

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020870.D
 Acq On : 12 Nov 2021 22:00
 Operator : SY/VA
 Sample : M4625-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-111021

Quant Time: Nov 15 00:13:17 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	7.945	168	16362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	23898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	20281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	9079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	8328	61.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.100%
35) Dibromofluoromethane	7.884	113	7712	57.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.440%
50) Toluene-d8	10.323	98	25318	48.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.615	95	9111	48.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.620%

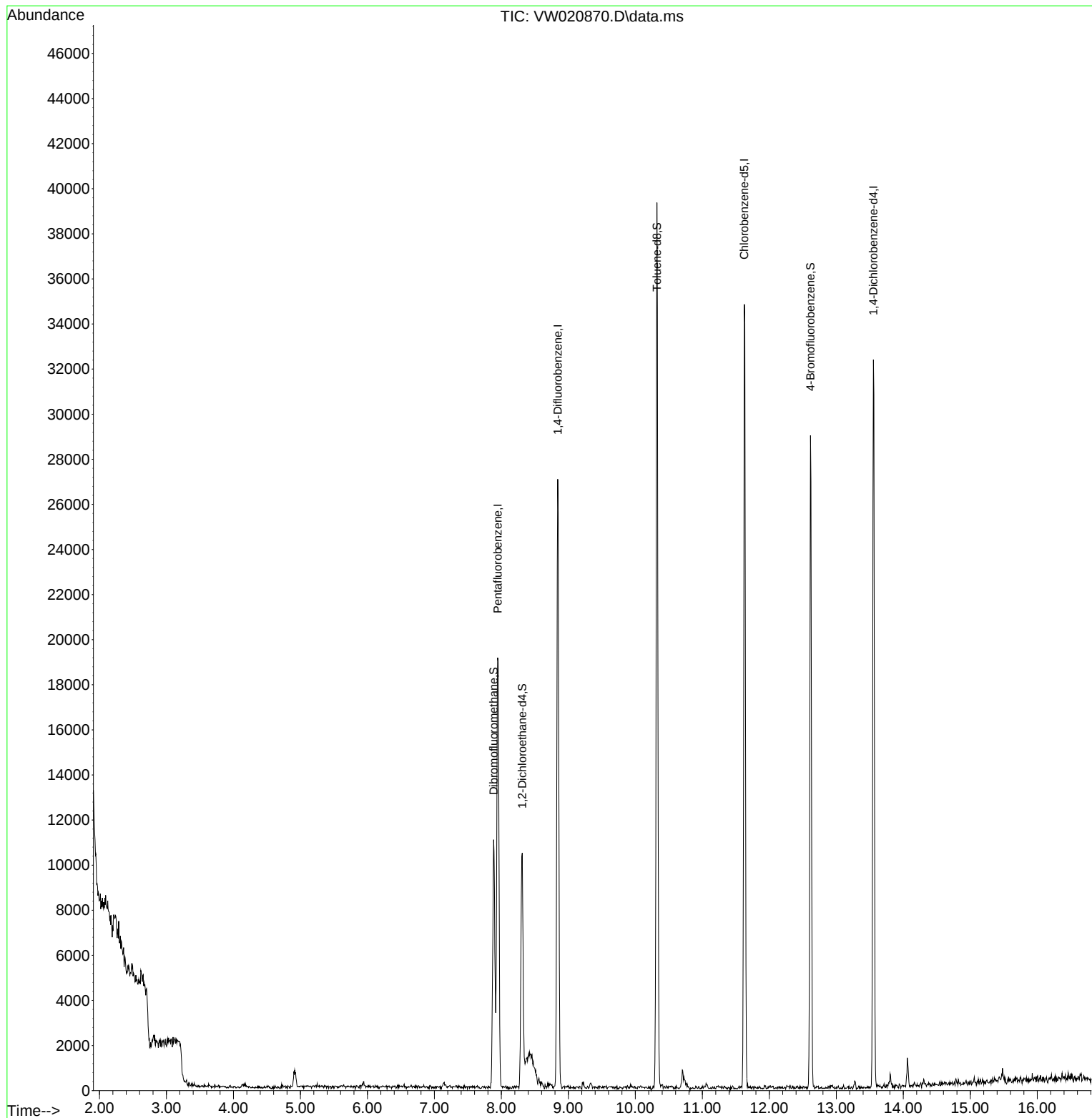
Target Compounds	Qvalue

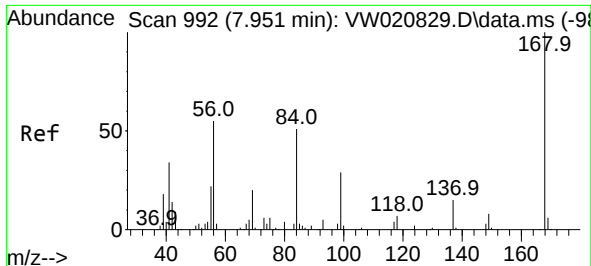
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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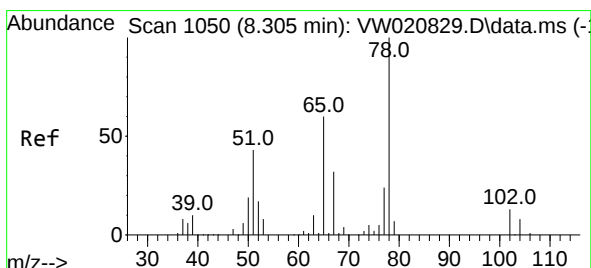
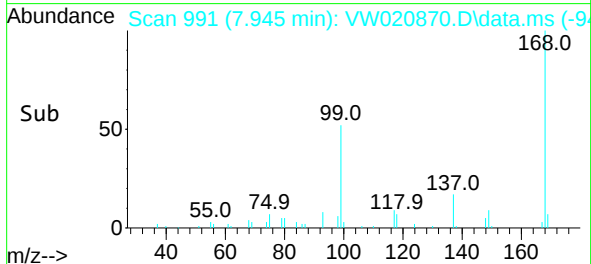
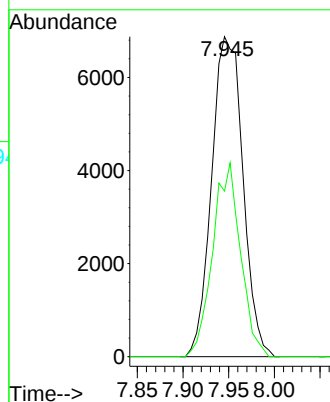
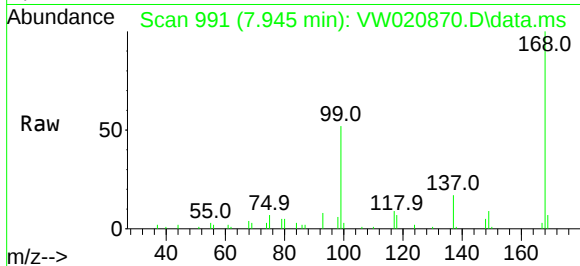




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

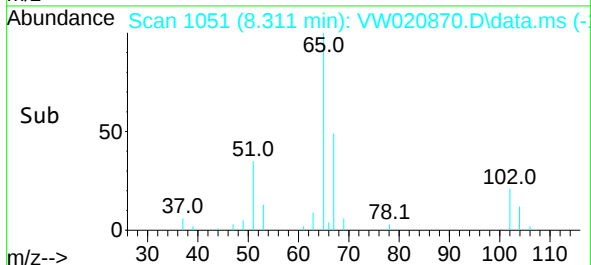
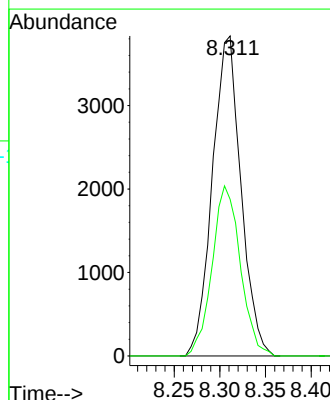
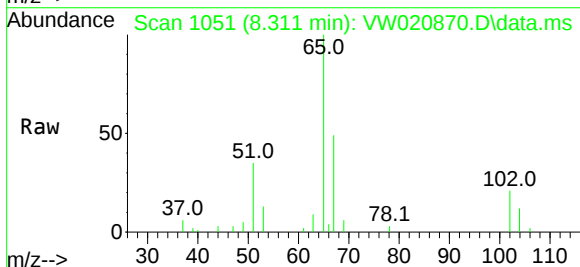
Instrument :
MSVOA_W
ClientSampleId :
SU-02-111021

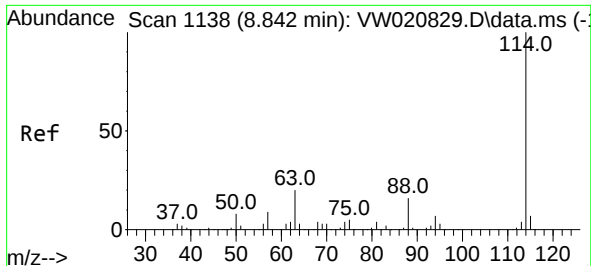
Tgt Ion:168 Resp: 16362
Ion Ratio Lower Upper
168 100
99 51.8 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 61.549 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Tgt Ion: 65 Resp: 8328
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.2

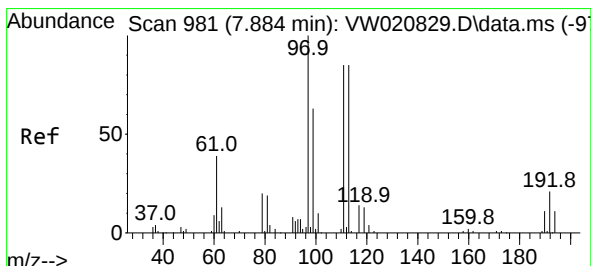
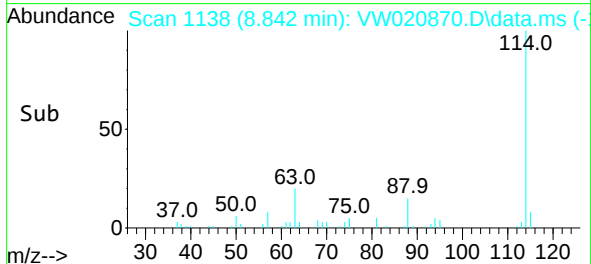
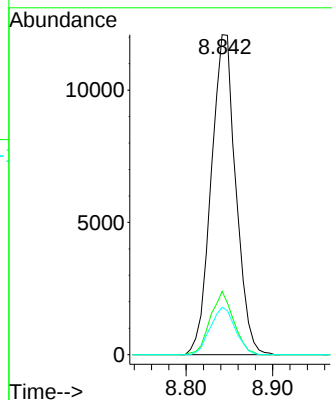
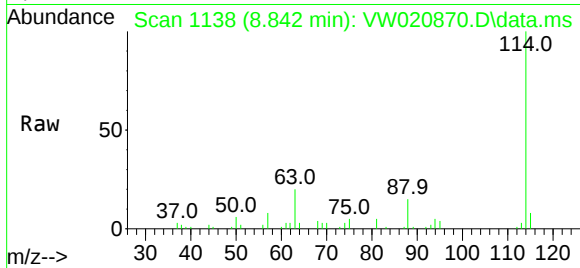




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

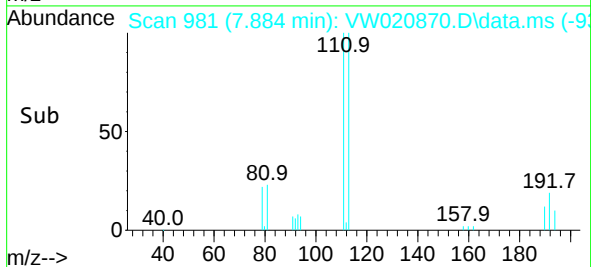
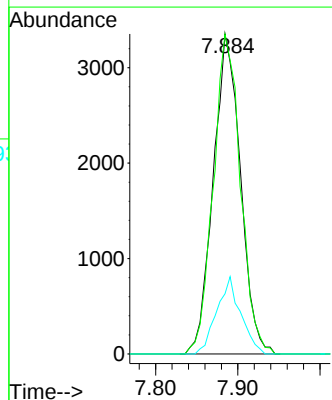
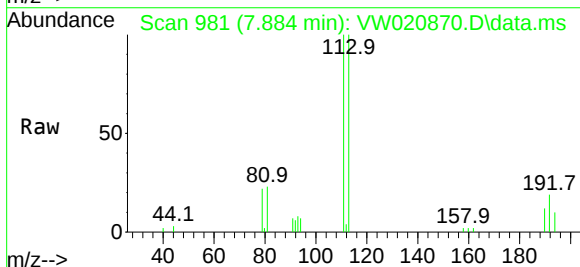
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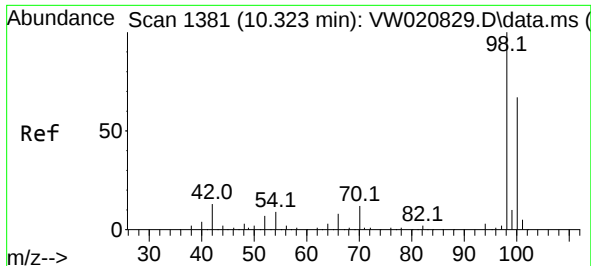
Tgt Ion:114	Resp:	23898
Ion Ratio	Lower	Upper
114	100	
63	19.8	0.0 42.8
88	14.8	0.0 33.0



#35
Dibromofluoromethane
Concen: 57.723 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Tgt Ion:113	Resp:	7712
Ion Ratio	Lower	Upper
113	100	
111	99.7	82.1 123.1
192	21.2	17.8 26.8

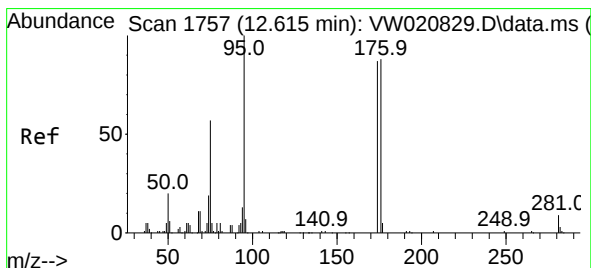
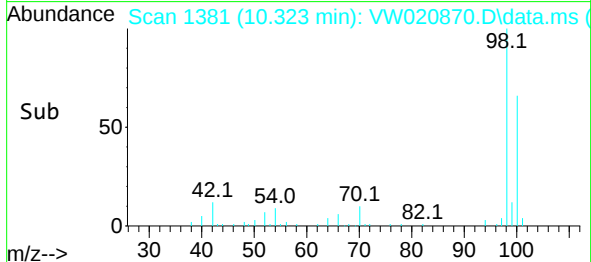
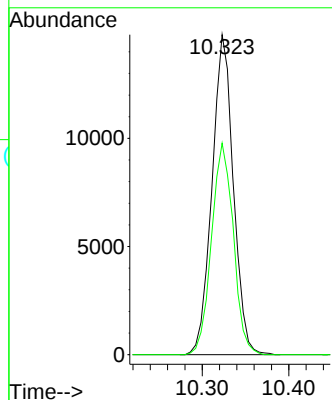
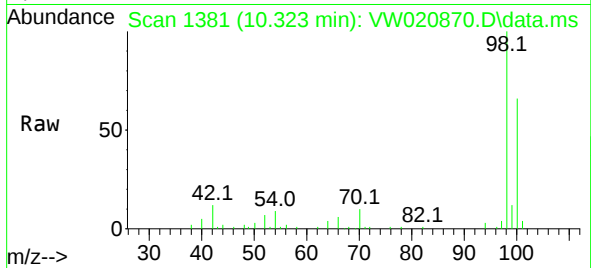




#50
Toluene-d8
Concen: 48.435 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

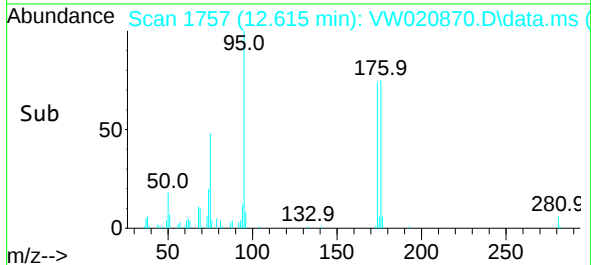
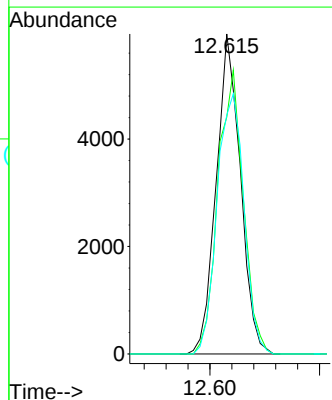
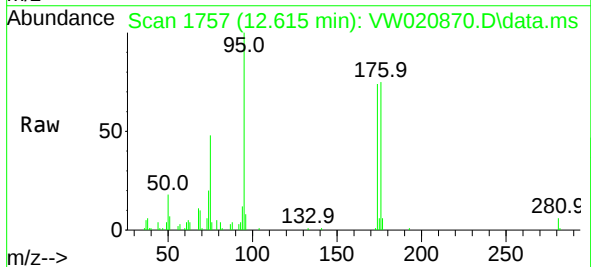
Instrument :
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SU-02-111021

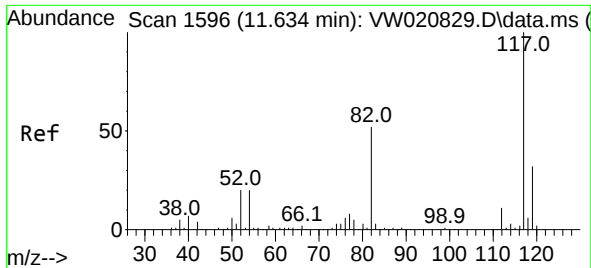
Tgt Ion: 98 Resp: 25318
Ion Ratio Lower Upper
98 100
100 67.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.311 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Tgt Ion: 95 Resp: 9111
Ion Ratio Lower Upper
95 100
174 93.1 0.0 166.4
176 90.3 0.0 159.8

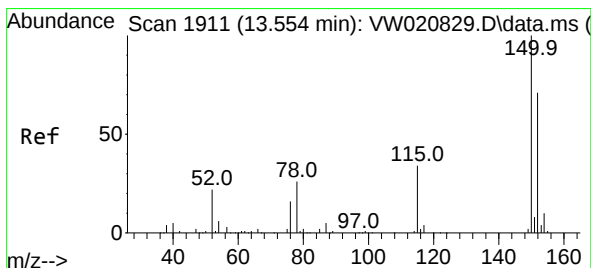
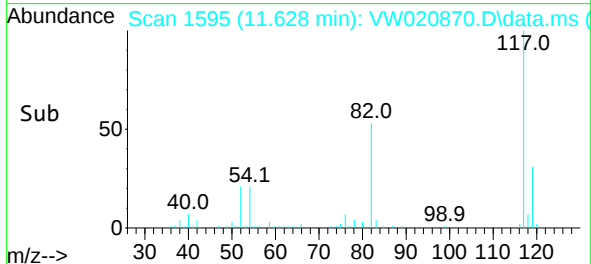
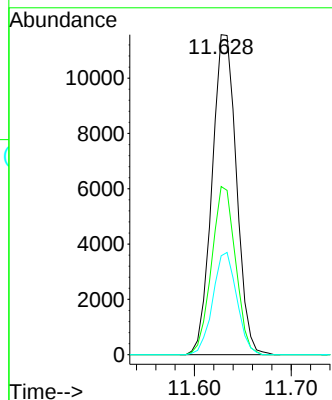
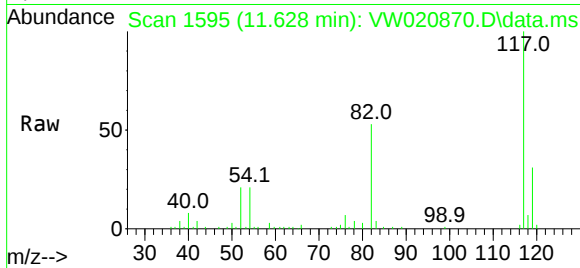




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020870.D
Acq: 12 Nov 2021 22:00

Instrument :
MSVOA_W
ClientSampleId :
SU-02-111021

Tgt Ion:	117	Resp:	20281
Ion	Ratio	Lower	Upper
117	100		
82	52.6	45.6	68.4
119	30.9	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: VW020870.D
Acq: 12 Nov 2021 22:00

Tgt Ion:	152	Resp:	9079
Ion	Ratio	Lower	Upper
152	100		
115	53.9	29.6	88.9
150	158.9	0.0	352.6

