

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071220.D
 Acq On : 09 Dec 2021 11:09
 Operator : VA/SY
 Sample : VD1209SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1209SBL01

Quant Time: Dec 10 06:41:42 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	238140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	419830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	371397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	162740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	136791	48.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.90%
35) Dibromofluoromethane	7.914	113	132070	49.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.80%
50) Toluene-d8	10.338	98	448841	44.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.24%
62) 4-Bromofluorobenzene	12.626	95	155530	44.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.20%

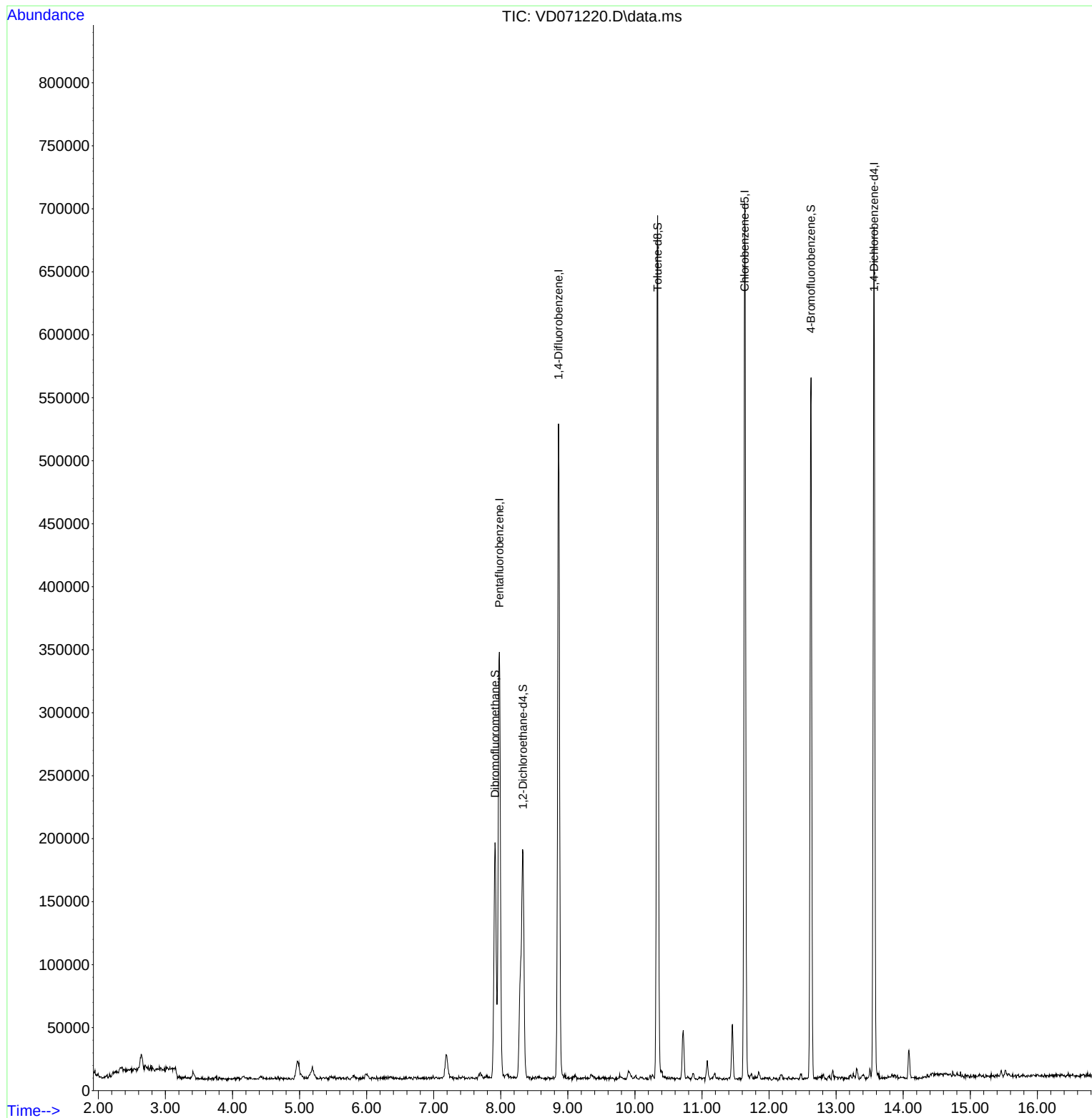
Target Compounds	Qvalue

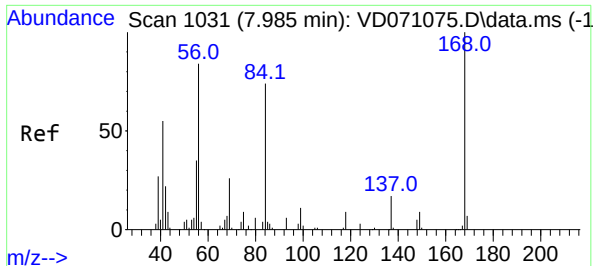
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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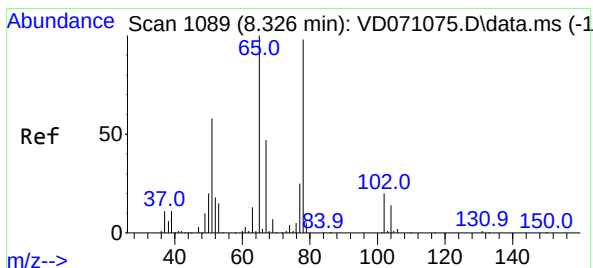
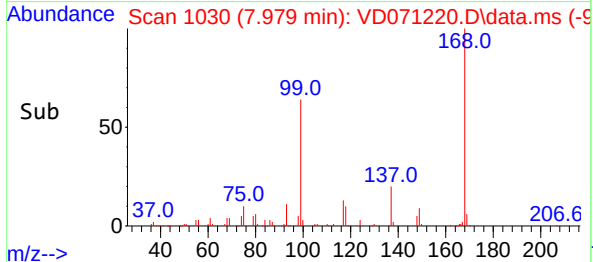
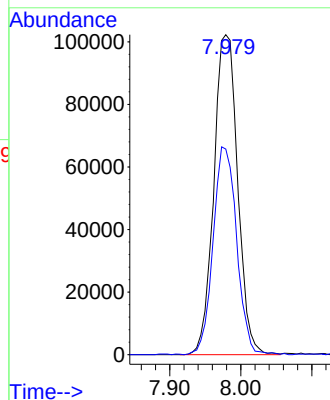
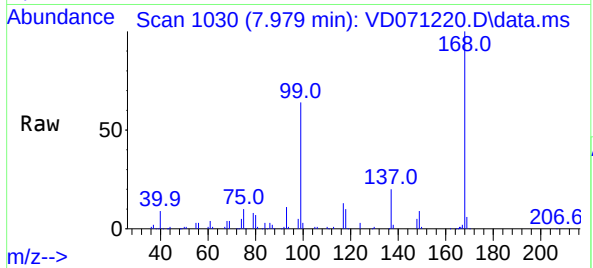




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071220.D
Acq: 09 Dec 2021 11:09

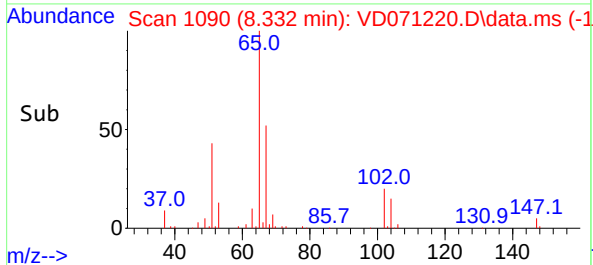
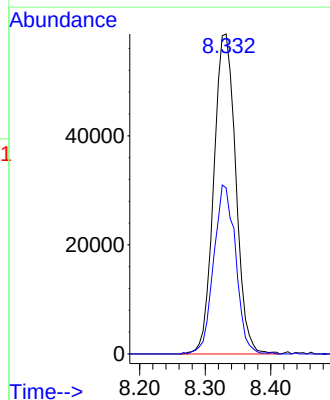
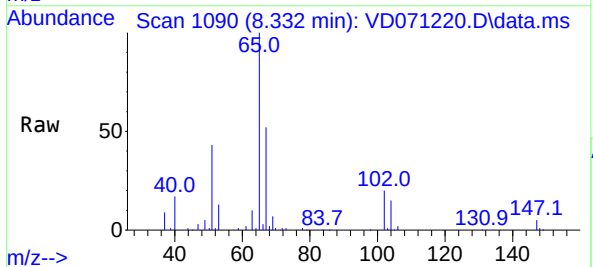
Instrument :
MSVOA_D
ClientSampleId :
VD1209SBL01

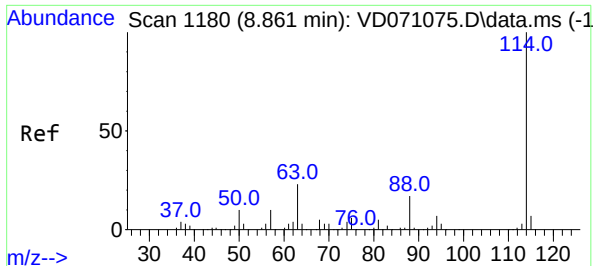
Tgt Ion:168 Resp: 238140
Ion Ratio Lower Upper
168 100
99 64.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 48.95 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071220.D
Acq: 09 Dec 2021 11:09

Tgt Ion: 65 Resp: 136791
Ion Ratio Lower Upper
65 100
67 52.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071220.D

Acq: 09 Dec 2021 11:09

Instrument :

MSVOA_D

ClientSampleId :

VD1209SBL01

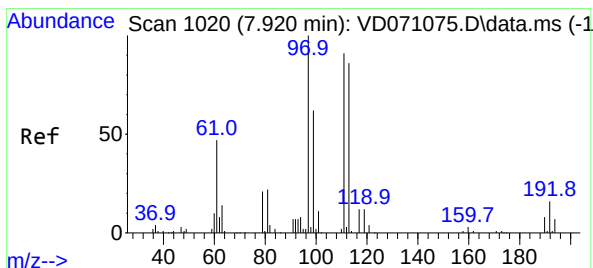
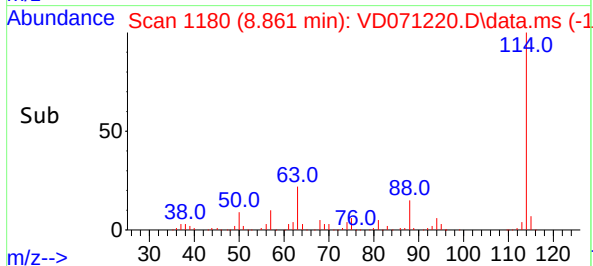
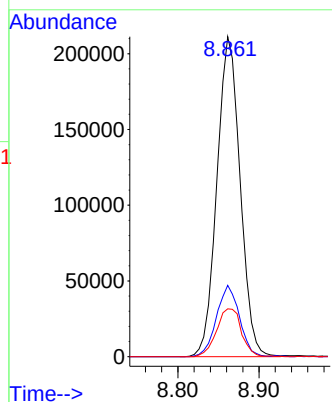
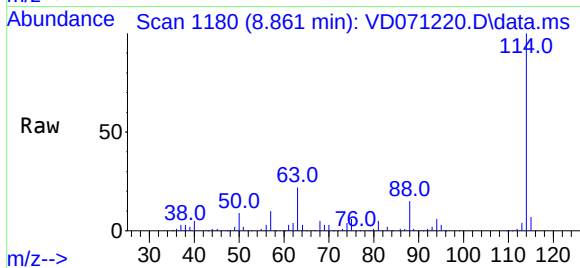
Tgt Ion:114 Resp: 419830

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 14.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.40 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071220.D

Acq: 09 Dec 2021 11:09

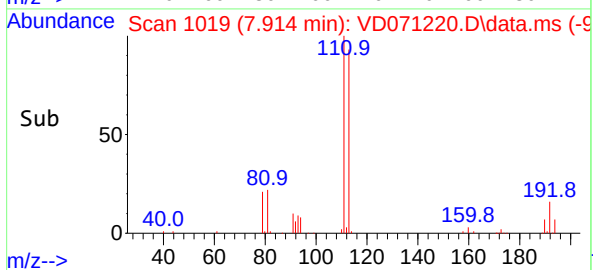
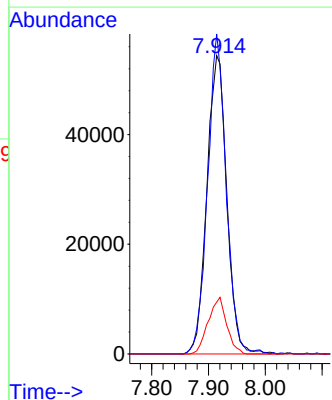
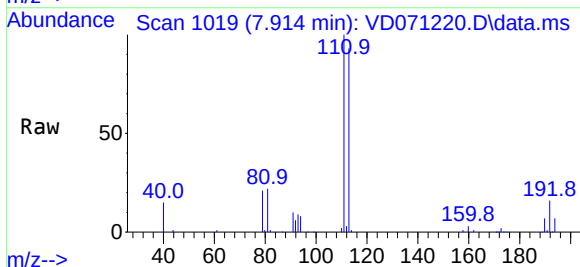
Tgt Ion:113 Resp: 132070

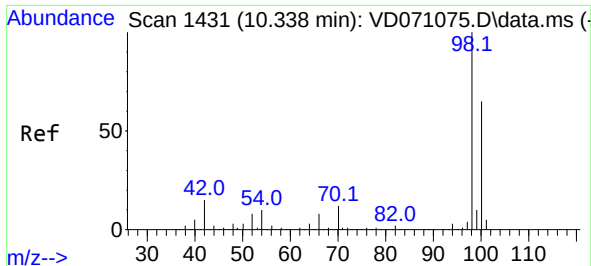
Ion Ratio Lower Upper

113 100

111 99.8 82.0 123.0

192 17.6 15.2 22.8

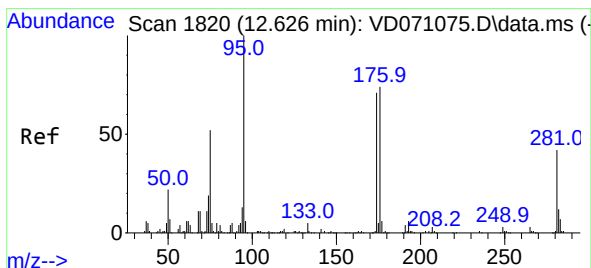
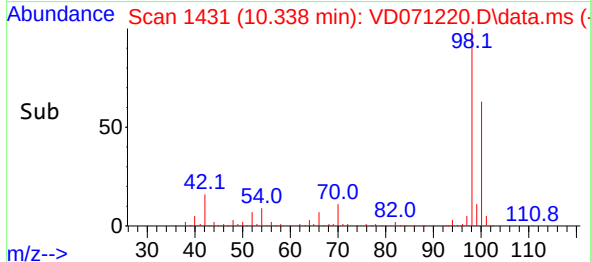
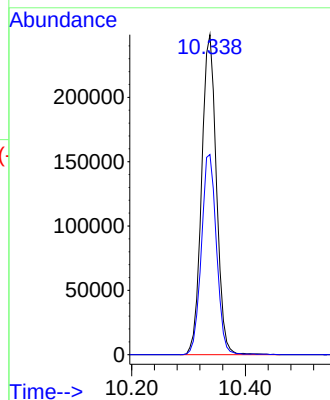
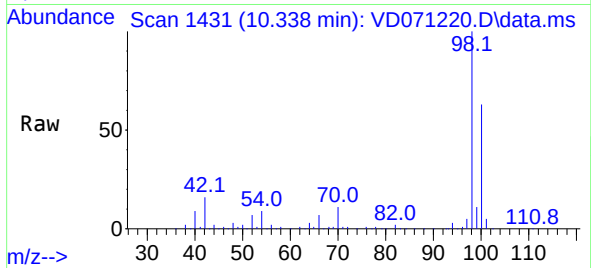




#50
Toluene-d8
Concen: 44.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071220.D
Acq: 09 Dec 2021 11:09

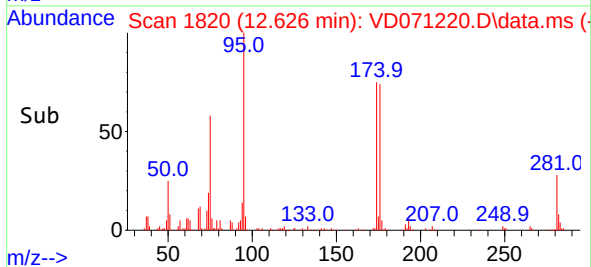
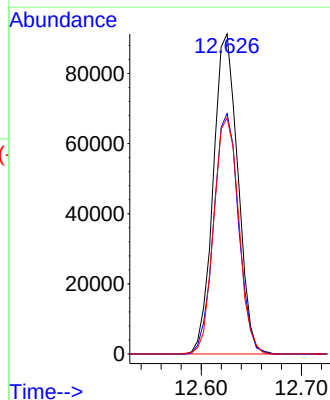
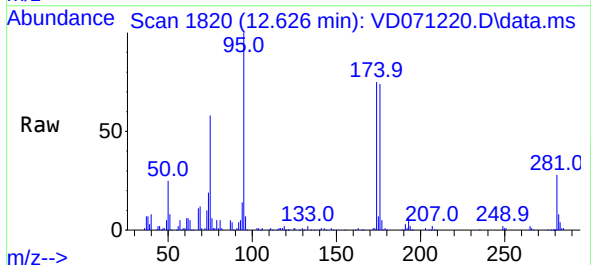
Instrument :
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VD1209SBL01

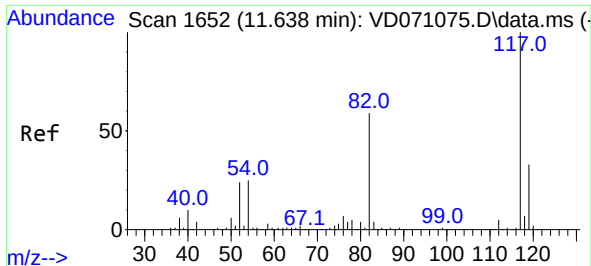
Tgt Ion: 98 Resp: 448841
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.10 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071220.D
Acq: 09 Dec 2021 11:09

Tgt Ion: 95 Resp: 155530
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.7 0.0 154.0

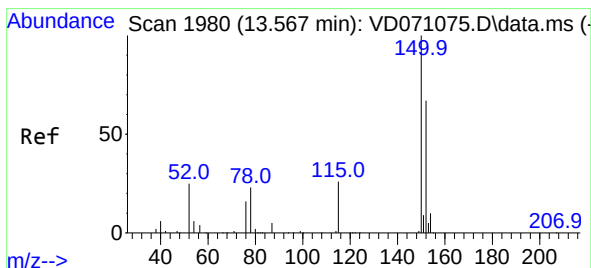
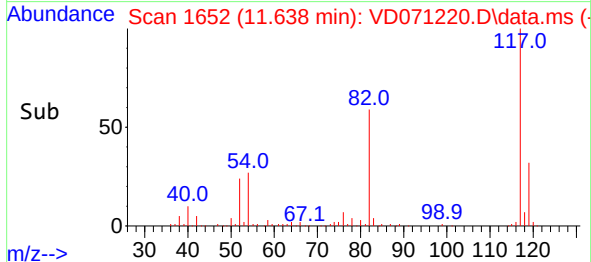
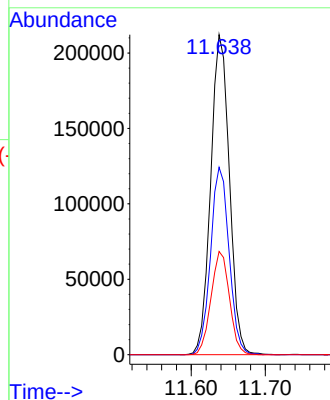
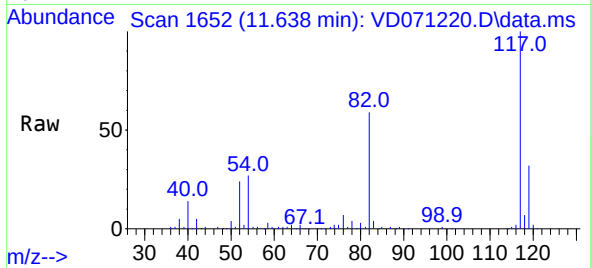




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071220.D
Acq: 09 Dec 2021 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD1209SBL01

Tgt Ion:117 Resp: 371397
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071220.D
Acq: 09 Dec 2021 11:09

Tgt Ion:152 Resp: 162740
Ion Ratio Lower Upper
152 100
115 62.5 29.8 89.3
150 160.1 0.0 349.2

