

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020943.D
 Acq On : 22 Nov 2021 17:49
 Operator : SY/VA
 Sample : M4814-01
 Misc : 5.09g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-1-112221

Quant Time: Nov 23 02:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	51654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	81515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	73205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	33527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	24194	50.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.884	113	23169	45.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.323	98	82245	43.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.615	95	27872	39.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.700%

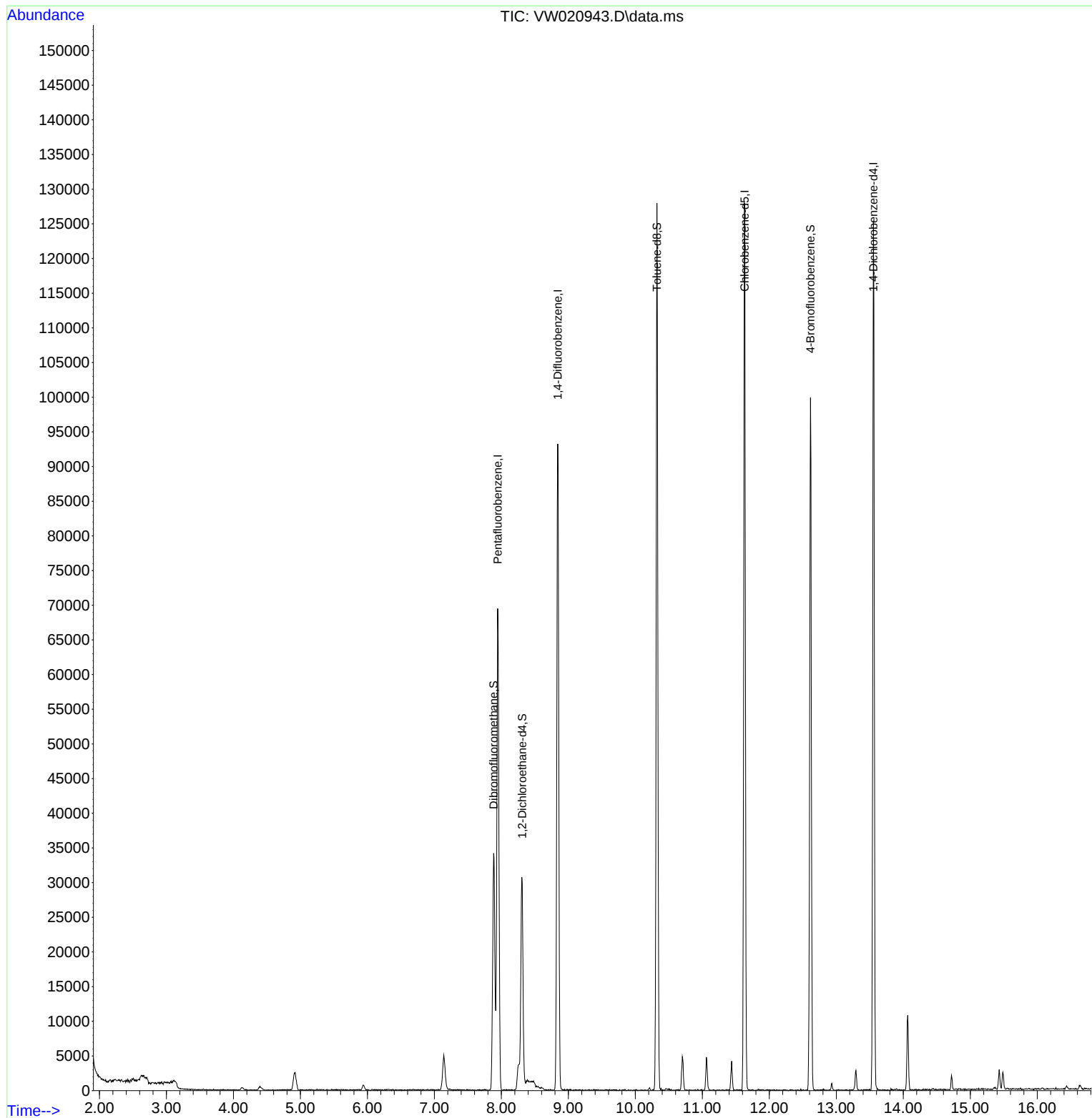
Target Compounds	Qvalue

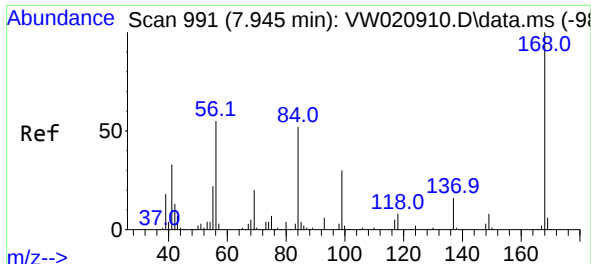
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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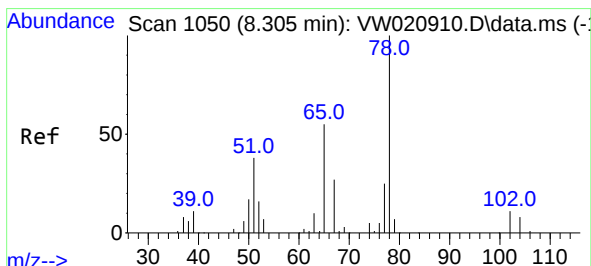
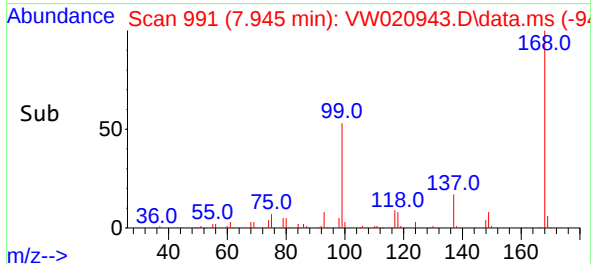
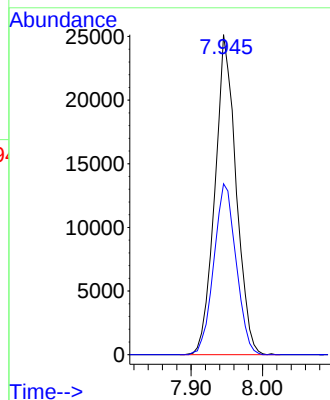
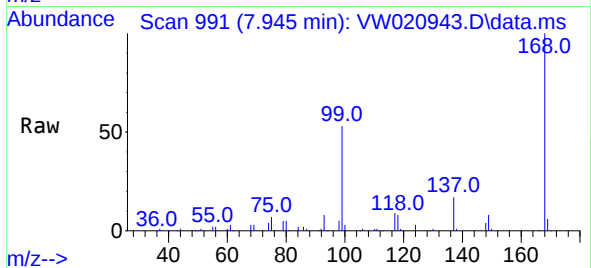




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

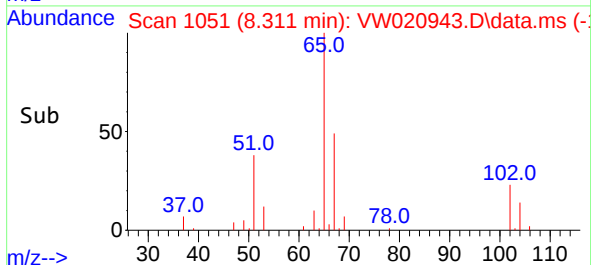
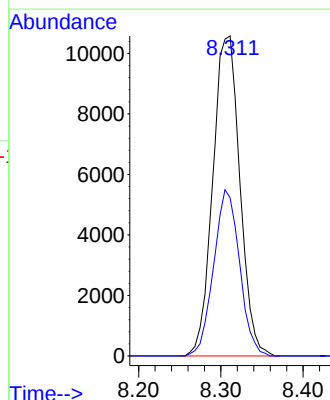
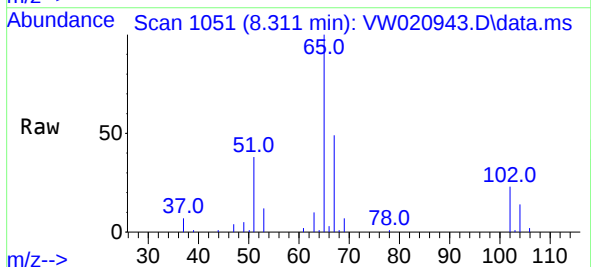
Instrument :
MSVOA_W
ClientSampleId :
PL-1-112221

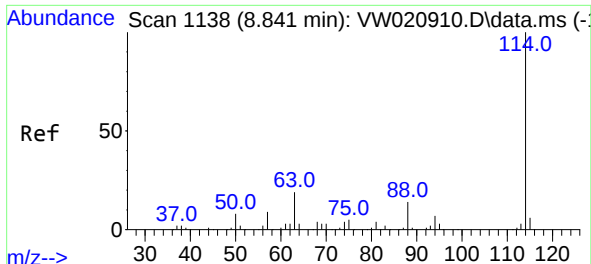
Tgt Ion:168 Resp: 51654
Ion Ratio Lower Upper
168 100
99 53.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.565 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion: 65 Resp: 24194
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.2

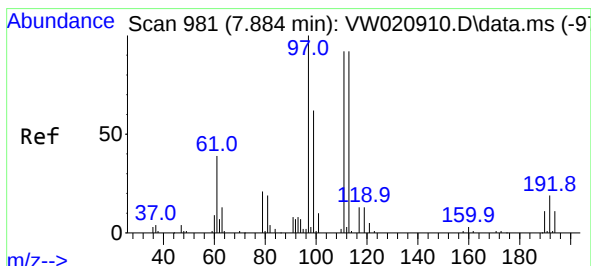
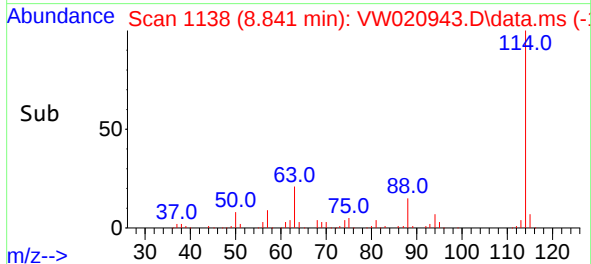
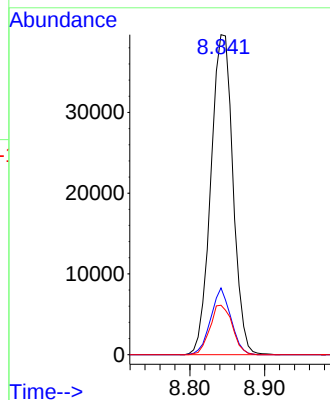
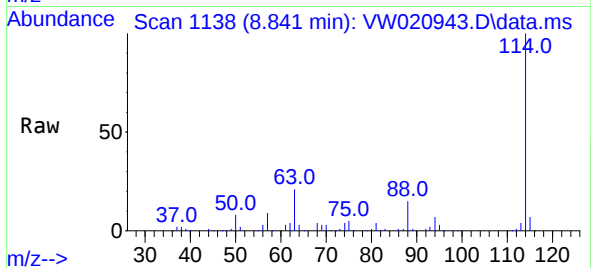




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

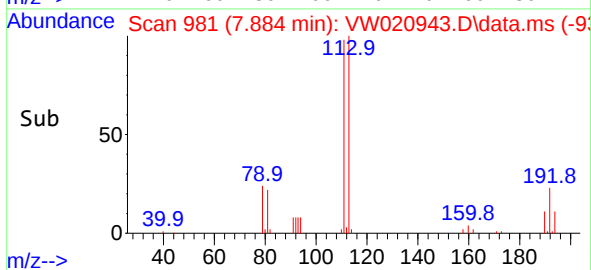
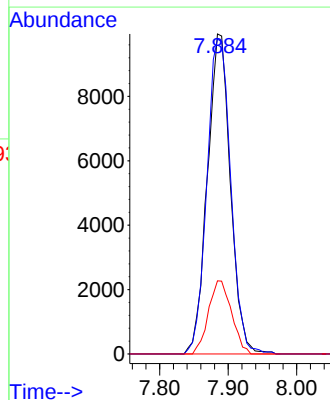
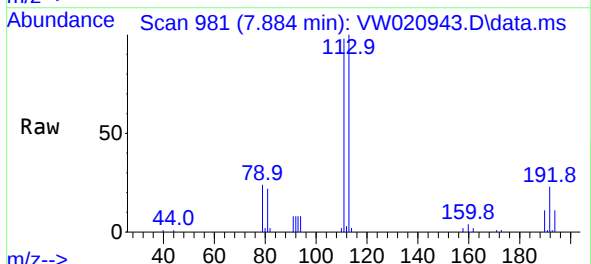
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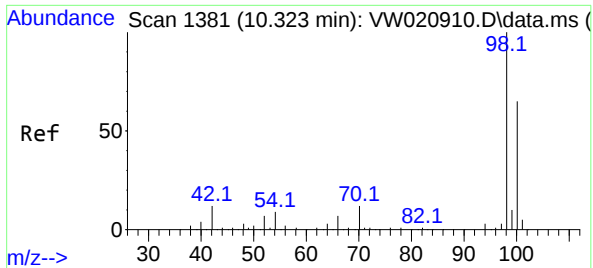
Tgt Ion:114 Resp: 81515
Ion Ratio Lower Upper
114 100
63 20.9 0.0 37.2
88 15.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 45.313 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion:113 Resp: 23169
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 22.9 16.8 25.2

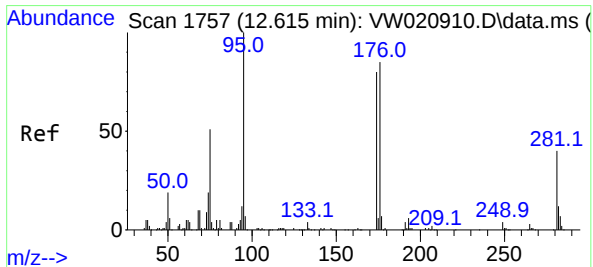
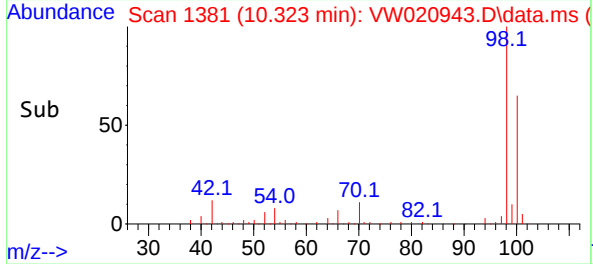
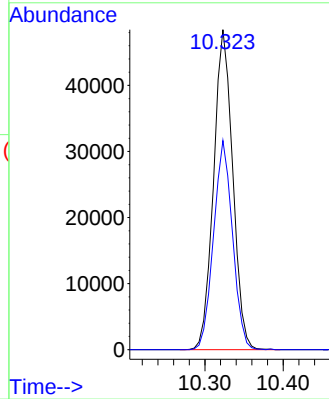
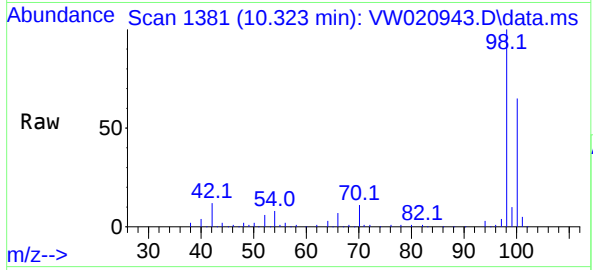




#50
Toluene-d8
Concen: 43.858 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

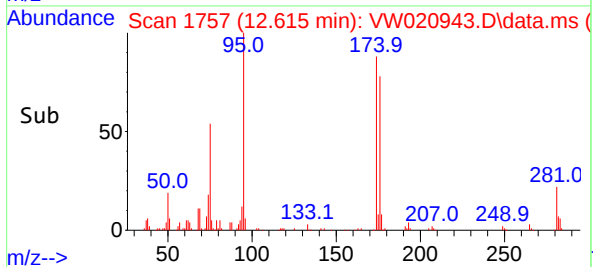
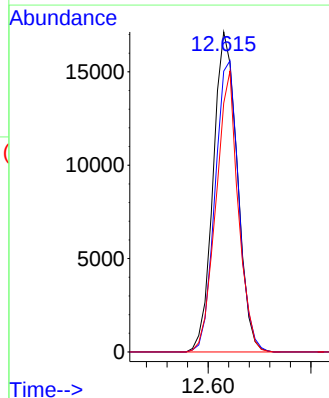
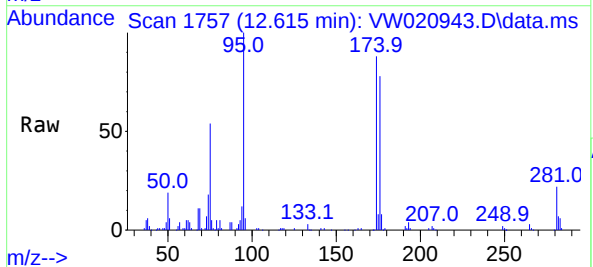
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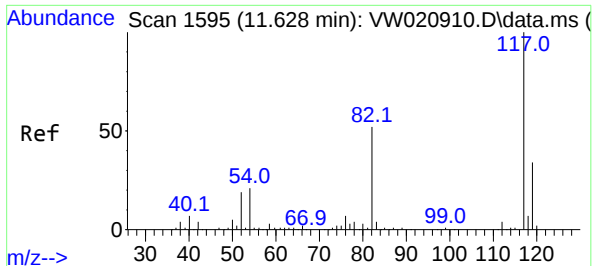
Tgt Ion: 98 Resp: 82245
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 39.853 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion: 95 Resp: 27872
Ion Ratio Lower Upper
95 100
174 89.1 0.0 171.2
176 80.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020943.D

Acq: 22 Nov 2021 17:49

Instrument :

MSVOA_W

ClientSampleId :

PL-1-112221

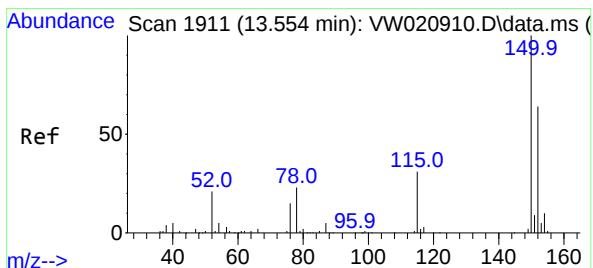
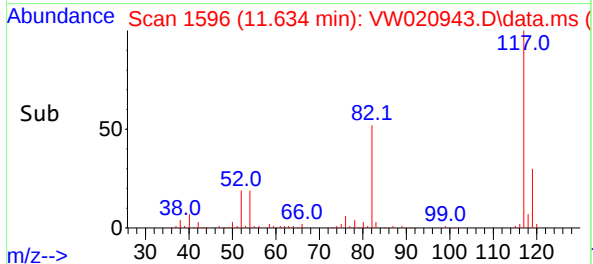
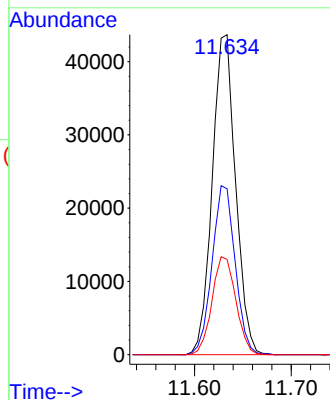
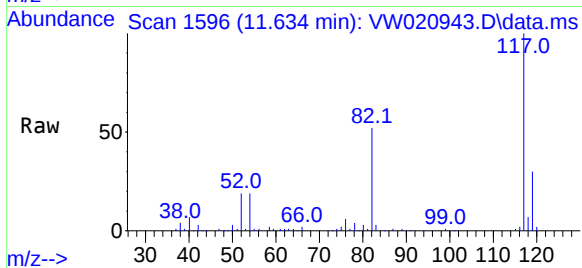
Tgt Ion:117 Resp: 73205

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.2

119 29.8 27.2 40.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VW020943.D

Acq: 22 Nov 2021 17:49

Tgt Ion:152 Resp: 33527

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

150 155.0 0.0 348.4

