

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021739.D
 Acq On : 05 Jan 2022 18:33
 Operator : SY/VA
 Sample : M5342-03
 Misc : 5.68g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(0-2)

Quant Time: Jan 06 05:53:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	146130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	236094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	213177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	95133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	67205	52.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.360%
35) Dibromofluoromethane	7.884	113	69201	47.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.180%
50) Toluene-d8	10.323	98	248840	46.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.615	95	85859	43.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.980%

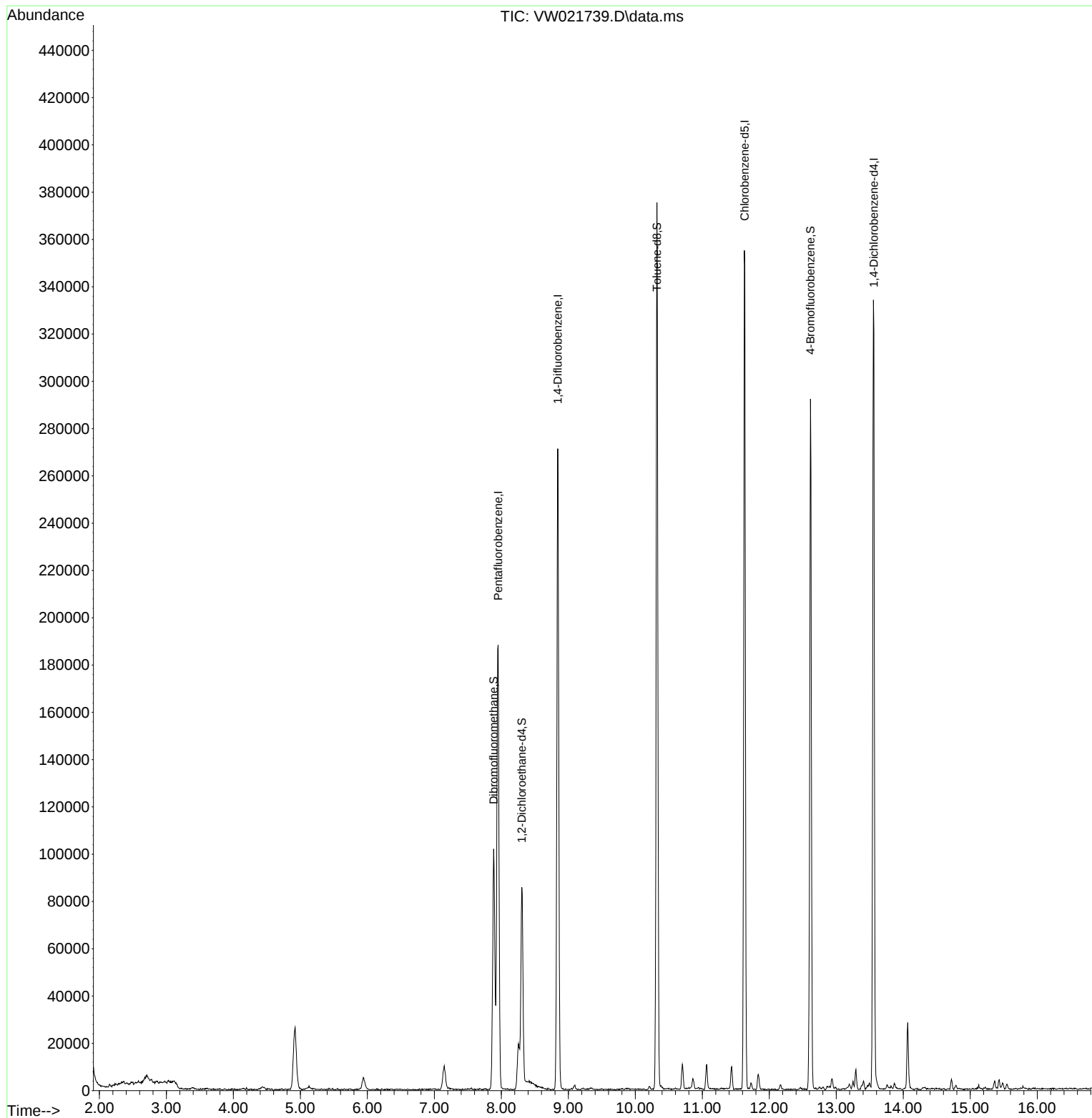
Target Compounds	Qvalue

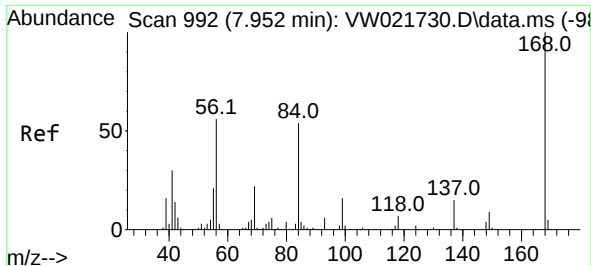
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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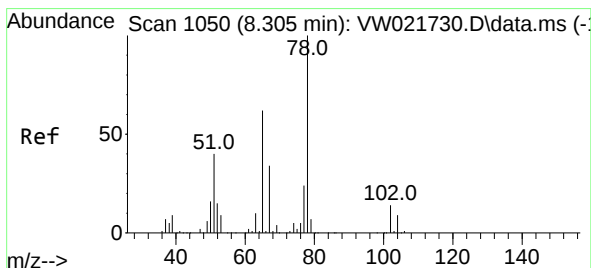
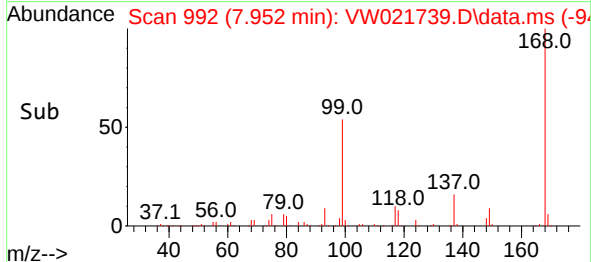
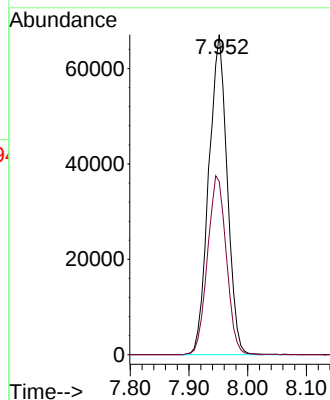
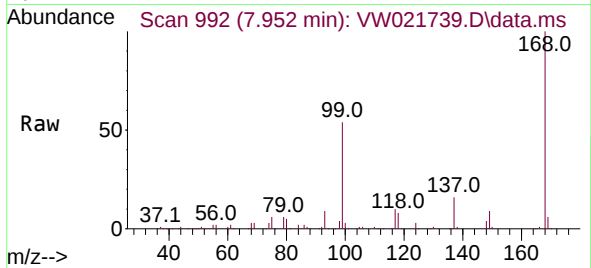




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.007 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

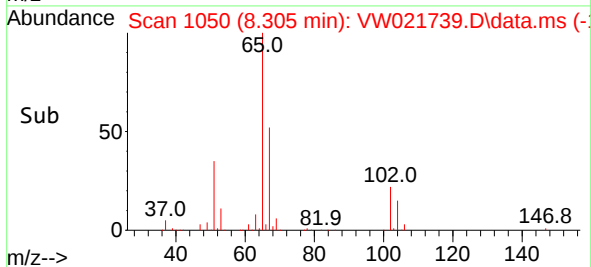
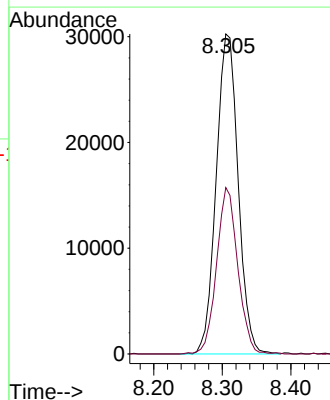
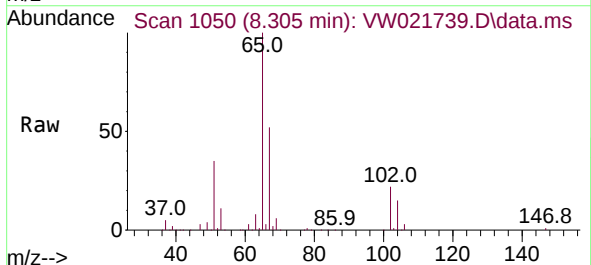
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

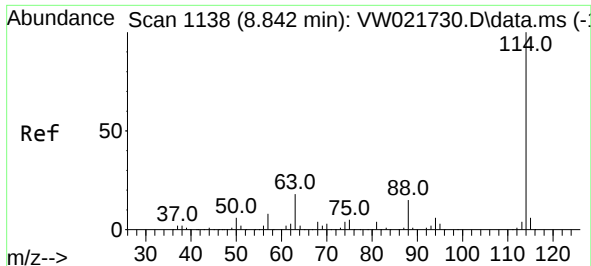
Tgt Ion:168 Resp: 146130
Ion Ratio Lower Upper
168 100
99 54.1 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 52.181 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 65 Resp: 67205
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.001 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(0-2)

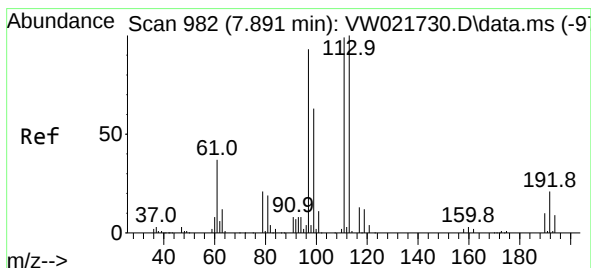
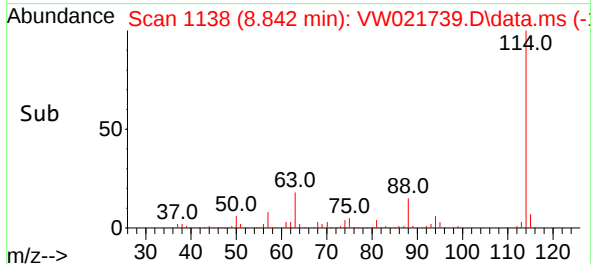
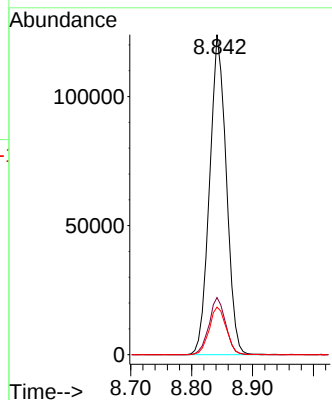
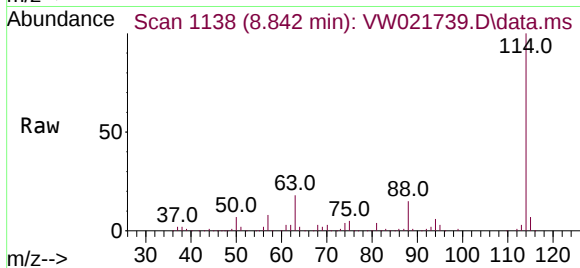
Tgt Ion:114 Resp: 236094

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.2

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.094 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

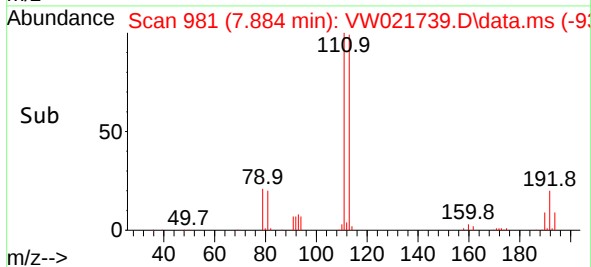
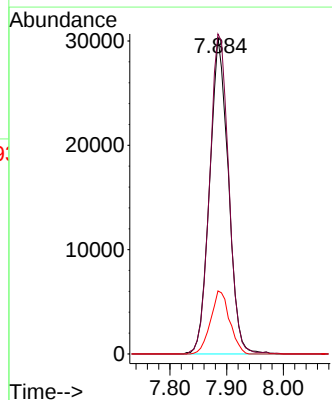
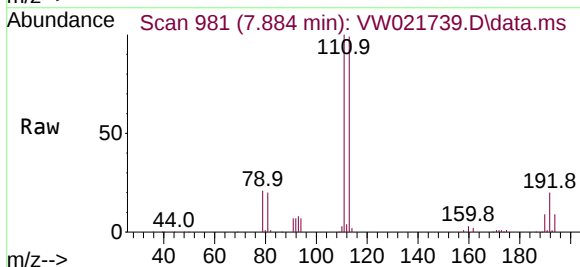
Tgt Ion:113 Resp: 69201

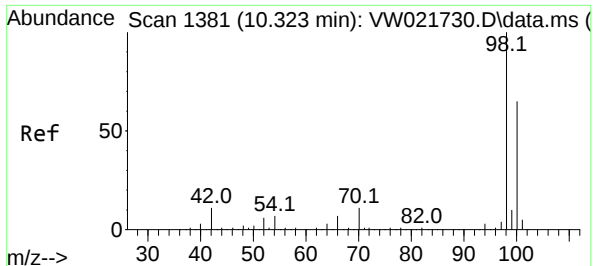
Ion Ratio Lower Upper

113 100

111 103.7 81.2 121.8

192 20.3 16.8 25.2





#50

Toluene-d8

Concen: 46.790 ug/l

RT: 10.323 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

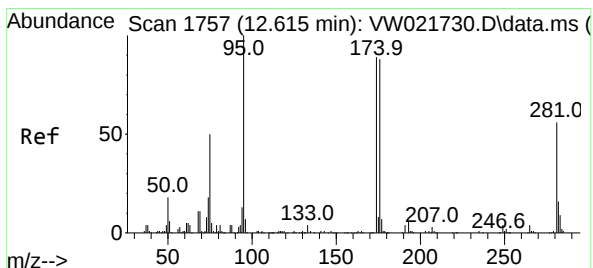
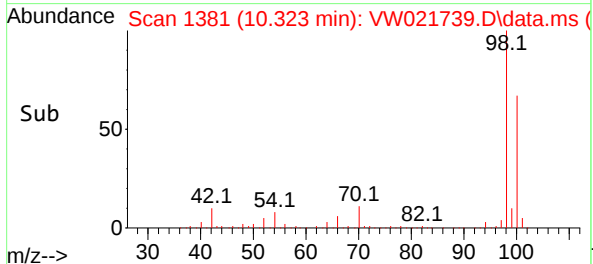
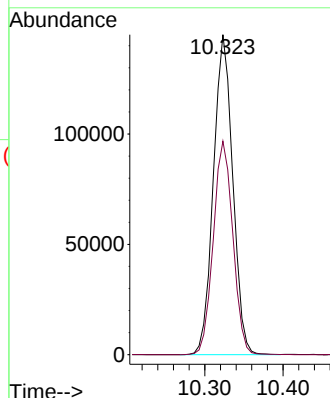
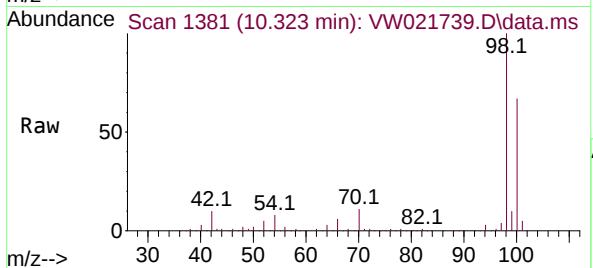
SB-6-(0-2)

Tgt Ion: 98 Resp: 248840

Ion Ratio Lower Upper

98 100

100 67.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 43.493 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

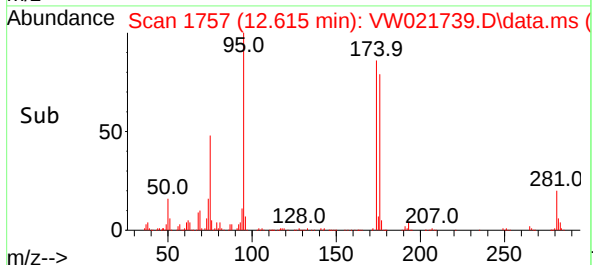
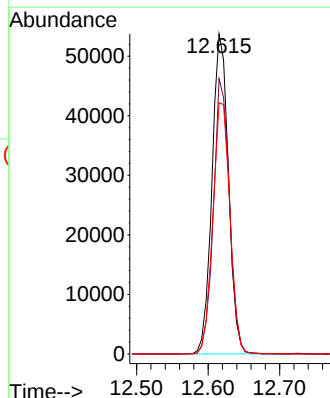
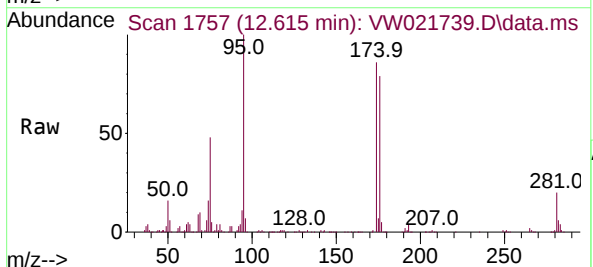
Tgt Ion: 95 Resp: 85859

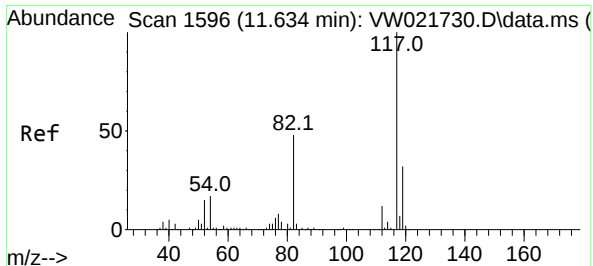
Ion Ratio Lower Upper

95 100

174 83.2 0.0 171.2

176 81.9 0.0 175.4

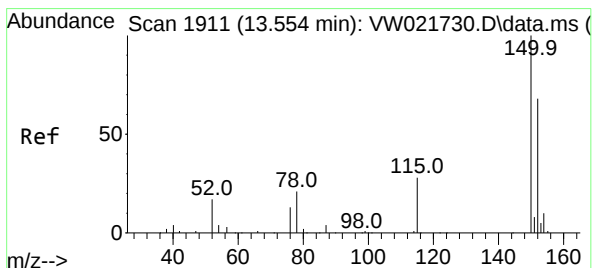
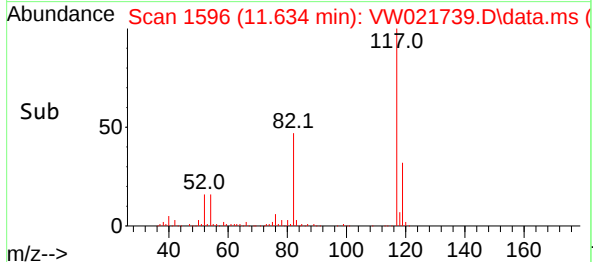
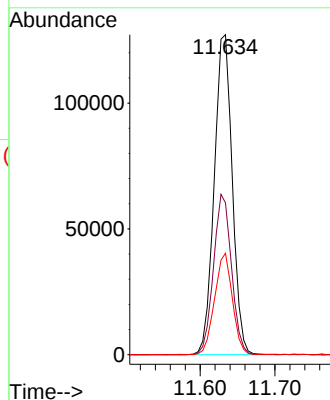
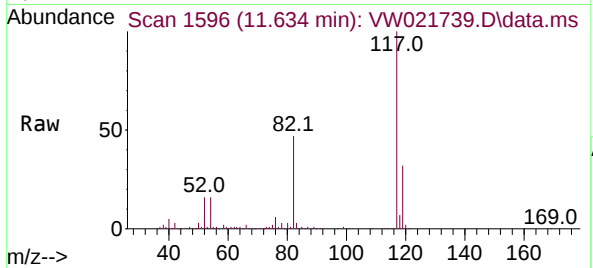




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

Tgt Ion:117 Resp: 213177
Ion Ratio Lower Upper
117 100
82 47.4 41.4 62.2
119 31.7 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion:152 Resp: 95133
Ion Ratio Lower Upper
152 100
115 57.5 27.8 83.3
150 153.5 0.0 348.4

