

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020874.D
 Acq On : 12 Nov 2021 23:36
 Operator : SY/VA
 Sample : M4577-03
 Misc : 5.63g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Quant Time: Nov 15 00:14:13 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	7.946	168	71426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	109771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	91260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	36968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38360	64.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.880%
35) Dibromofluoromethane	7.885	113	35499	57.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.700%
50) Toluene-d8	10.323	98	117652	49.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.615	95	38252	44.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.320%

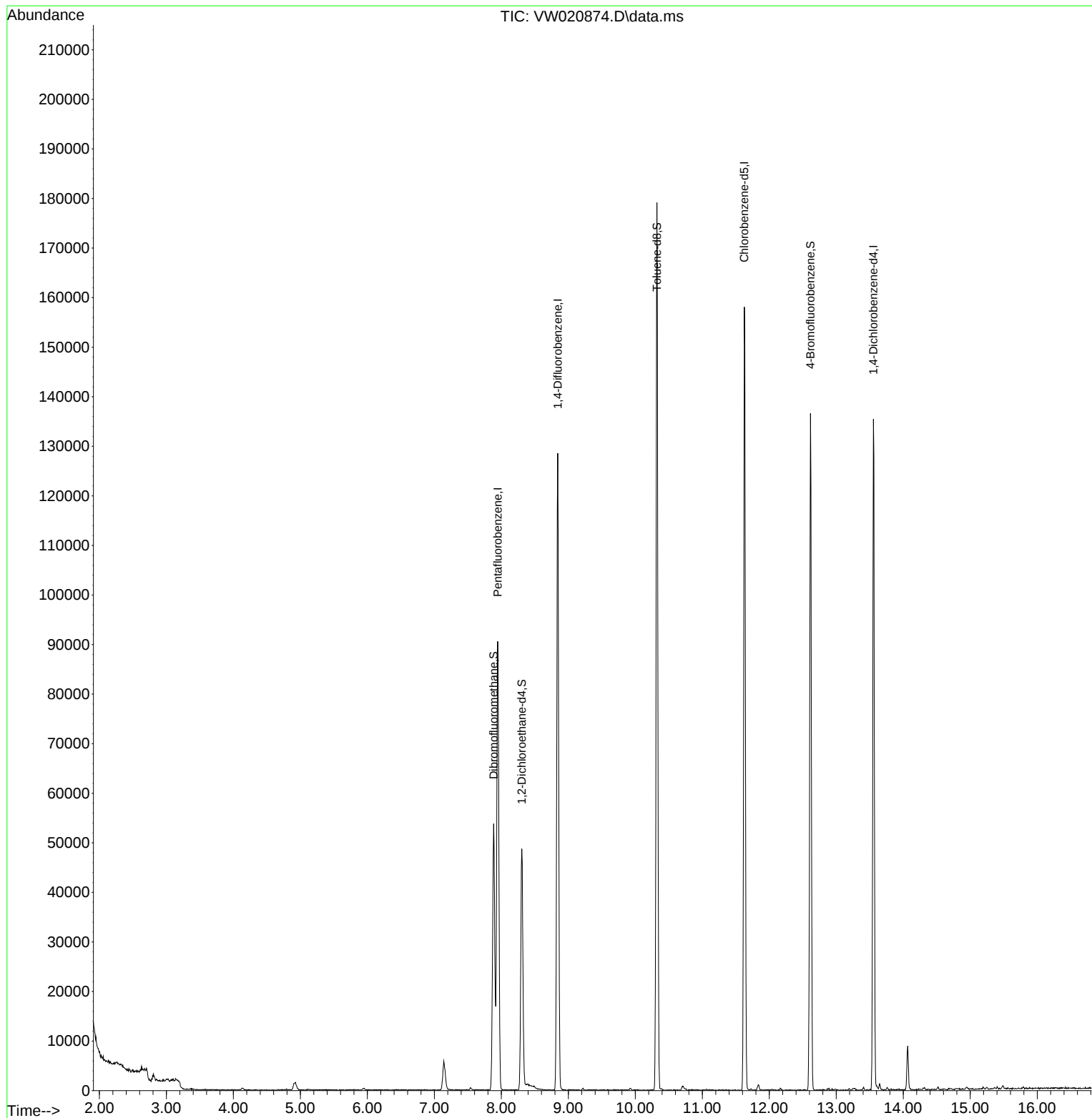
Target Compounds	Qvalue

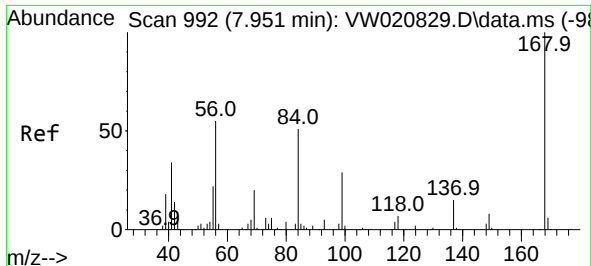
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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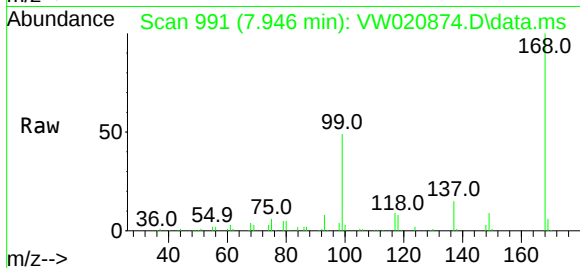
Quant Time: Nov 15 00:14:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
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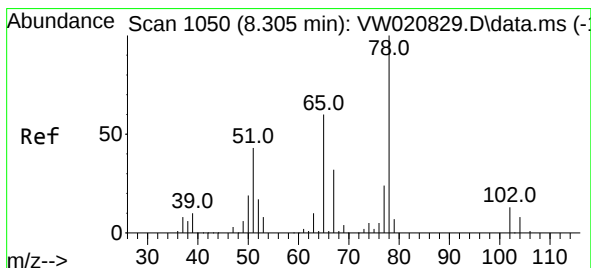
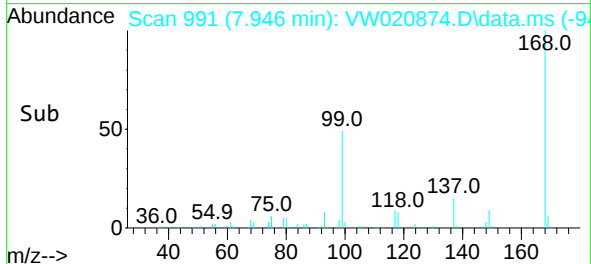
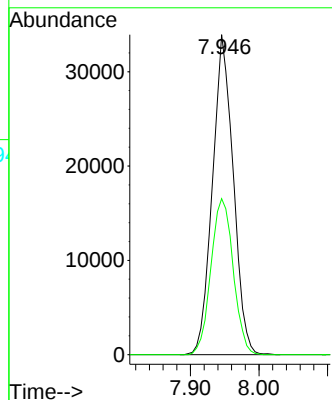


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

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ClientSampleId :
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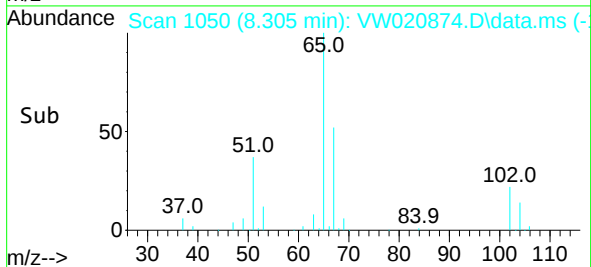
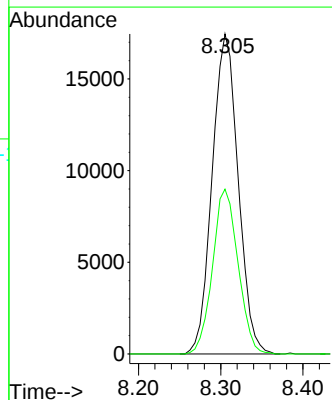
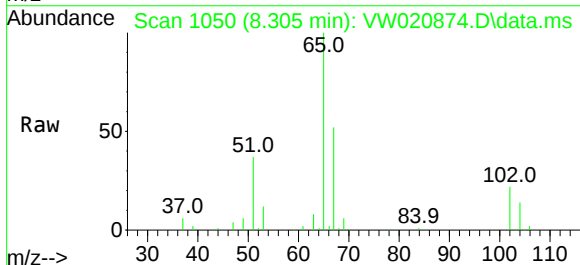


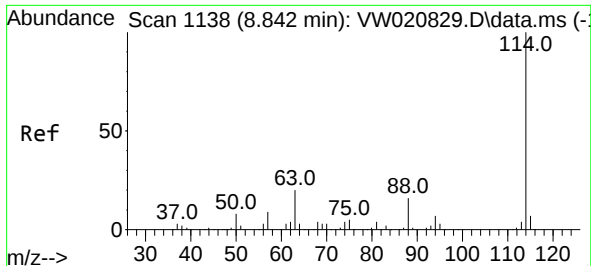
Tgt Ion:168 Resp: 71426
Ion Ratio Lower Upper
168 100
99 48.8 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 64.944 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Tgt Ion: 65 Resp: 38360
Ion Ratio Lower Upper
65 100
67 50.5 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: VW020874.D

Acq: 12 Nov 2021 23:36

Instrument :

MSVOA_W

ClientSampleId :

SB-3

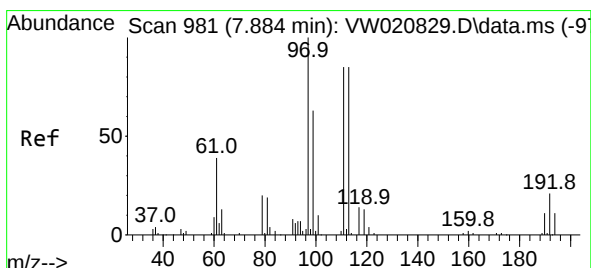
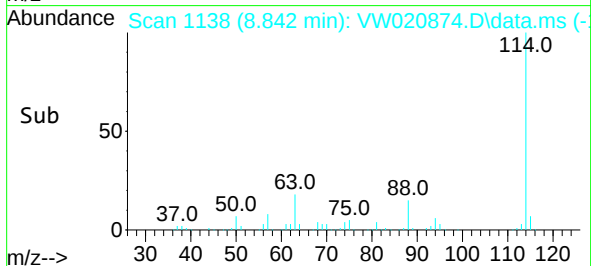
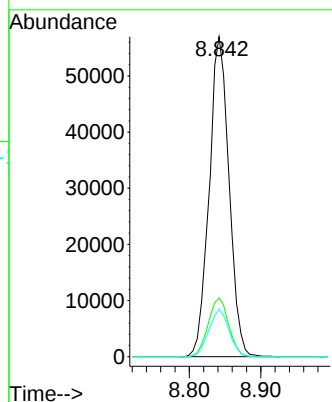
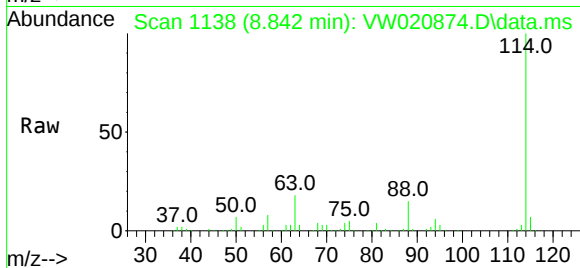
Tgt Ion:114 Resp: 109771

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.8

88 14.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 57.846 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020874.D

Acq: 12 Nov 2021 23:36

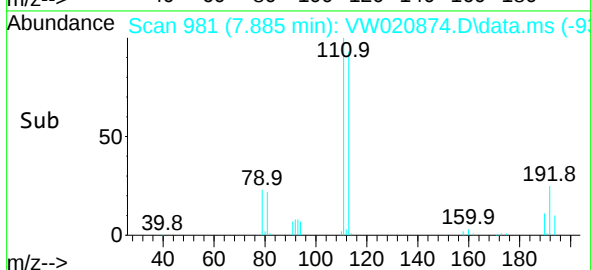
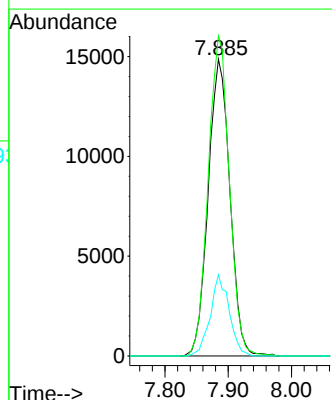
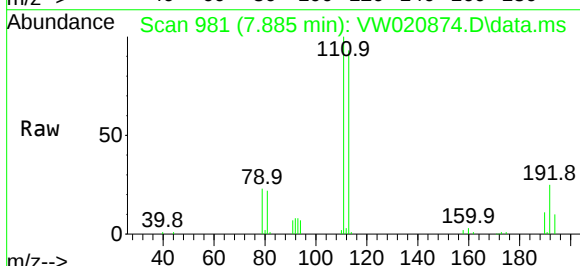
Tgt Ion:113 Resp: 35499

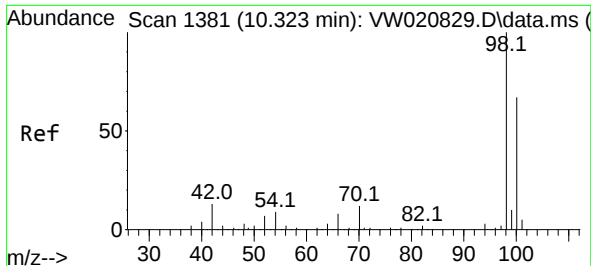
Ion Ratio Lower Upper

113 100

111 105.2 82.1 123.1

192 23.8 17.8 26.8

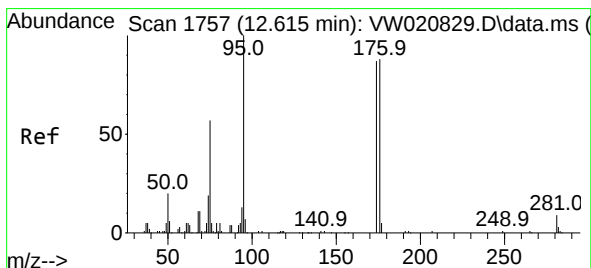
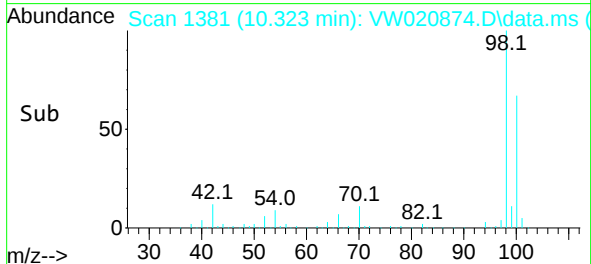
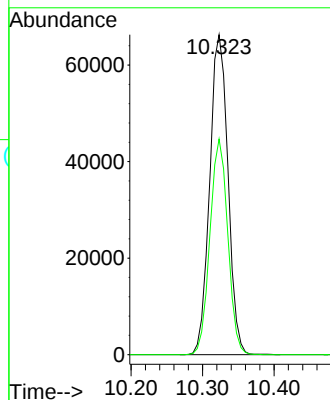
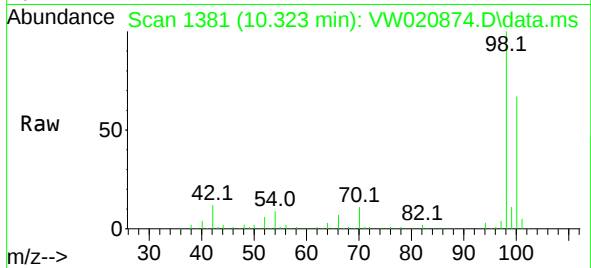




#50
Toluene-d8
Concen: 49.001 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

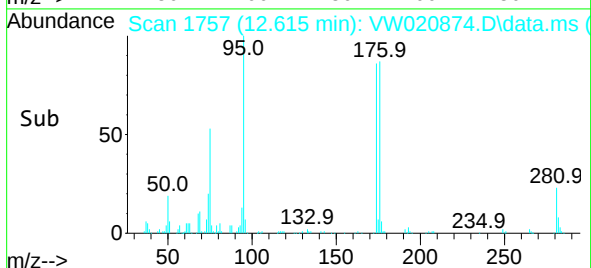
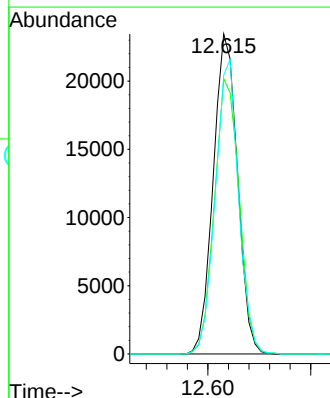
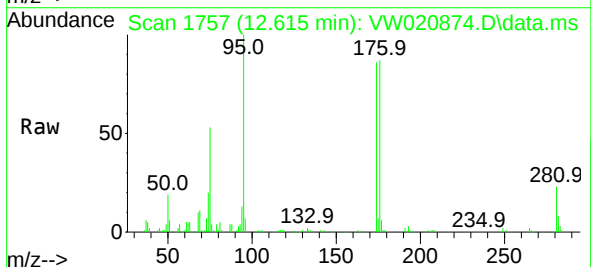
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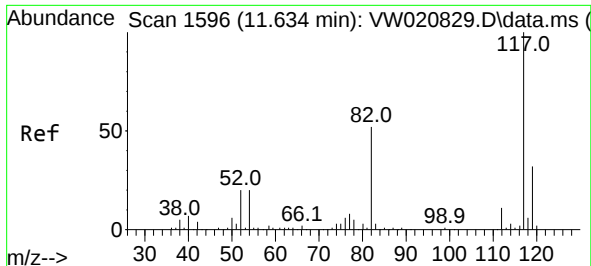
Tgt Ion: 98 Resp: 117652
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 44.158 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Tgt Ion: 95 Resp: 38252
Ion Ratio Lower Upper
95 100
174 88.3 0.0 166.4
176 88.5 0.0 159.8

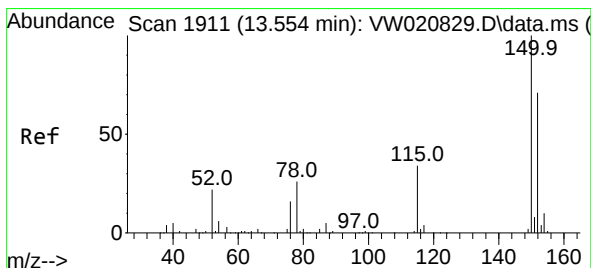
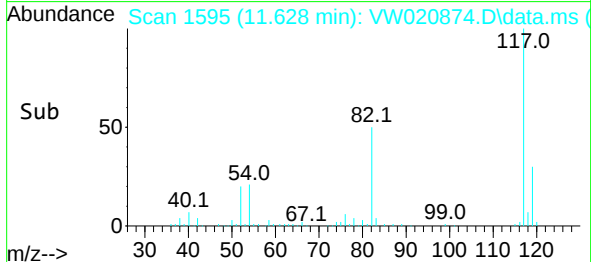
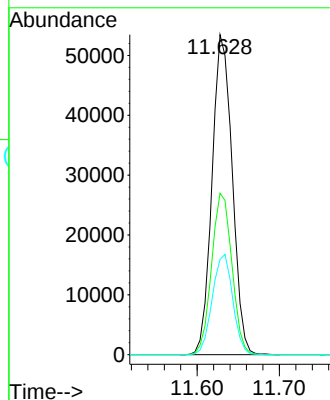
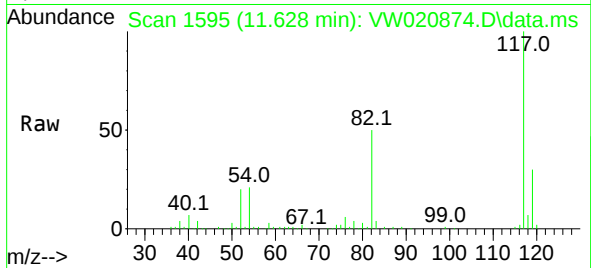




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020874.D
Acq: 12 Nov 2021 23:36

Instrument :
MSVOA_W
ClientSampleId :
SB-3

Tgt Ion:117 Resp: 91260
Ion Ratio Lower Upper
117 100
82 50.4 45.6 68.4
119 29.8 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: VW020874.D
Acq: 12 Nov 2021 23:36

Tgt Ion:152 Resp: 36968
Ion Ratio Lower Upper
152 100
115 54.2 29.6 88.9
150 150.9 0.0 352.6

