

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020914.D
 Acq On : 17 Nov 2021 20:11
 Operator : SY/VA
 Sample : VW1117SBL01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1117SBL01

Quant Time: Nov 18 05:16:50 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	7.946	168	82038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	119965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	108702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	58740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36621	48.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.891	113	36026	47.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.323	98	132092	47.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.615	95	48924	47.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.060%

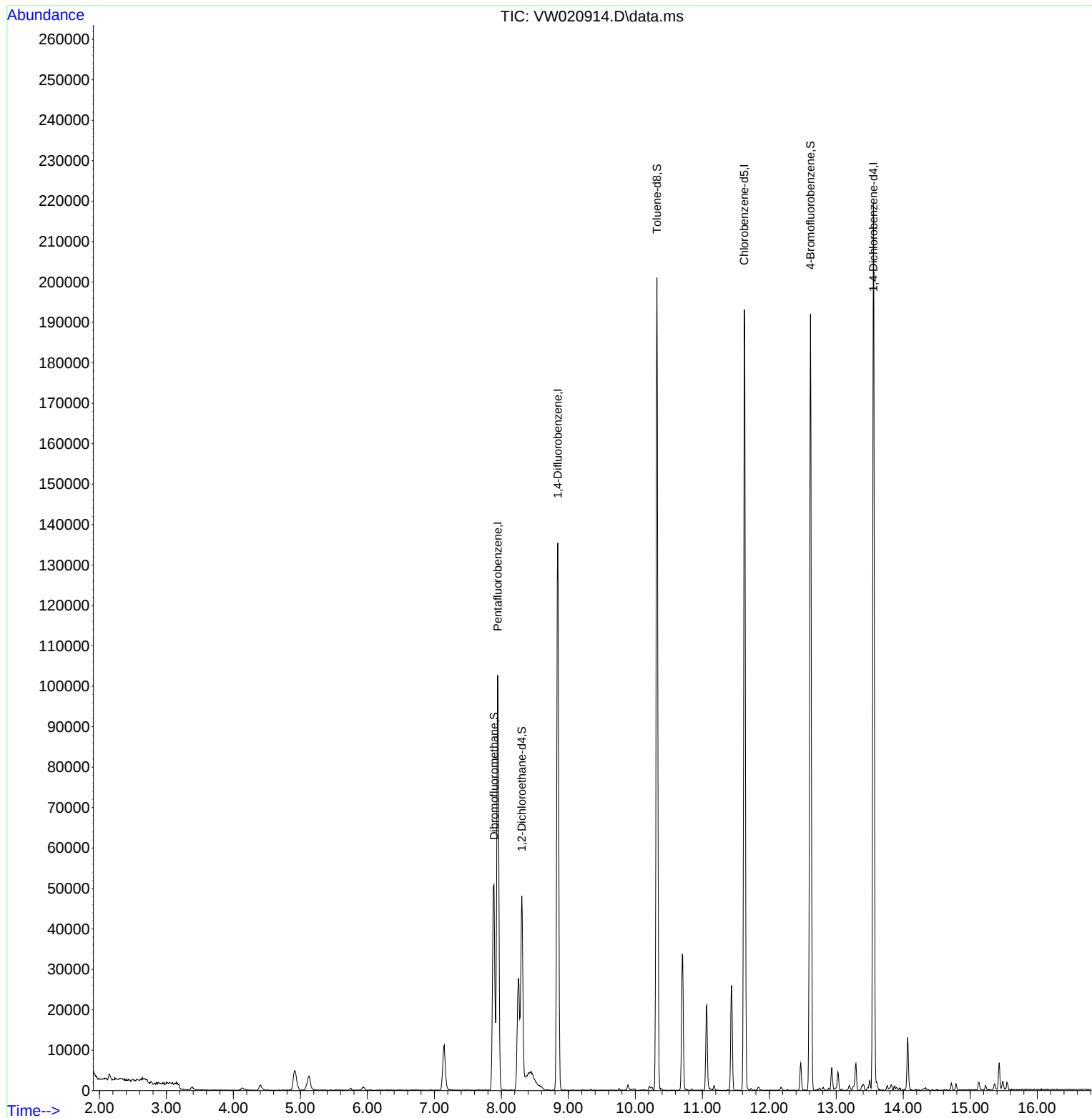
Target Compounds	Qvalue

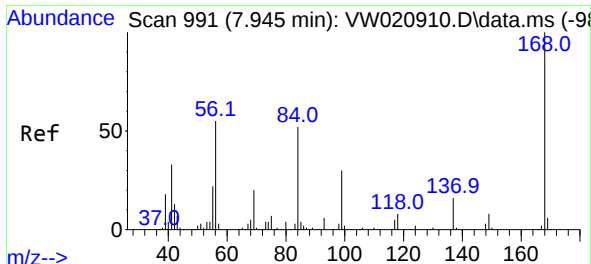
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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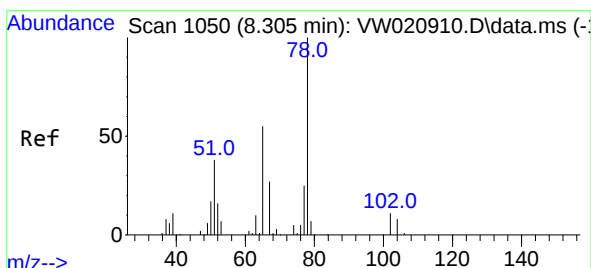
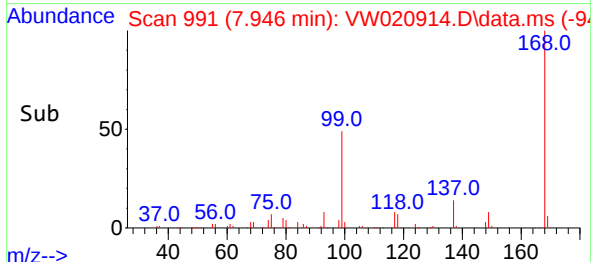
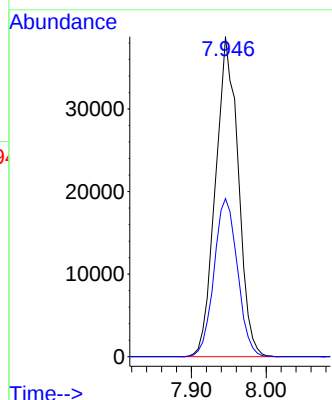
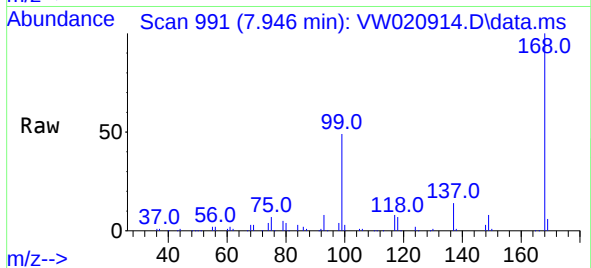




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020914.D
Acq: 17 Nov 2021 20:11

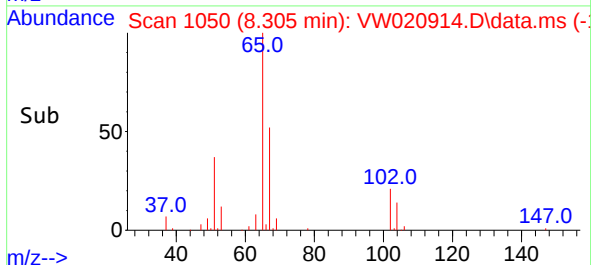
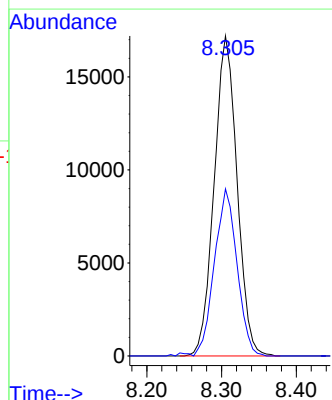
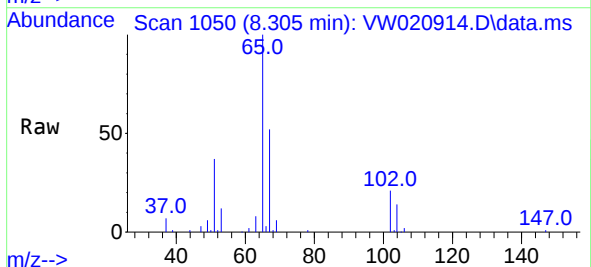
Instrument :
MSVOA_W
ClientSampleId :
VW1117SBL01

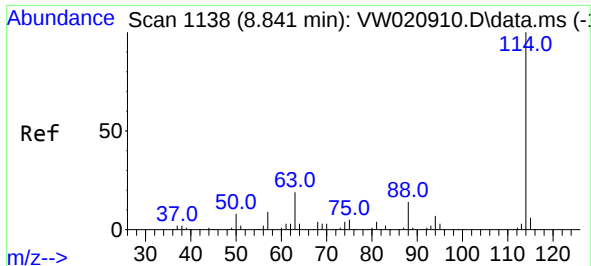
Tgt Ion:168 Resp: 82038
Ion Ratio Lower Upper
168 100
99 49.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 48.191 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020914.D
Acq: 17 Nov 2021 20:11

Tgt Ion: 65 Resp: 36621
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020914.D

Acq: 17 Nov 2021 20:11

Instrument :

MSVOA_W

ClientSampleId :

VW1117SBL01

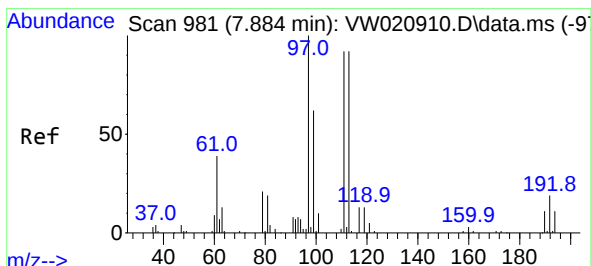
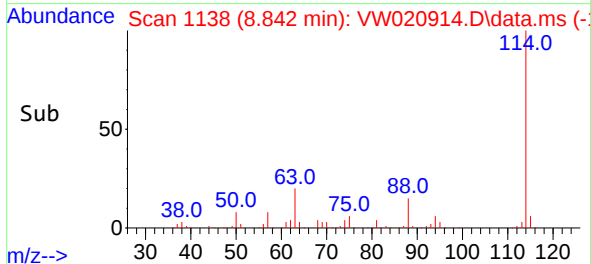
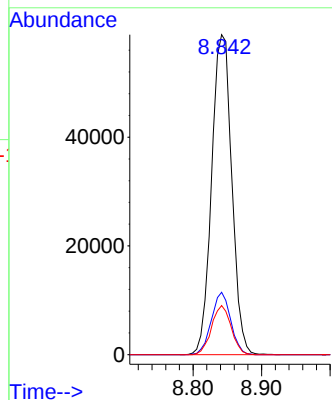
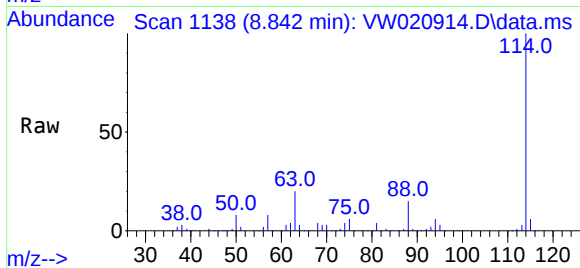
Tgt Ion:114 Resp: 119965

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.876 ug/l

RT: 7.891 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW020914.D

Acq: 17 Nov 2021 20:11

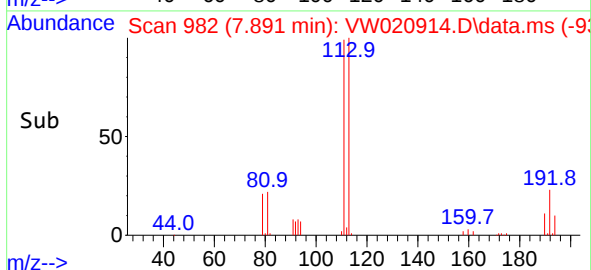
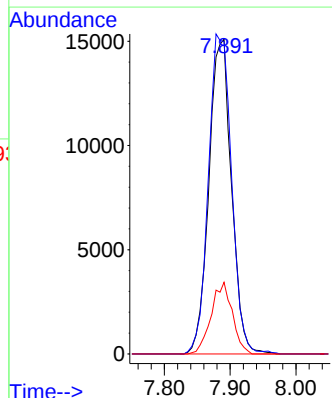
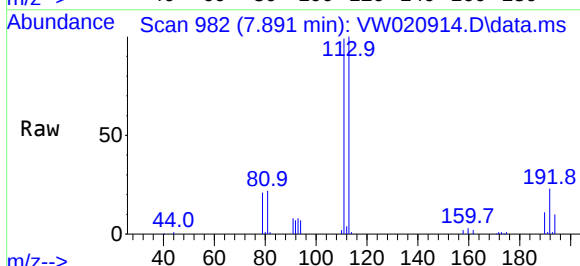
Tgt Ion:113 Resp: 36026

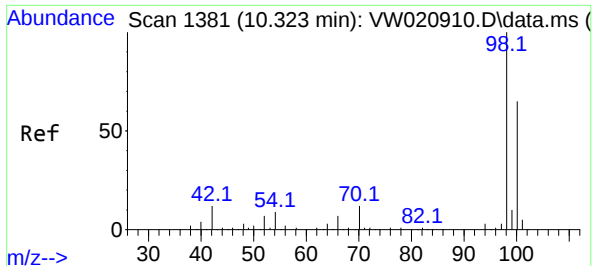
Ion Ratio Lower Upper

113 100

111 104.3 81.2 121.8

192 21.4 16.8 25.2

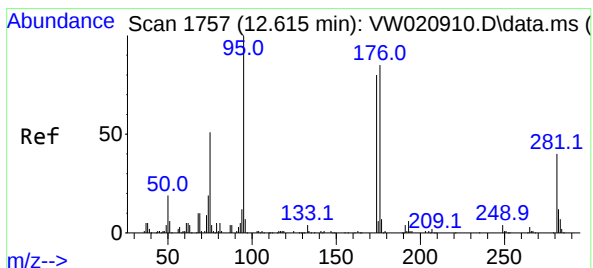
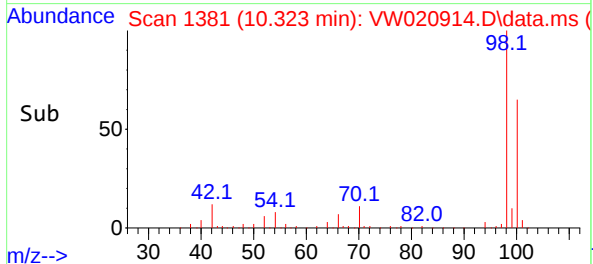
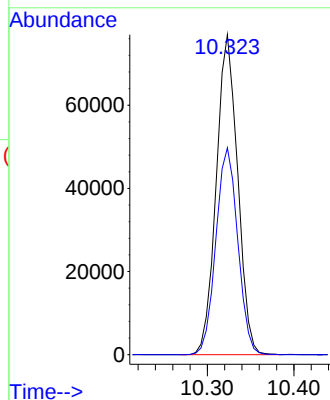
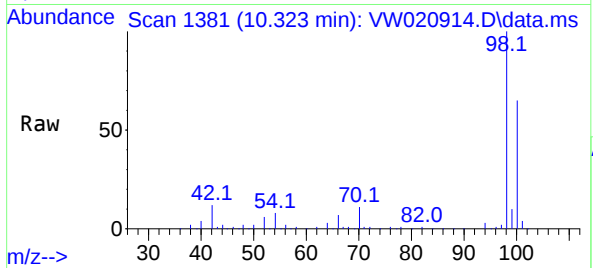




#50
Toluene-d8
Concen: 47.863 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020914.D
Acq: 17 Nov 2021 20:11

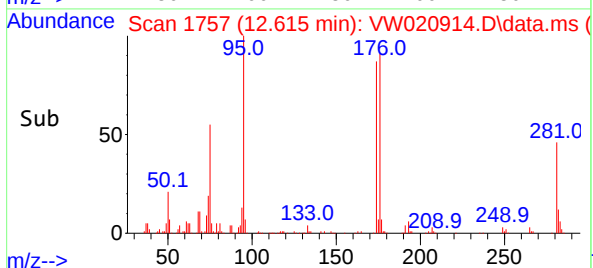
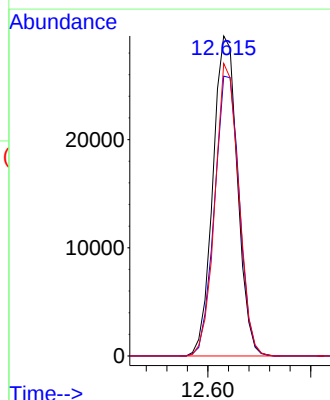
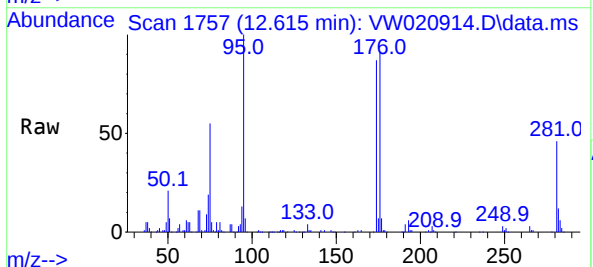
Instrument :
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VW1117SBL01

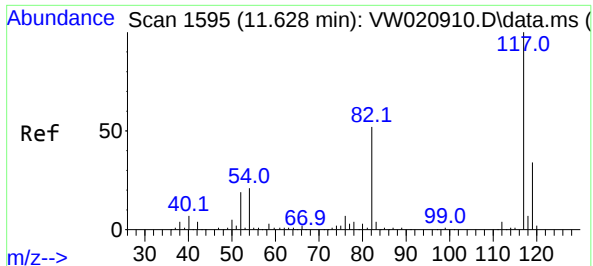
Tgt Ion: 98 Resp: 132092
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 47.534 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020914.D
Acq: 17 Nov 2021 20:11

Tgt Ion: 95 Resp: 48924
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.2
176 88.5 0.0 175.4

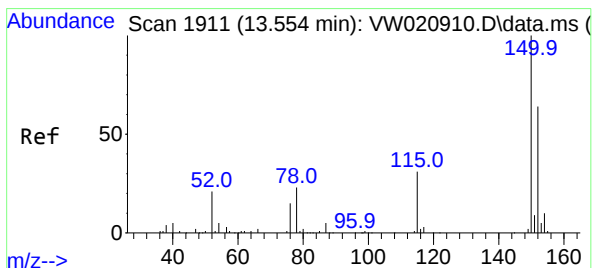
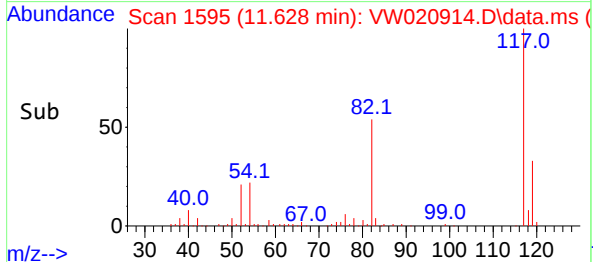
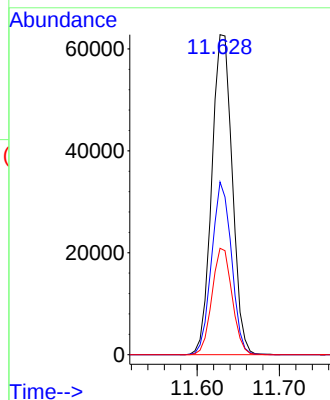
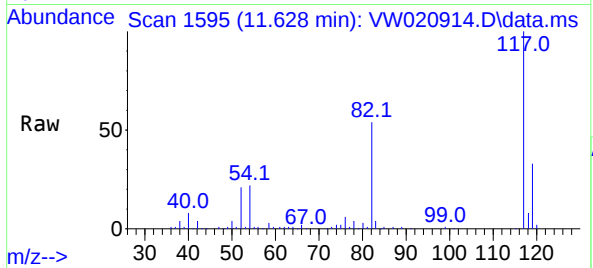




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020914.D
Acq: 17 Nov 2021 20:11

Instrument :
MSVOA_W
ClientSampleId :
VW1117SBL01

Tgt Ion:117 Resp: 108702
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.2
119 33.2 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: VW020914.D
Acq: 17 Nov 2021 20:11

Tgt Ion:152 Resp: 58740
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 150.7 0.0 348.4

