

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071163.D
 Acq On : 06 Dec 2021 10:59
 Operator : VA/SY
 Sample : VD1206SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1206SBL01

Quant Time: Dec 07 06:49:56 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	223286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	386647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	357110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	157069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140199	53.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.020%
35) Dibromofluoromethane	7.914	113	129358	52.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.332	98	455794	48.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.626	95	159041	48.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.940%

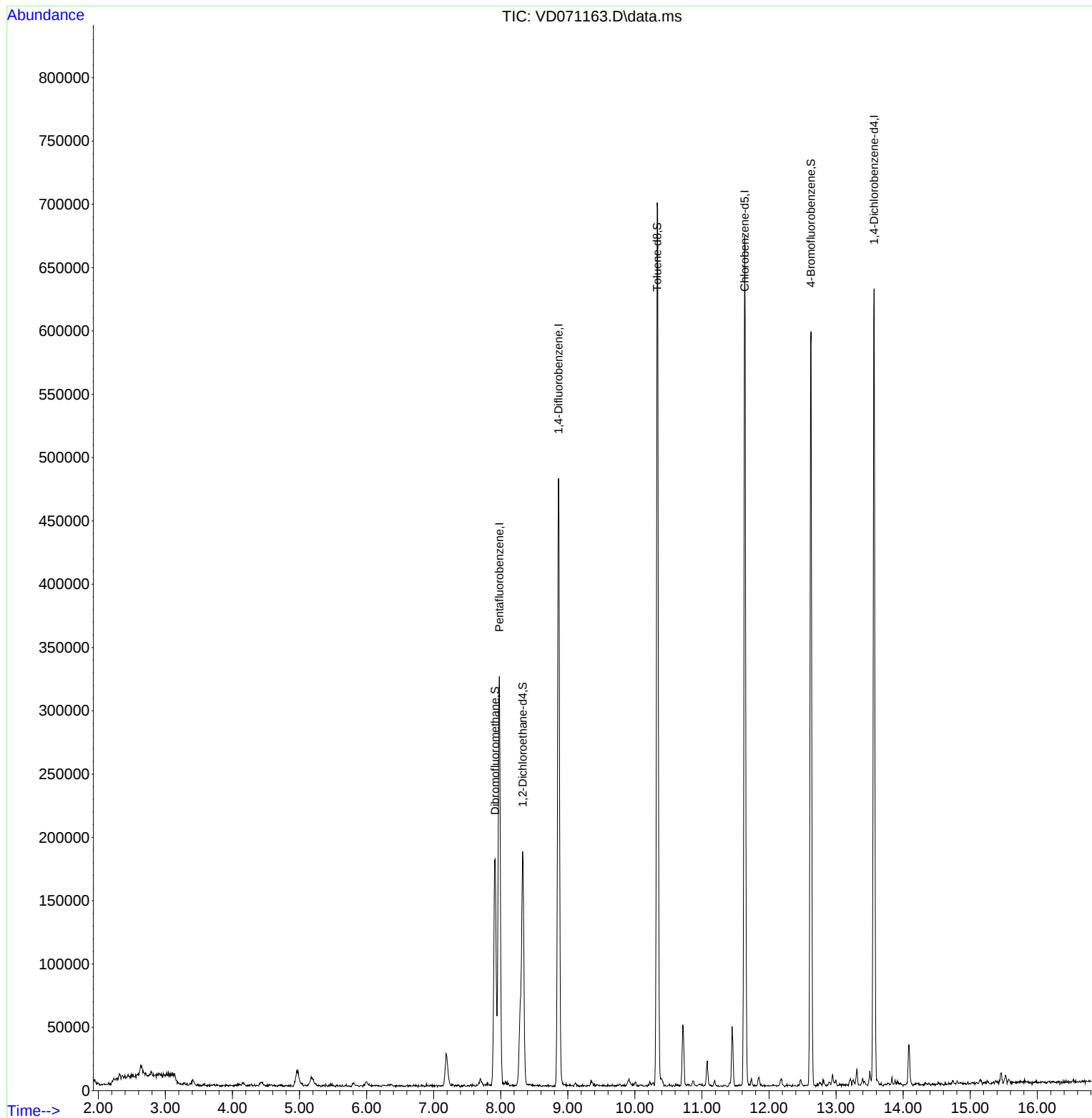
Target Compounds	Qvalue

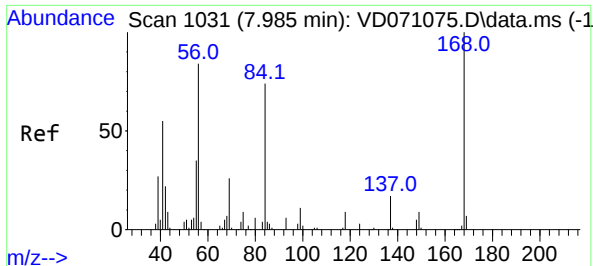
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071163.D

Acq: 06 Dec 2021 10:59

Instrument :

MSVOA_D

ClientSampleId :

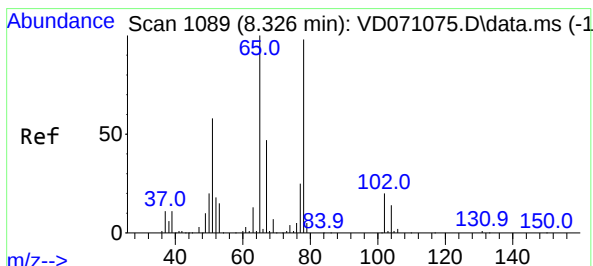
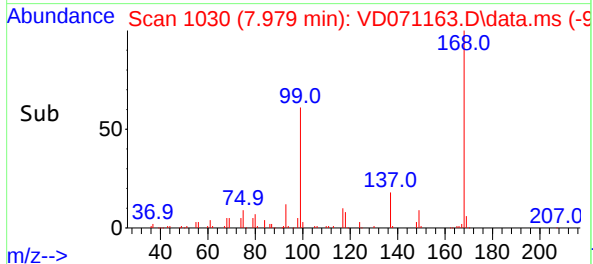
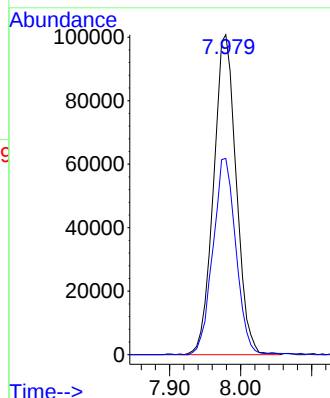
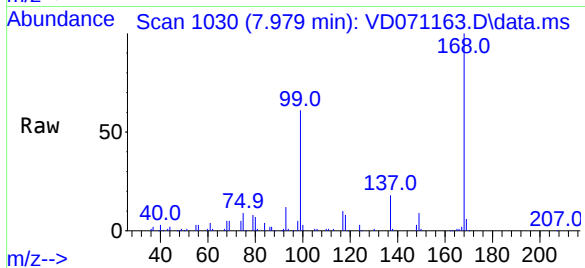
VD1206SBL01

Tgt Ion:168 Resp: 223286

Ion Ratio Lower Upper

168 100

99 61.1 46.6 69.8



1,2-Dichloroethane-d4

Concen: 53.511 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071163.D

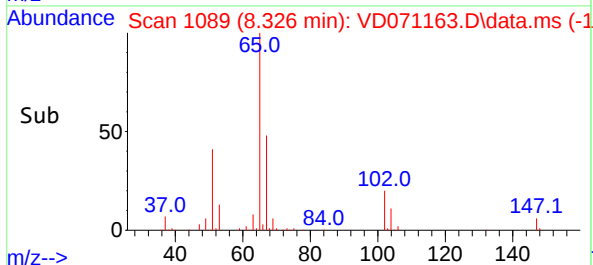
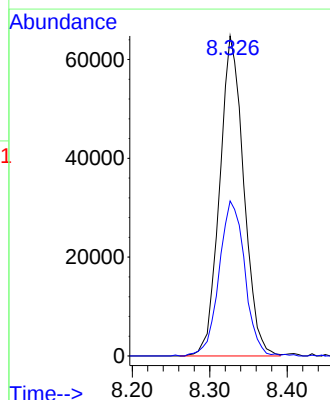
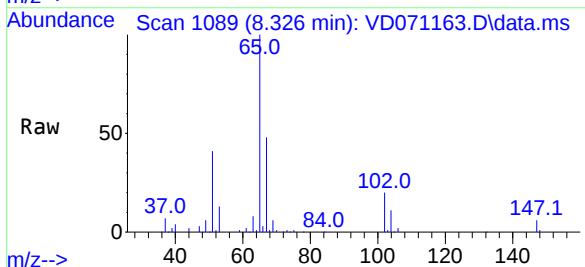
Acq: 06 Dec 2021 10:59

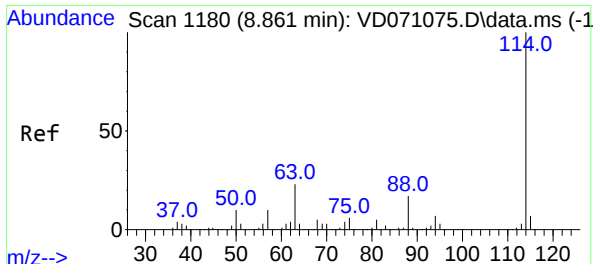
Tgt Ion: 65 Resp: 140199

Ion Ratio Lower Upper

65 100

67 51.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071163.D

Acq: 06 Dec 2021 10:59

Instrument :

MSVOA_D

ClientSampleId :

VD1206SBL01

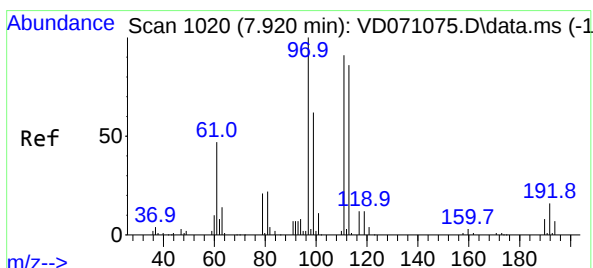
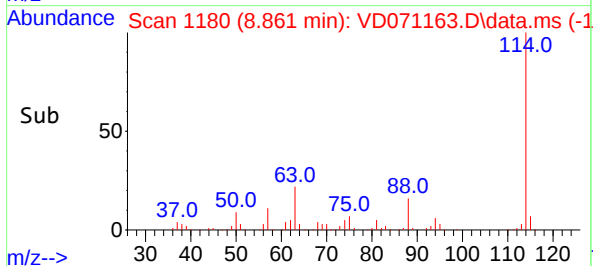
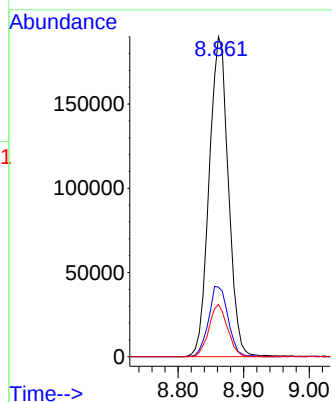
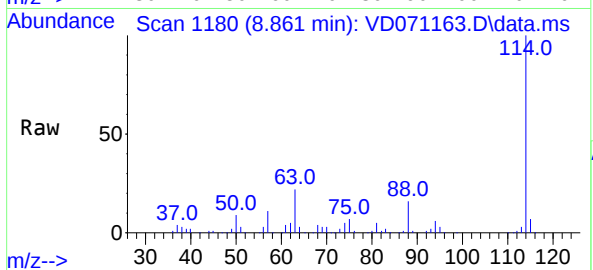
Tgt Ion:114 Resp: 386647

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.539 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071163.D

Acq: 06 Dec 2021 10:59

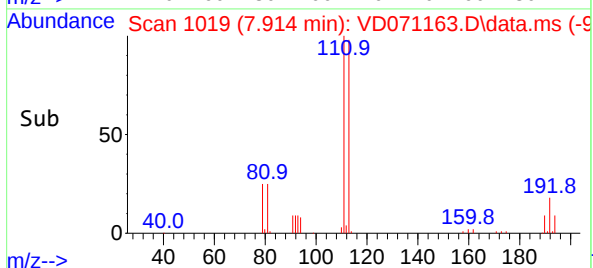
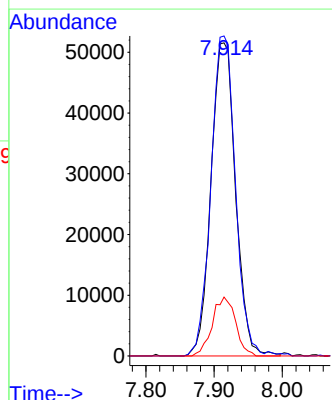
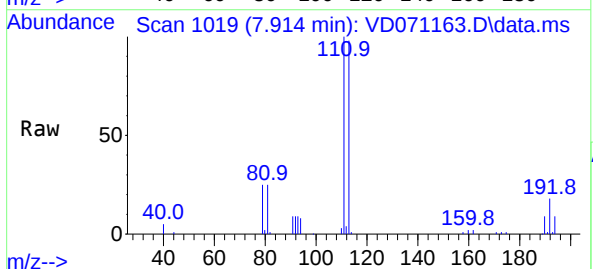
Tgt Ion:113 Resp: 129358

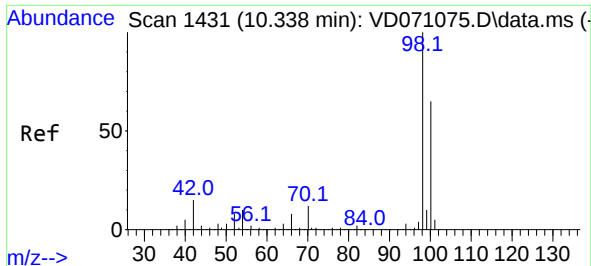
Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

192 17.8 15.2 22.8

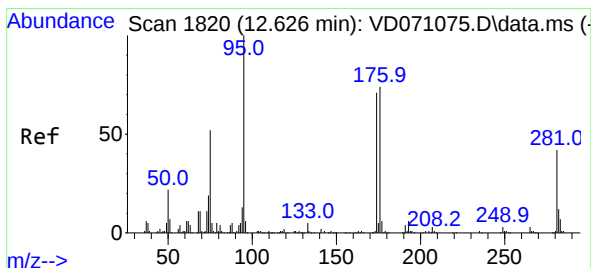
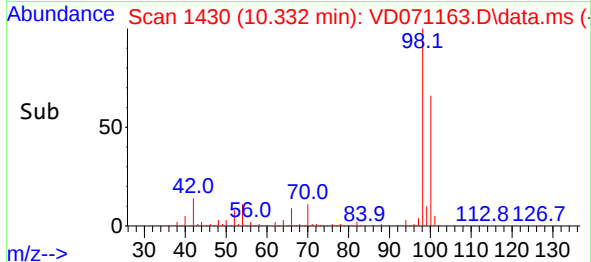
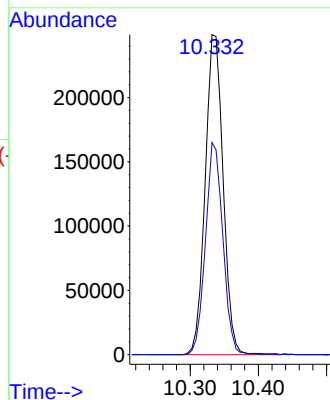
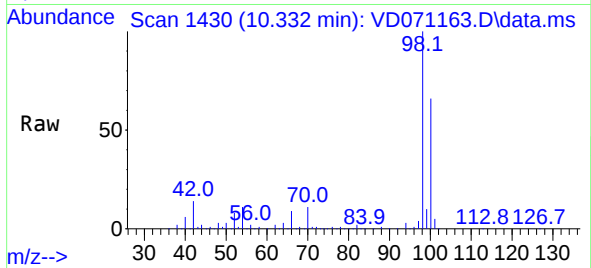




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071163.D
Acq: 06 Dec 2021 10:59

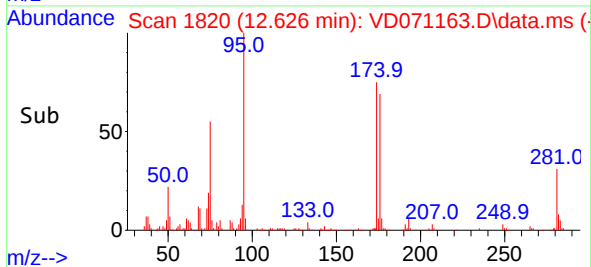
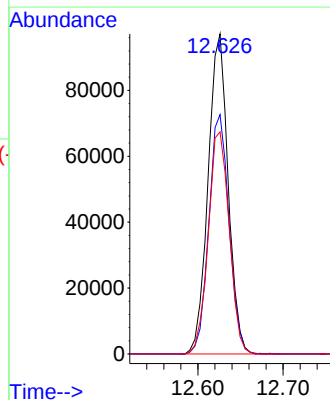
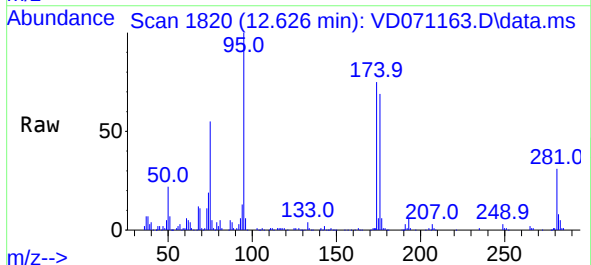
Instrument :
MSVOA_D
ClientSampleId :
VD1206SBL01

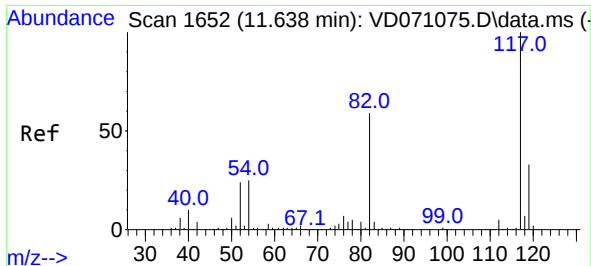
Tgt Ion: 98 Resp: 455794
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071163.D
Acq: 06 Dec 2021 10:59

Tgt Ion: 95 Resp: 159041
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 72.2 0.0 154.0

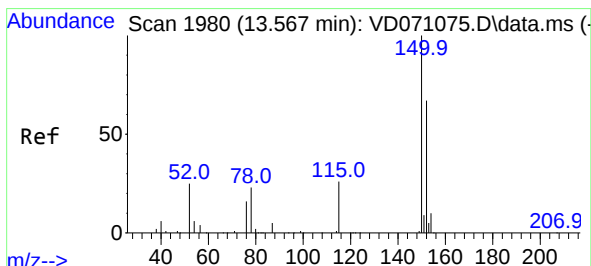
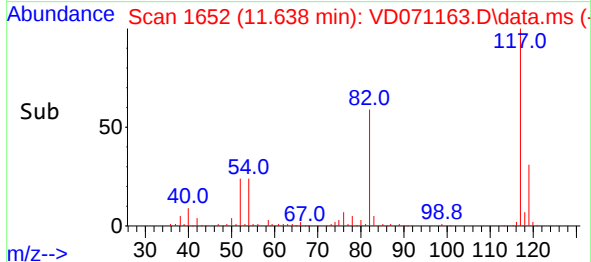
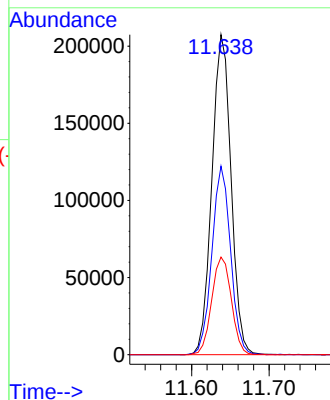
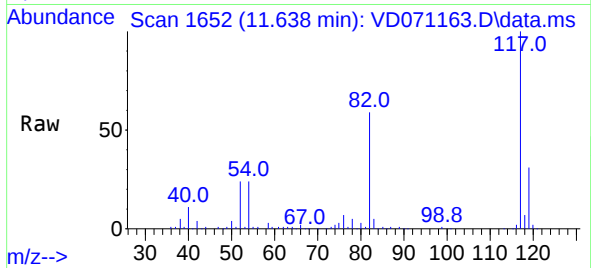




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071163.D
Acq: 06 Dec 2021 10:59

Instrument :
MSVOA_D
ClientSampleId :
VD1206SBL01

Tgt Ion:117 Resp: 357110
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 30.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071163.D
Acq: 06 Dec 2021 10:59

Tgt Ion:152 Resp: 157069
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 153.9 0.0 349.2

