

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072121.D
 Acq On : 28 Feb 2022 14:31
 Operator : VA/SY
 Sample : N1678-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-022522

Quant Time: Mar 01 08:12:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	537265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	936485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	900493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	416241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262939	47.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.360%
35) Dibromofluoromethane	7.914	113	286159	50.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.332	98	1145968	54.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.920%
62) 4-Bromofluorobenzene	12.626	95	407895	52.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.540%

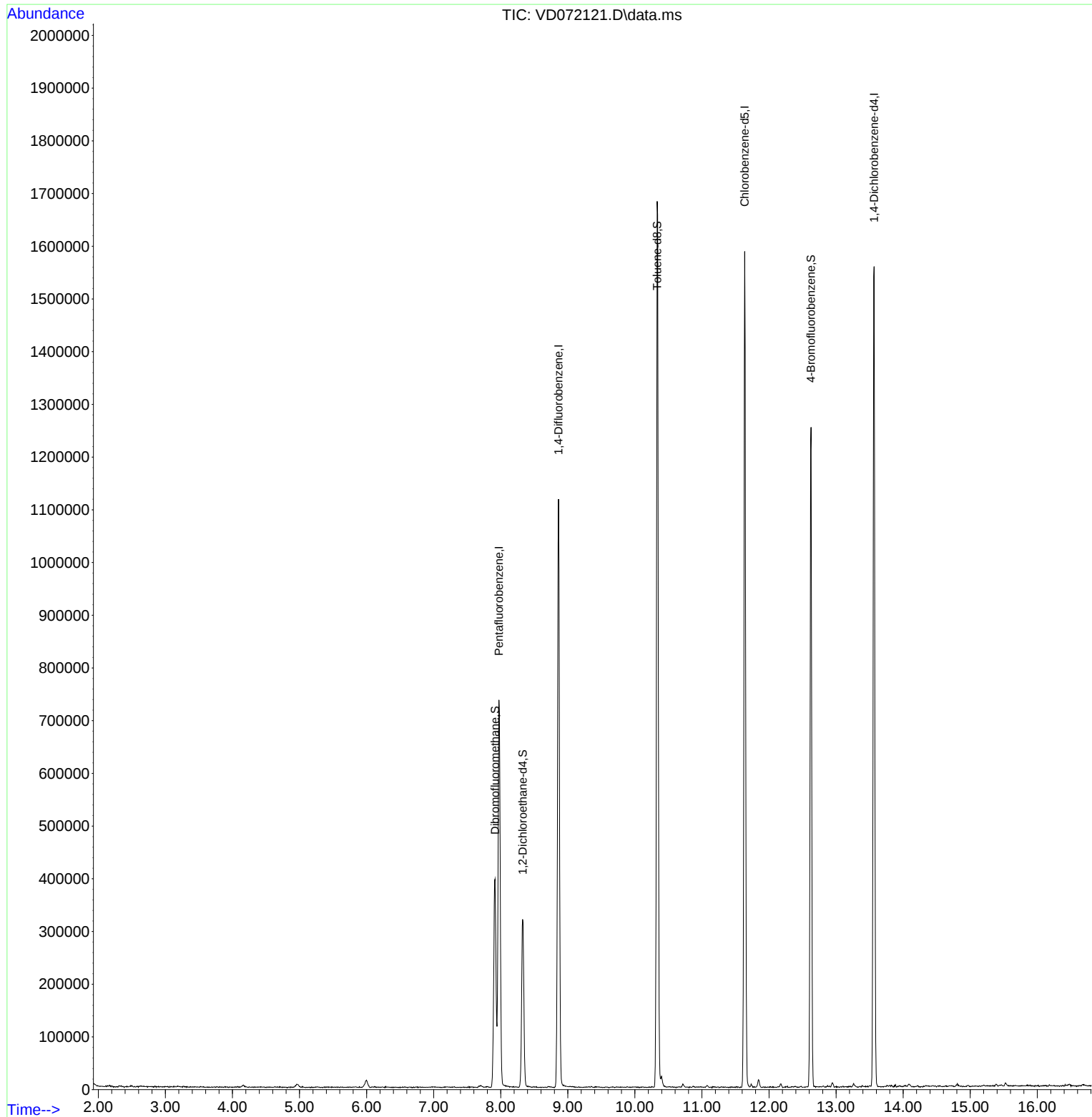
Target Compounds	Qvalue

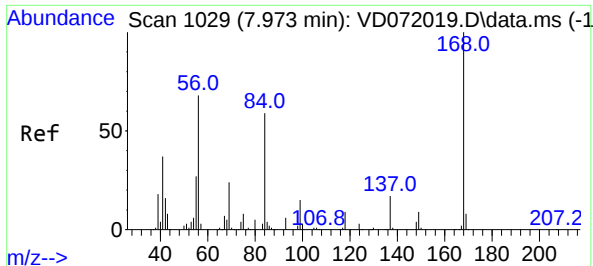
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072121.D

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Instrument :

MSVOA_D

ClientSampleId :

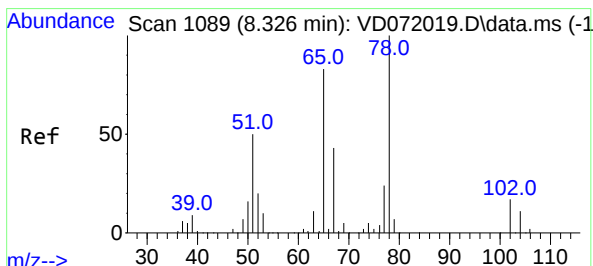
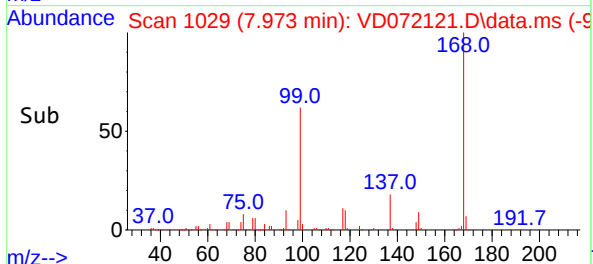
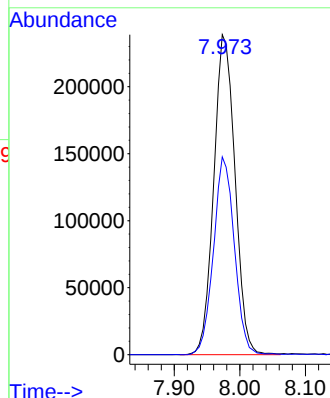
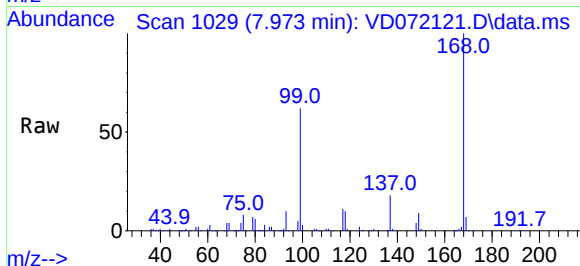
OK-02-022522

Tgt Ion:168 Resp: 537265

Ion Ratio Lower Upper

168 100

99 61.8 47.1 70.7



1,2-Dichloroethane-d4

Concen: 47.181 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072121.D

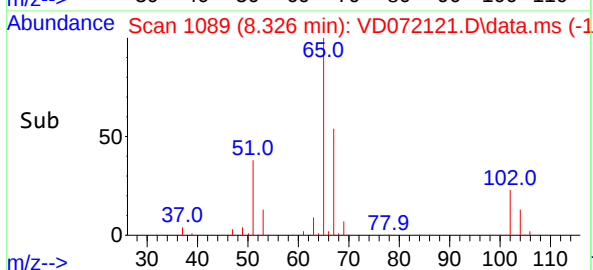
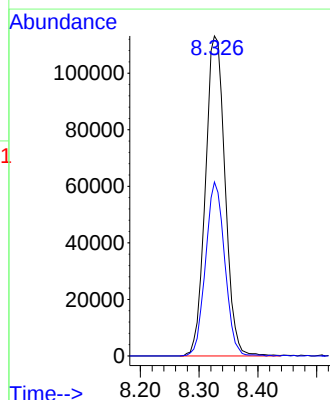
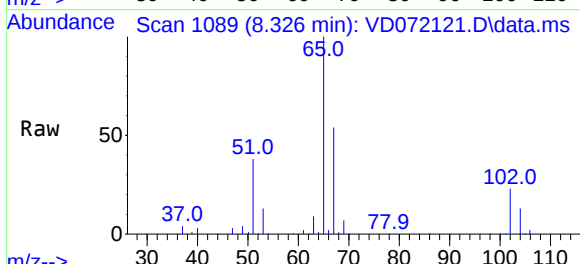
Acq: 28 Feb 2022 14:31

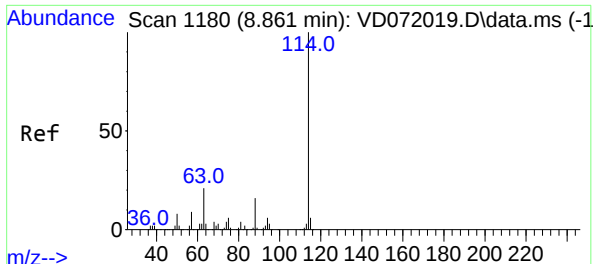
Tgt Ion: 65 Resp: 262939

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072121.D

Acq: 28 Feb 2022 14:31

Instrument :

MSVOA_D

ClientSampleId :

OK-02-022522

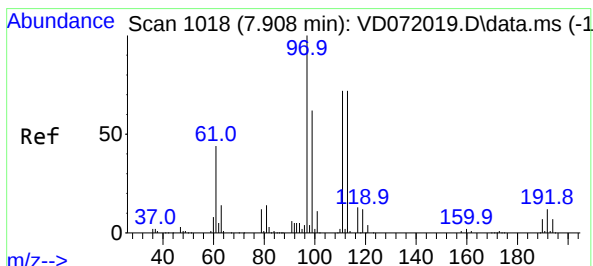
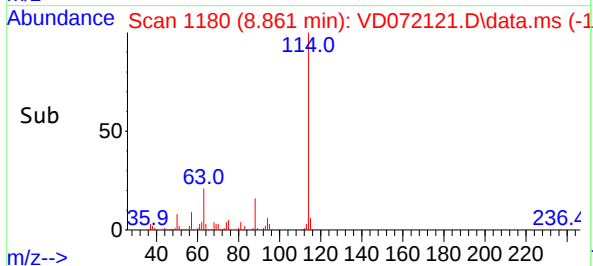
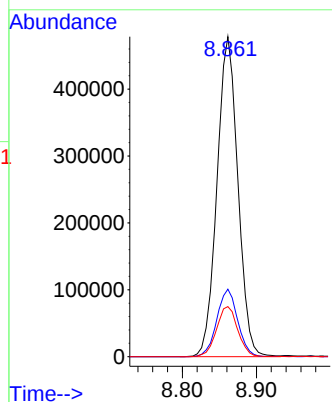
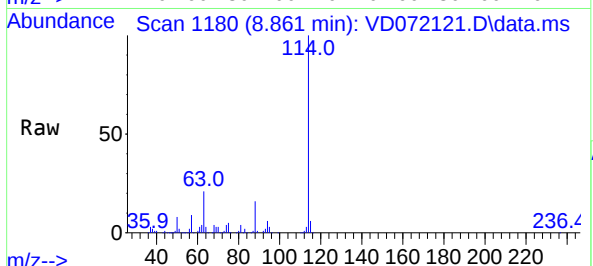
Tgt Ion:114 Resp: 936485

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 15.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.434 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072121.D

Acq: 28 Feb 2022 14:31

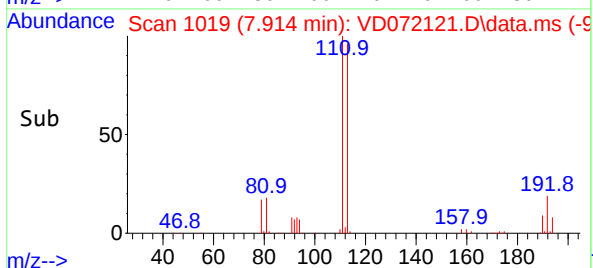
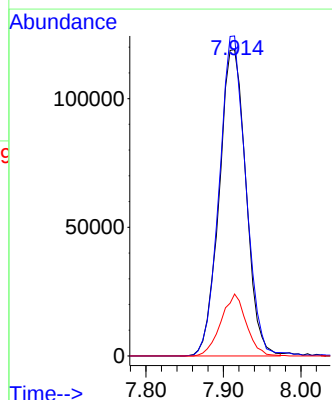
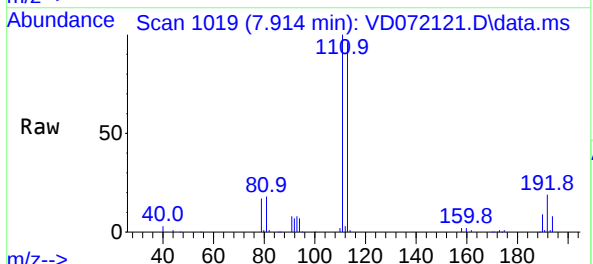
Tgt Ion:113 Resp: 286159

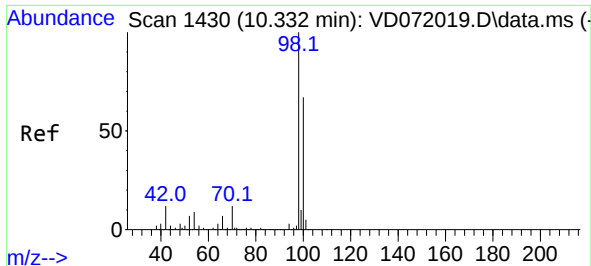
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 19.2 15.3 22.9

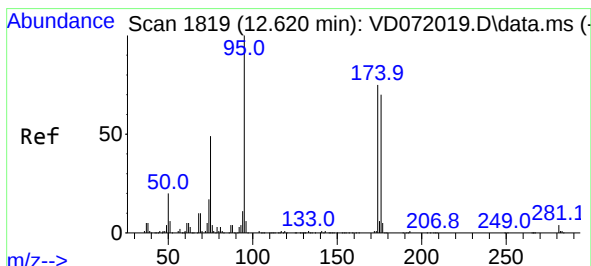
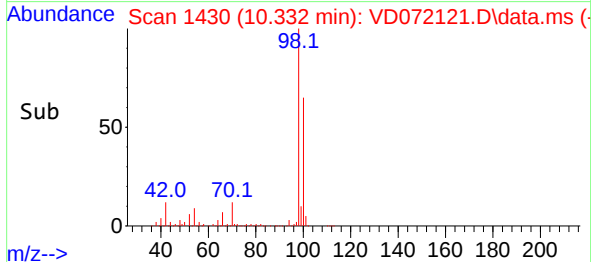
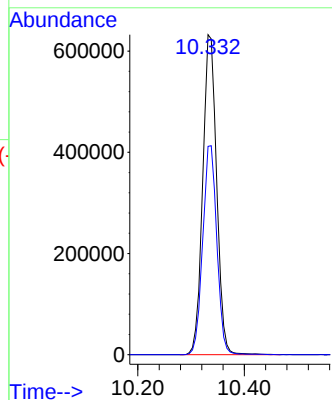
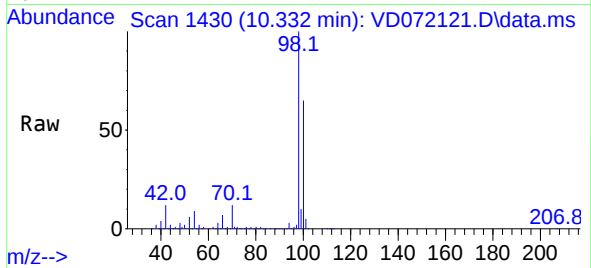




#50
Toluene-d8
Concen: 54.463 ug/l
RT: 10.332 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD072121.D
Acq: 28 Feb 2022 14:31

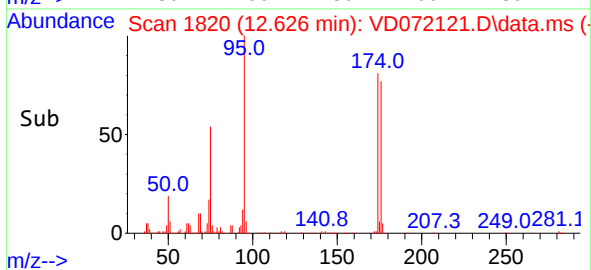
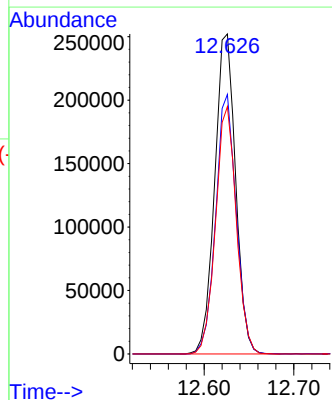
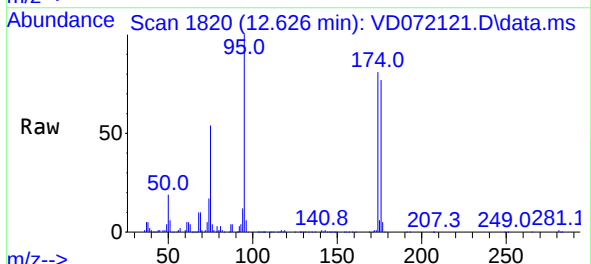
Instrument :
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OK-02-022522

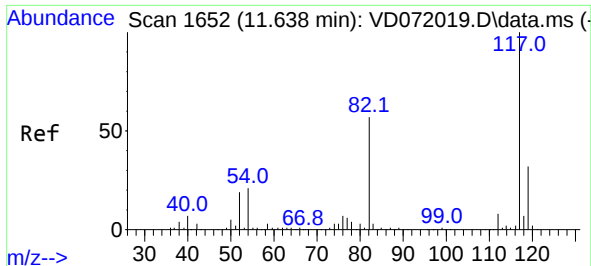
Tgt Ion: 98 Resp: 1145968
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 52.775 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072121.D
Acq: 28 Feb 2022 14:31

Tgt Ion: 95 Resp: 407895
Ion Ratio Lower Upper
95 100
174 79.7 0.0 155.0
176 76.5 0.0 148.8

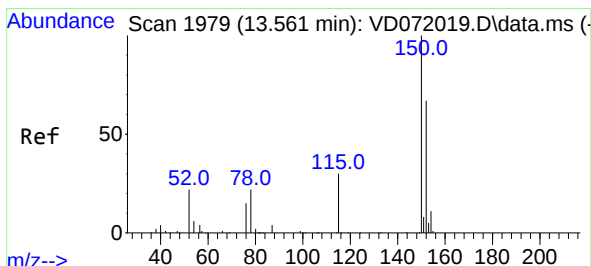
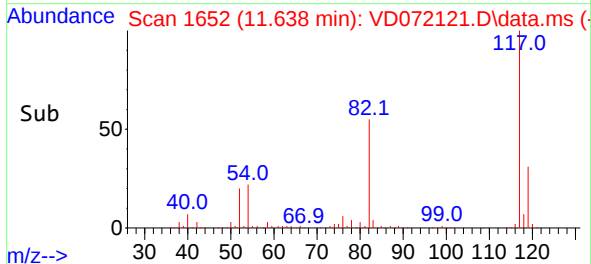
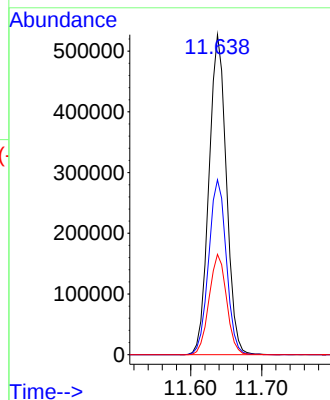
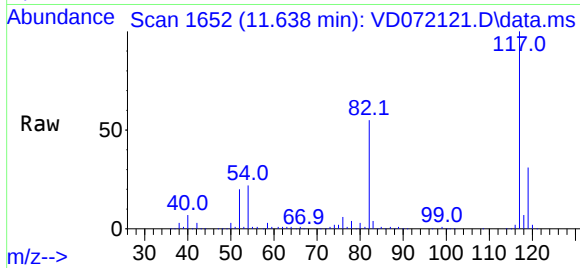




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072121.D
Acq: 28 Feb 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
OK-02-022522

Tgt Ion:117 Resp: 900493
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072121.D
Acq: 28 Feb 2022 14:31

Tgt Ion:152 Resp: 416241
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 157.4 0.0 347.6

