

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071689.D
 Acq On : 12 Jan 2022 16:33
 Operator : VA/SY
 Sample : N1106-06
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-0022C-01-6

Quant Time: Jan 13 05:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	319833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216204	52.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.080%
35) Dibromofluoromethane	7.914	113	199489	50.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.338	98	771771	51.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.626	95	227651	43.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.940%

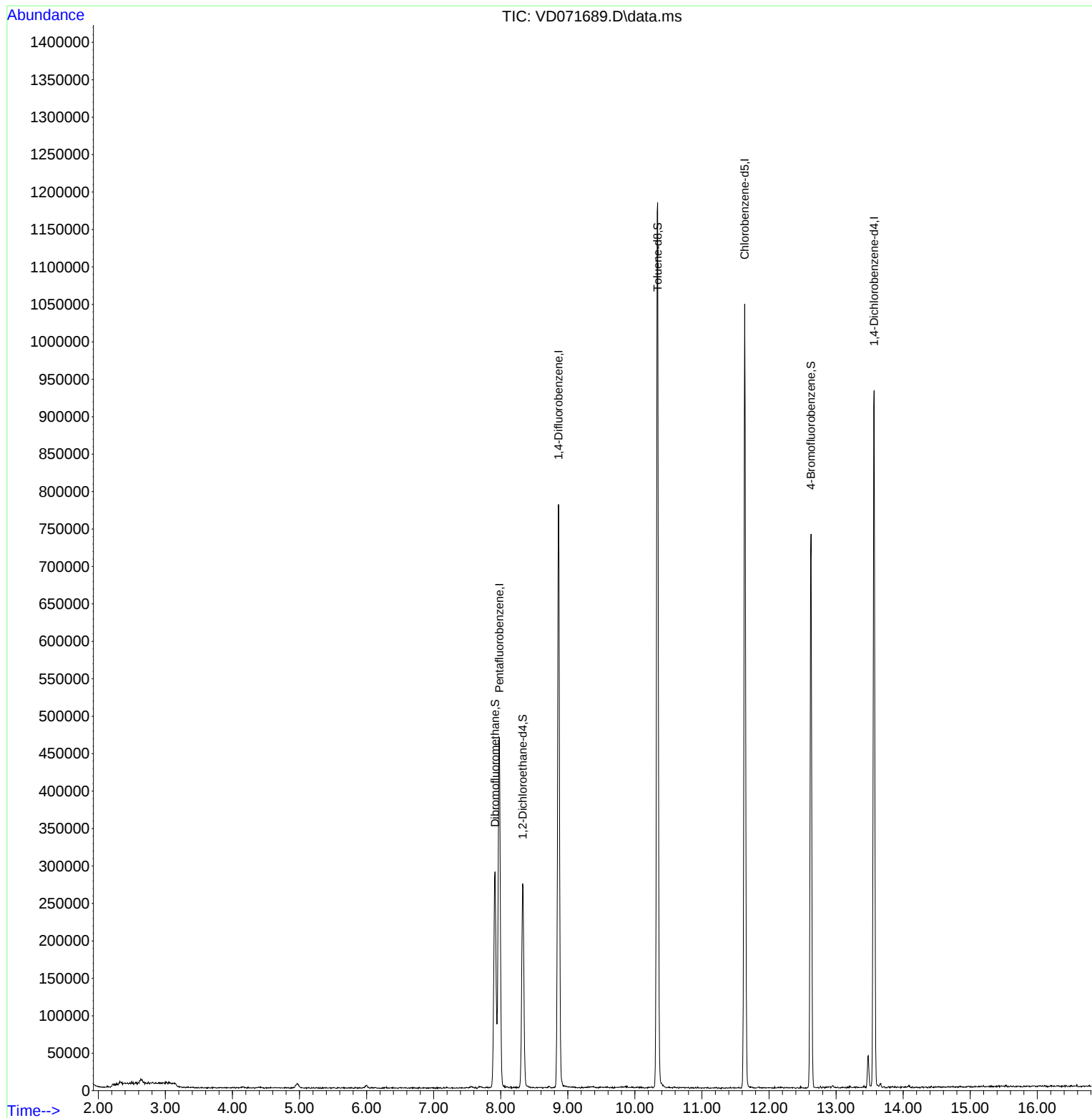
Target Compounds	Qvalue

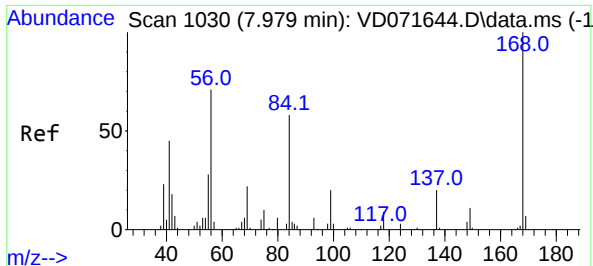
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071689.D

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Instrument :

MSVOA_D

ClientSampleId :

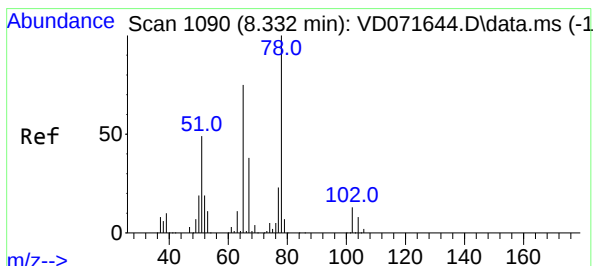
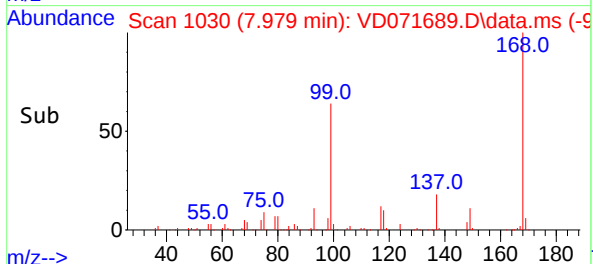
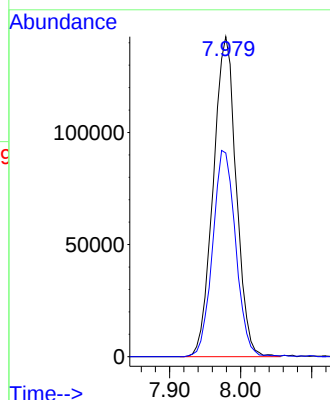
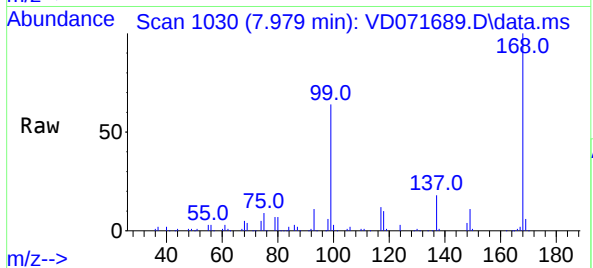
SO-0022C-01-6

Tgt Ion:168 Resp: 319833

Ion Ratio Lower Upper

168 100

99 63.7 51.8 77.6



1,2-Dichloroethane-d4

Concen: 52.536 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071689.D

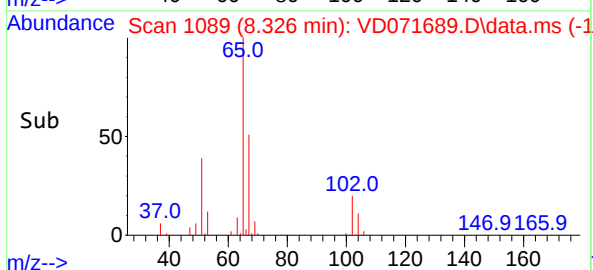
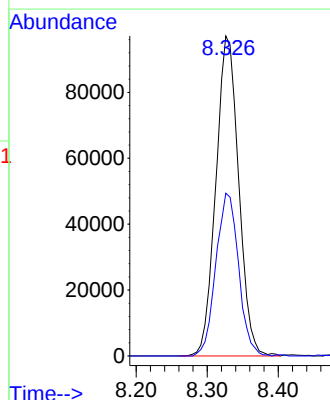
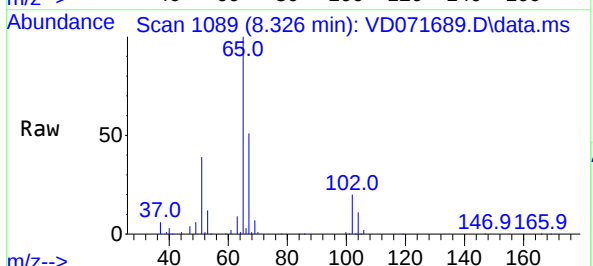
Acq: 12 Jan 2022 16:33

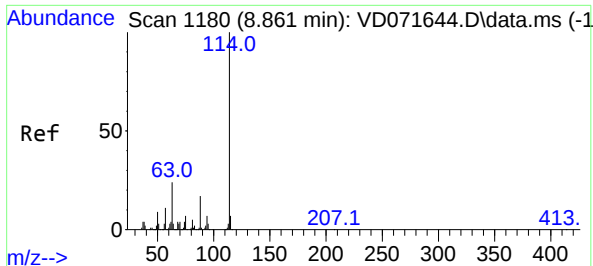
Tgt Ion: 65 Resp: 216204

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071689.D

Acq: 12 Jan 2022 16:33

Instrument :

MSVOA_D

ClientSampleId :

SO-0022C-01-6

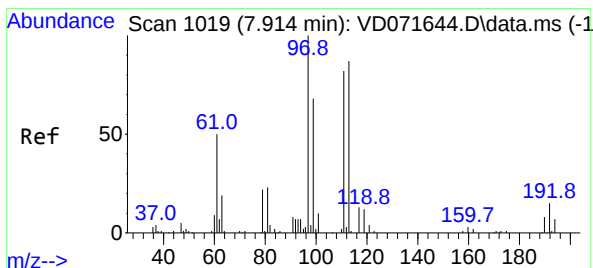
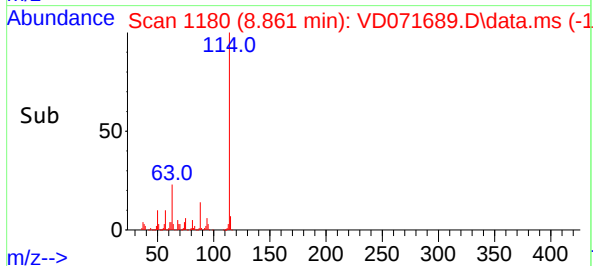
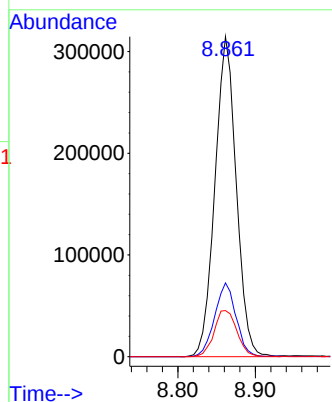
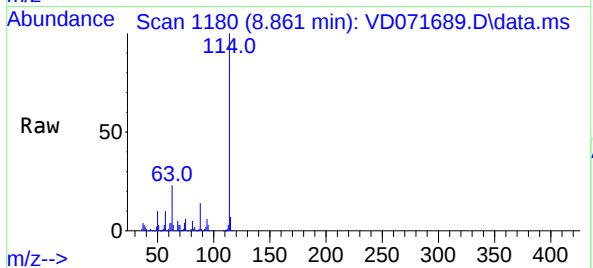
Tgt Ion:114 Resp: 600776

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.2

88 14.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.244 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071689.D

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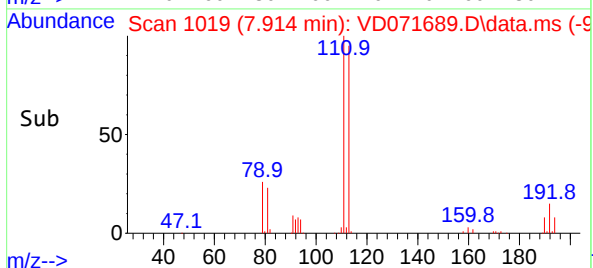
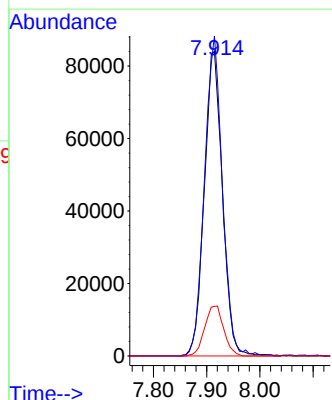
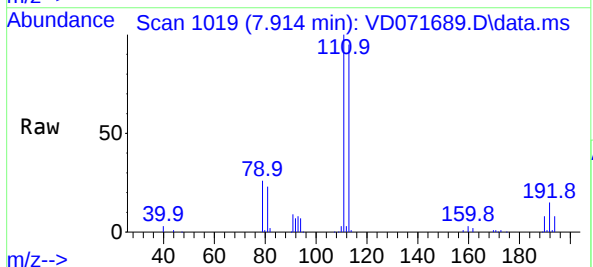
Tgt Ion:113 Resp: 199489

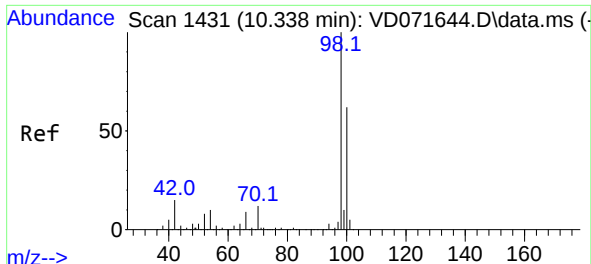
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.1 14.2 21.2

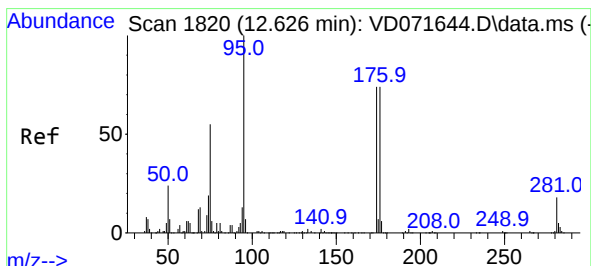
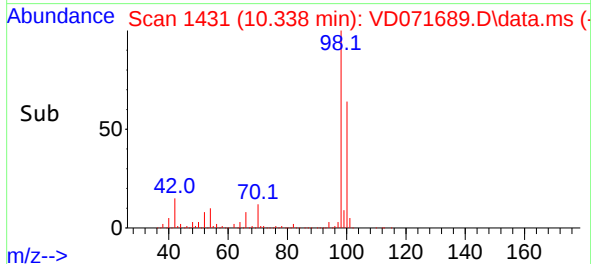
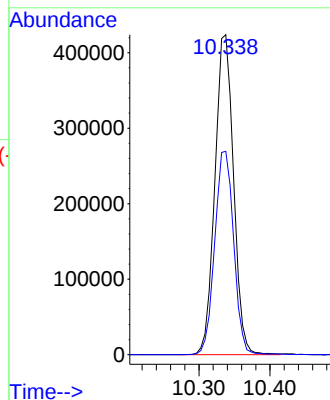
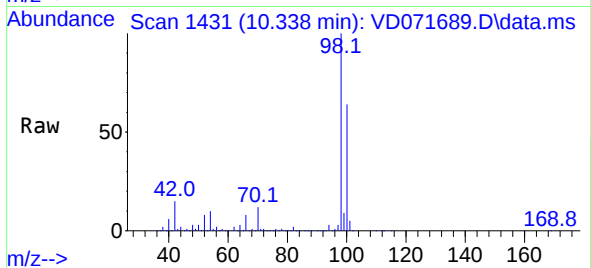




#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071689.D
Acq: 12 Jan 2022 16:33

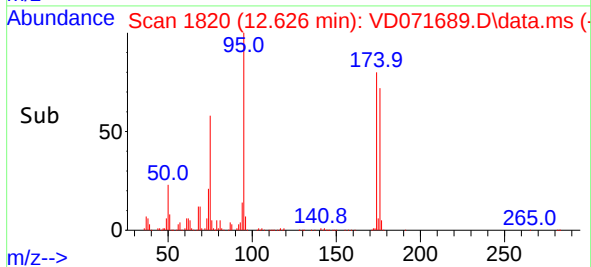
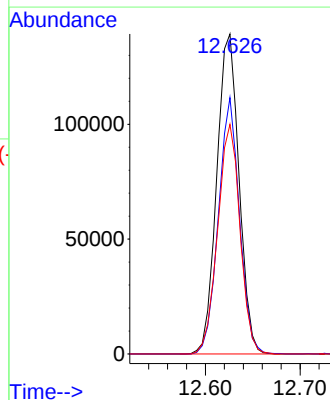
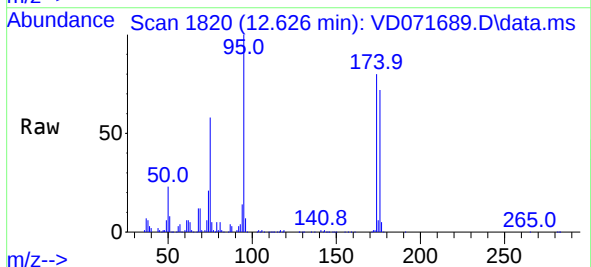
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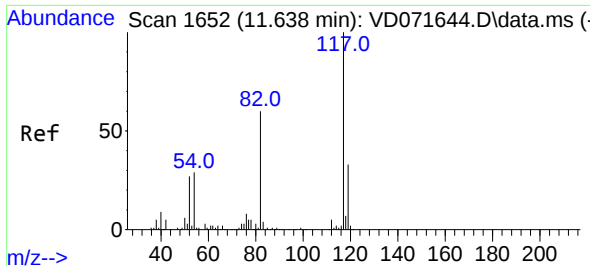
Tgt Ion: 98 Resp: 771771
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.469 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071689.D
Acq: 12 Jan 2022 16:33

Tgt Ion: 95 Resp: 227651
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.0
176 71.8 0.0 146.4

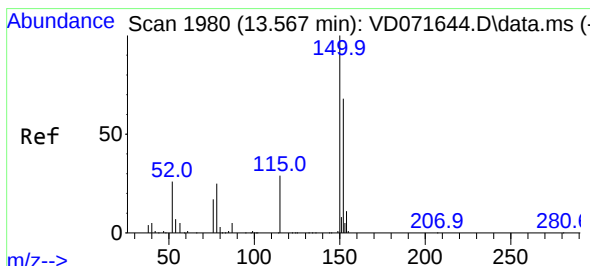
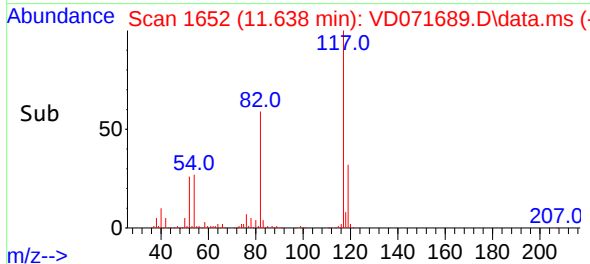
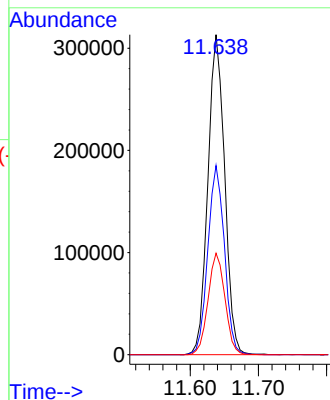
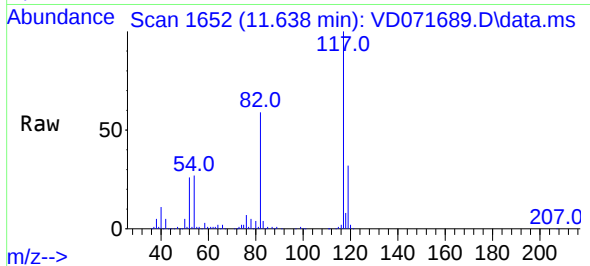




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071689.D
Acq: 12 Jan 2022 16:33

Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-01-6

Tgt Ion:117	Resp: 537061
Ion Ratio	Lower Upper
117 100	
82 59.1	46.9 70.3
119 31.7	26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071689.D
Acq: 12 Jan 2022 16:33

Tgt Ion:152	Resp: 225220
Ion Ratio	Lower Upper
152 100	
115 60.5	31.5 94.5
150 155.9	0.0 348.0

