

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020942.D
 Acq On : 22 Nov 2021 17:25
 Operator : SY/VA
 Sample : M4758-25
 Misc : 5.04g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP13

Quant Time: Nov 23 02:26:00 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	7.952	168	64460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	92308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	82705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	39569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	27717	46.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.840%
35) Dibromofluoromethane	7.885	113	28720	49.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.323	98	101827	47.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.615	95	35065	44.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.560%

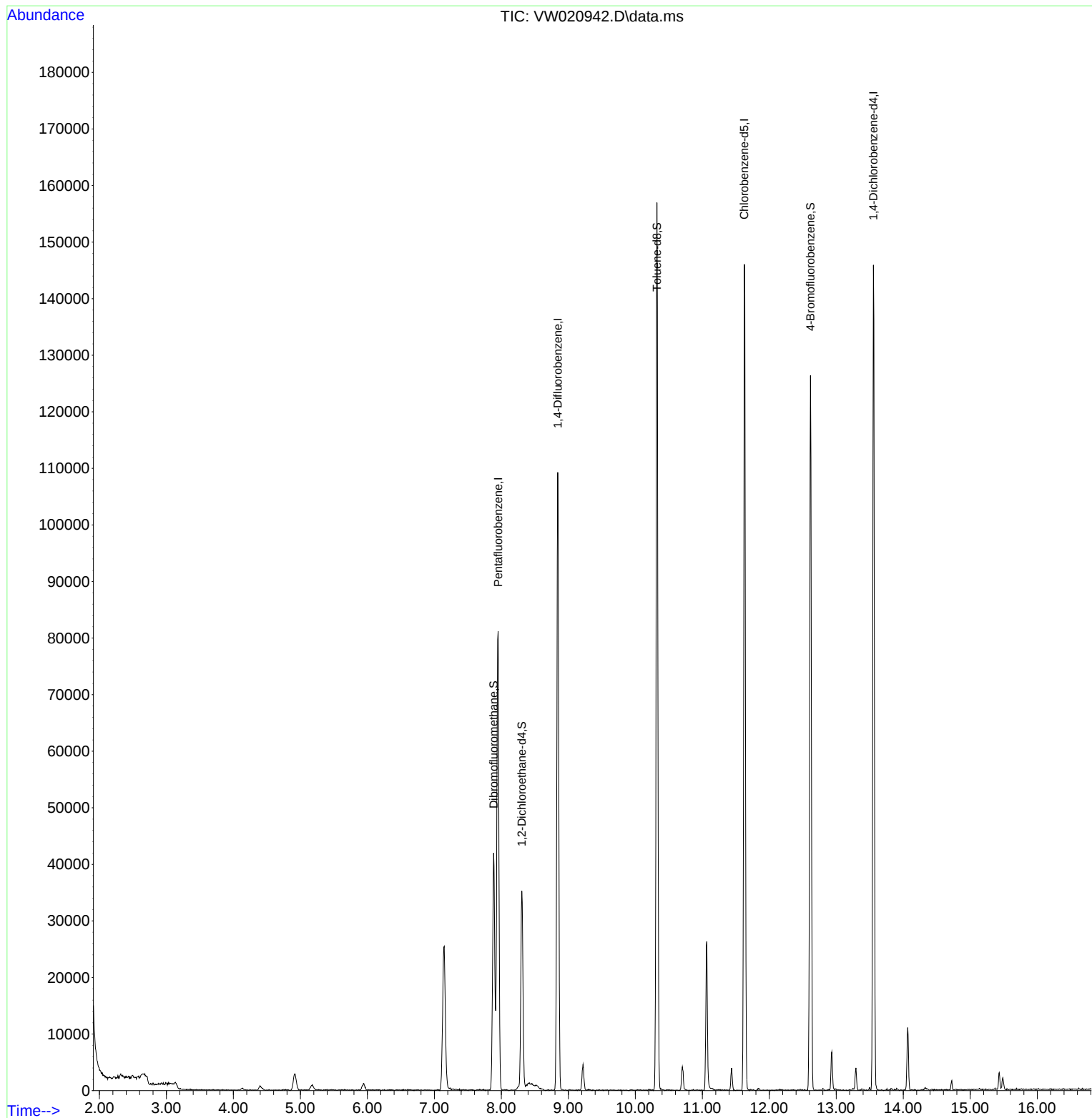
Target Compounds	Qvalue

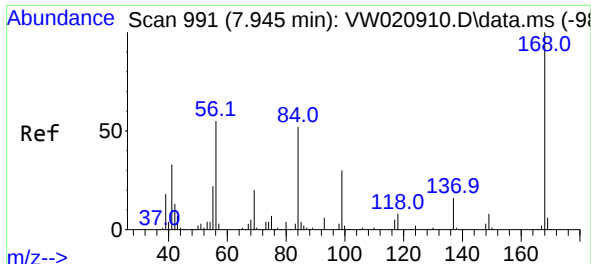
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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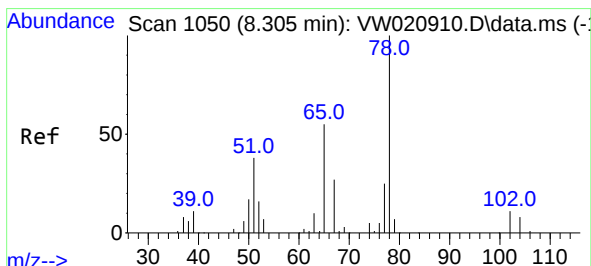
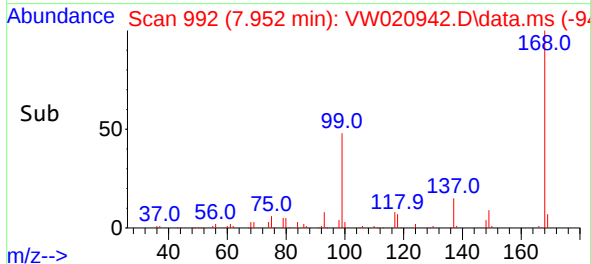
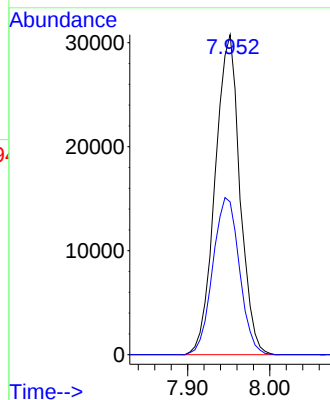
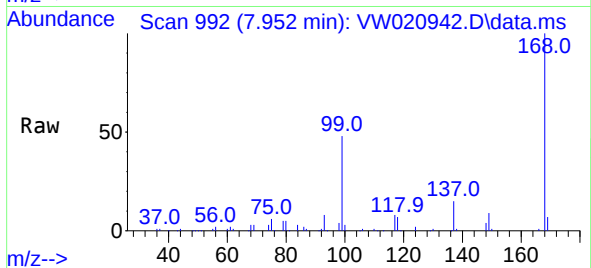




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 991
Delta R.T. 0.007 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

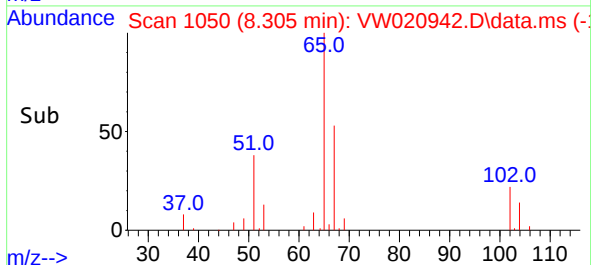
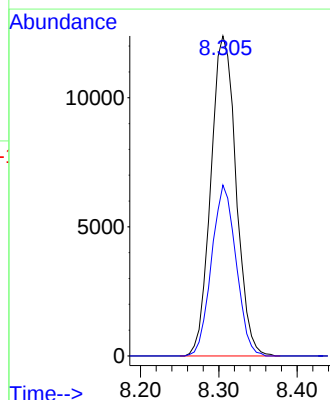
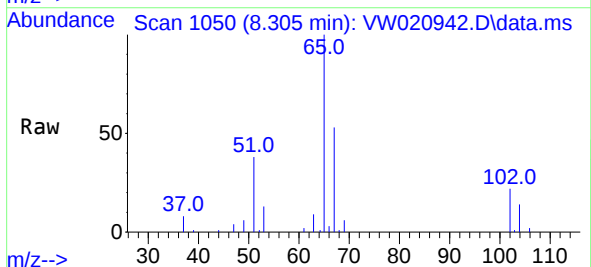
Instrument :
MSVOA_W
ClientSampleId :
TP13

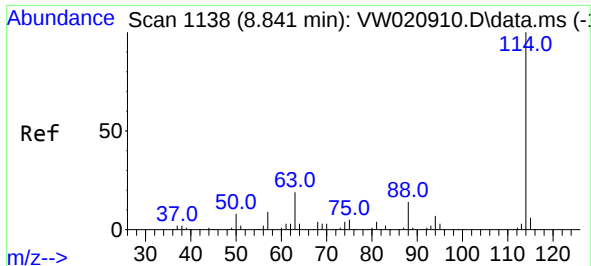
Tgt Ion:168 Resp: 64460
Ion Ratio Lower Upper
168 100
99 47.7 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.420 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 65 Resp: 27717
Ion Ratio Lower Upper
65 100
67 51.9 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: VW020942.D

Acq: 22 Nov 2021 17:25

Instrument :

MSVOA_W

ClientSampleId :

TP13

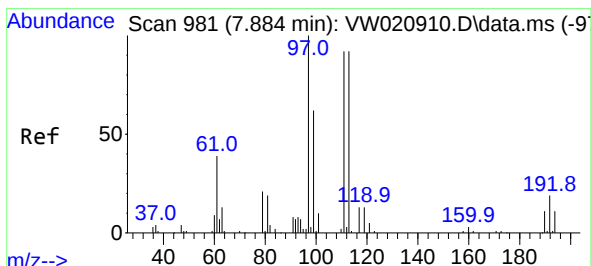
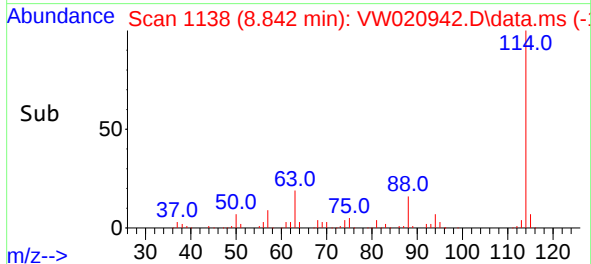
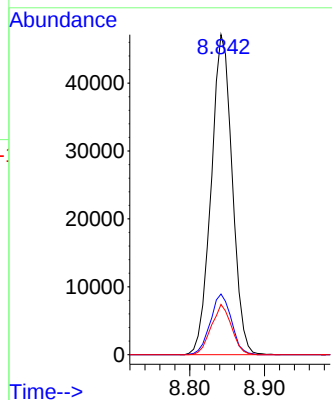
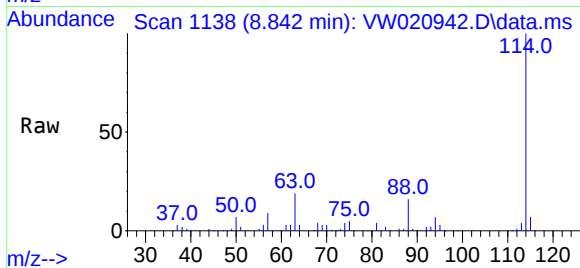
Tgt Ion:114 Resp: 92308

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

88 15.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.602 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

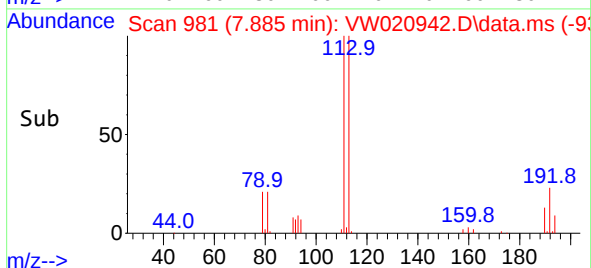
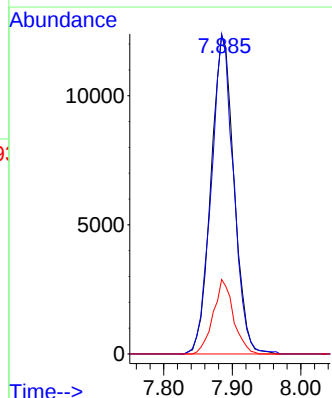
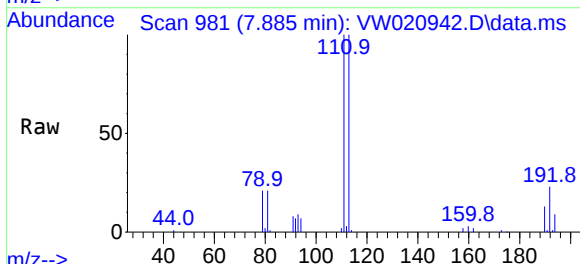
Tgt Ion:113 Resp: 28720

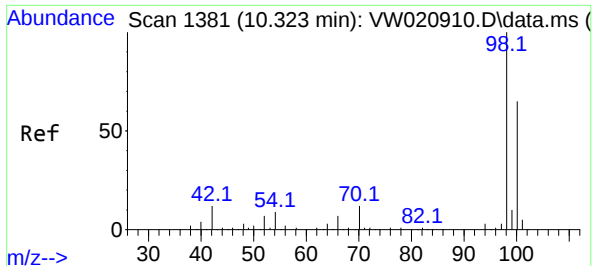
Ion Ratio Lower Upper

113 100

111 97.7 81.2 121.8

192 20.6 16.8 25.2





#50

Toluene-d8

Concen: 47.951 ug/l

RT: 10.323 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

Instrument :

MSVOA_W

ClientSampleId :

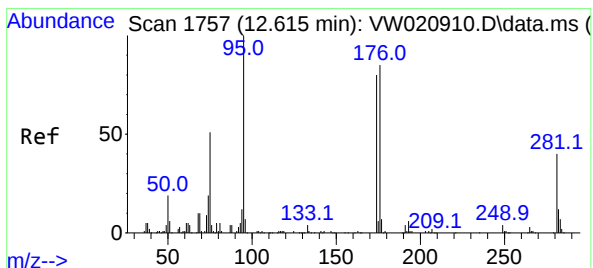
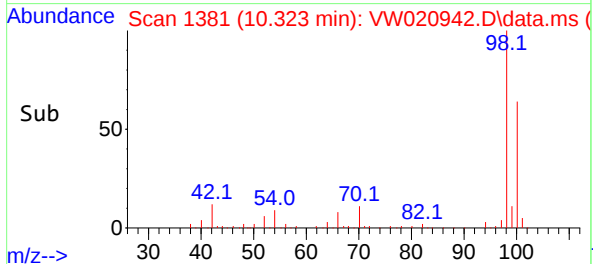
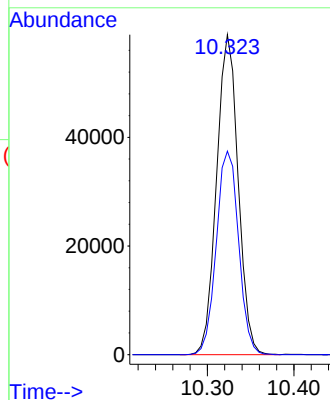
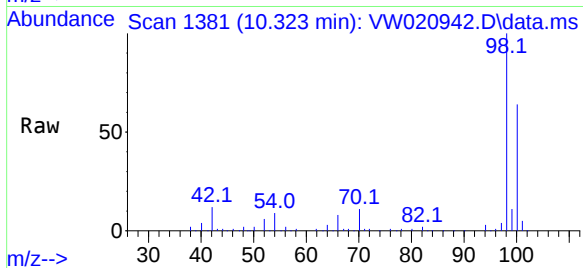
TP13

Tgt Ion: 98 Resp: 101827

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 44.276 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

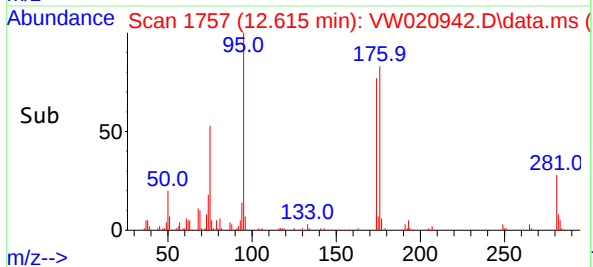
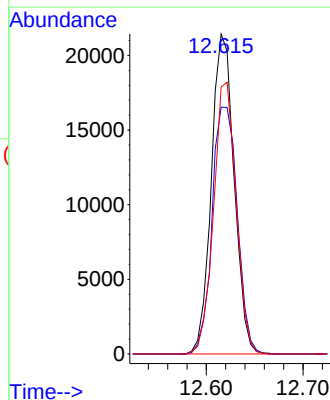
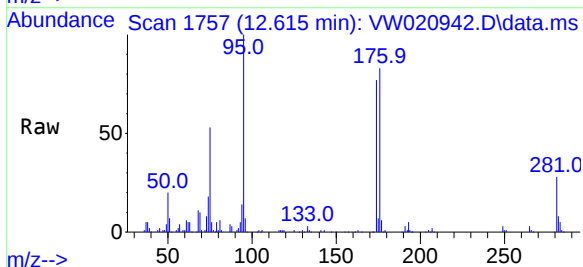
Tgt Ion: 95 Resp: 35065

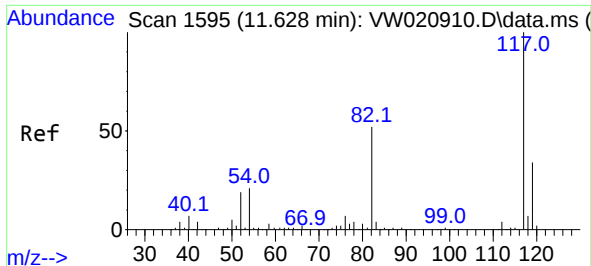
Ion Ratio Lower Upper

95 100

174 85.1 0.0 171.2

176 84.3 0.0 175.4

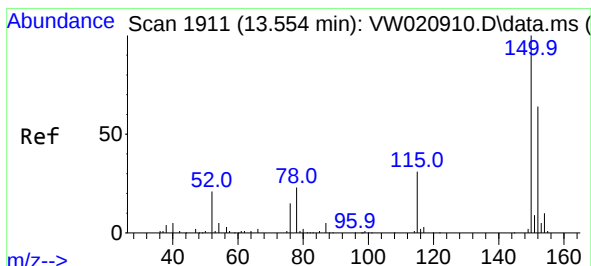
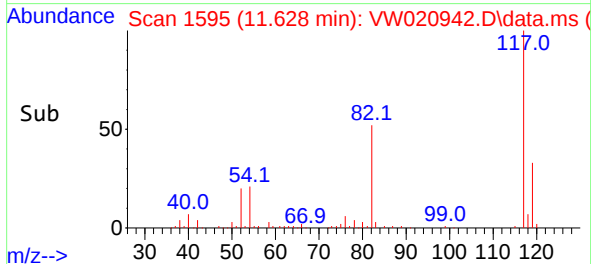
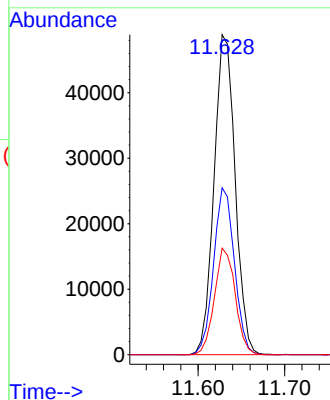
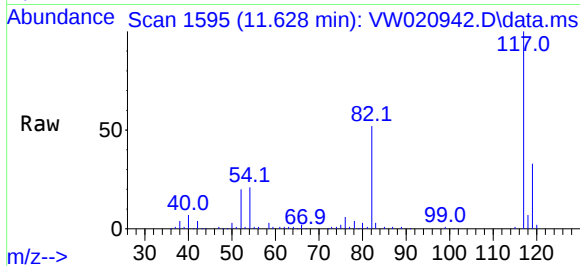




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Instrument :
MSVOA_W
ClientSampleId :
TP13

Tgt Ion:	117	Resp:	82705
Ion Ratio	Lower	Upper	
117	100		
82	52.2	41.4	62.2
119	33.3	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: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion:	152	Resp:	39569
Ion Ratio	Lower	Upper	
152	100		
115	55.9	27.8	83.3
150	154.0	0.0	348.4

