

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020835.D
 Acq On : 10 Nov 2021 16:02
 Operator : SY/VA
 Sample : VW1110SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1110SBL01

Quant Time: Nov 11 02:07:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:59:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	76437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	103899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	88508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	46597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	29321	46.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.780%
35) Dibromofluoromethane	7.884	113	27771	47.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.620%
50) Toluene-d8	10.323	98	111485	49.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.615	95	38295	46.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.420%

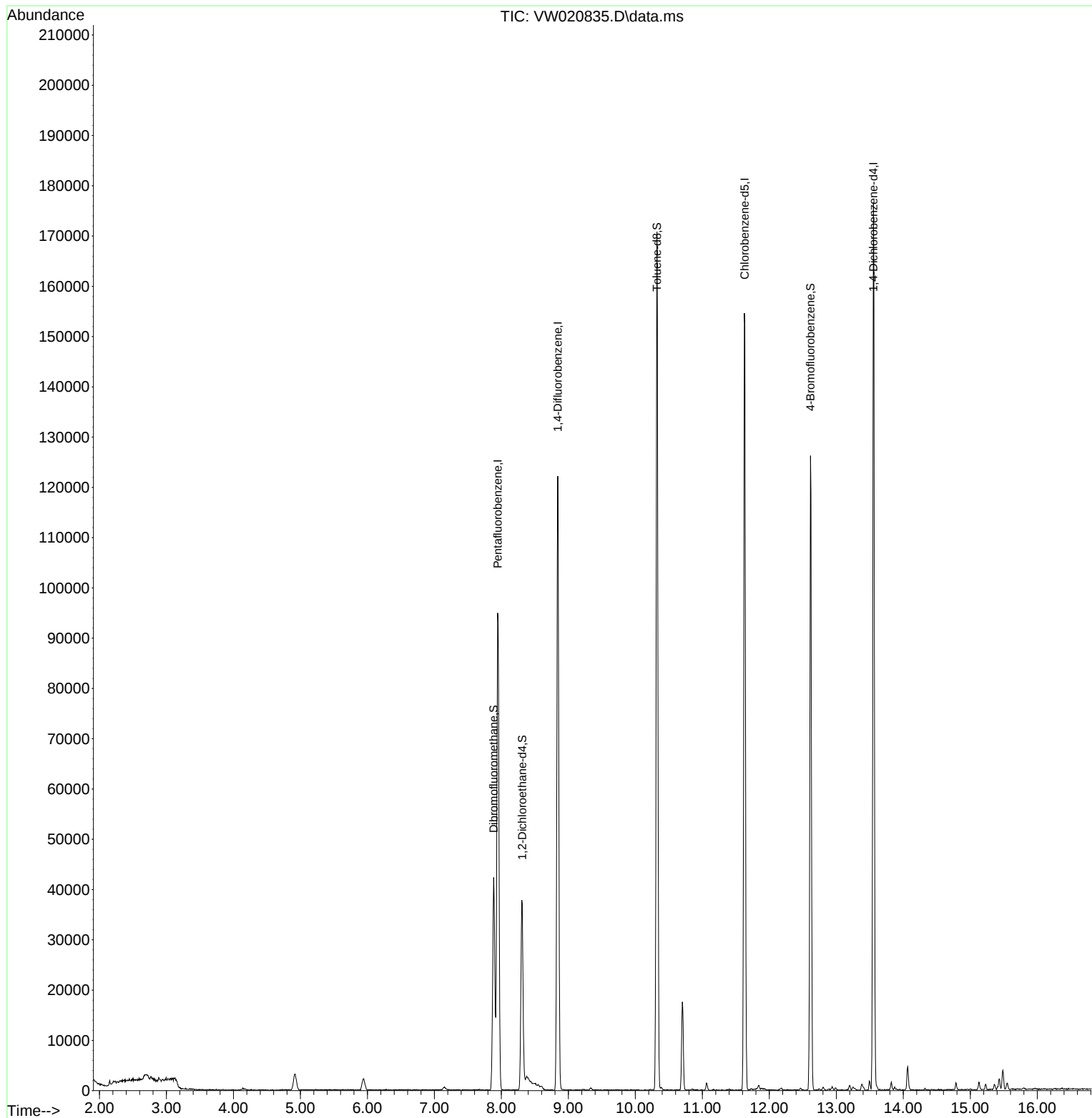
Target Compounds	Qvalue

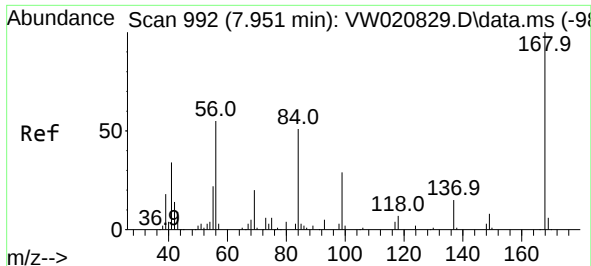
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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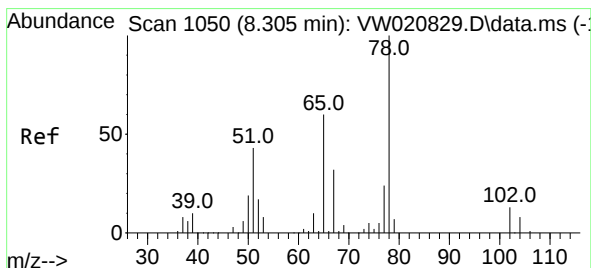
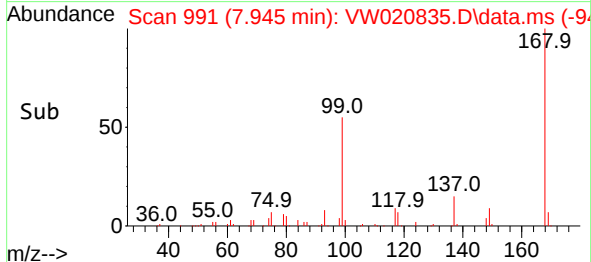
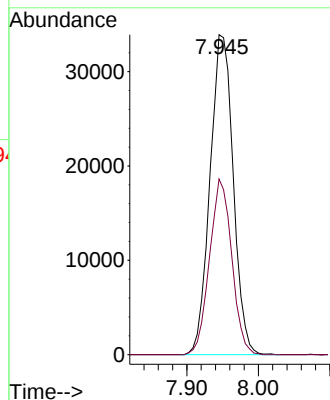
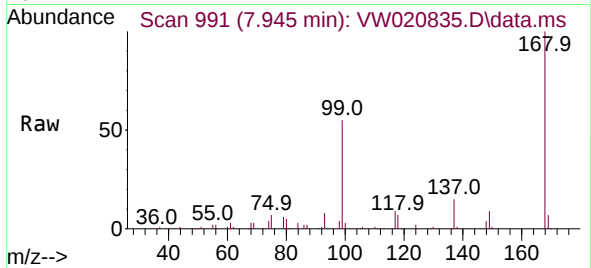




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020835.D
Acq: 10 Nov 2021 16:02

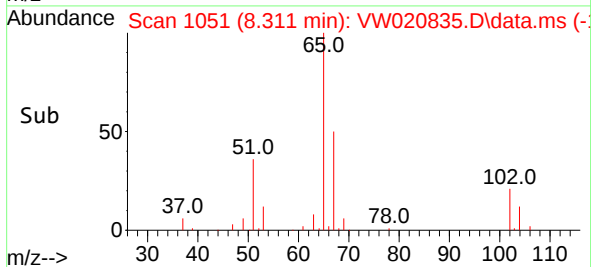
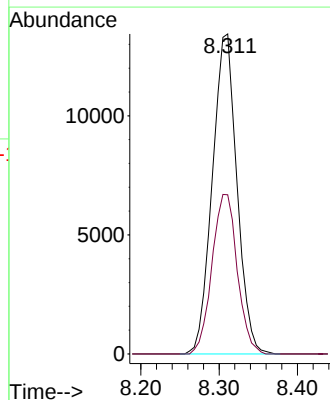
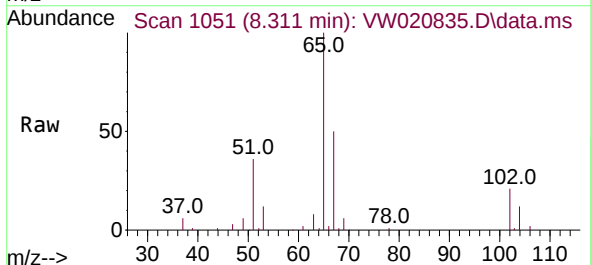
Instrument :
MSVOA_W
ClientSampleId :
VW1110SBL01

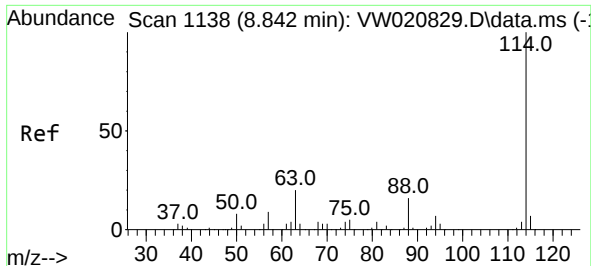
Tgt Ion:168 Resp: 76437
Ion Ratio Lower Upper
168 100
99 54.9 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 46.386 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020835.D
Acq: 10 Nov 2021 16:02

Tgt Ion: 65 Resp: 29321
Ion Ratio Lower Upper
65 100
67 51.1 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: VW020835.D

Acq: 10 Nov 2021 16:02

Instrument :

MSVOA_W

ClientSampleId :

VW1110SBL01

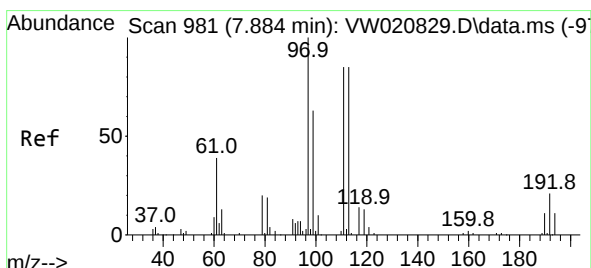
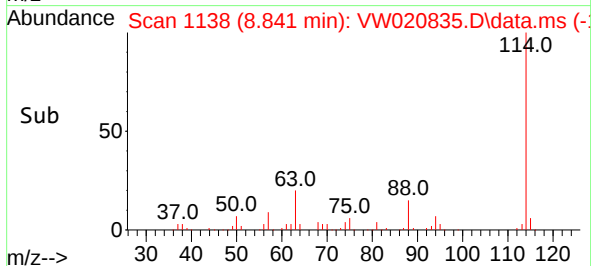
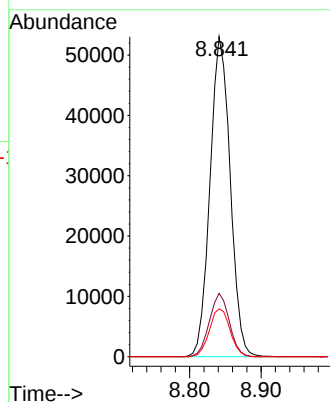
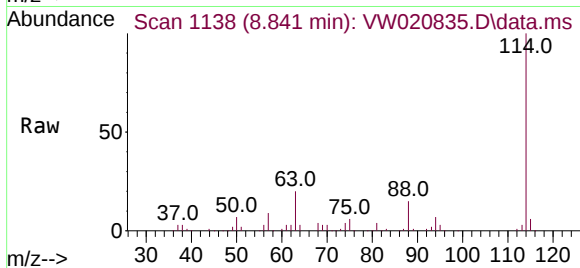
Tgt Ion:114 Resp: 103899

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 14.9 0.0 33.0



#35

Dibromofluoromethane

Concen: 47.811 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020835.D

Acq: 10 Nov 2021 16:02

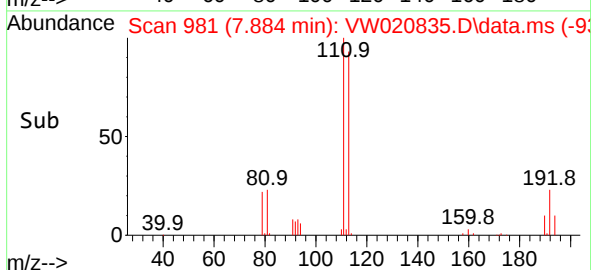
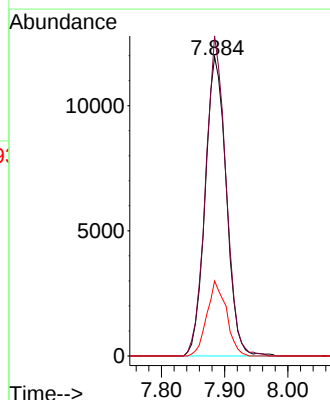
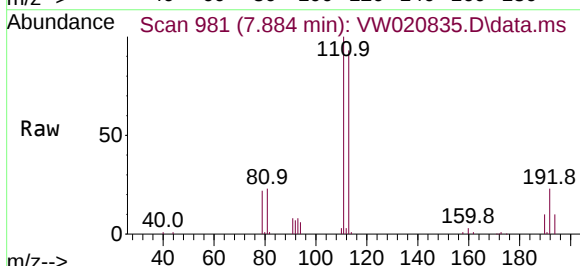
Tgt Ion:113 Resp: 27771

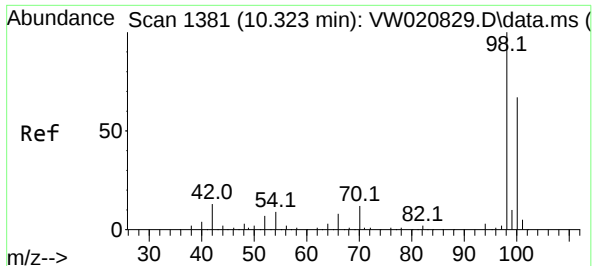
Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 23.1 17.8 26.8

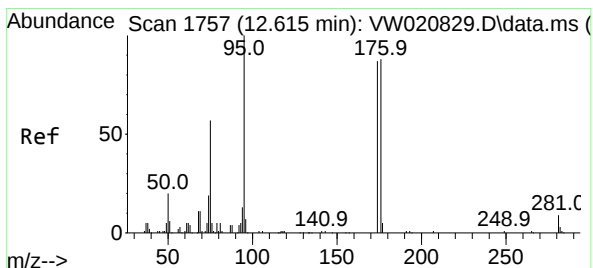
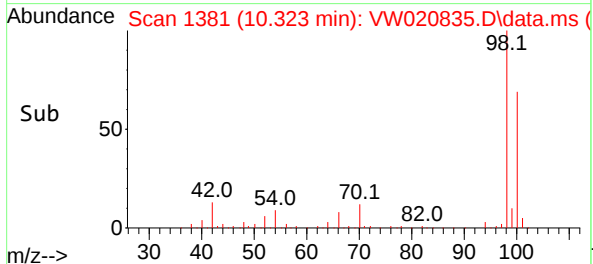
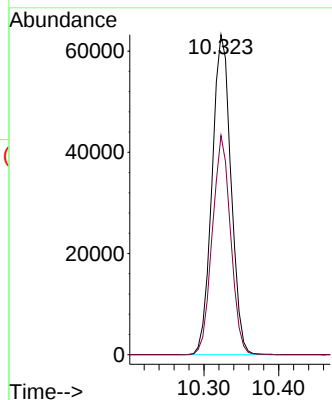
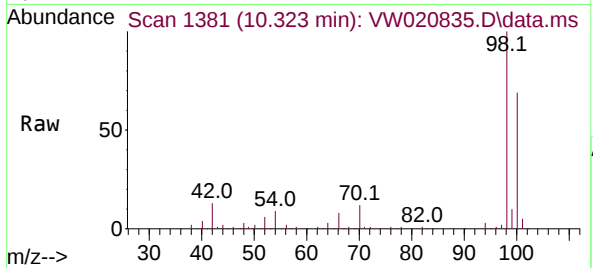




#50
Toluene-d8
Concen: 49.056 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020835.D
Acq: 10 Nov 2021 16:02

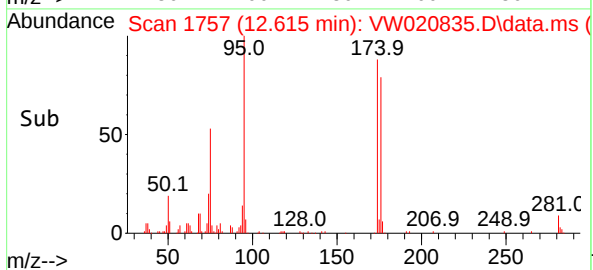
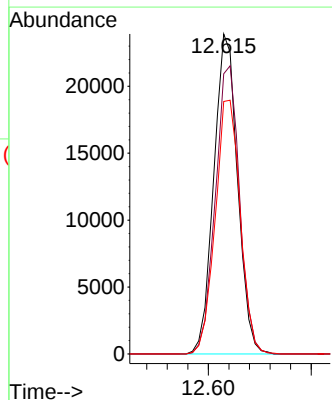
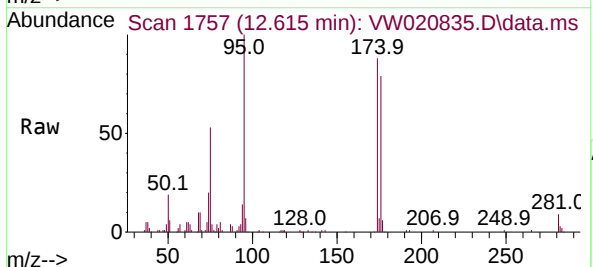
Instrument :
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VW1110SBL01

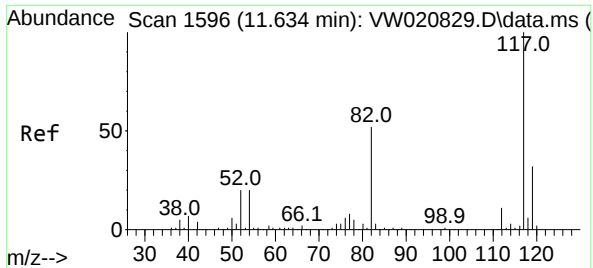
Tgt Ion: 98 Resp: 111485
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.706 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020835.D
Acq: 10 Nov 2021 16:02

Tgt Ion: 95 Resp: 38295
Ion Ratio Lower Upper
95 100
174 91.8 0.0 166.4
176 83.5 0.0 159.8

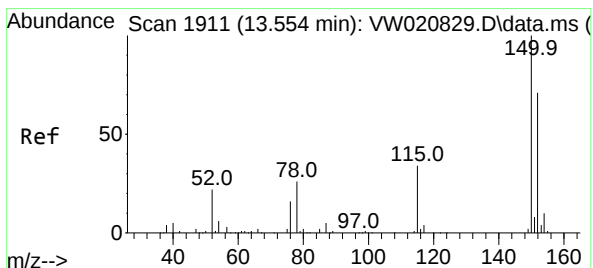
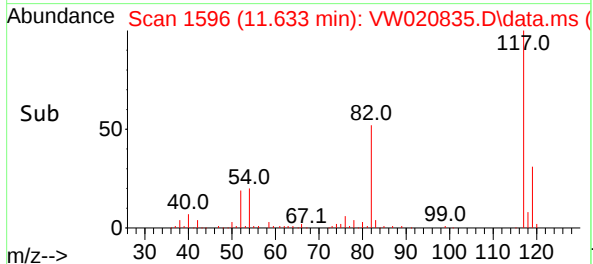
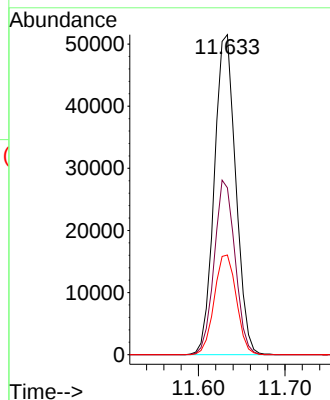
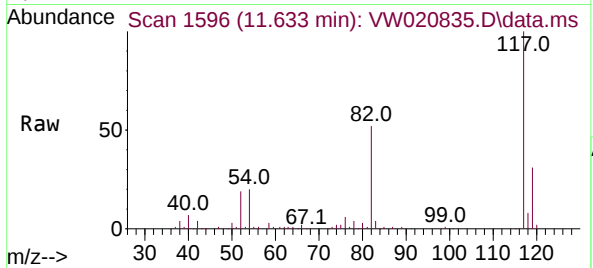




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020835.D
Acq: 10 Nov 2021 16:02

Instrument :
MSVOA_W
ClientSampleId :
VW1110SBL01

Tgt Ion:	117	Resp:	88508
Ion Ratio	Lower	Upper	
117	100		
82	52.2	45.6	68.4
119	31.1	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: VW020835.D
Acq: 10 Nov 2021 16:02

Tgt Ion:	152	Resp:	46597
Ion Ratio	Lower	Upper	
152	100		
115	55.3	29.6	88.9
150	156.5	0.0	352.6

