

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070878.D
 Acq On : 27 Oct 2021 23:20
 Operator : VA/SY
 Sample : VD1027SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBL02

Quant Time: Oct 28 04:03:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	427830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	747016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	696257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	332138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205706	47.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.908	113	255157	51.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.332	98	908724	49.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.620	95	291734	47.716	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.440%

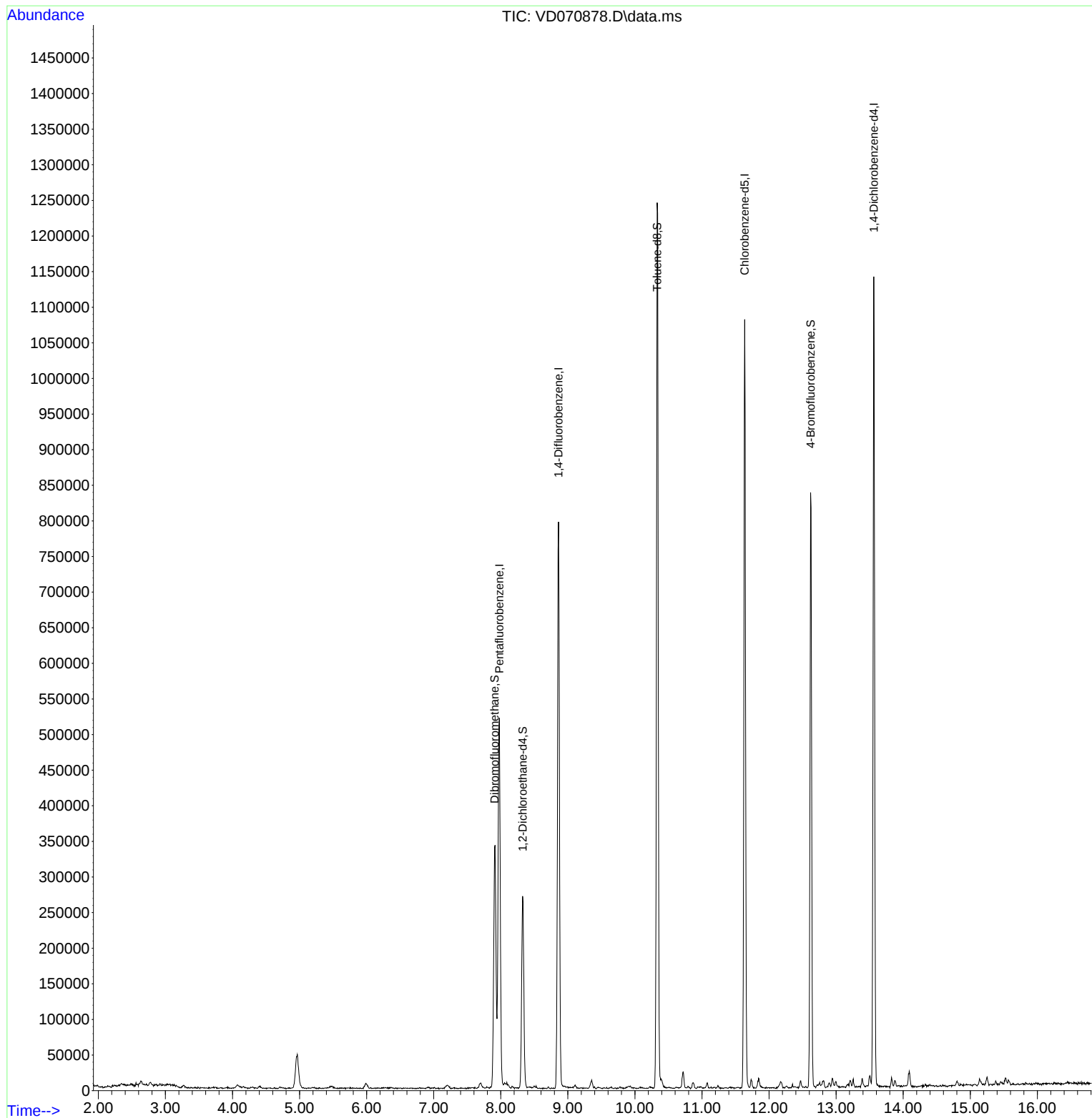
Target Compounds	Qvalue

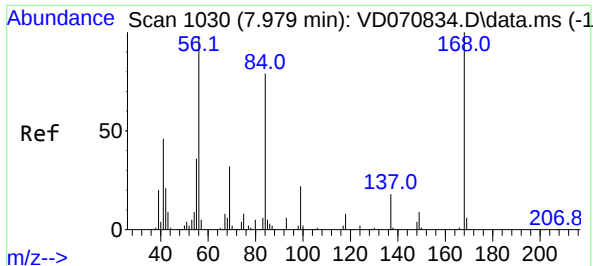
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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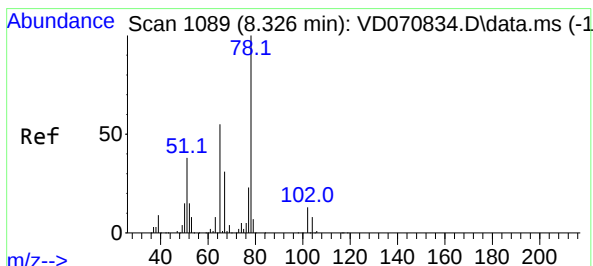
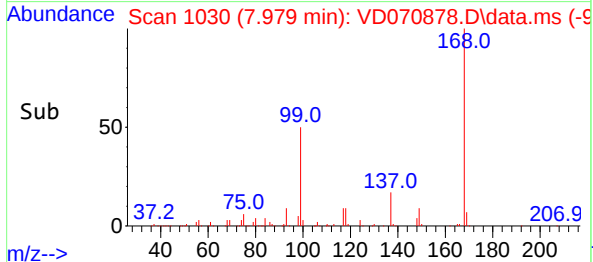
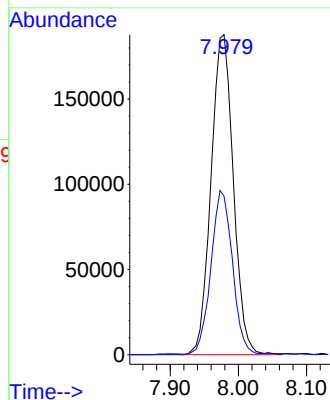
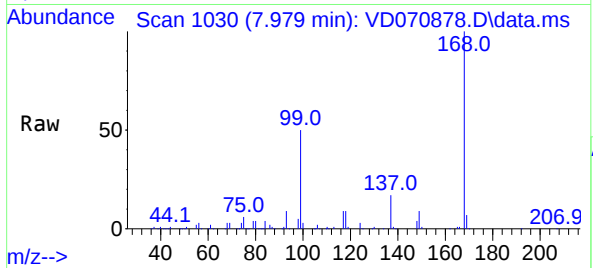




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

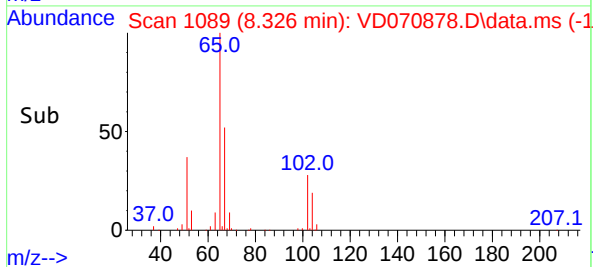
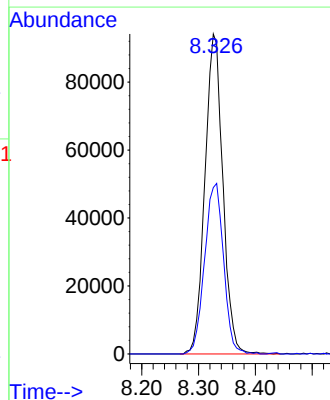
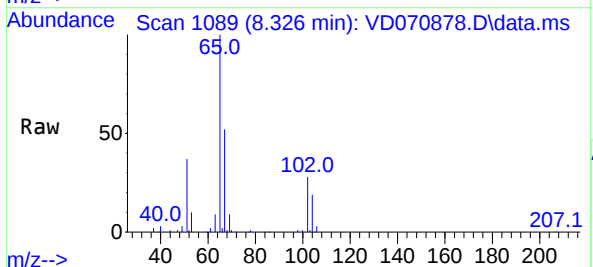
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL02

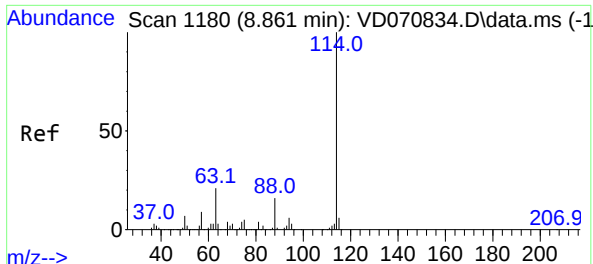
Tgt Ion:168 Resp: 427830
Ion Ratio Lower Upper
168 100
99 49.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 47.806 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

Tgt Ion: 65 Resp: 205706
Ion Ratio Lower Upper
65 100
67 56.4 0.0 112.2



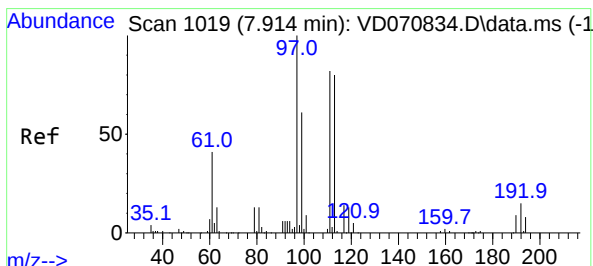
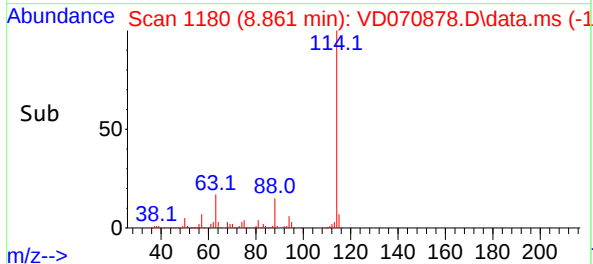
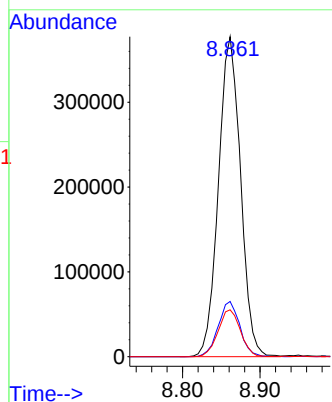
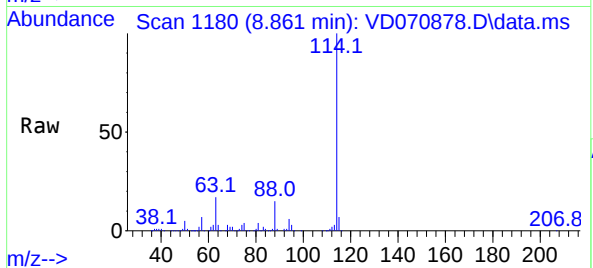


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL02

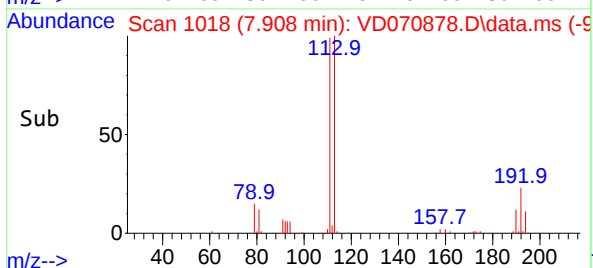
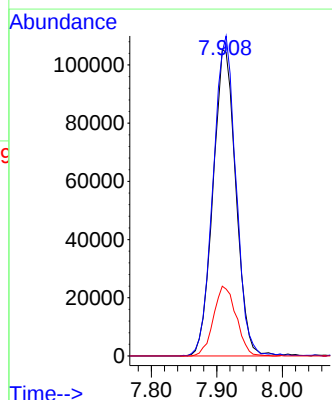
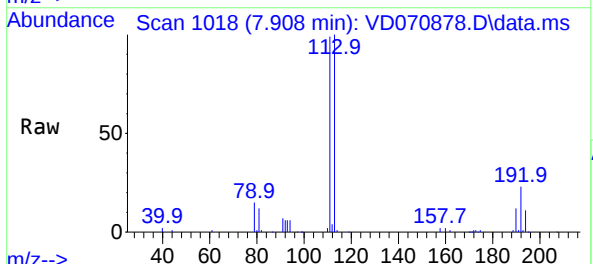
Tgt Ion:114 Resp: 747016
Ion Ratio Lower Upper
114 100
63 17.2 0.0 41.8
88 14.6 0.0 32.8

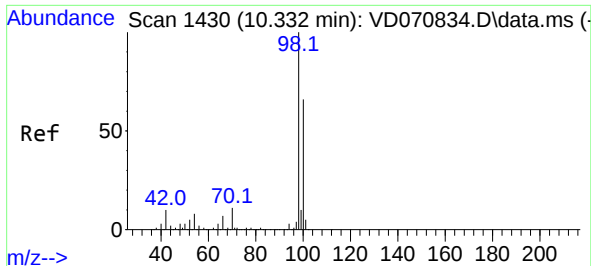


#35

Dibromofluoromethane
Concen: 51.804 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

Tgt Ion:113 Resp: 255157
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 22.6 15.2 22.8

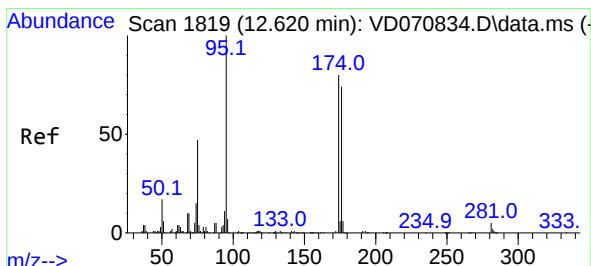
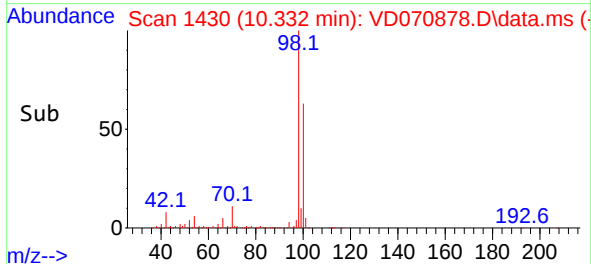
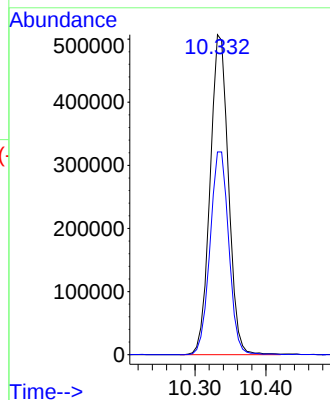
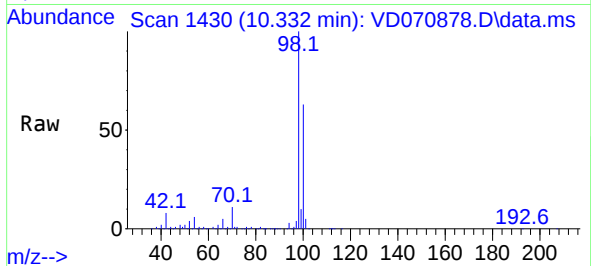




#50
Toluene-d8
Concen: 49.040 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

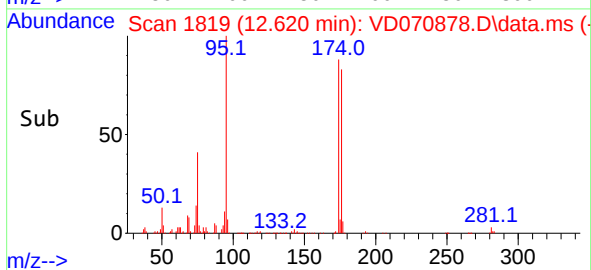
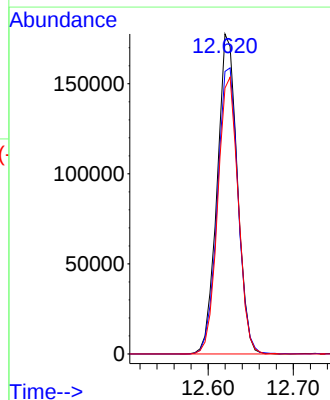
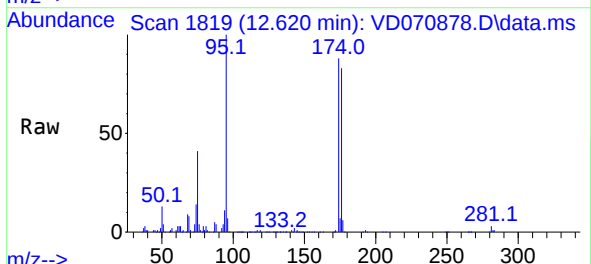
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL02

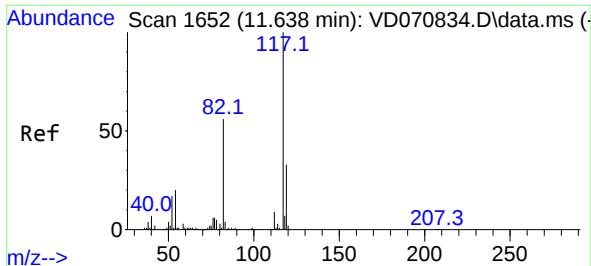
Tgt Ion: 98 Resp: 908724
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.716 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

Tgt Ion: 95 Resp: 291734
Ion Ratio Lower Upper
95 100
174 92.2 0.0 159.4
176 87.5 0.0 154.0

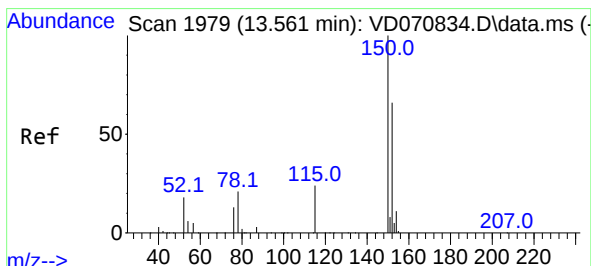
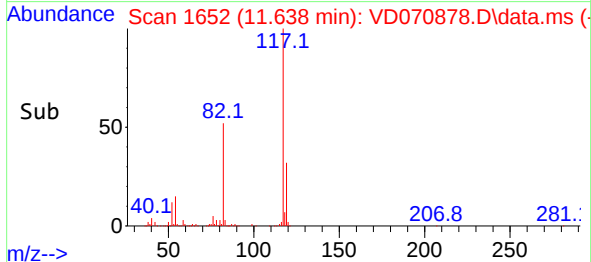
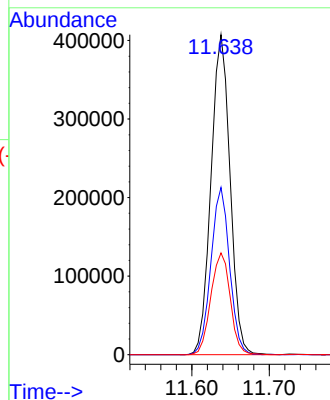
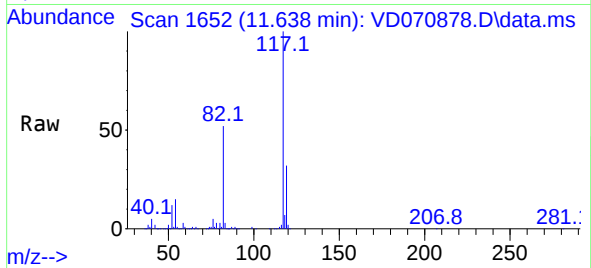




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL02

Tgt Ion:117 Resp: 696257
Ion Ratio Lower Upper
117 100
82 52.3 44.7 67.1
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070878.D
Acq: 27 Oct 2021 23:20

Tgt Ion:152 Resp: 332138
Ion Ratio Lower Upper
152 100
115 55.2 29.8 89.3
150 156.4 0.0 349.2

