

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070376.D
 Acq On : 20 Sep 2021 11:27
 Operator : VA/SY
 Sample : VD0920SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0920SBL01

Quant Time: Sep 21 03:32:28 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	7.973	168	318396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	787953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	384875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184760	45.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.380%
35) Dibromofluoromethane	7.914	113	216586	48.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.338	98	847163	51.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.626	95	380760	66.804	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.600%

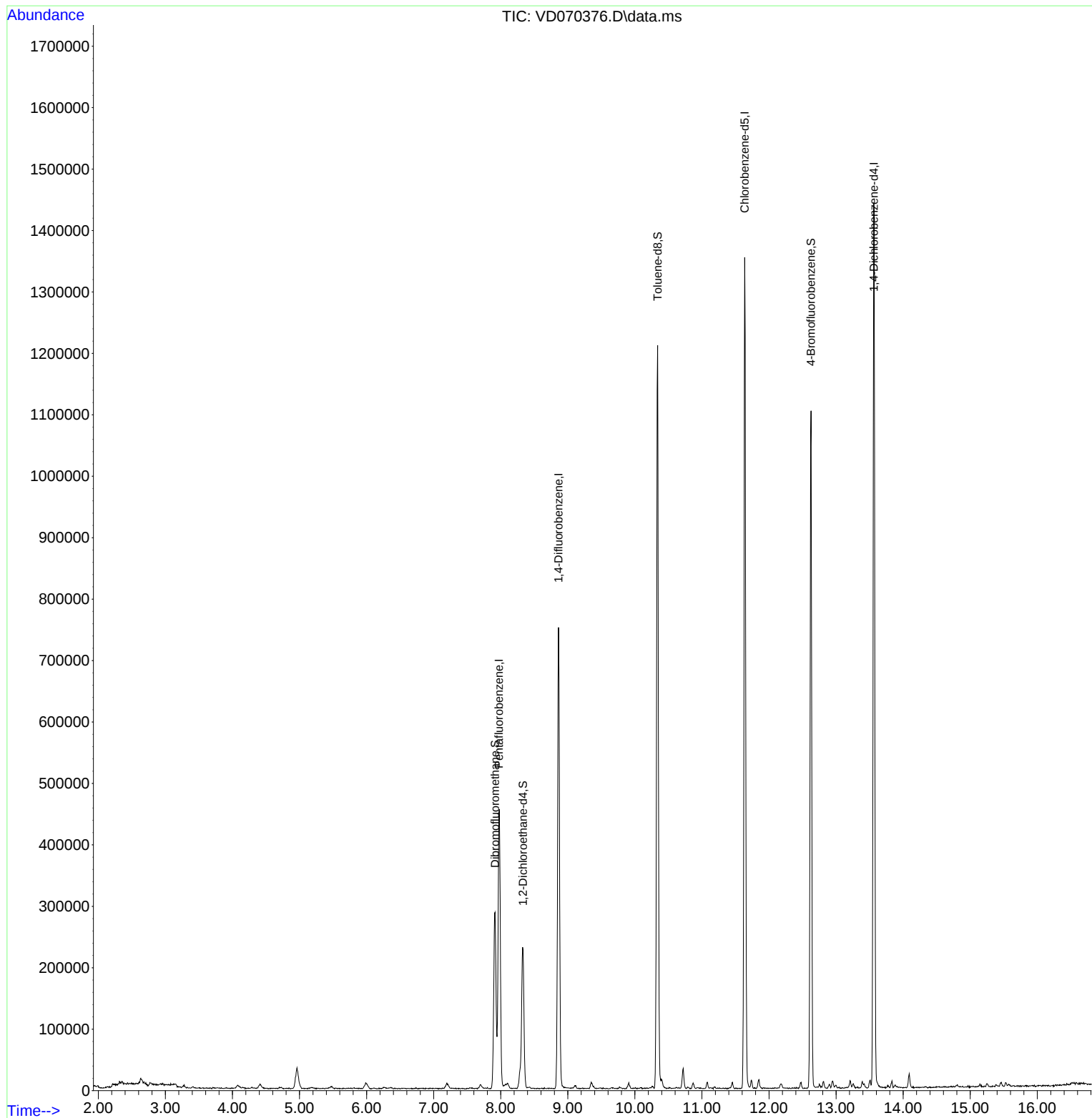
Target Compounds	Qvalue

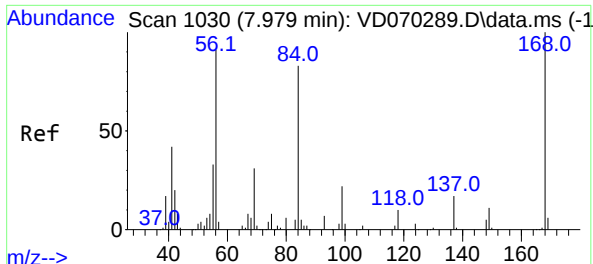
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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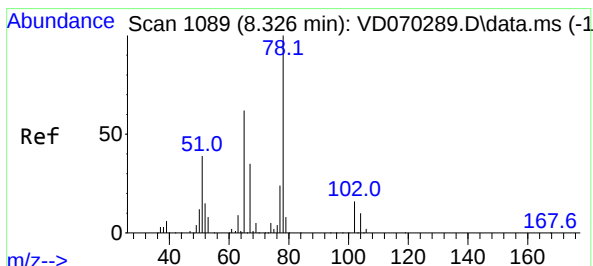
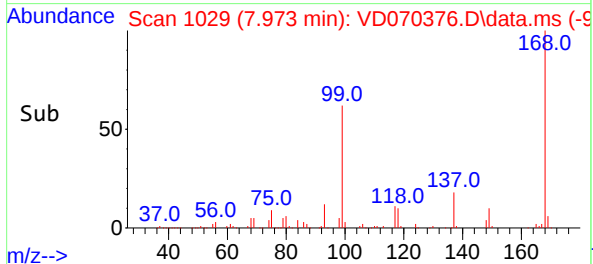
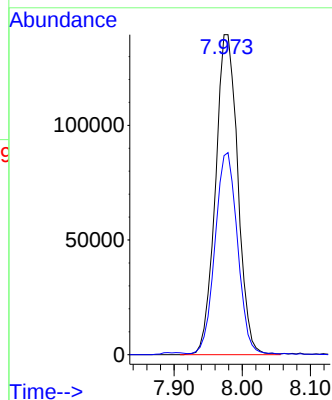
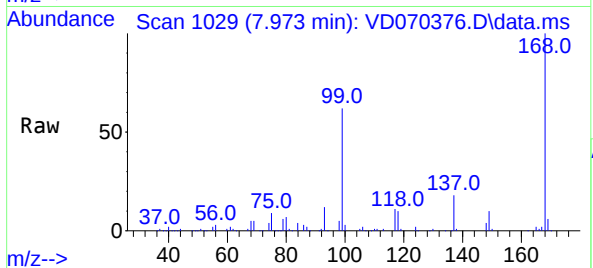




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

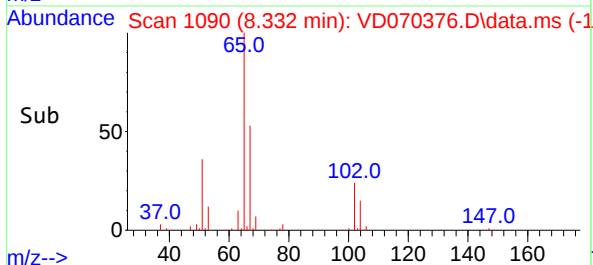
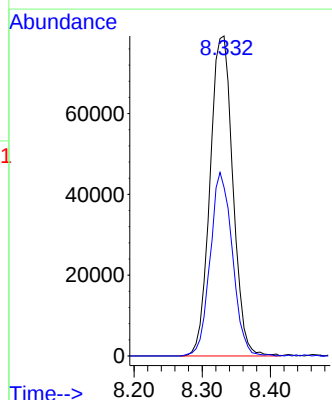
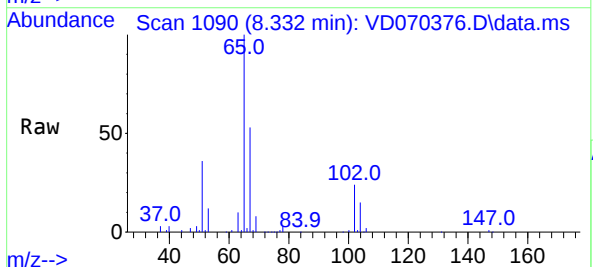
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

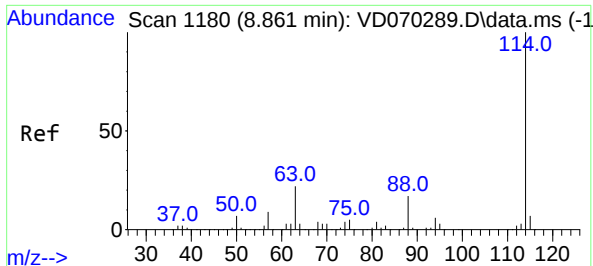
Tgt Ion:168 Resp: 318396
Ion Ratio Lower Upper
168 100
99 61.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 45.193 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

Tgt Ion: 65 Resp: 184760
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.4

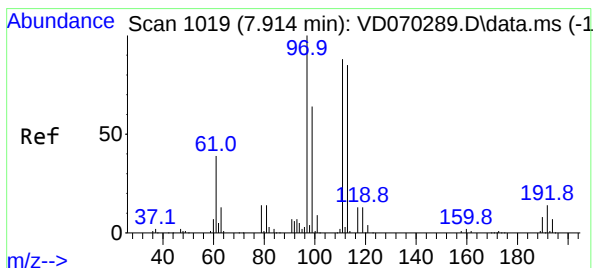
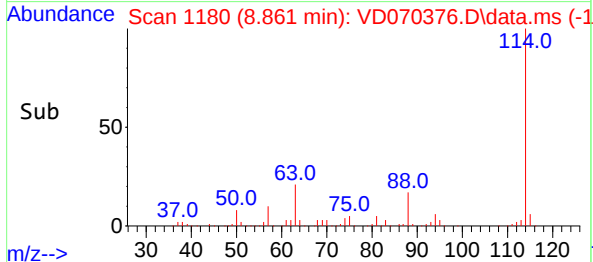
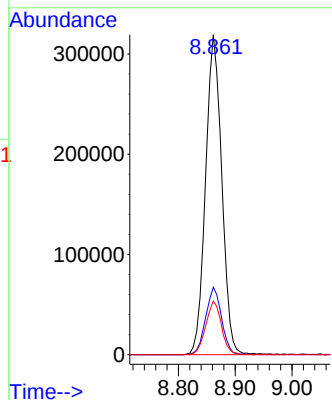
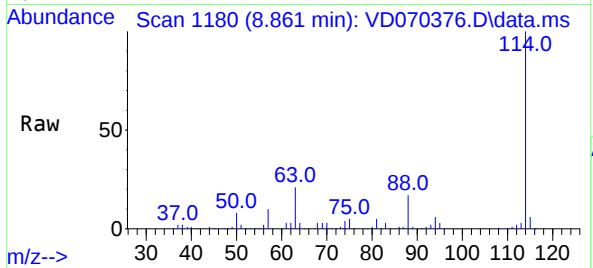




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

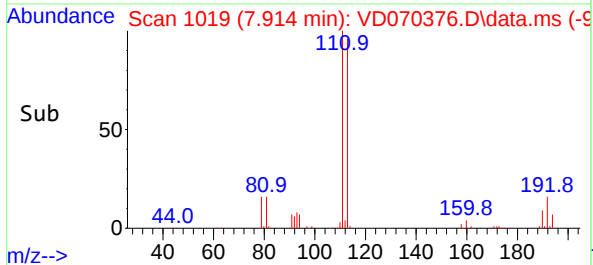
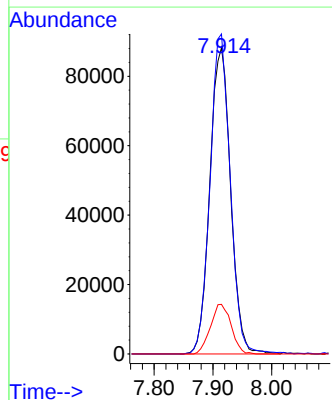
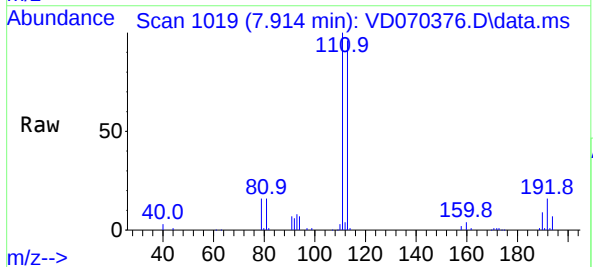
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

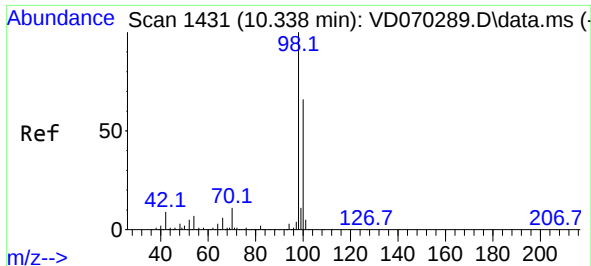
Tgt Ion:114 Resp: 631039
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

Tgt Ion:113 Resp: 216586
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 16.1 13.0 19.6

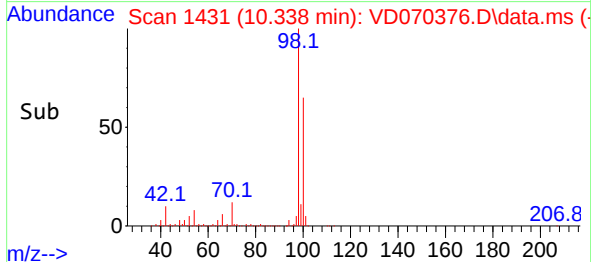
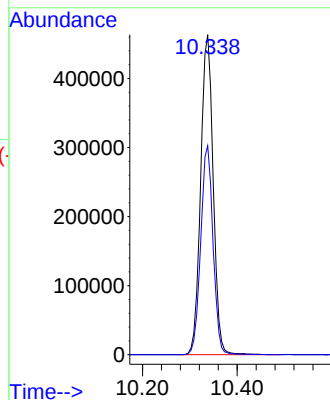
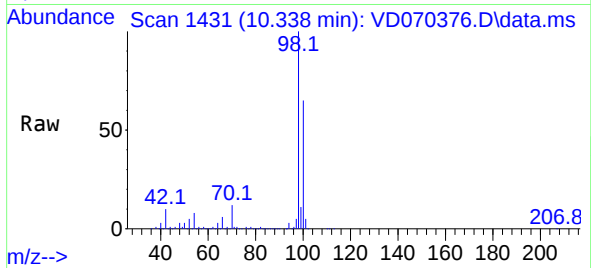




#50
Toluene-d8
Concen: 51.945 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

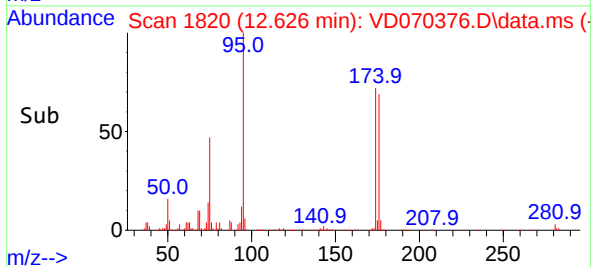
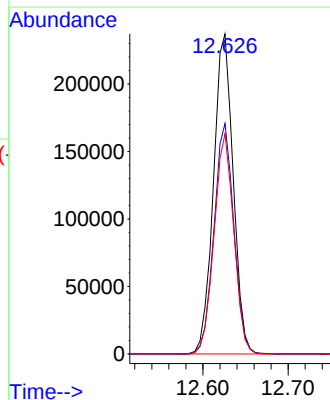
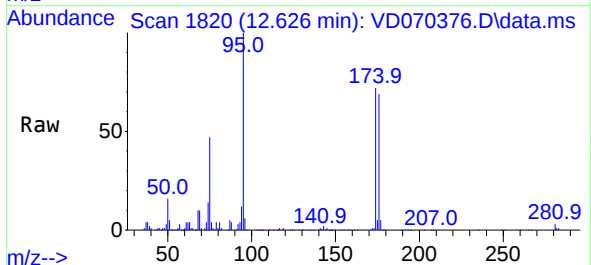
Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

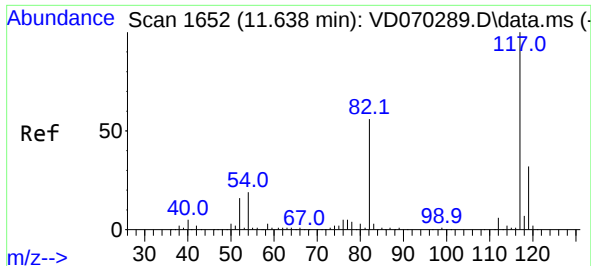
Tgt Ion: 98 Resp: 847163
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 66.804 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

Tgt Ion: 95 Resp: 380760
Ion Ratio Lower Upper
95 100
174 72.8 0.0 140.6
176 68.6 0.0 137.4

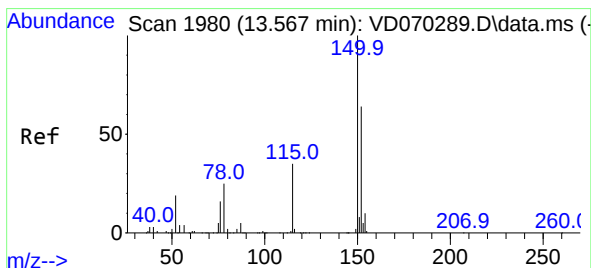
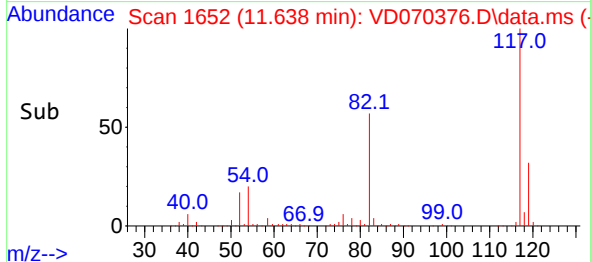
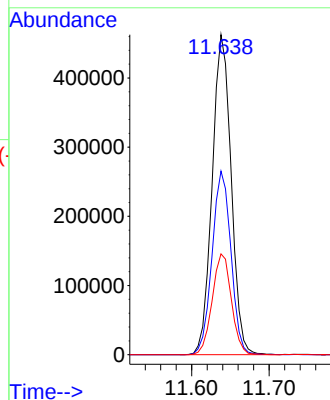
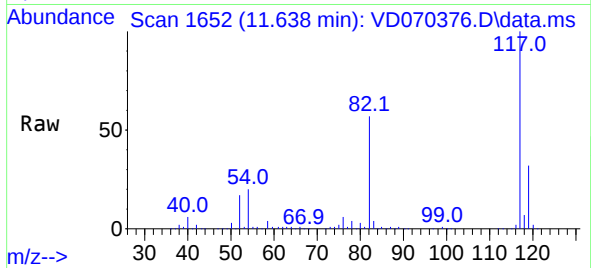




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

Instrument :
MSVOA_D
ClientSampleId :
VD0920SBL01

Tgt Ion:117 Resp: 787953
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070376.D
Acq: 20 Sep 2021 11:27

Tgt Ion:152 Resp: 384875
Ion Ratio Lower Upper
152 100
115 63.0 32.1 96.3
150 157.3 0.0 350.6

