

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071212.D
 Acq On : 08 Dec 2021 18:17
 Operator : VA/SY
 Sample : M4964-01
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LAUNDRYROOM-PIT-BOTTOM

Quant Time: Dec 09 10:19:04 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	122841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	216885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	255778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	127761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	86546	60.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.080%
35) Dibromofluoromethane	7.914	113	73623	53.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.620%
50) Toluene-d8	10.338	98	287450	54.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.626	95	126113	69.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.440%

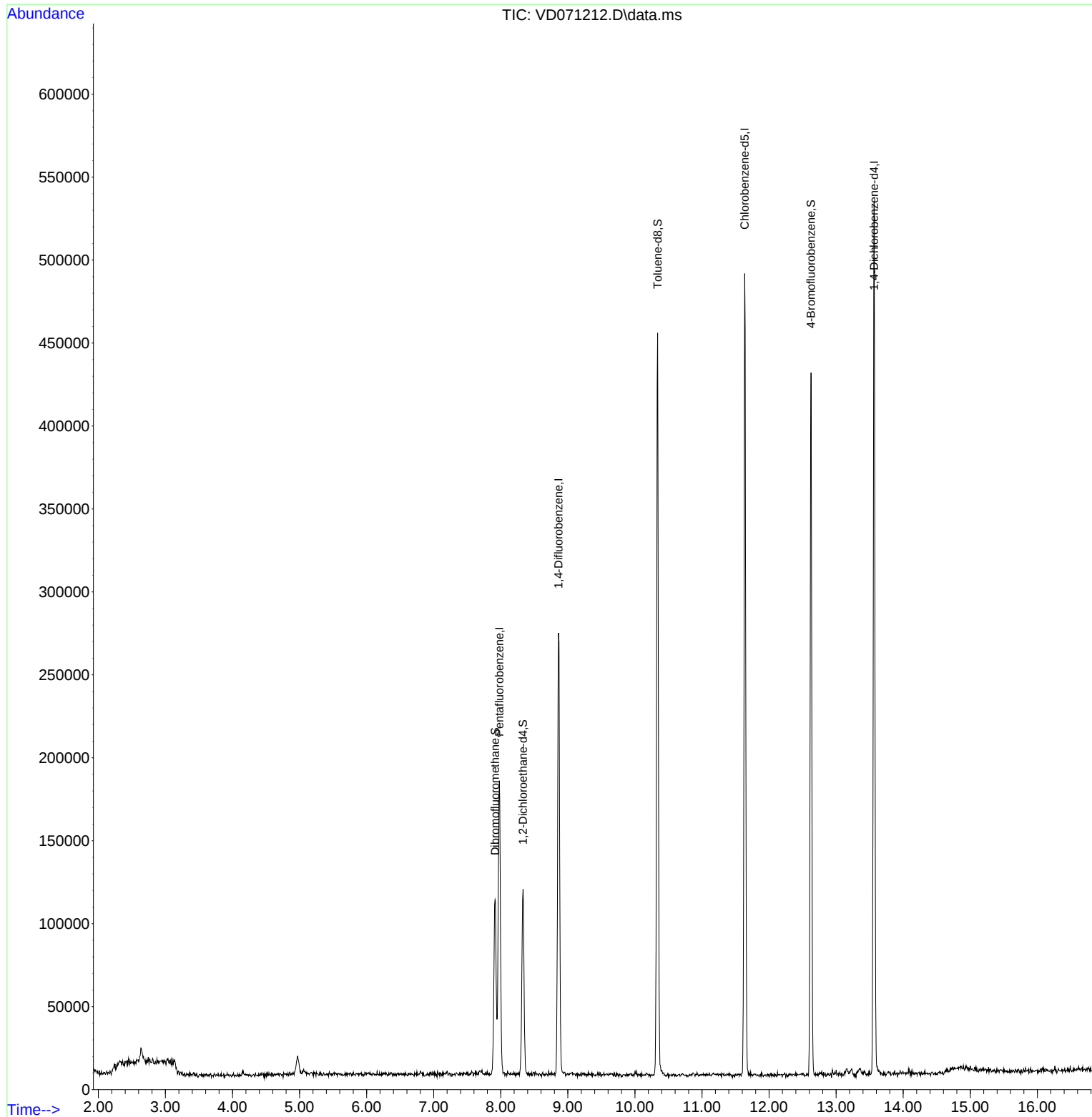
Target Compounds	Qvalue

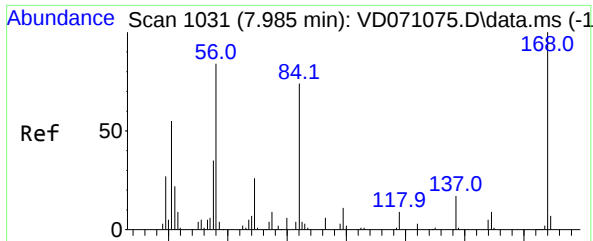
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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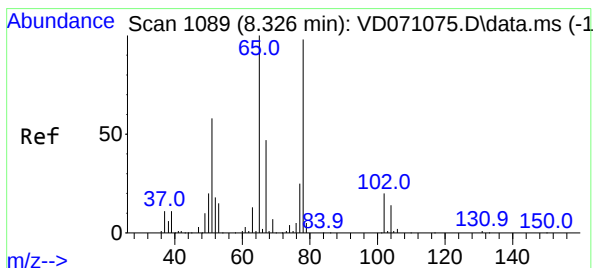
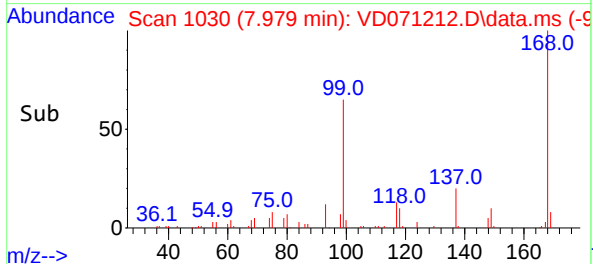
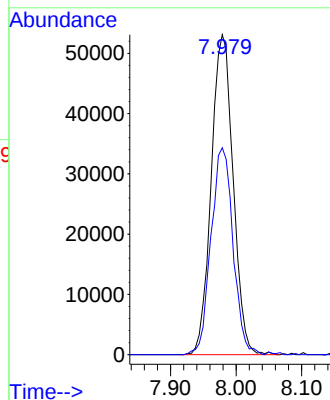
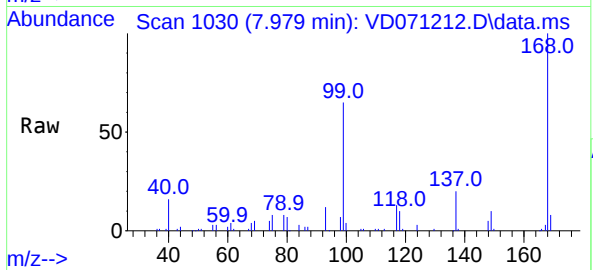




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

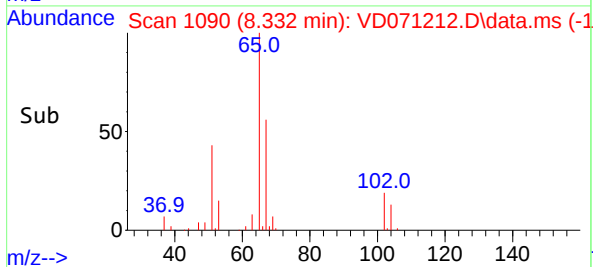
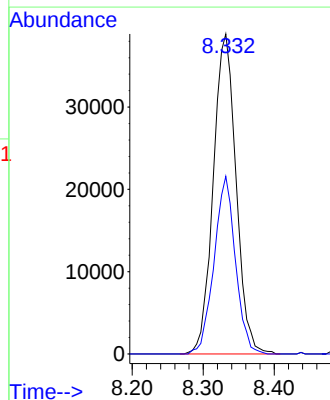
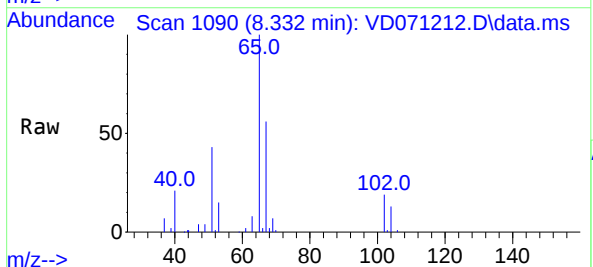
Instrument :
MSVOA_D
ClientSampleId :
LAUNDRYROOM-PIT-BOTTOM

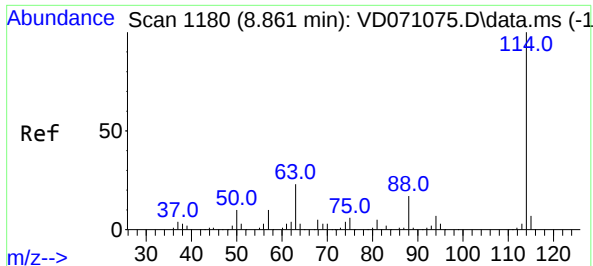
Tgt Ion:168 Resp: 122841
Ion Ratio Lower Upper
168 100
99 64.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 60.043 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 65 Resp: 86546
Ion Ratio Lower Upper
65 100
67 51.9 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: VD071212.D

Acq: 08 Dec 2021 18:17

Instrument :

MSVOA_D

ClientSampleId :

LAUNDRYROOM-PIT-BOTTOM

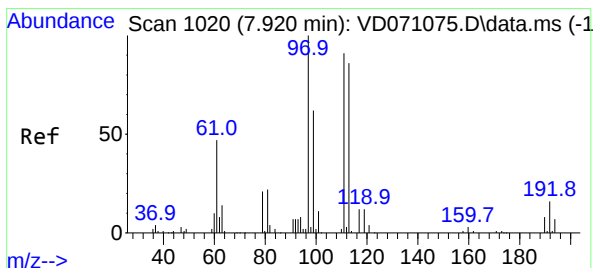
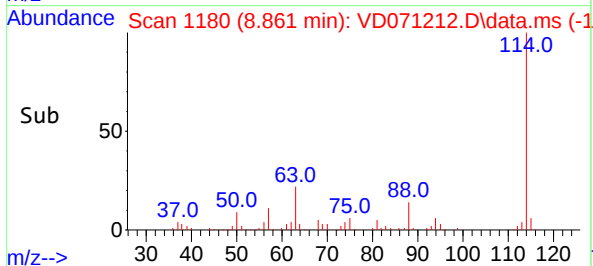
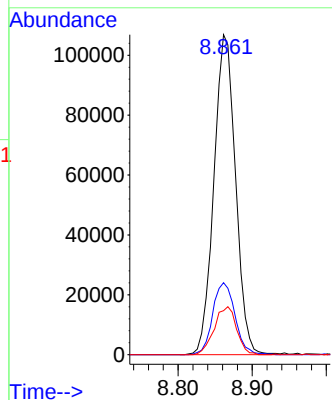
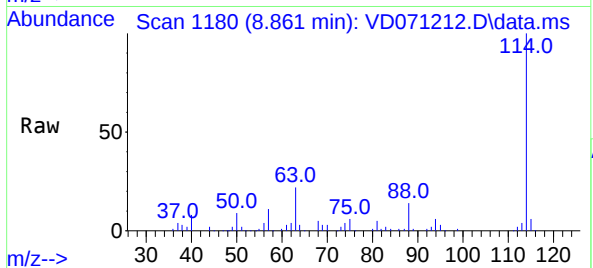
Tgt Ion:114 Resp: 216885

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 13.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.307 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071212.D

Acq: 08 Dec 2021 18:17

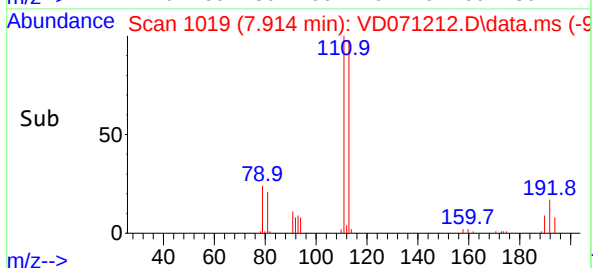
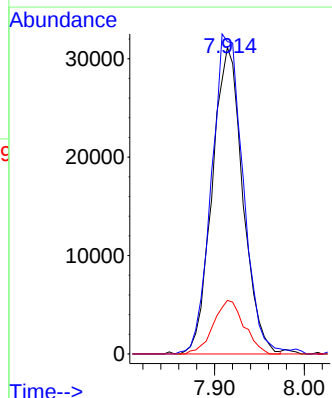
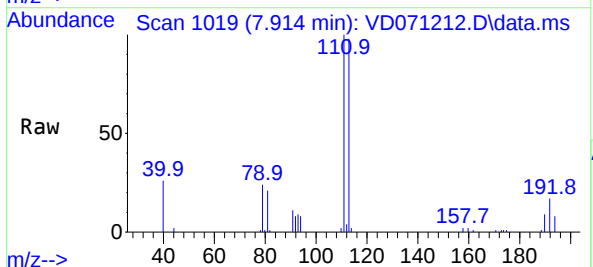
Tgt Ion:113 Resp: 73623

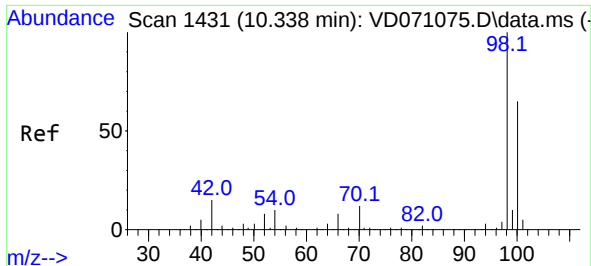
Ion Ratio Lower Upper

113 100

111 108.0 82.0 123.0

192 17.6 15.2 22.8

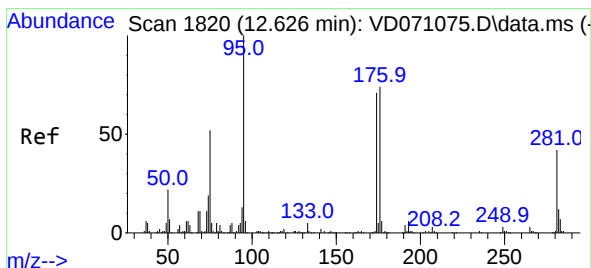
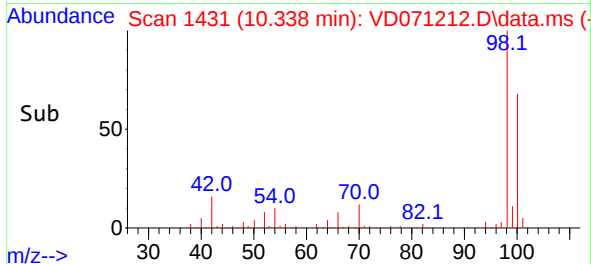
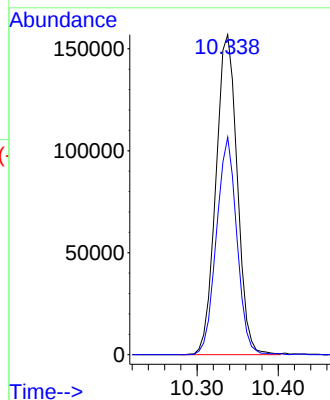
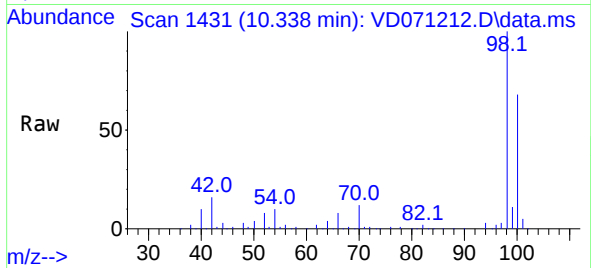




#50
Toluene-d8
Concen: 54.692 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

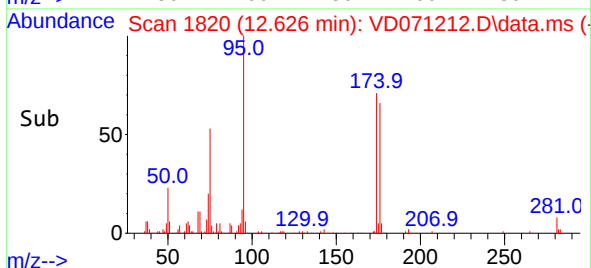
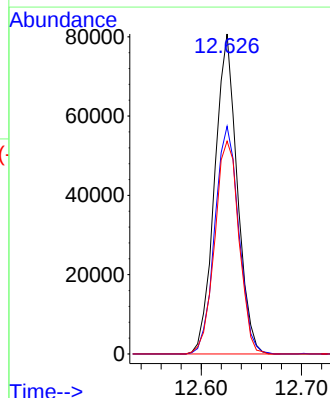
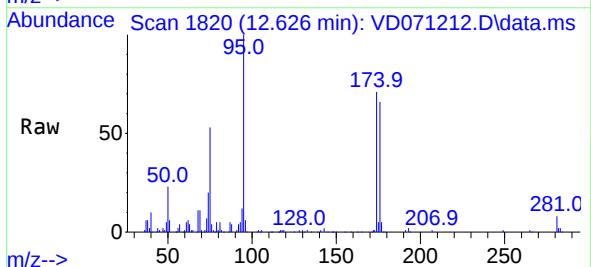
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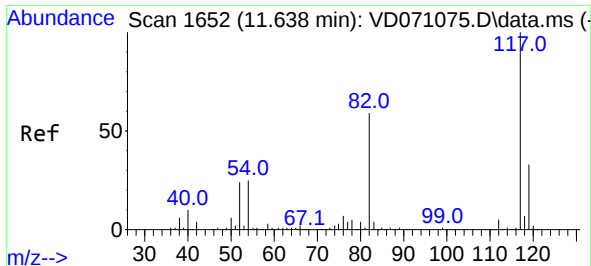
Tgt Ion: 98 Resp: 287450
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.222 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 95 Resp: 126113
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 71.2 0.0 154.0

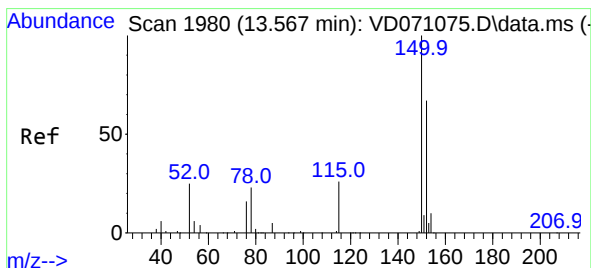
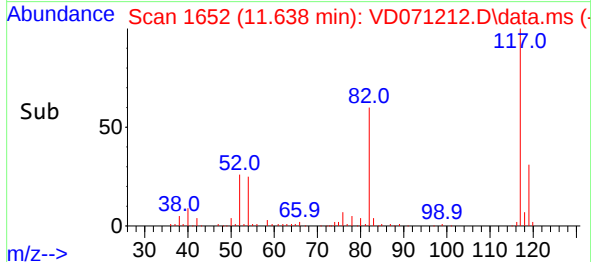
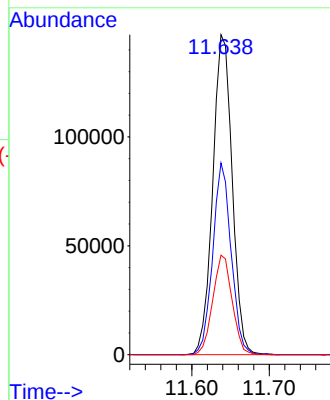
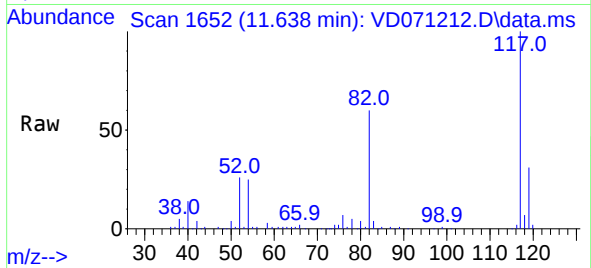




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :
LAUNDRYROOM-PIT-BOTTOM

Tgt Ion:117 Resp: 255778
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 31.1 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: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion:152 Resp: 127761
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.0 0.0 349.2

