

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071708.D
 Acq On : 13 Jan 2022 14:22
 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: Jan 14 04:05:53 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	360293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	650556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226790	48.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.840%
35) Dibromofluoromethane	7.909	113	207903	48.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.332	98	828776	51.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.626	95	256791	45.281	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.560%

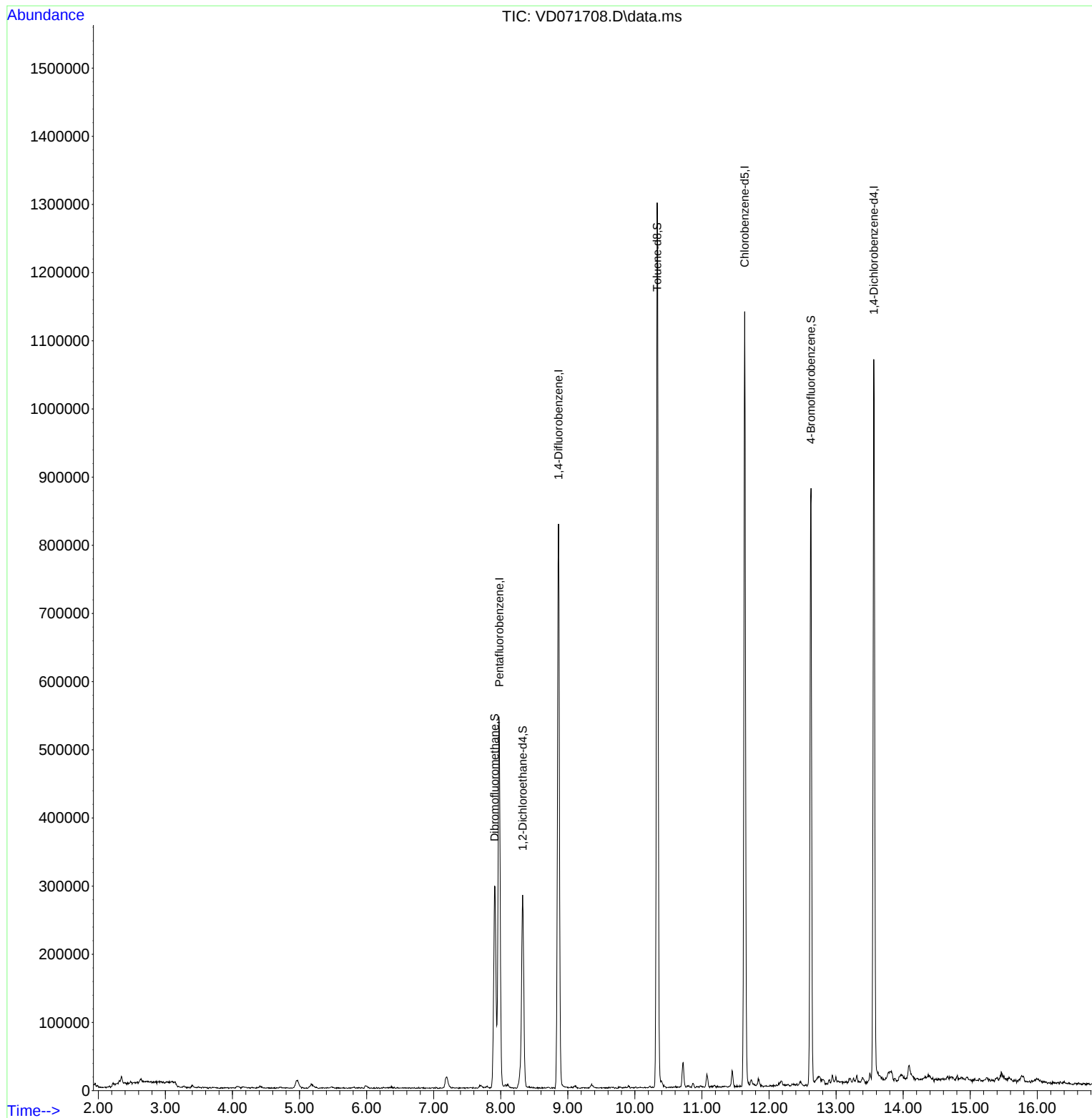
Target Compounds	Qvalue

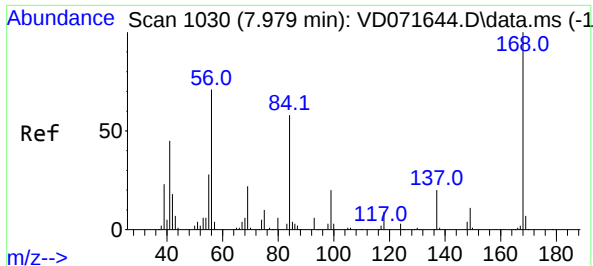
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071708.D

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MSVOA_D

ClientSampleId :

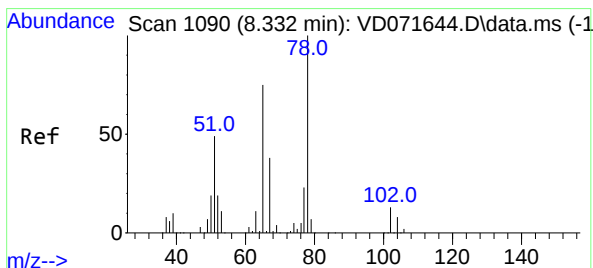
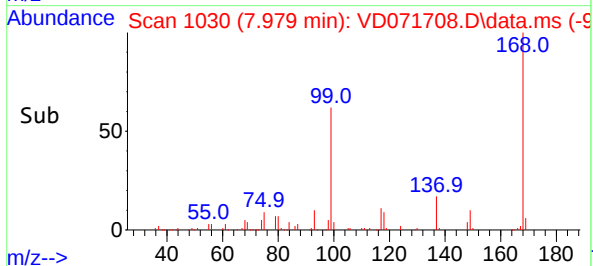
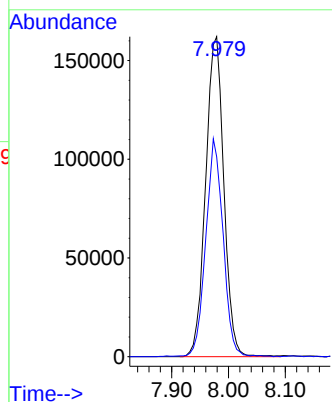
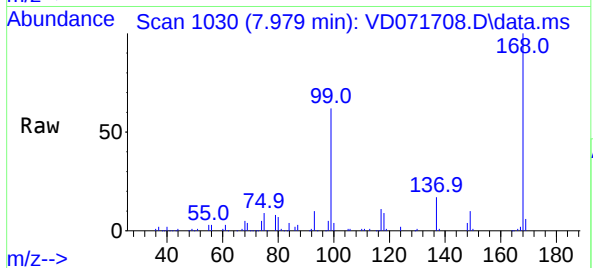
VIBLK

Tgt Ion:168 Resp: 360293

Ion Ratio Lower Upper

168 100

99 62.4 51.8 77.6



1,2-Dichloroethane-d4

Concen: 48.920 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071708.D

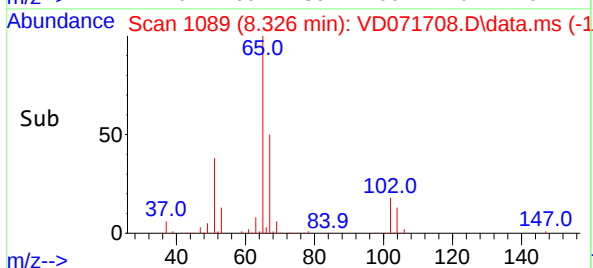
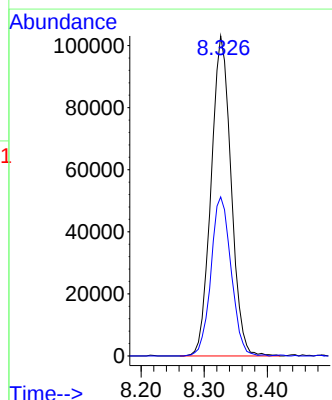
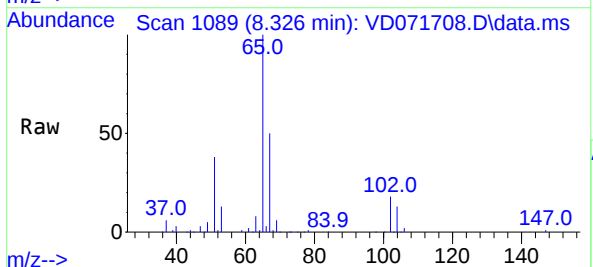
Acq: 13 Jan 2022 14:22

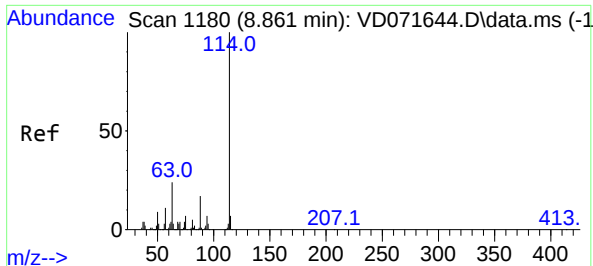
Tgt Ion: 65 Resp: 226790

Ion Ratio Lower Upper

65 100

67 50.1 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: VD071708.D

Acq: 13 Jan 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

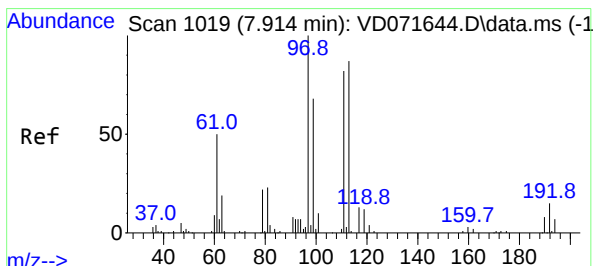
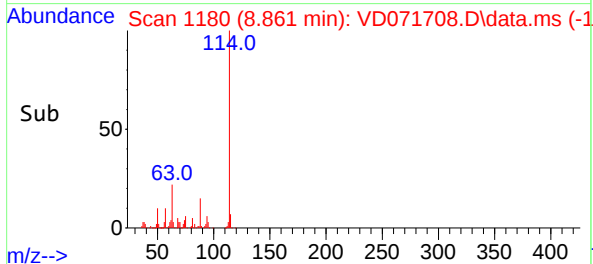
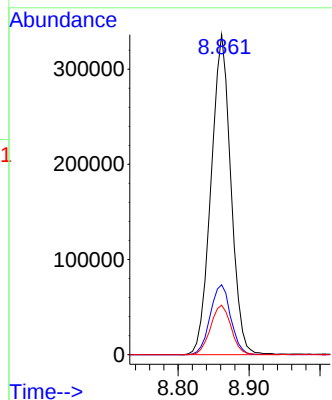
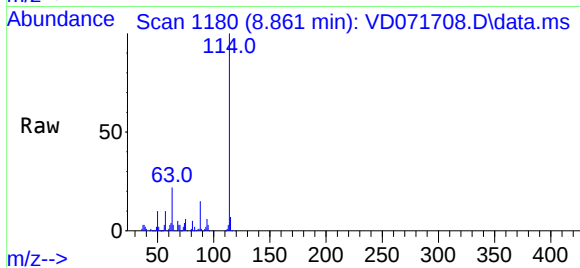
Tgt Ion:114 Resp: 650556

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.2

88 15.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.357 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD071708.D

Acq: 13 Jan 2022 14:22

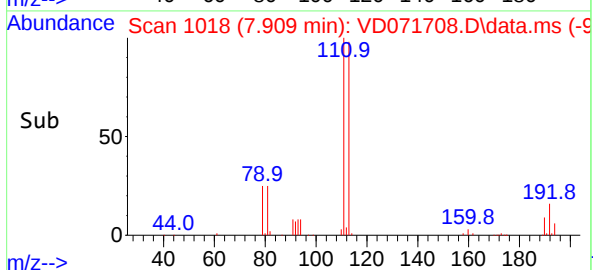
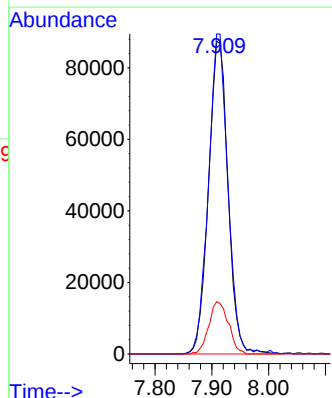
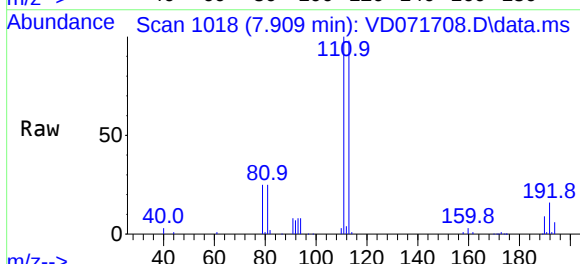
Tgt Ion:113 Resp: 207903

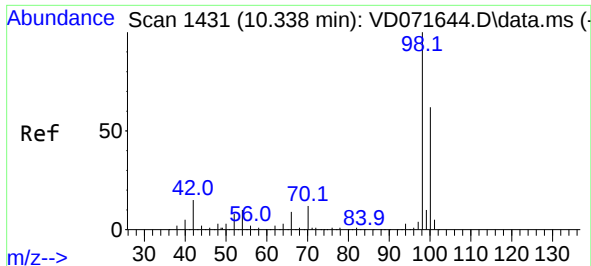
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 16.9 14.2 21.2

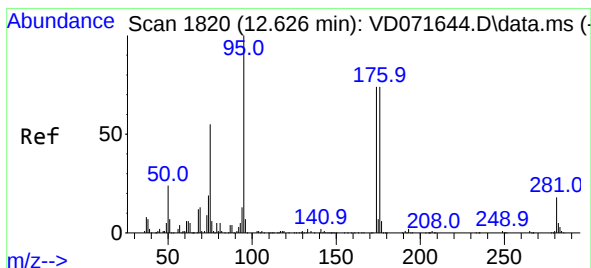
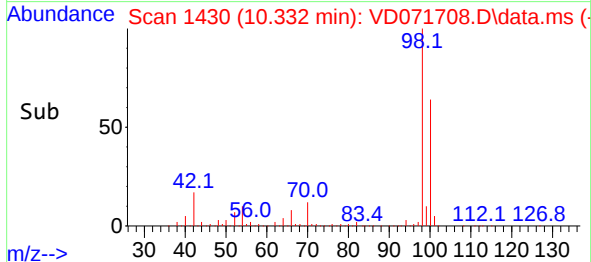
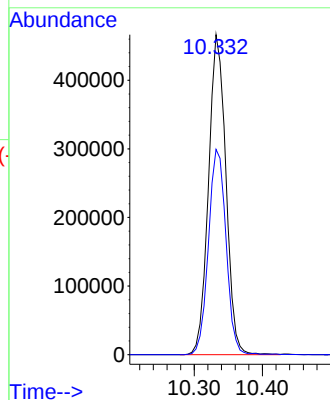
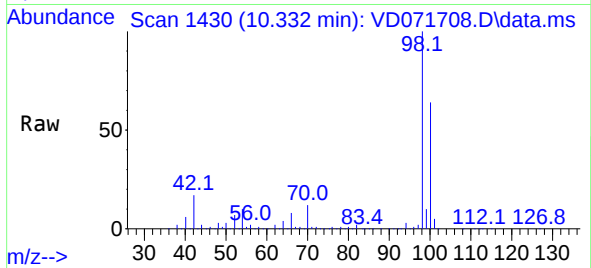




#50
Toluene-d8
Concen: 51.496 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071708.D
Acq: 13 Jan 2022 14:22

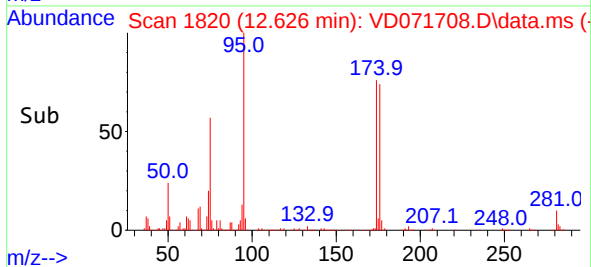
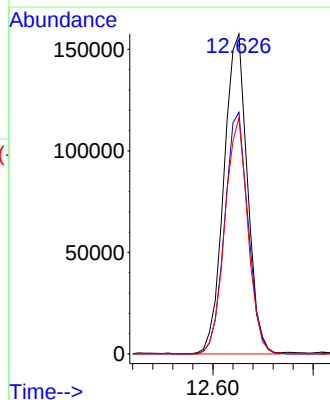
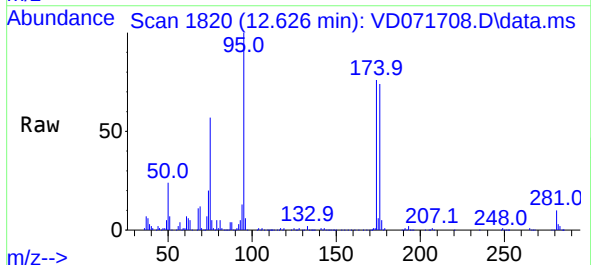
Instrument :
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VIBLK

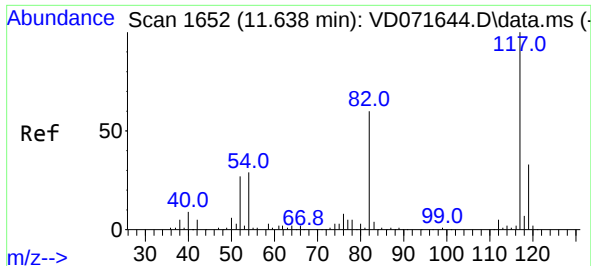
Tgt Ion: 98 Resp: 828776
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.281 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071708.D
Acq: 13 Jan 2022 14:22

Tgt Ion: 95 Resp: 256791
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.0
176 72.0 0.0 146.4

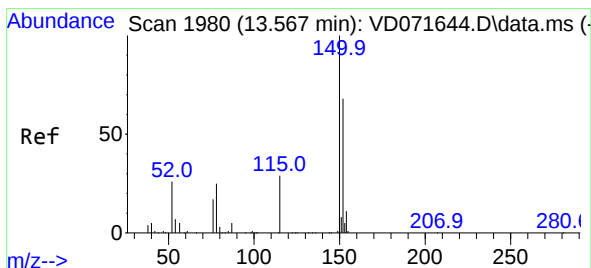
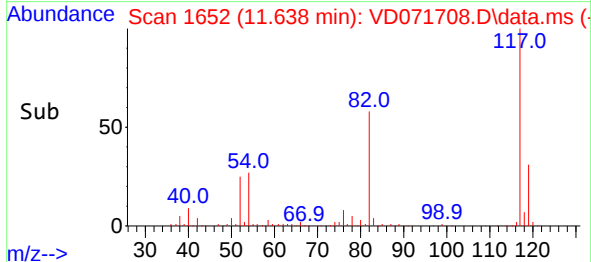
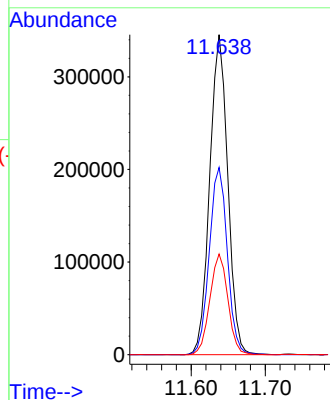
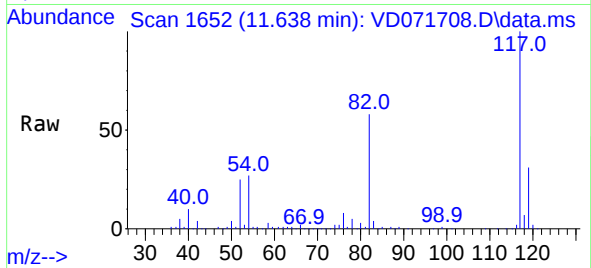




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071708.D
Acq: 13 Jan 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 584200
Ion Ratio Lower Upper
117 100
82 58.5 46.9 70.3
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071708.D
Acq: 13 Jan 2022 14:22

Tgt Ion:152 Resp: 252361
Ion Ratio Lower Upper
152 100
115 62.4 31.5 94.5
150 158.6 0.0 348.0

