

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071397.D
 Acq On : 20 Dec 2021 19:15
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 20 20:55:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	762989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1298588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1124707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	499816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	436495	48.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.914	113	404877	48.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.332	98	1619796	51.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.620	95	537828	49.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.600%

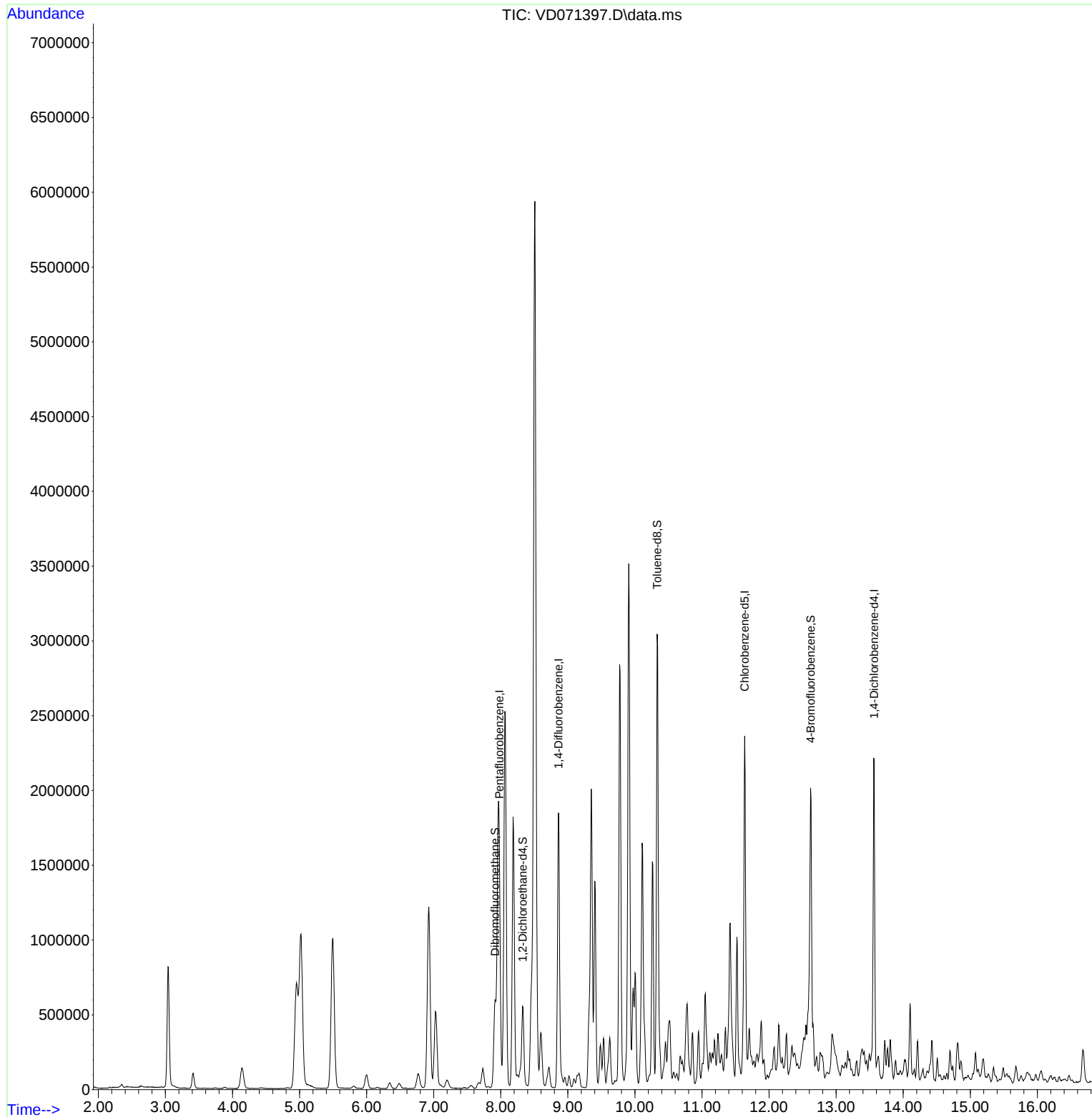
Target Compounds	Qvalue

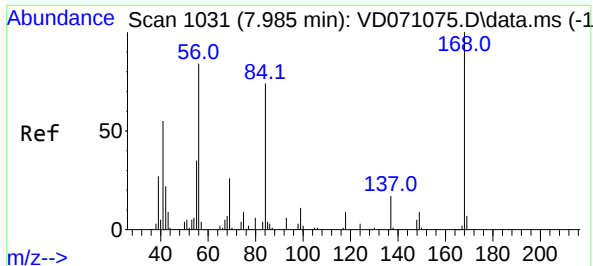
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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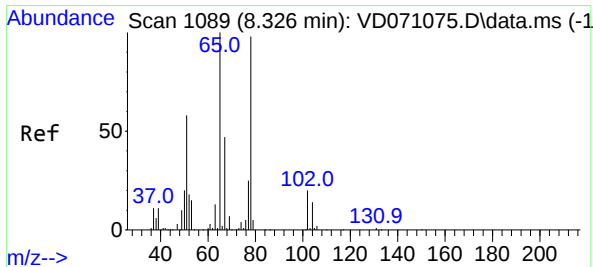
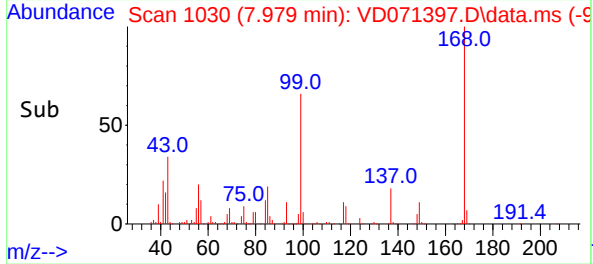
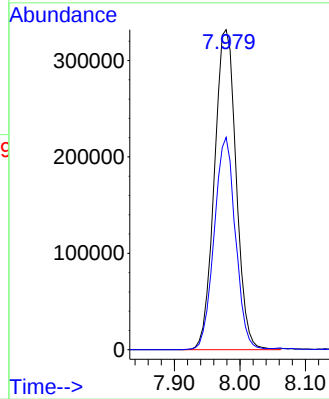
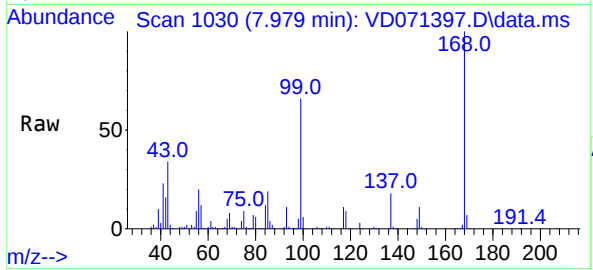




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

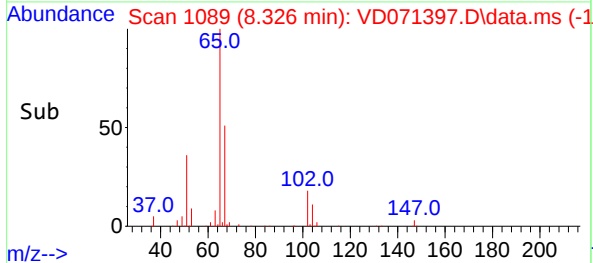
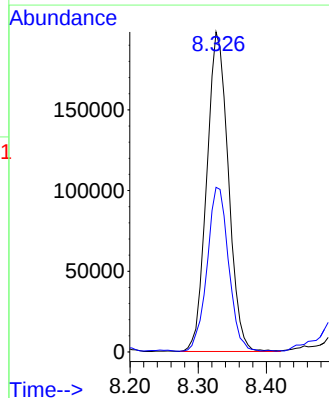
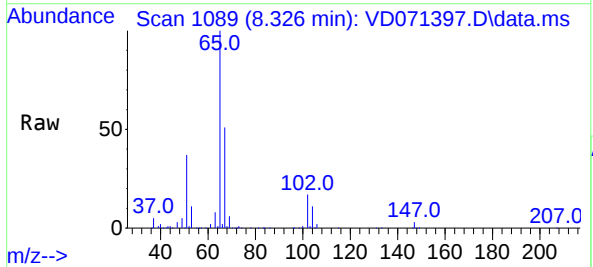
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

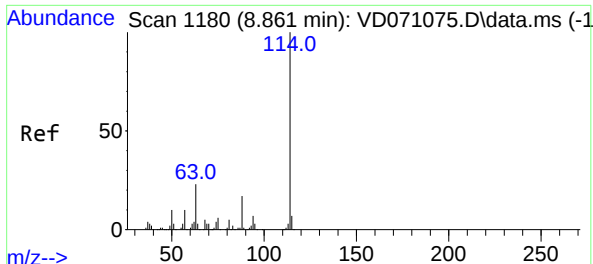
Tgt Ion:168 Resp: 762989
Ion Ratio Lower Upper
168 100
99 66.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 48.755 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

Tgt Ion: 65 Resp: 436495
Ion Ratio Lower Upper
65 100
67 51.0 0.0 112.2

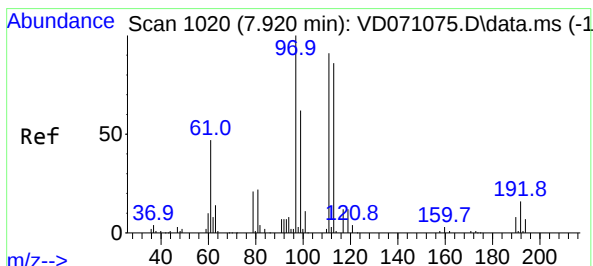
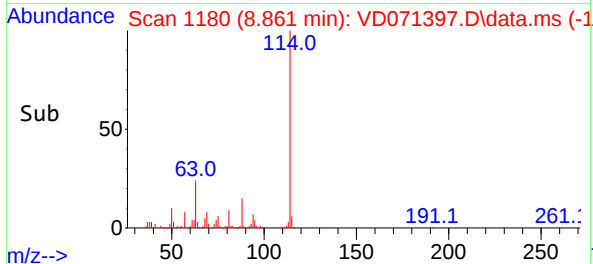
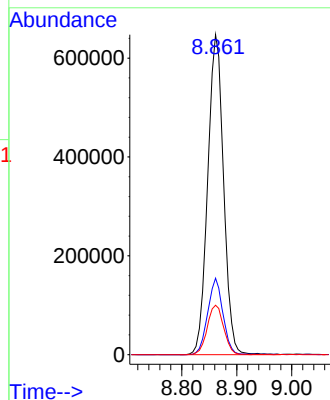
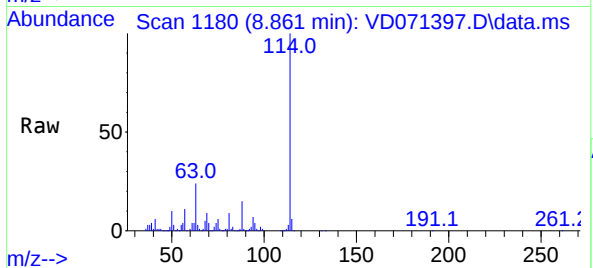




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

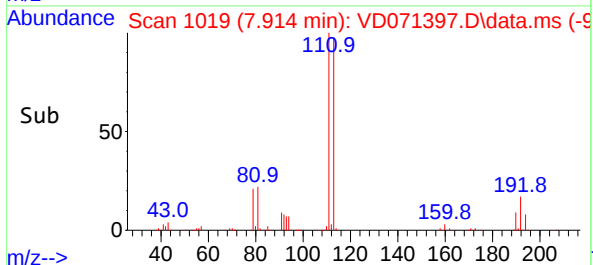
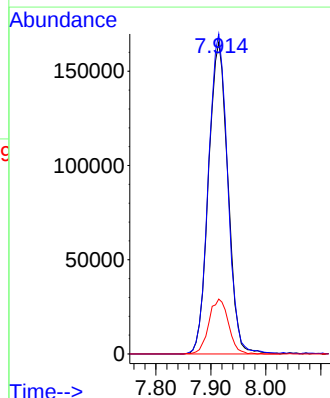
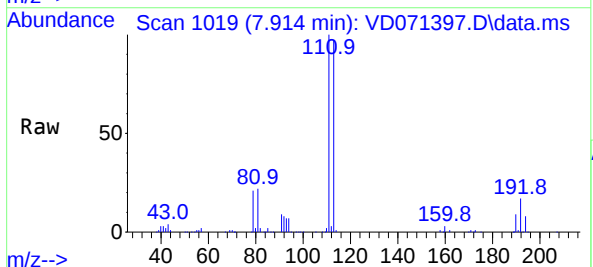
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

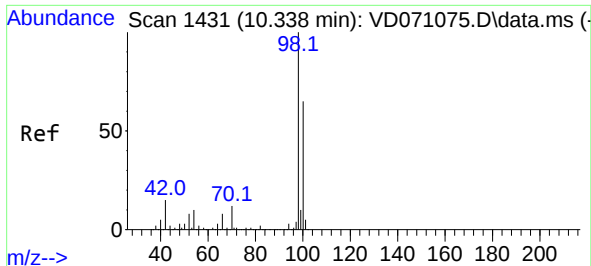
Tgt Ion:114 Resp: 1298588
Ion Ratio Lower Upper
114 100
63 23.9 0.0 41.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.962 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

Tgt Ion:113 Resp: 404877
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 17.9 15.2 22.8

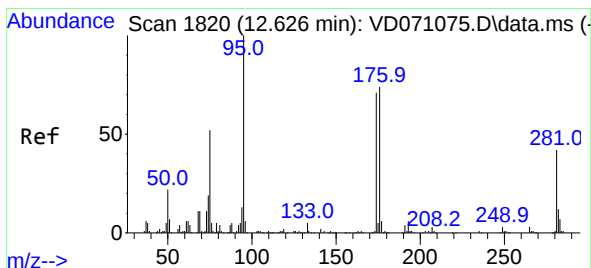
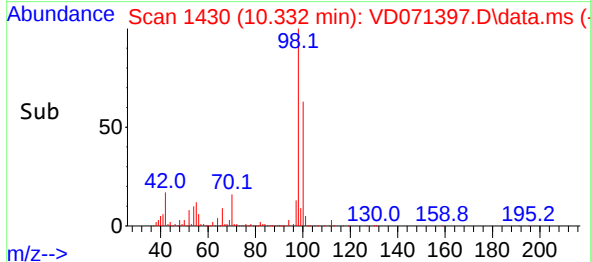
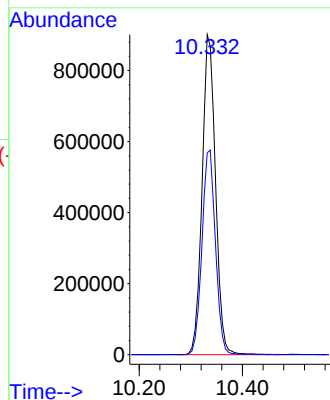
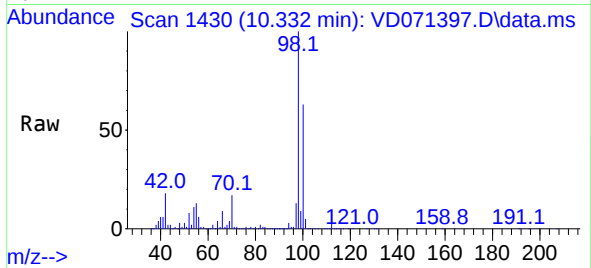




#50
Toluene-d8
Concen: 51.473 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

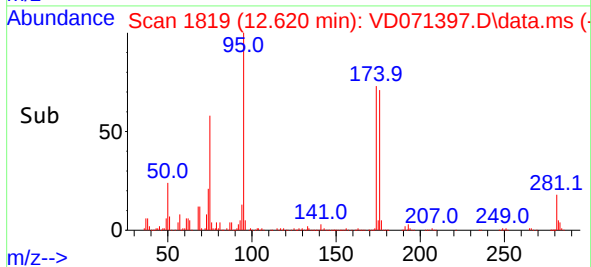
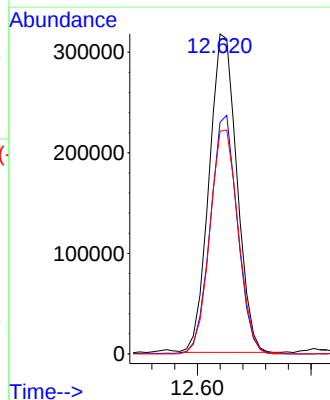
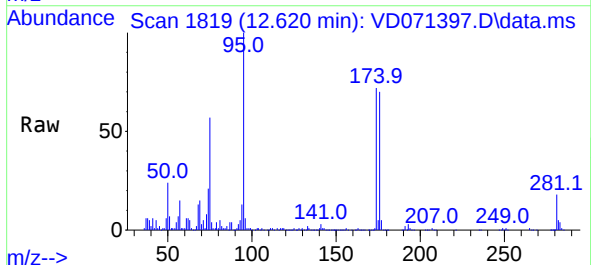
Instrument :
MSVOA_D
ClientSampleId :
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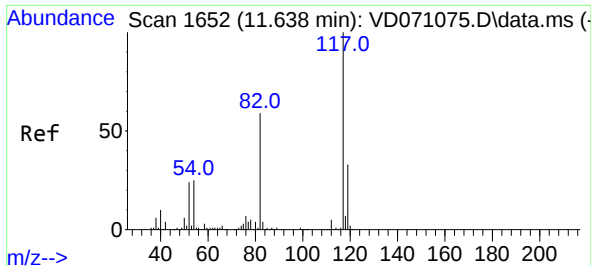
Tgt Ion: 98 Resp: 1619796
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.305 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

Tgt Ion: 95 Resp: 537828
Ion Ratio Lower Upper
95 100
174 73.2 0.0 159.4
176 71.9 0.0 154.0

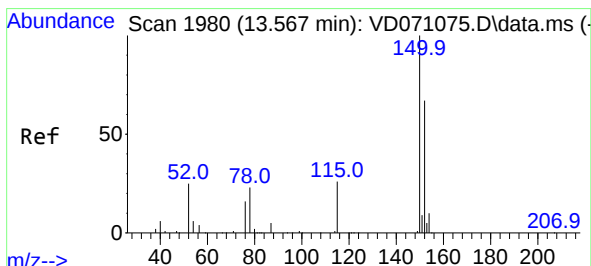
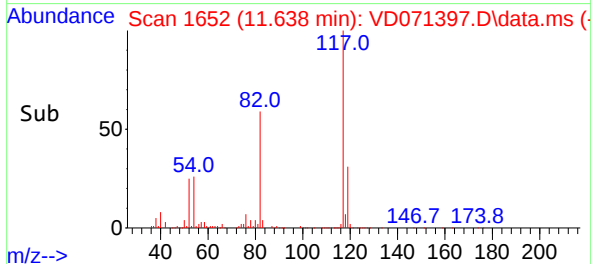
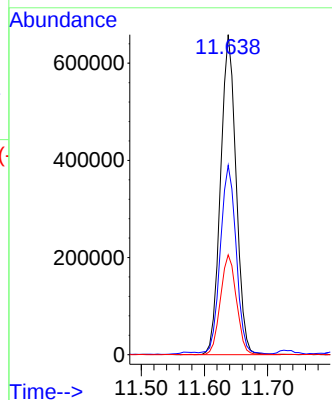
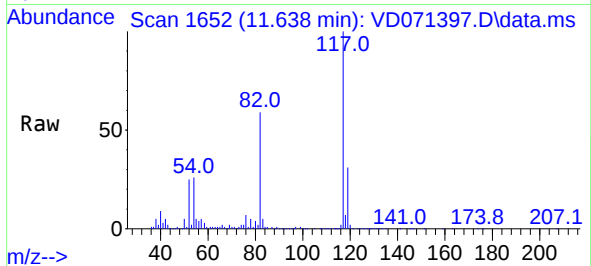




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1124707
Ion Ratio Lower Upper
117 100
82 58.7 44.7 67.1
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071397.D
Acq: 20 Dec 2021 19:15

Tgt Ion:152 Resp: 499816
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 157.3 0.0 349.2

