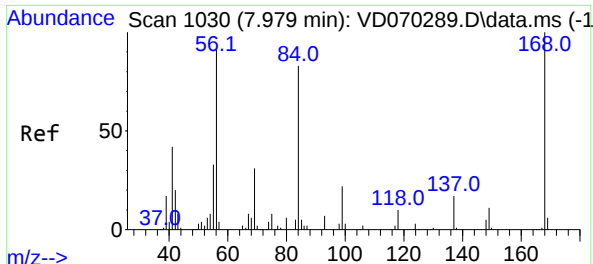
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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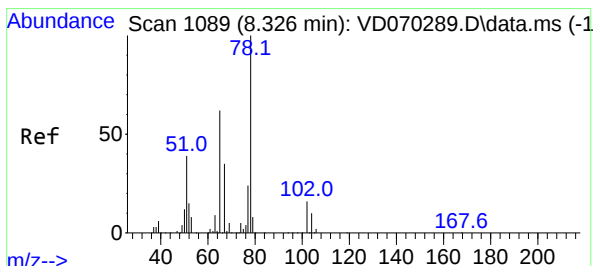
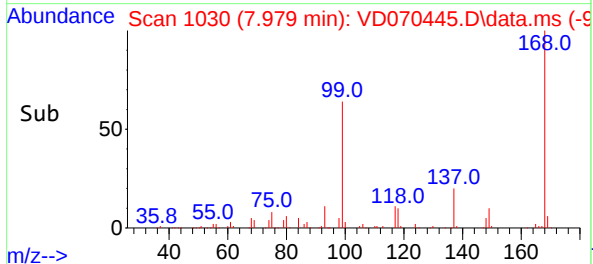
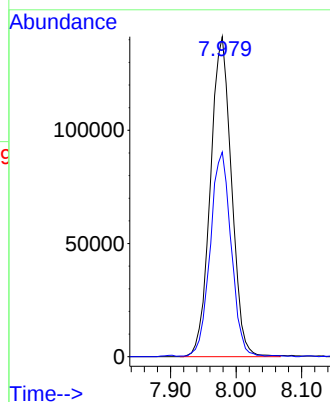
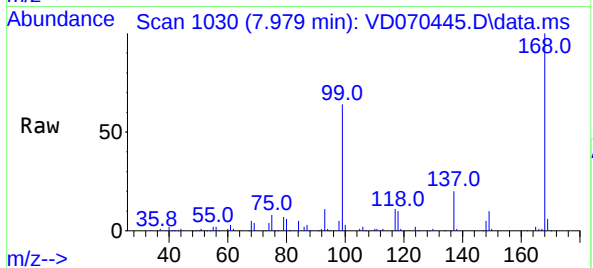




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

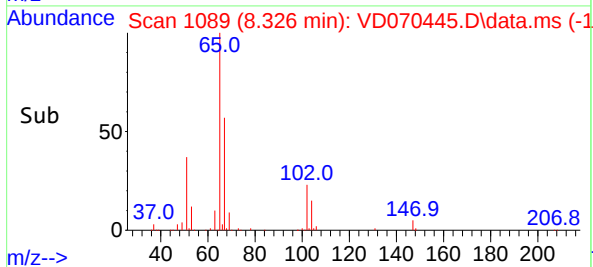
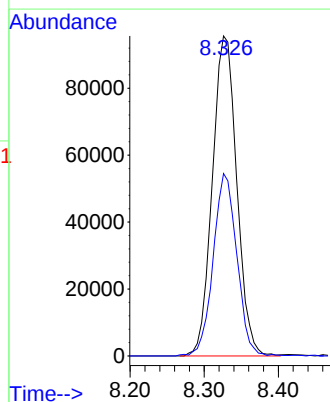
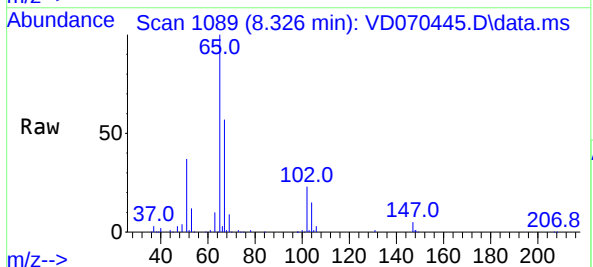
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBL01

Tgt Ion:168 Resp: 315724
Ion Ratio Lower Upper
168 100
99 63.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.00 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 65 Resp: 218908
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.4



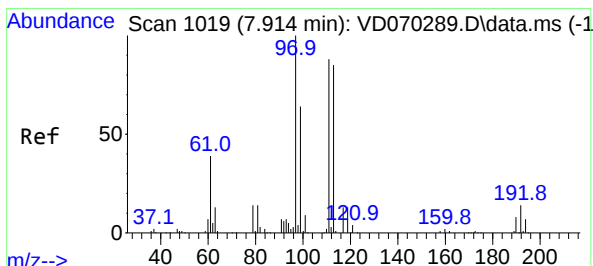
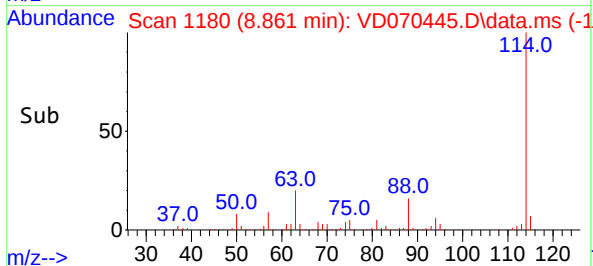
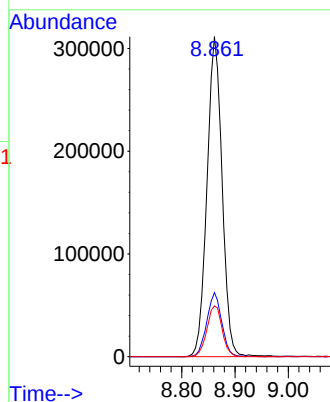
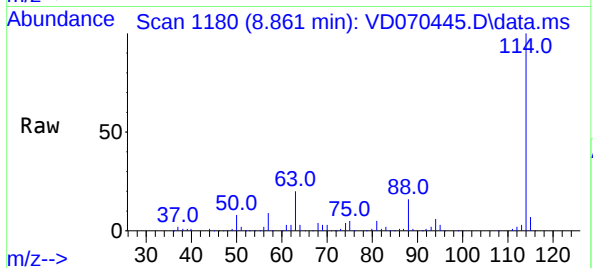


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBL01

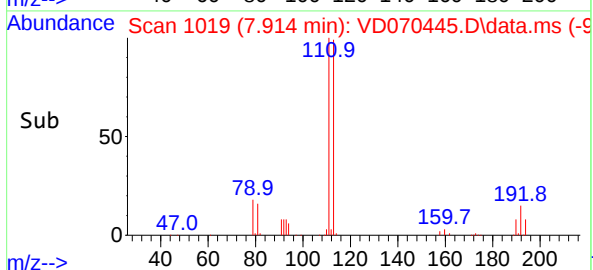
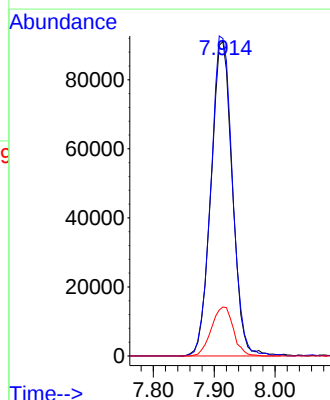
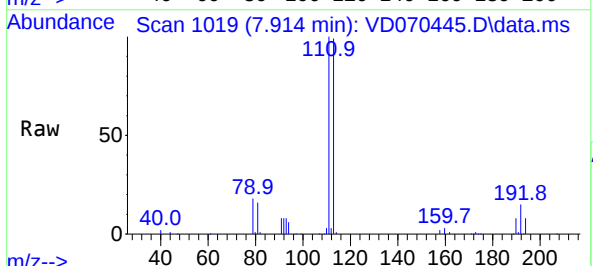
Tgt Ion:114 Resp: 613263
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.4
88 15.8 0.0 33.4

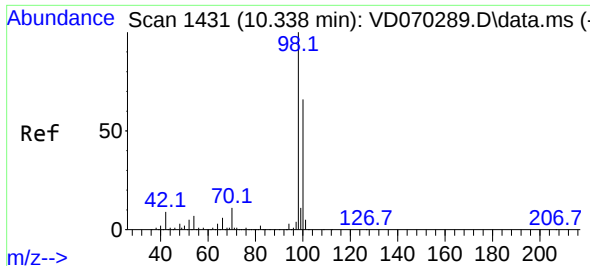


#35

Dibromofluoromethane
Concen: 50.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion:113 Resp: 221658
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 16.0 13.0 19.6

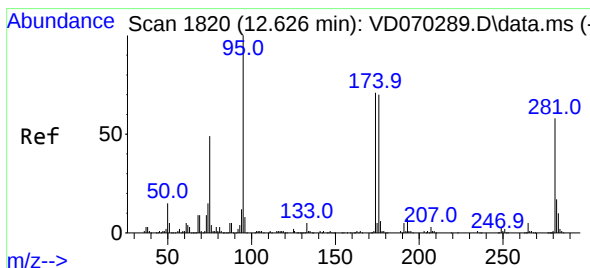
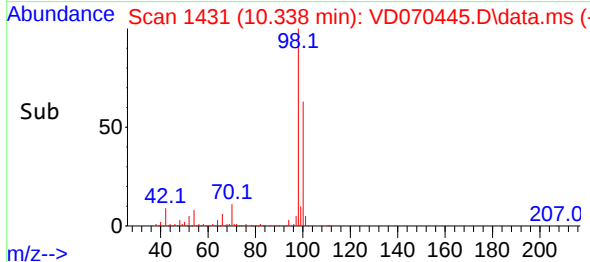
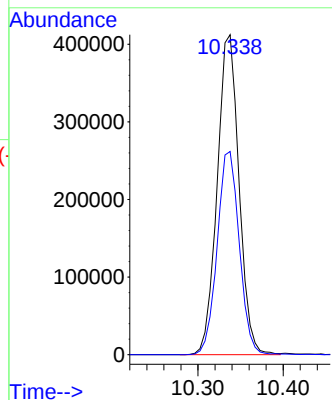
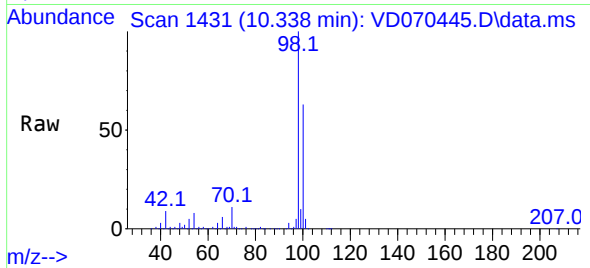




#50
Toluene-d8
Concen: 46.35 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

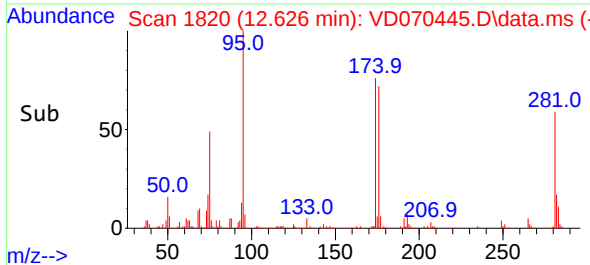
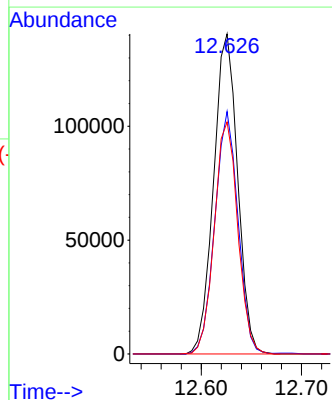
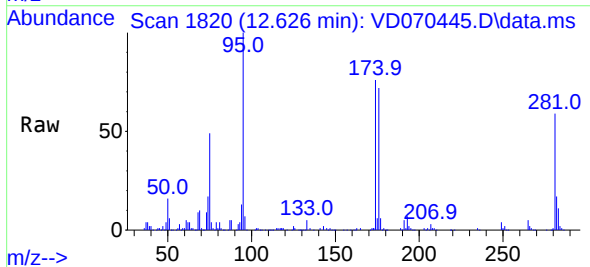
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBL01

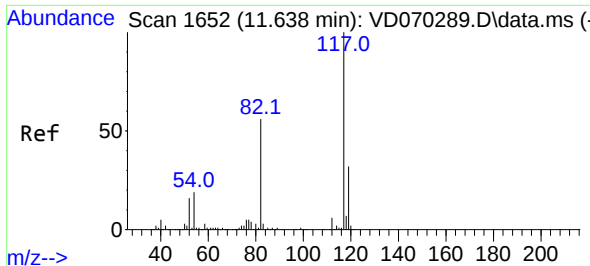
Tgt Ion: 98 Resp: 734672
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.19 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion: 95 Resp: 233695
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.6
176 70.9 0.0 137.4

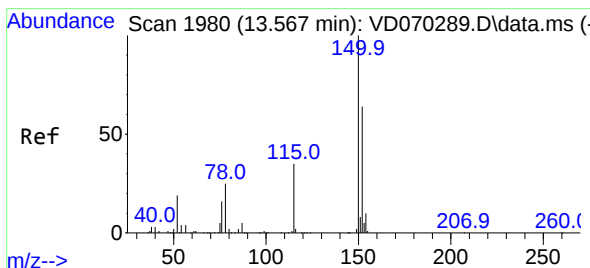
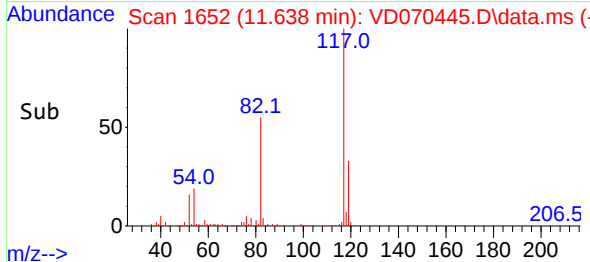
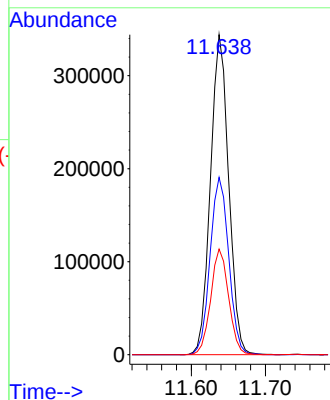
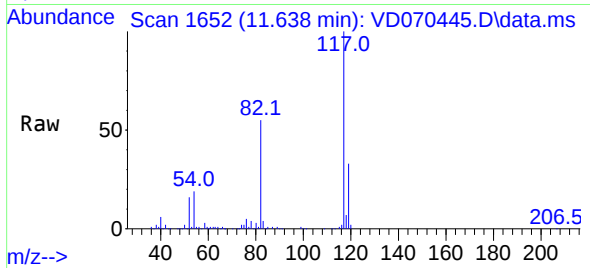




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBL01

Tgt Ion:	117	Resp:	587023
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	33.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070445.D
Acq: 24 Sep 2021 10:44

Tgt Ion:	152	Resp:	232236
Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.1	96.3
150	159.8	0.0	350.6

