

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020862.D
 Acq On : 12 Nov 2021 18:46
 Operator : SY/VA
 Sample : M4595-02
 Misc : 5.32g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CMC-OF4-TC-002-01-04

Quant Time: Nov 15 00:11:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	86866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	133848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	117416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	49409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	42068	58.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.120%
35) Dibromofluoromethane	7.884	113	36941	49.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.323	98	135840	46.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.615	95	47112	44.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.200%

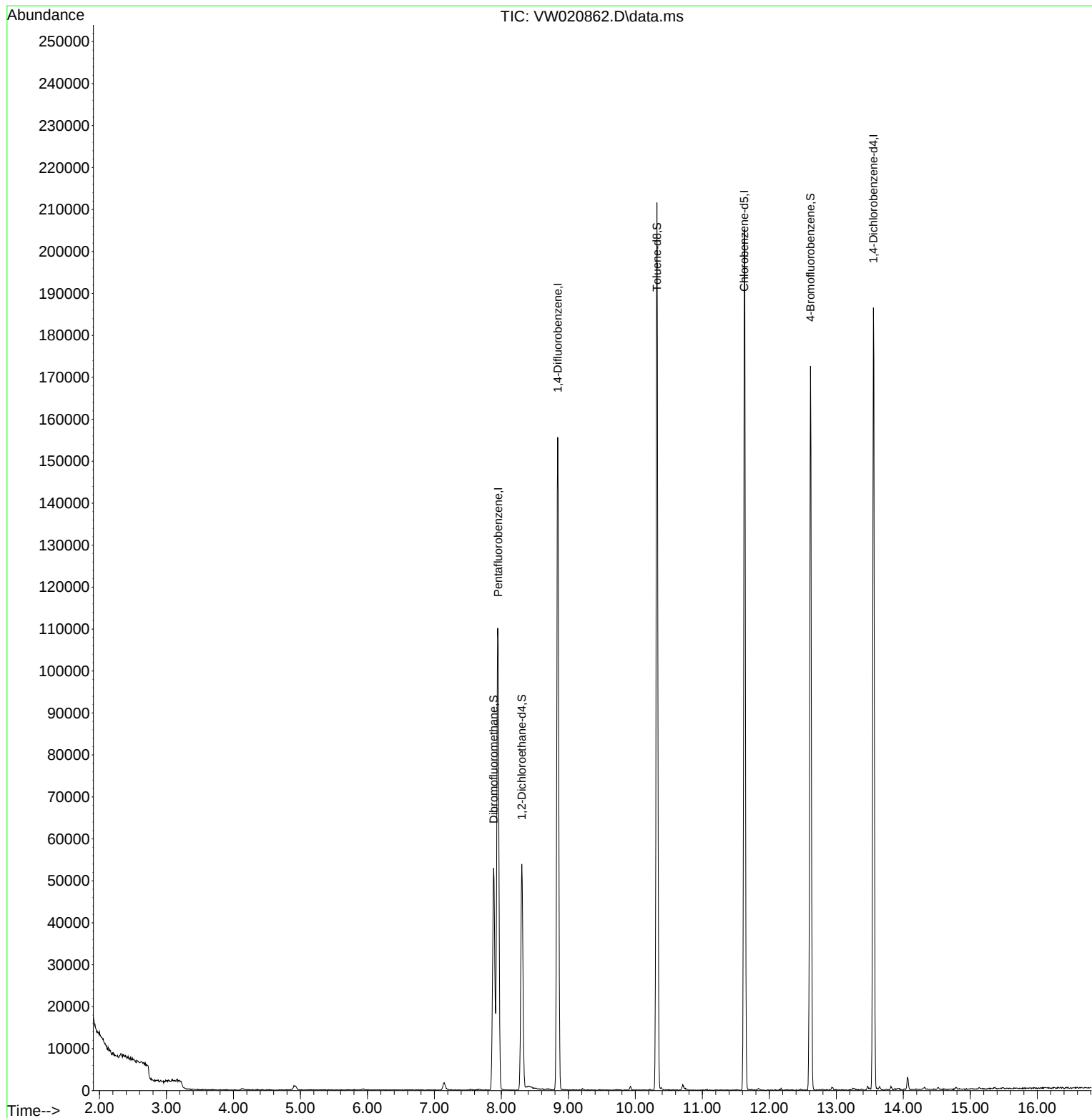
Target Compounds	Qvalue

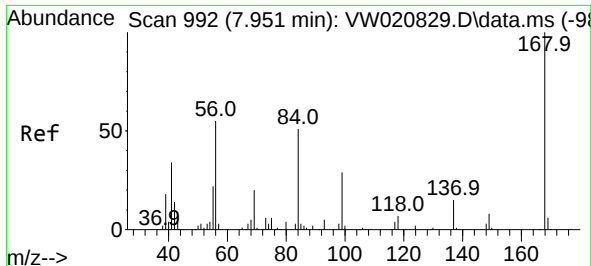
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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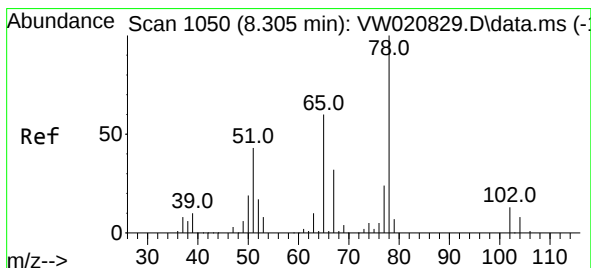
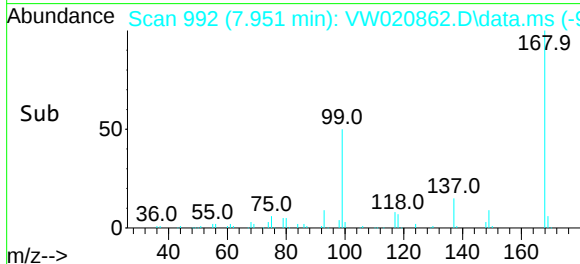
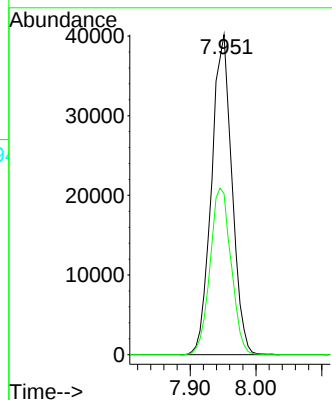
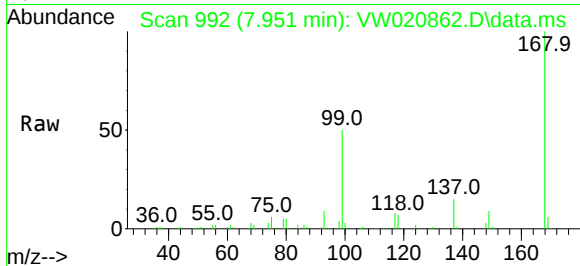




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

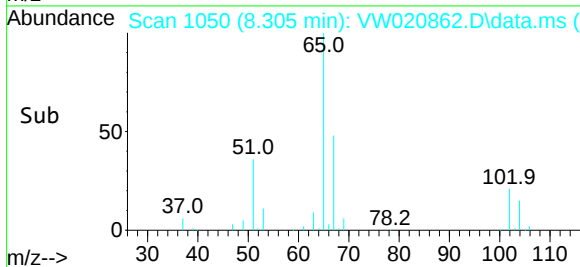
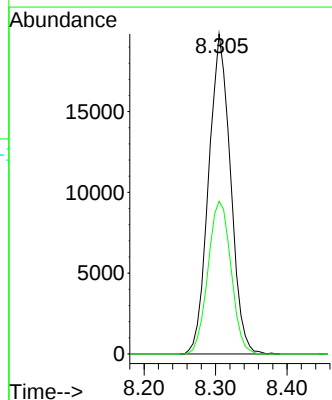
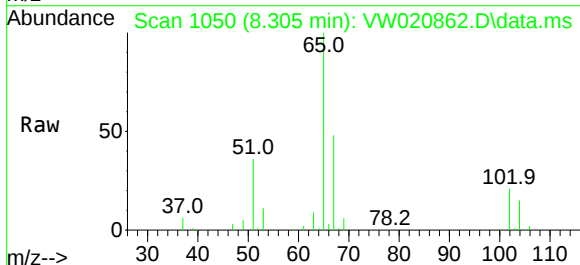
Instrument :
MSVOA_W
ClientSampleId :
CMC-OF4-TC-002-01-04

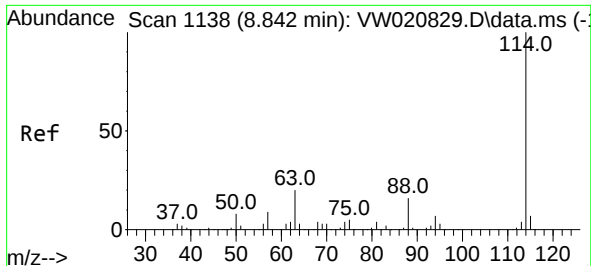
Tgt Ion:168 Resp: 86866
Ion Ratio Lower Upper
168 100
99 50.3 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 58.562 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion: 65 Resp: 42068
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020862.D

Acq: 12 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :

CMC-OF4-TC-002-01-04

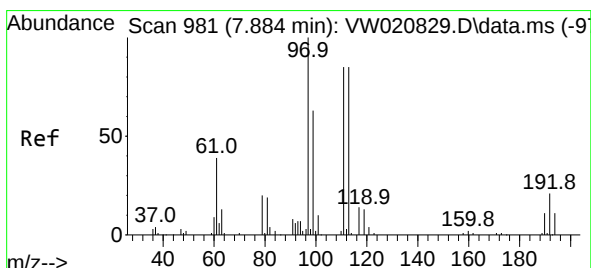
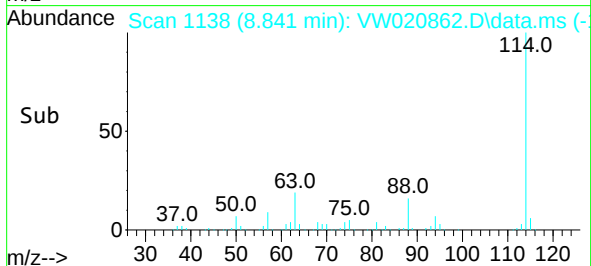
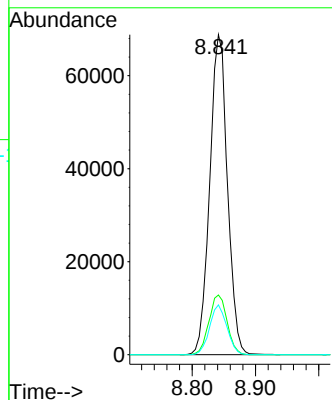
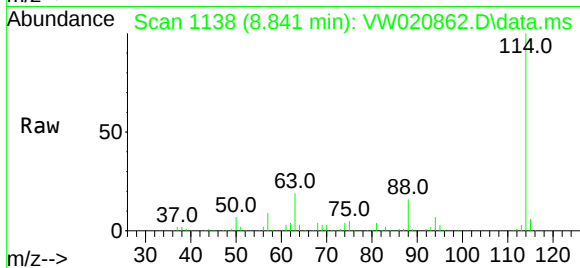
Tgt Ion:114 Resp: 133848

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

88 15.5 0.0 33.0



#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020862.D

Acq: 12 Nov 2021 18:46

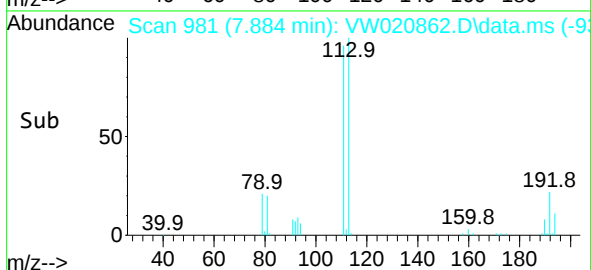
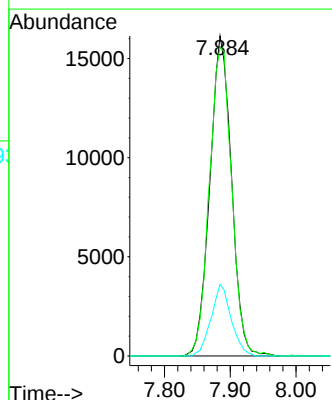
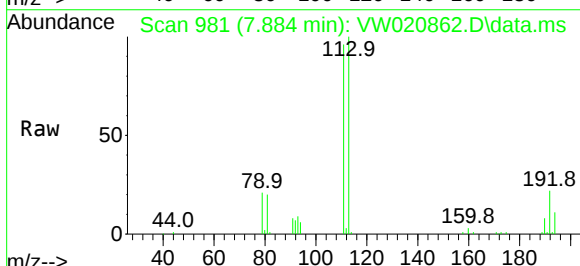
Tgt Ion:113 Resp: 36941

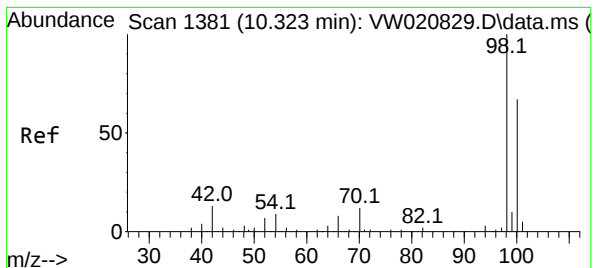
Ion Ratio Lower Upper

113 100

111 99.7 82.1 123.1

192 20.8 17.8 26.8

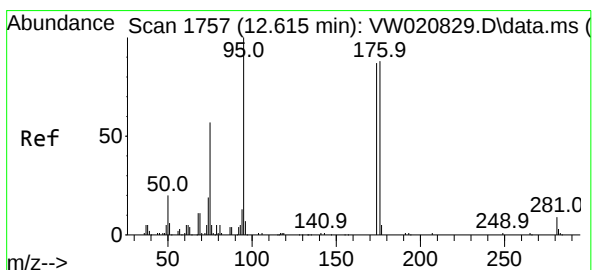
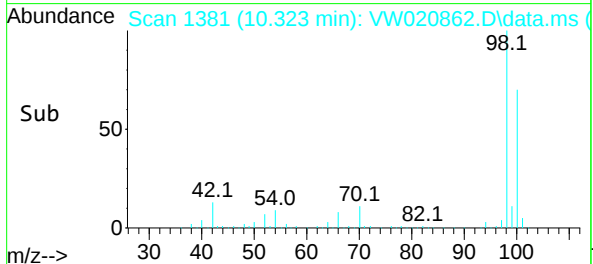
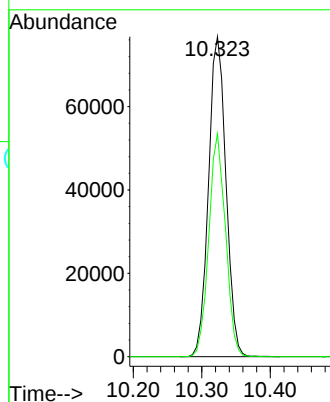
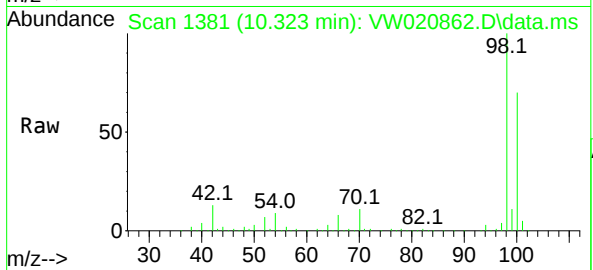




#50
Toluene-d8
Concen: 46.399 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

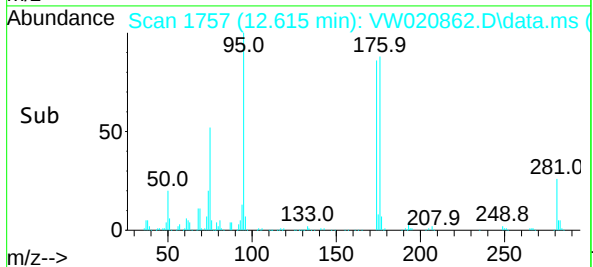
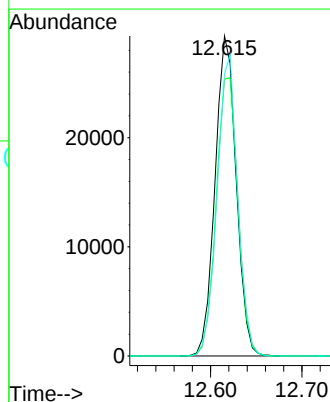
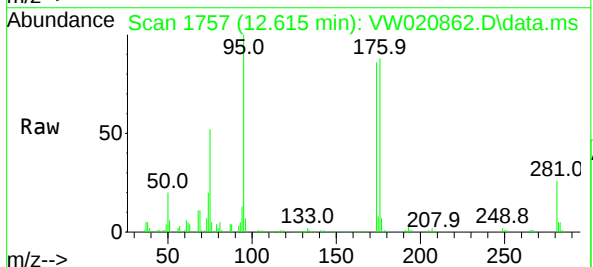
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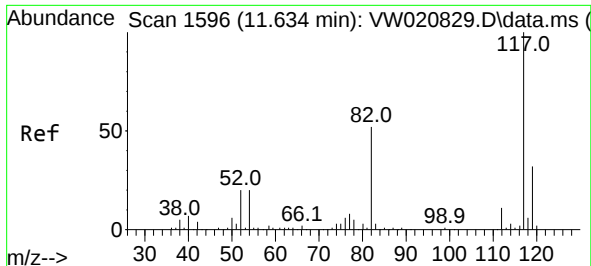
Tgt Ion: 98 Resp: 135840
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 44.603 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion: 95 Resp: 47112
Ion Ratio Lower Upper
95 100
174 90.1 0.0 166.4
176 91.1 0.0 159.8

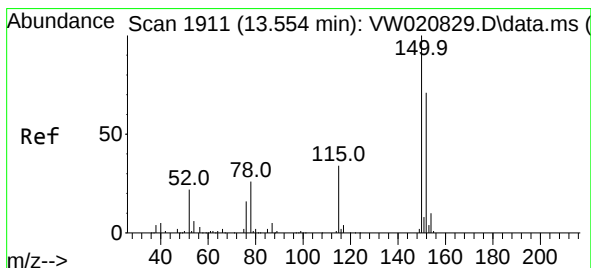
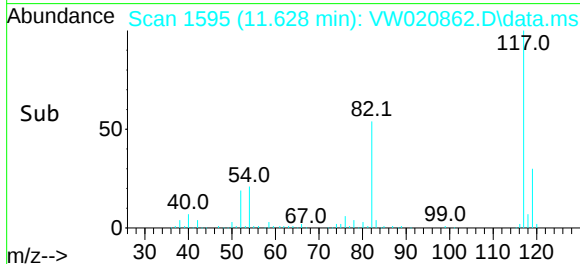
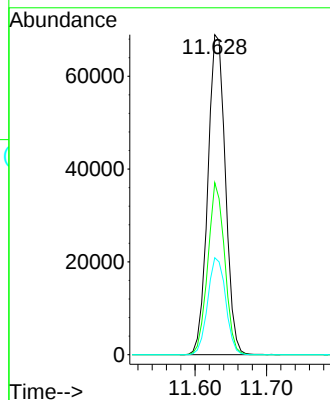
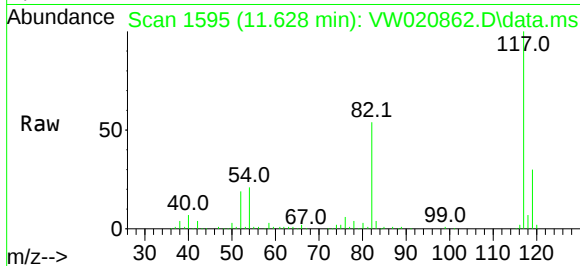




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 117416
Delta R.T. -0.006 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :
CMC-OF4-TC-002-01-04

Tgt Ion:	117	Resp:	117416
Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.6	68.4
119	30.3	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion:	152	Resp:	49409
Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.6	88.9
150	156.7	0.0	352.6

