

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071373.D
 Acq On : 16 Dec 2021 18:01
 Operator : VA/SY
 Sample : M5122-01
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 369

Quant Time: Dec 16 23:51:28 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	7.973	168	378696	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	668433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	588846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226414	50.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.900%
35) Dibromofluoromethane	7.908	113	210424	49.436	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.332	98	834189	51.499	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.620	95	250481	44.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.220%

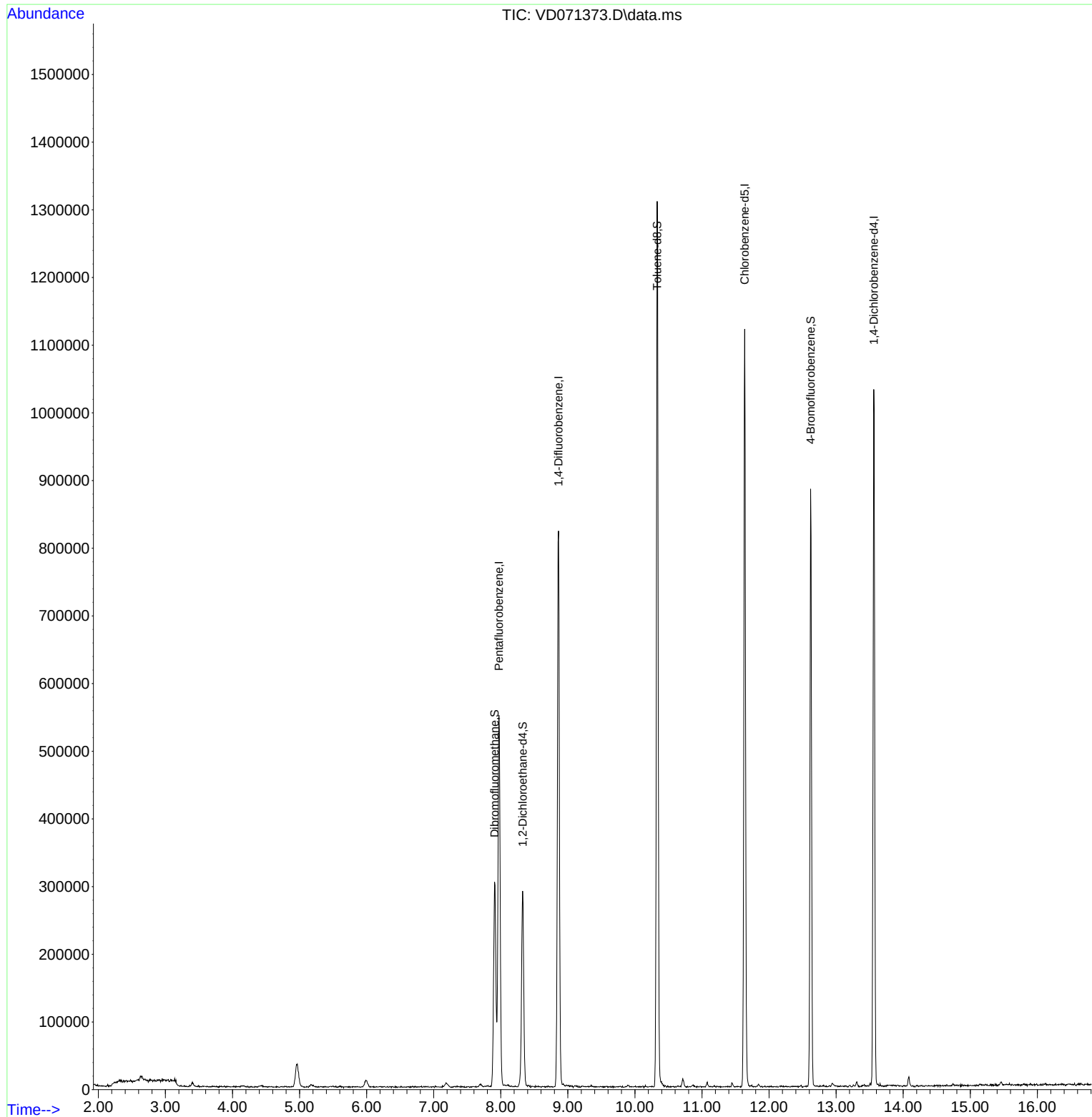
Target Compounds	Qvalue

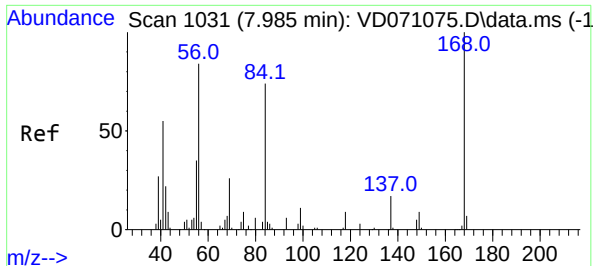
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

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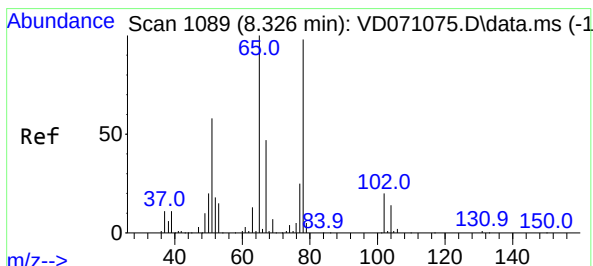
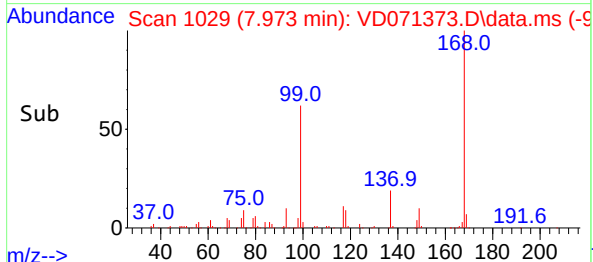
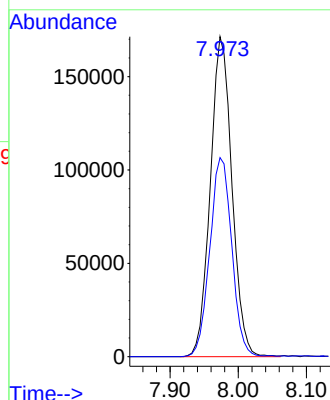
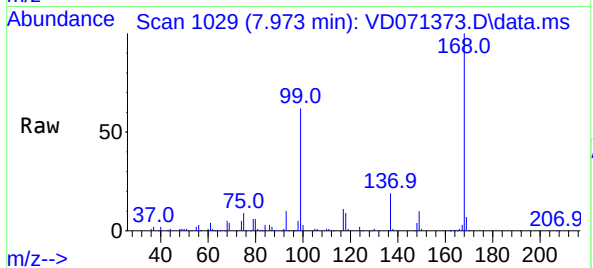
369

Tgt Ion:168 Resp: 378696

Ion Ratio Lower Upper

168 100

99 62.2 46.6 69.8



1,2-Dichloroethane-d4

Concen: 50.953 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071373.D

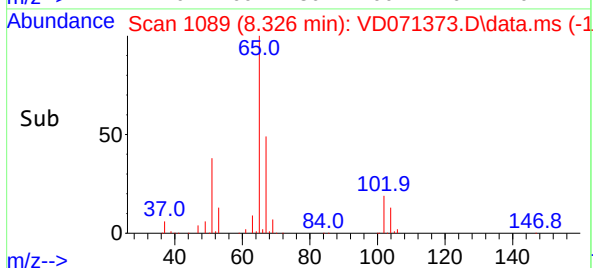
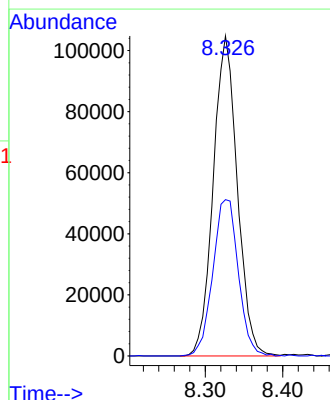
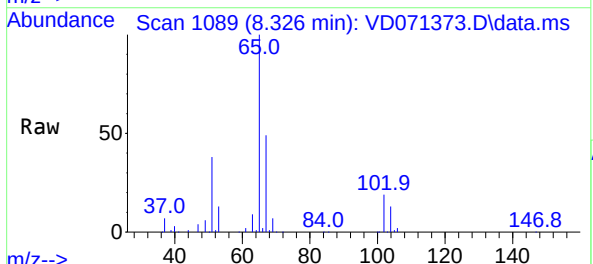
Acq: 16 Dec 2021 18:01

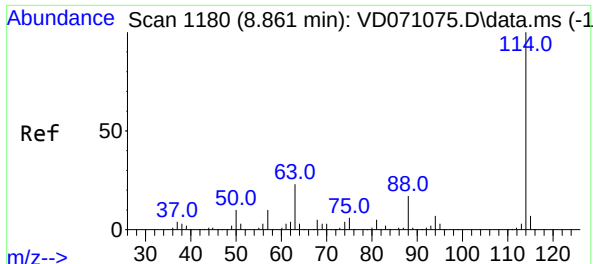
Tgt Ion: 65 Resp: 226414

Ion Ratio Lower Upper

65 100

67 51.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071373.D

Acq: 16 Dec 2021 18:01

Instrument :

MSVOA_D

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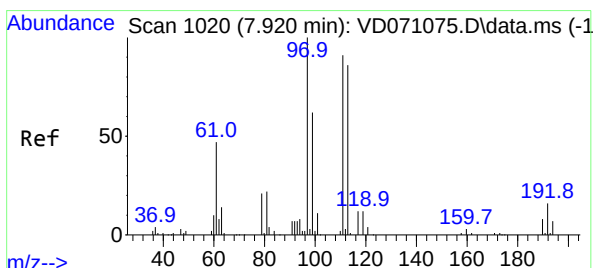
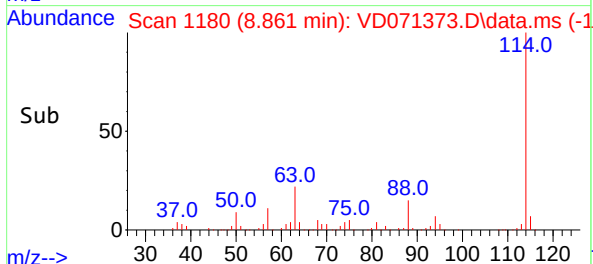
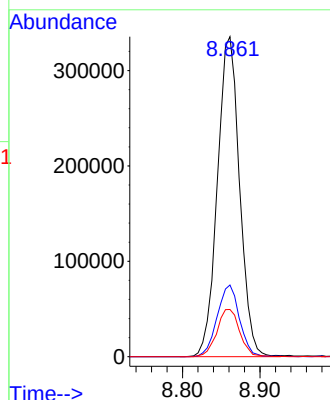
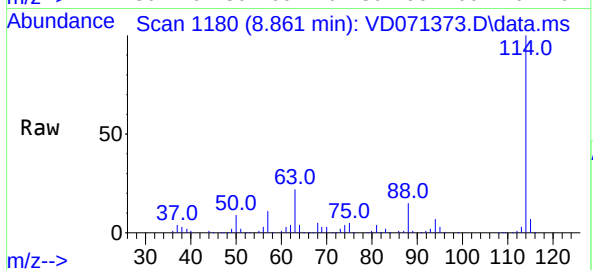
Tgt Ion:114 Resp: 668433

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 14.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.436 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071373.D

Acq: 16 Dec 2021 18:01

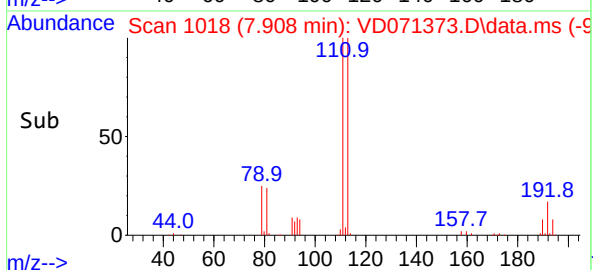
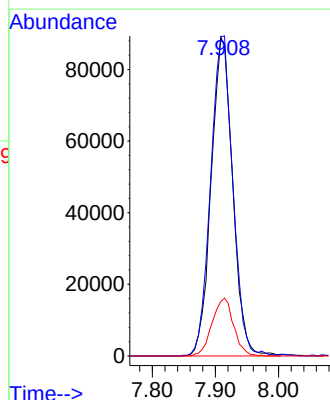
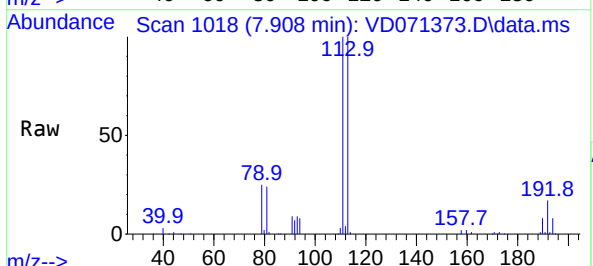
Tgt Ion:113 Resp: 210424

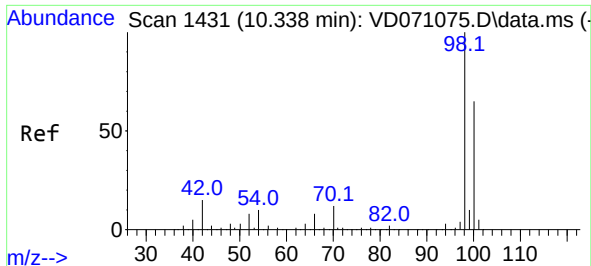
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 18.1 15.2 22.8

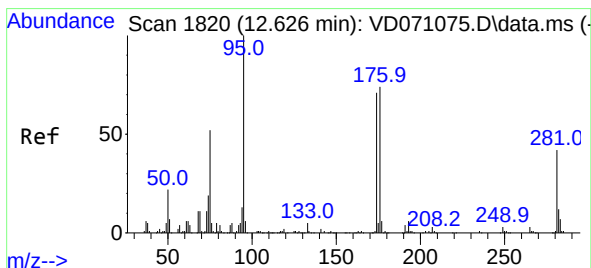
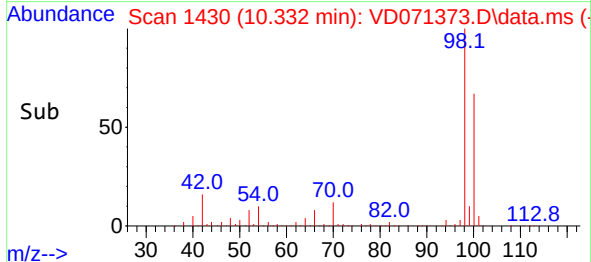
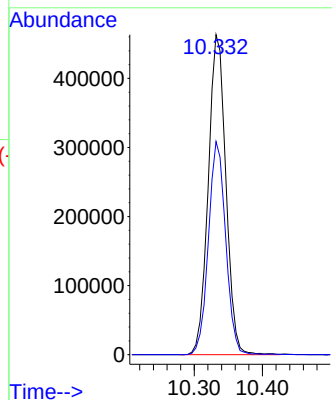
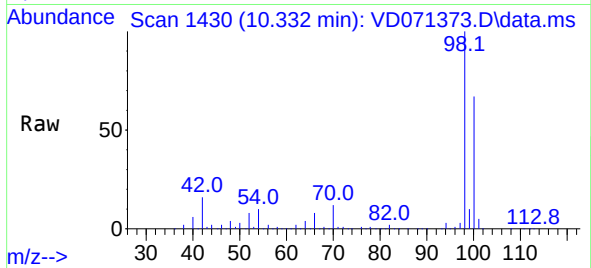




#50
Toluene-d8
Concen: 51.499 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071373.D
Acq: 16 Dec 2021 18:01

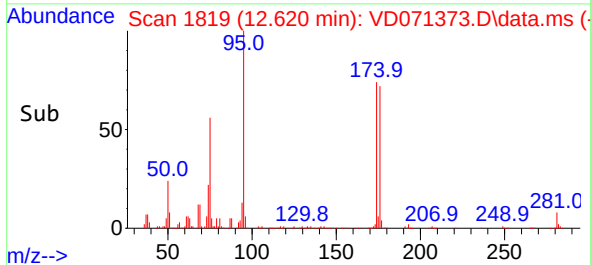
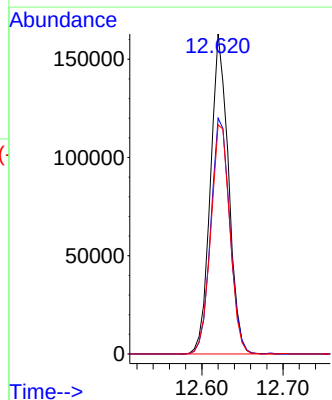
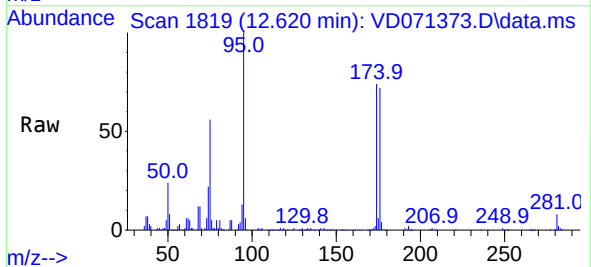
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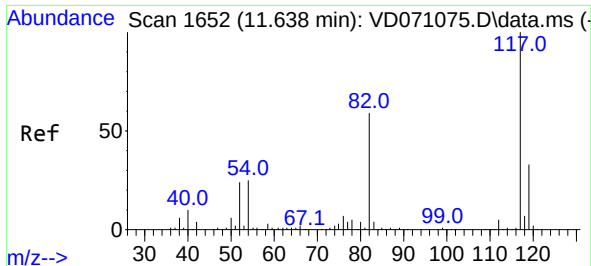
Tgt Ion: 98 Resp: 834189
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071373.D
Acq: 16 Dec 2021 18:01

Tgt Ion: 95 Resp: 250481
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 75.9 0.0 154.0

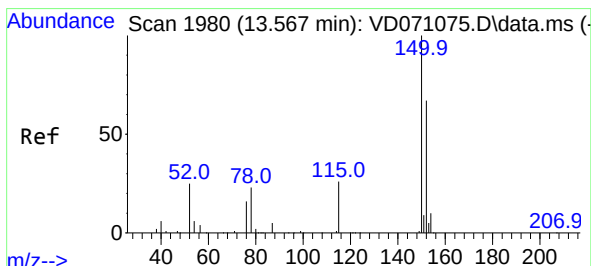
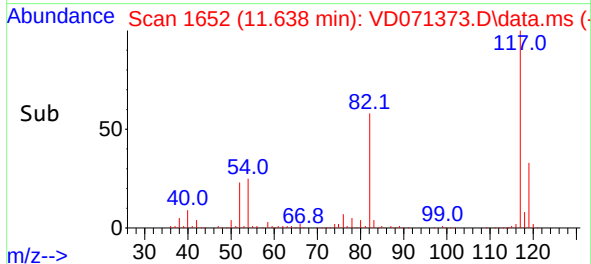
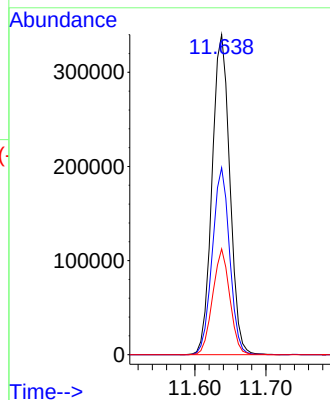
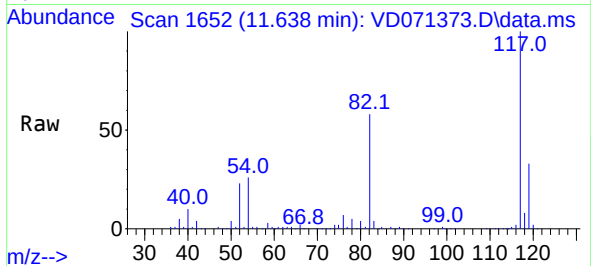




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071373.D
Acq: 16 Dec 2021 18:01

Instrument :
MSVOA_D
ClientSampleId :
369

Tgt Ion:117 Resp: 588846
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071373.D
Acq: 16 Dec 2021 18:01

Tgt Ion:152 Resp: 246709
Ion Ratio Lower Upper
152 100
115 62.8 29.8 89.3
150 163.9 0.0 349.2

