

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070578.D
 Acq On : 05 Oct 2021 18:10
 Operator : VA/SY
 Sample : M4064-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357

Quant Time: Oct 06 09:23:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	139007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	277371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	287239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	122136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138495	84.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.32%#
35) Dibromofluoromethane	7.908	113	120081	65.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.24%
50) Toluene-d8	10.338	98	362425	51.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.82%
62) 4-Bromofluorobenzene	12.626	95	120285	51.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.10%

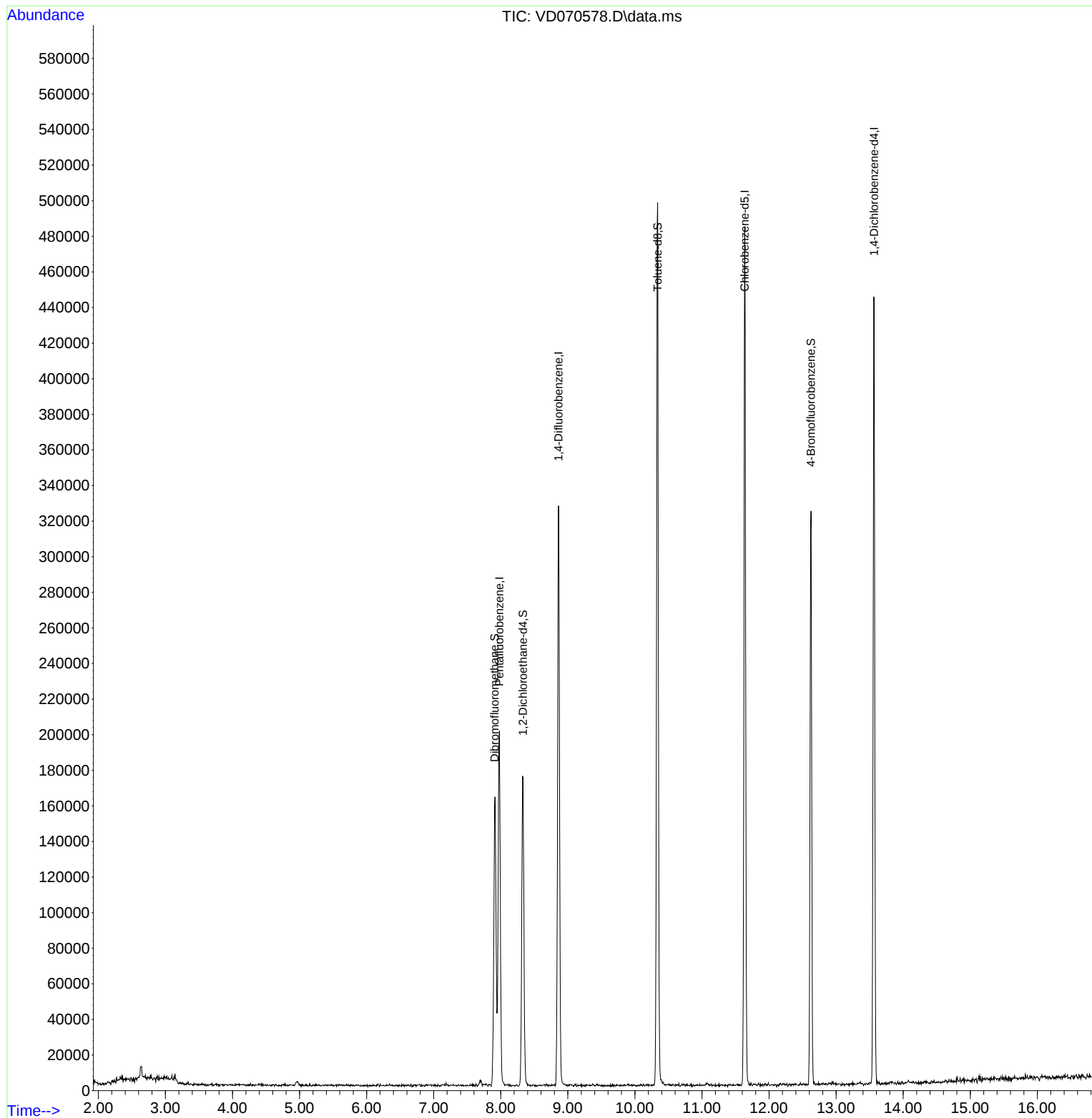
Target Compounds	Qvalue

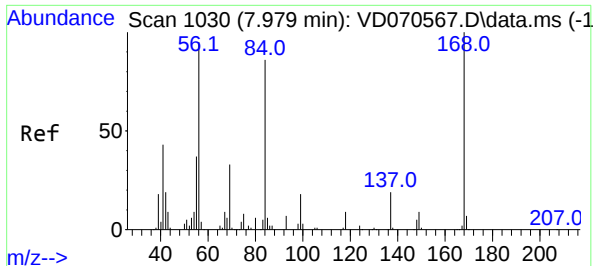
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070578.D

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ClientSampleId :

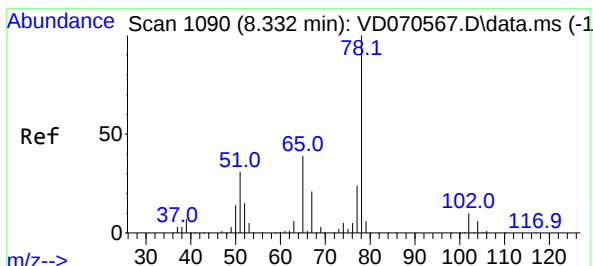
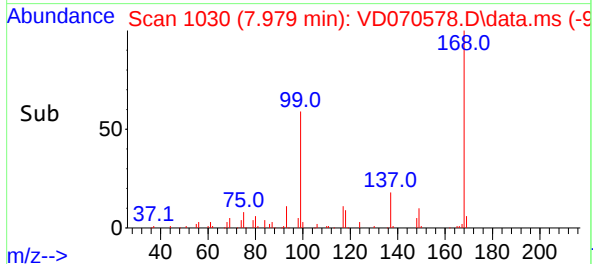
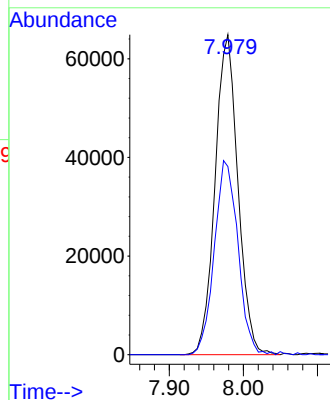
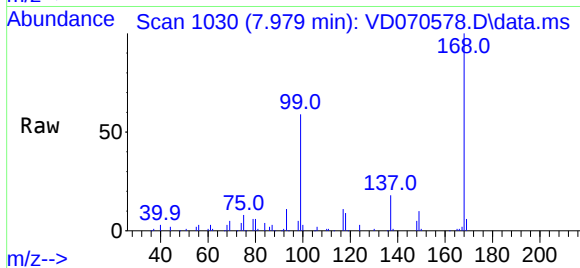
357

Tgt Ion:168 Resp: 139007

Ion Ratio Lower Upper

168 100

99 58.8 51.4 77.0



1,2-Dichloroethane-d4

Concen: 84.66 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD070578.D

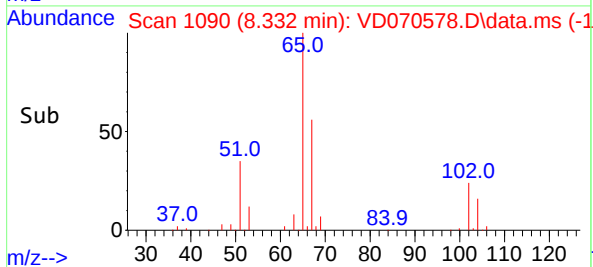
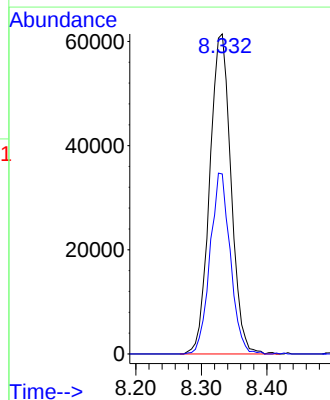
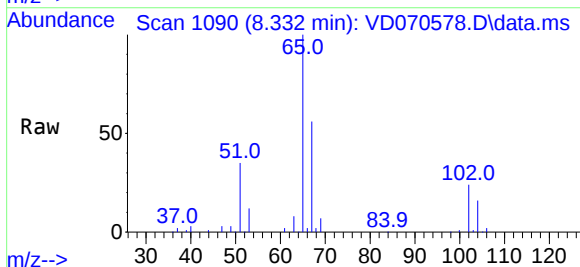
Acq: 05 Oct 2021 18:10

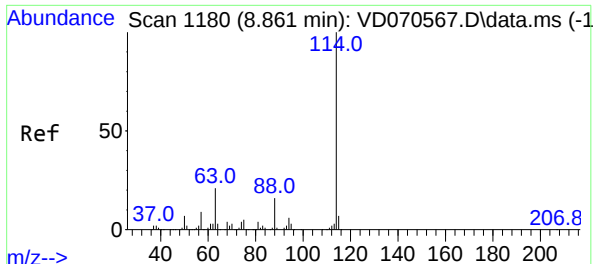
Tgt Ion: 65 Resp: 138495

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070578.D

Acq: 05 Oct 2021 18:10

Instrument :

MSVOA_D

ClientSampleId :

357

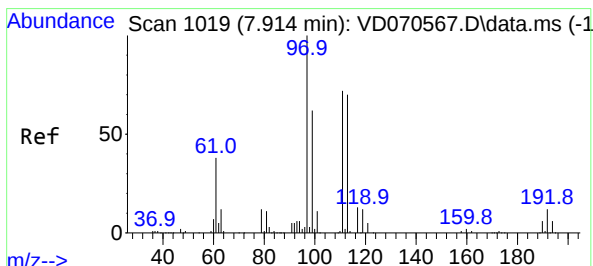
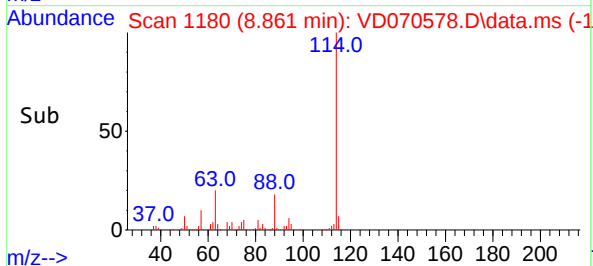
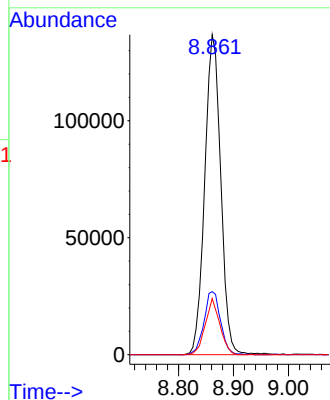
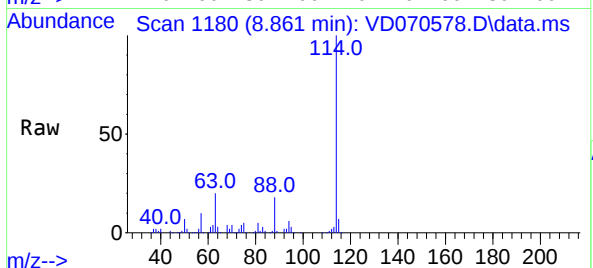
Tgt Ion:114 Resp: 277371

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

88 17.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 65.12 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070578.D

Acq: 05 Oct 2021 18:10

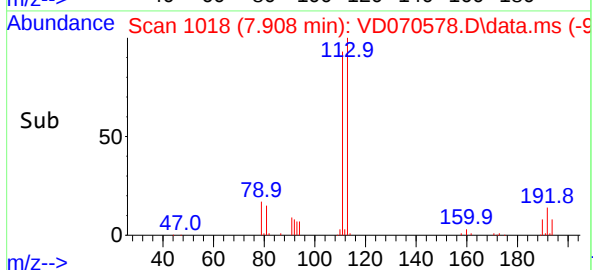
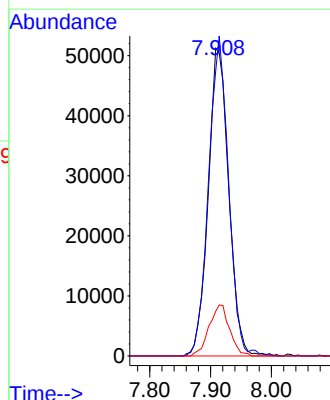
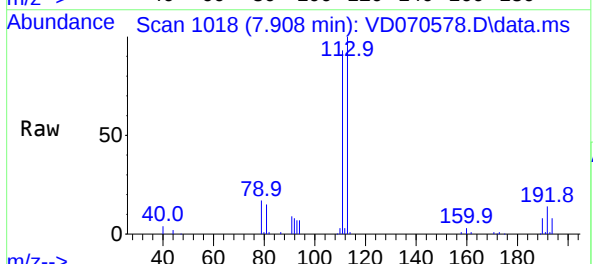
Tgt Ion:113 Resp: 120081

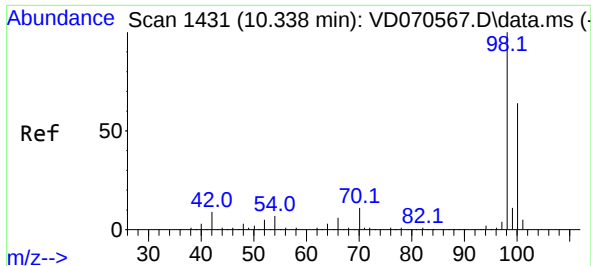
Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

192 16.5 12.7 19.1

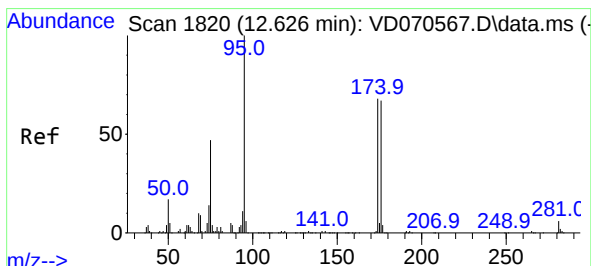
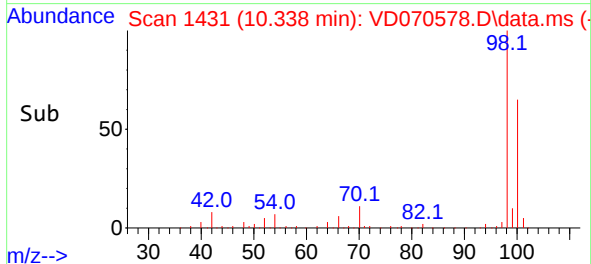
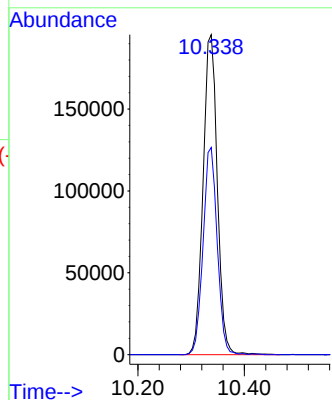
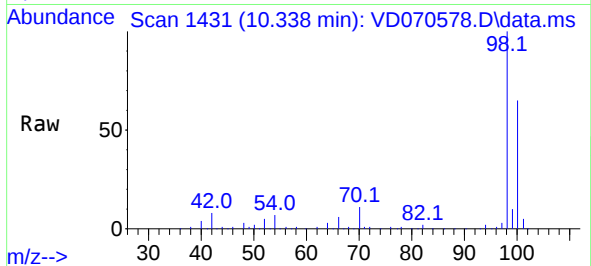




#50
Toluene-d8
Concen: 51.41 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070578.D
Acq: 05 Oct 2021 18:10

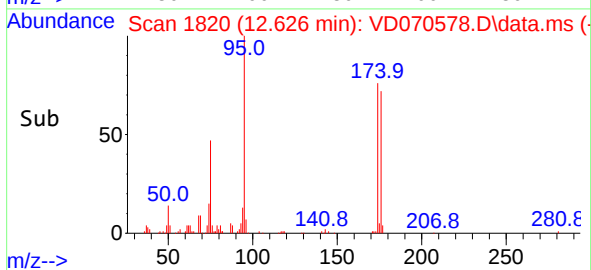
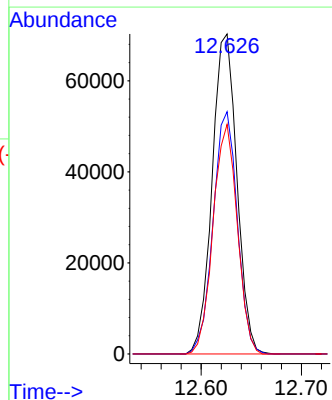
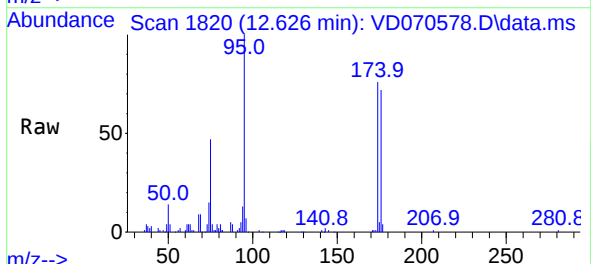
Instrument :
MSVOA_D
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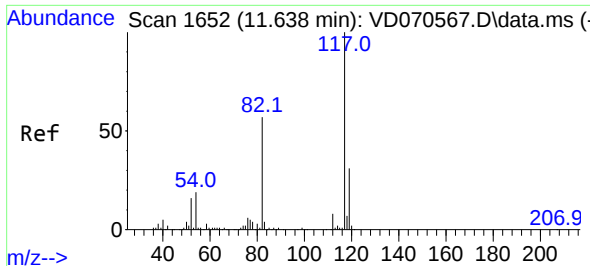
Tgt Ion: 98 Resp: 362425
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.05 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070578.D
Acq: 05 Oct 2021 18:10

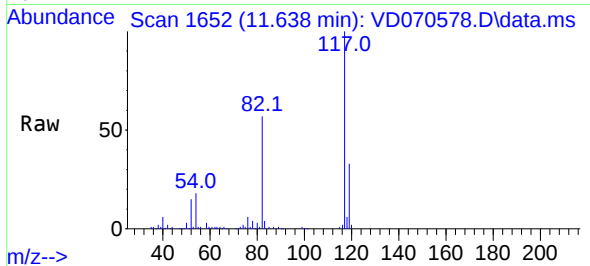
Tgt Ion: 95 Resp: 120285
Ion Ratio Lower Upper
95 100
174 74.1 0.0 138.0
176 70.2 0.0 135.6



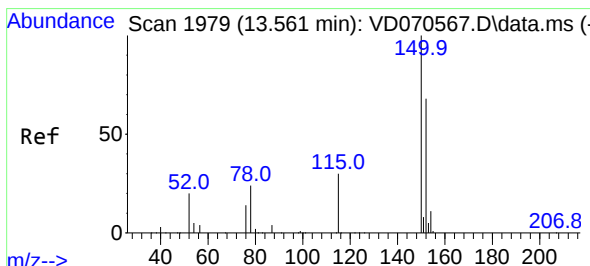
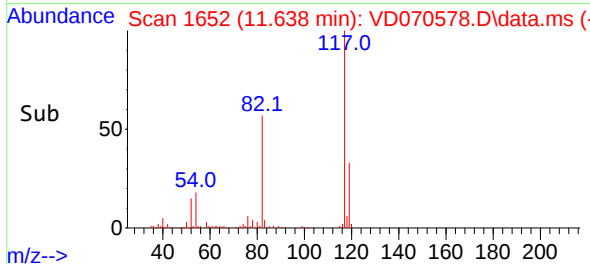
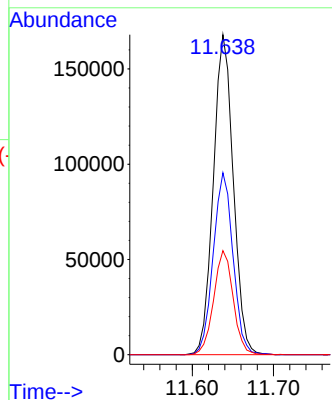


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070578.D
Acq: 05 Oct 2021 18:10

Instrument :
MSVOA_D
ClientSampleId :
357



Tgt Ion:117 Resp: 287239
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070578.D
Acq: 05 Oct 2021 18:10

Tgt Ion:152 Resp: 122136
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.7
150 155.5 0.0 350.0

