

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020935.D
 Acq On : 22 Nov 2021 14:36
 Operator : SY/VA
 Sample : M4758-17RE
 Misc : 5.03g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP9RE

Quant Time: Nov 23 02:23:53 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	26939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	37994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	35097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	17318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	11558	46.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.640%
35) Dibromofluoromethane	7.885	113	12000	50.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.323	98	43884	50.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.615	95	15002	46.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.040%

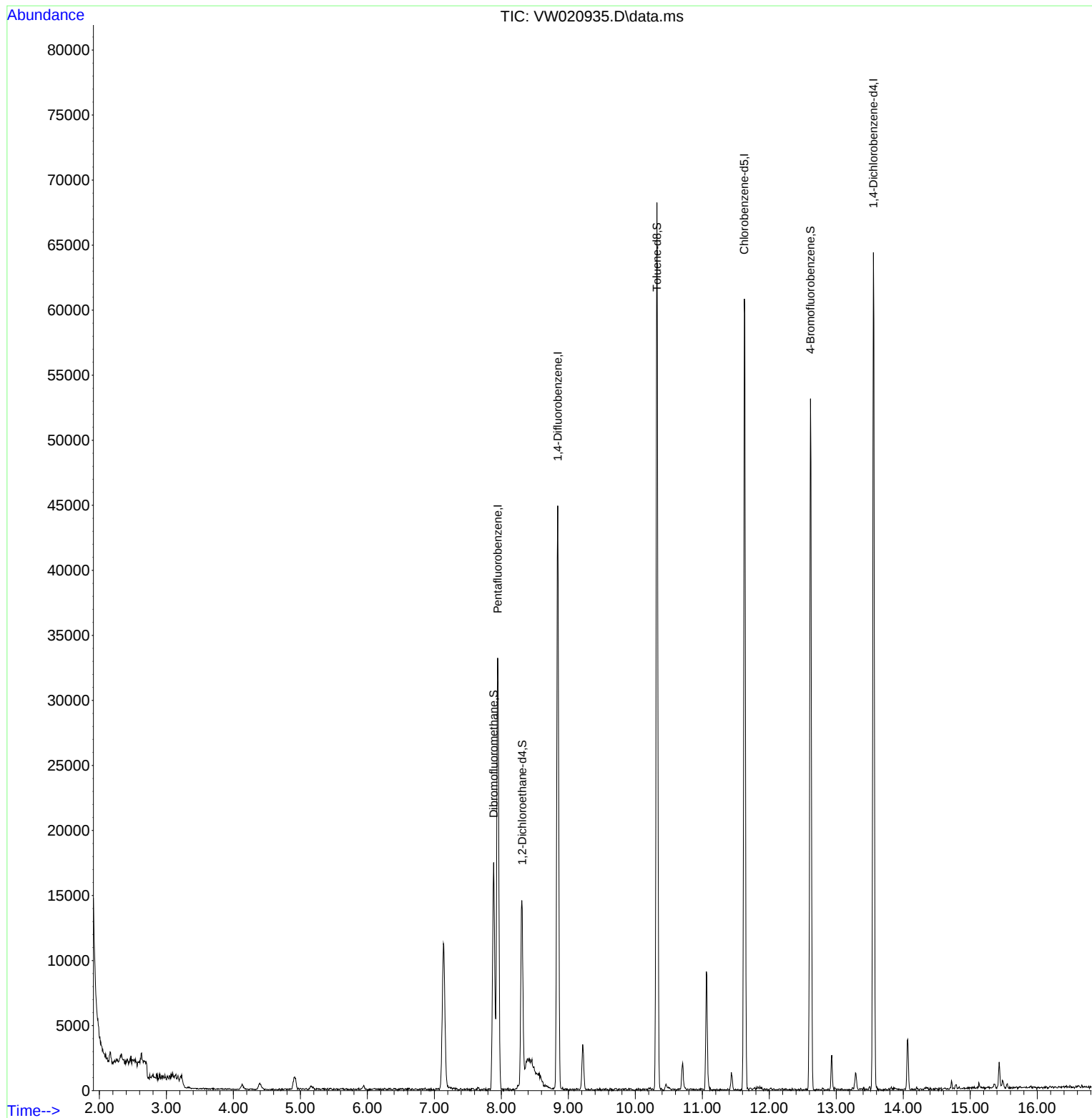
Target Compounds	Qvalue

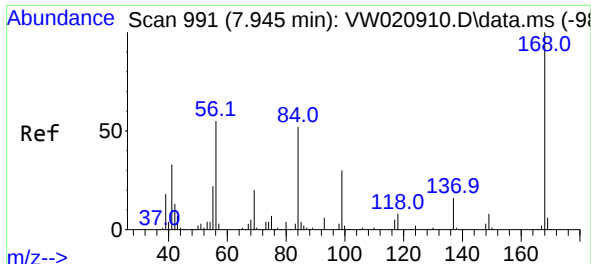
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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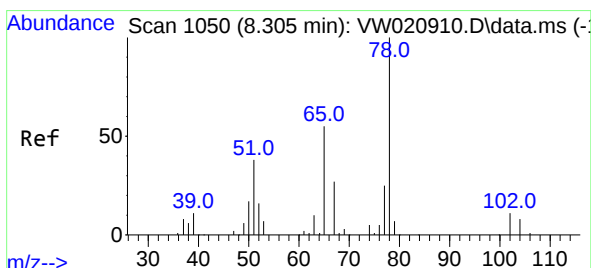
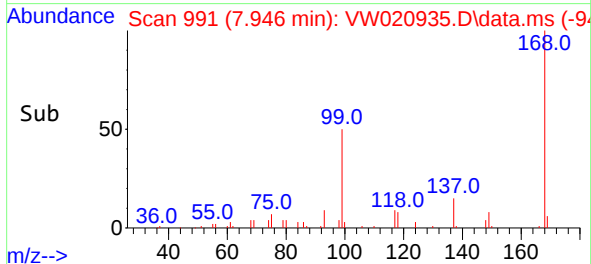
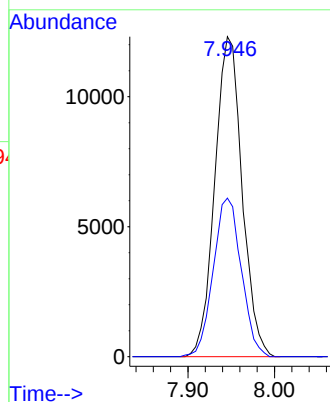
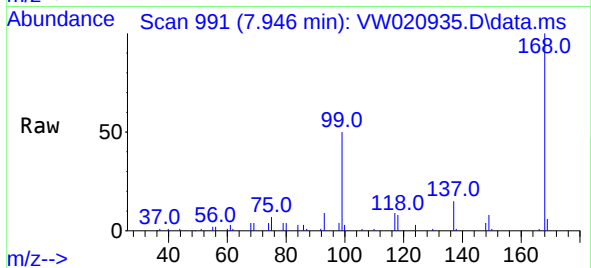




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. 0.001 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

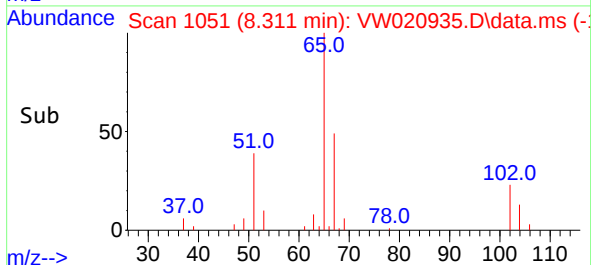
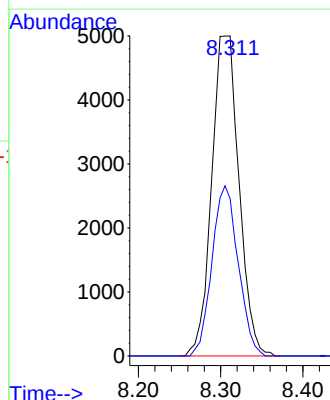
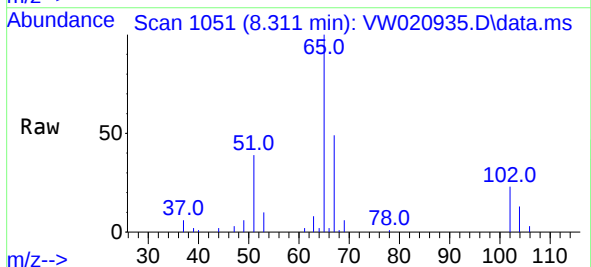
Instrument :
MSVOA_W
ClientSampleId :
TP9RE

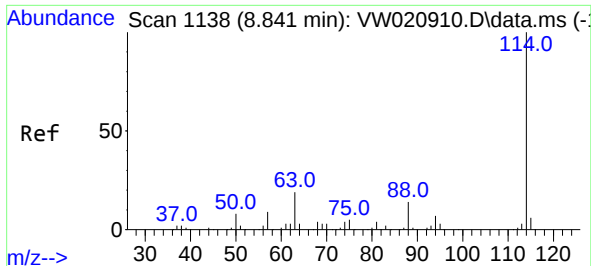
Tgt Ion:168 Resp: 26939
Ion Ratio Lower Upper
168 100
99 49.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.318 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 65 Resp: 11558
Ion Ratio Lower Upper
65 100
67 50.9 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: VW020935.D

Acq: 22 Nov 2021 14:36

Instrument :

MSVOA_W

ClientSampleId :

TP9RE

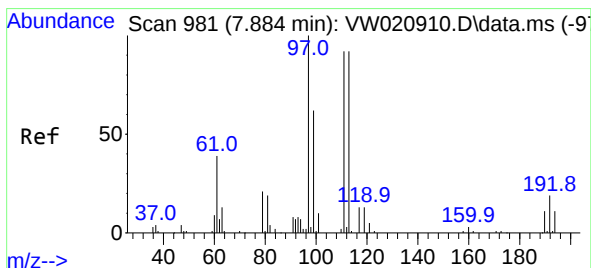
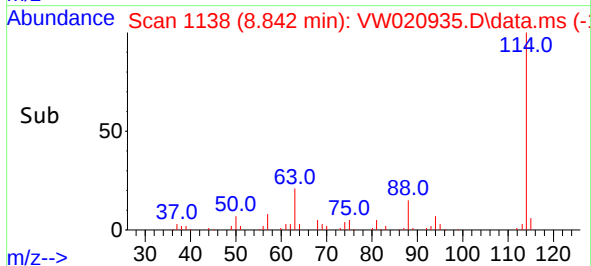
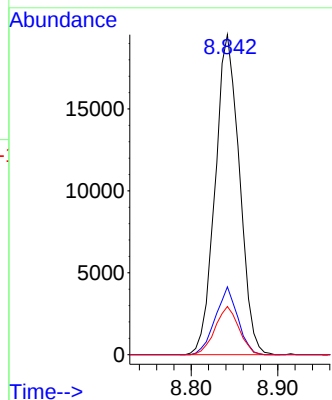
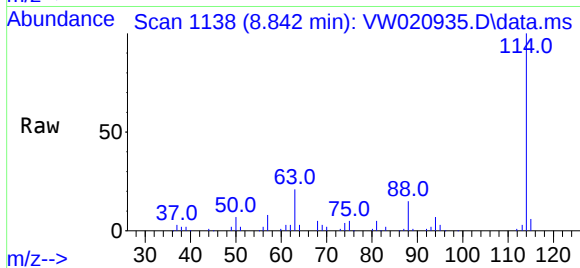
Tgt Ion:114 Resp: 37994

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.2

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.353 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020935.D

Acq: 22 Nov 2021 14:36

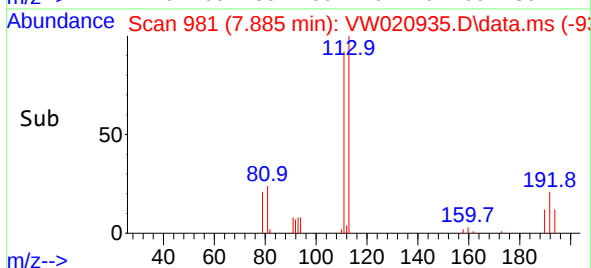
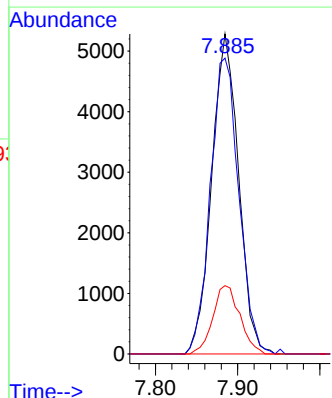
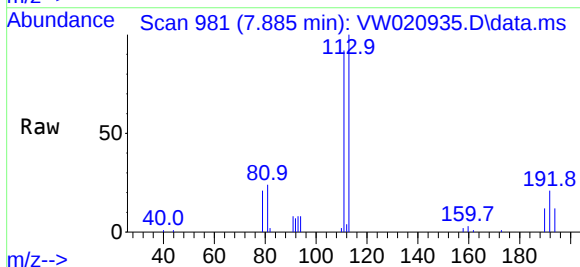
Tgt Ion:113 Resp: 12000

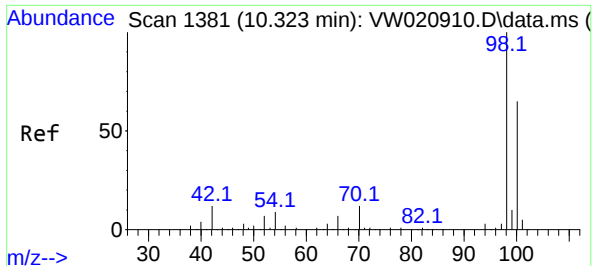
Ion Ratio Lower Upper

113 100

111 97.8 81.2 121.8

192 21.5 16.8 25.2

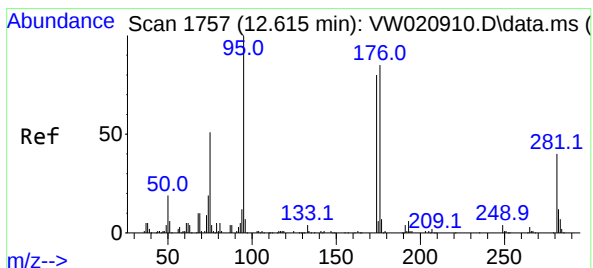
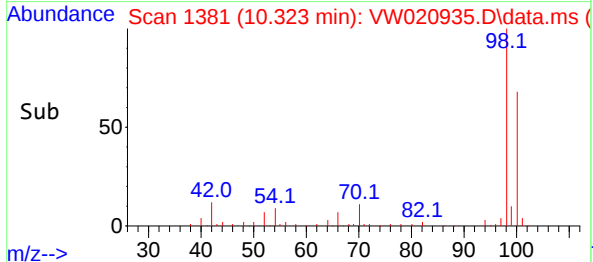
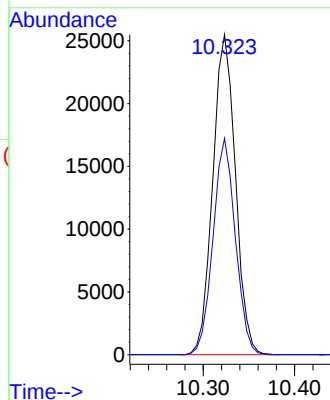
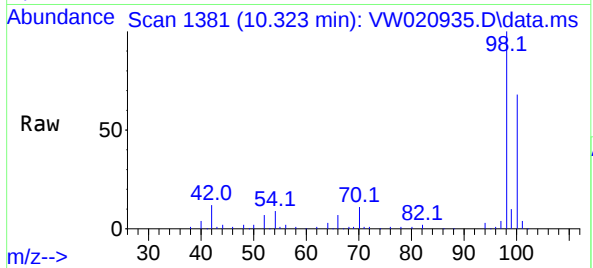




#50
Toluene-d8
Concen: 50.207 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

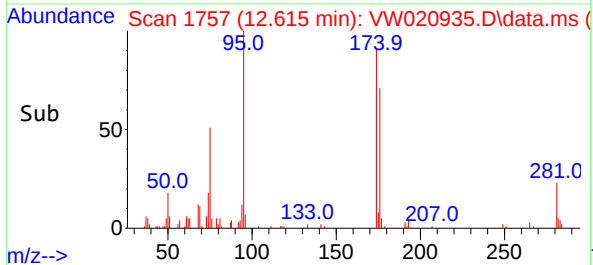
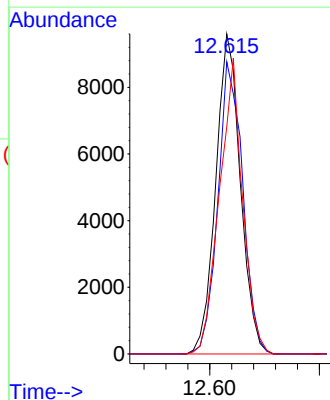
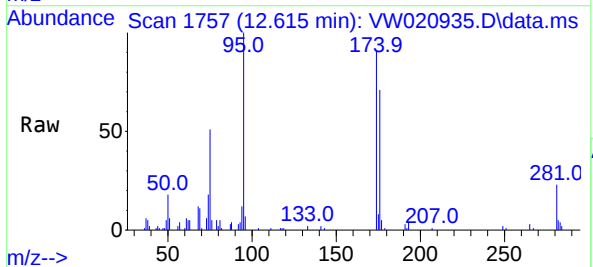
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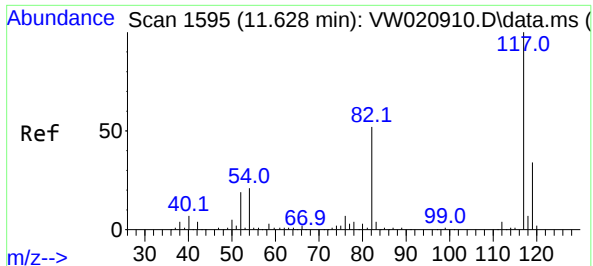
Tgt Ion: 98 Resp: 43884
Ion Ratio Lower Upper
98 100
100 66.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 46.022 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion: 95 Resp: 15002
Ion Ratio Lower Upper
95 100
174 91.8 0.0 171.2
176 86.9 0.0 175.4

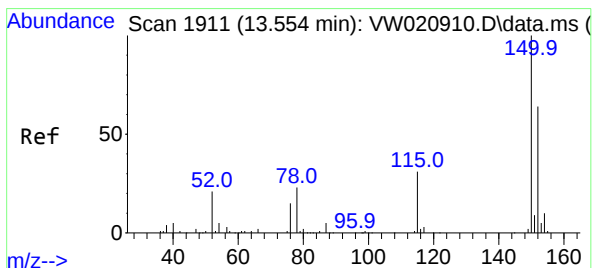
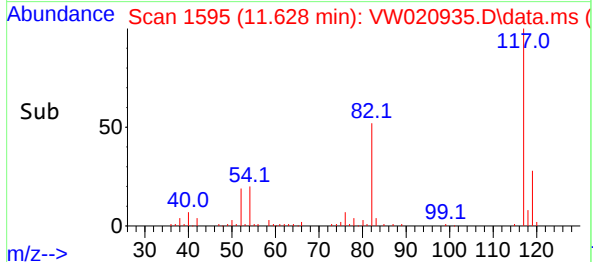
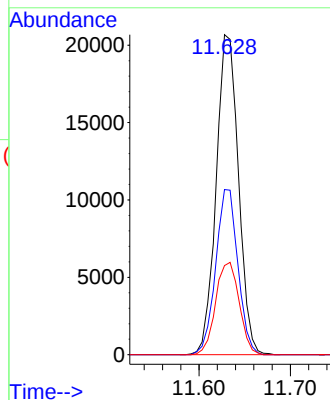
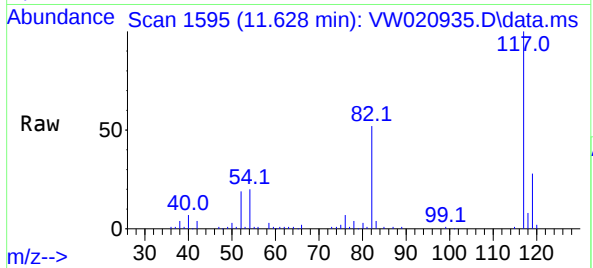




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020935.D
Acq: 22 Nov 2021 14:36

Instrument :
MSVOA_W
ClientSampleId :
TP9RE

Tgt Ion:	117	Resp:	35097
Ion Ratio	Lower	Upper	
117	100		
82	51.6	41.4	62.2
119	27.9	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: VW020935.D
Acq: 22 Nov 2021 14:36

Tgt Ion:	152	Resp:	17318
Ion Ratio	Lower	Upper	
152	100		
115	56.4	27.8	83.3
150	159.4	0.0	348.4

