

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020873.D
 Acq On : 12 Nov 2021 23:12
 Operator : SY/VA
 Sample : M4577-02
 Misc : 6.60g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Quant Time: Nov 15 00:14:00 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	4864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	7570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	6110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	2510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	2130	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.890	113	2113	49.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.860%	
50) Toluene-d8	10.323	98	6879	41.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.100%	
62) 4-Bromofluorobenzene	12.621	95	2179	36.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.960%	

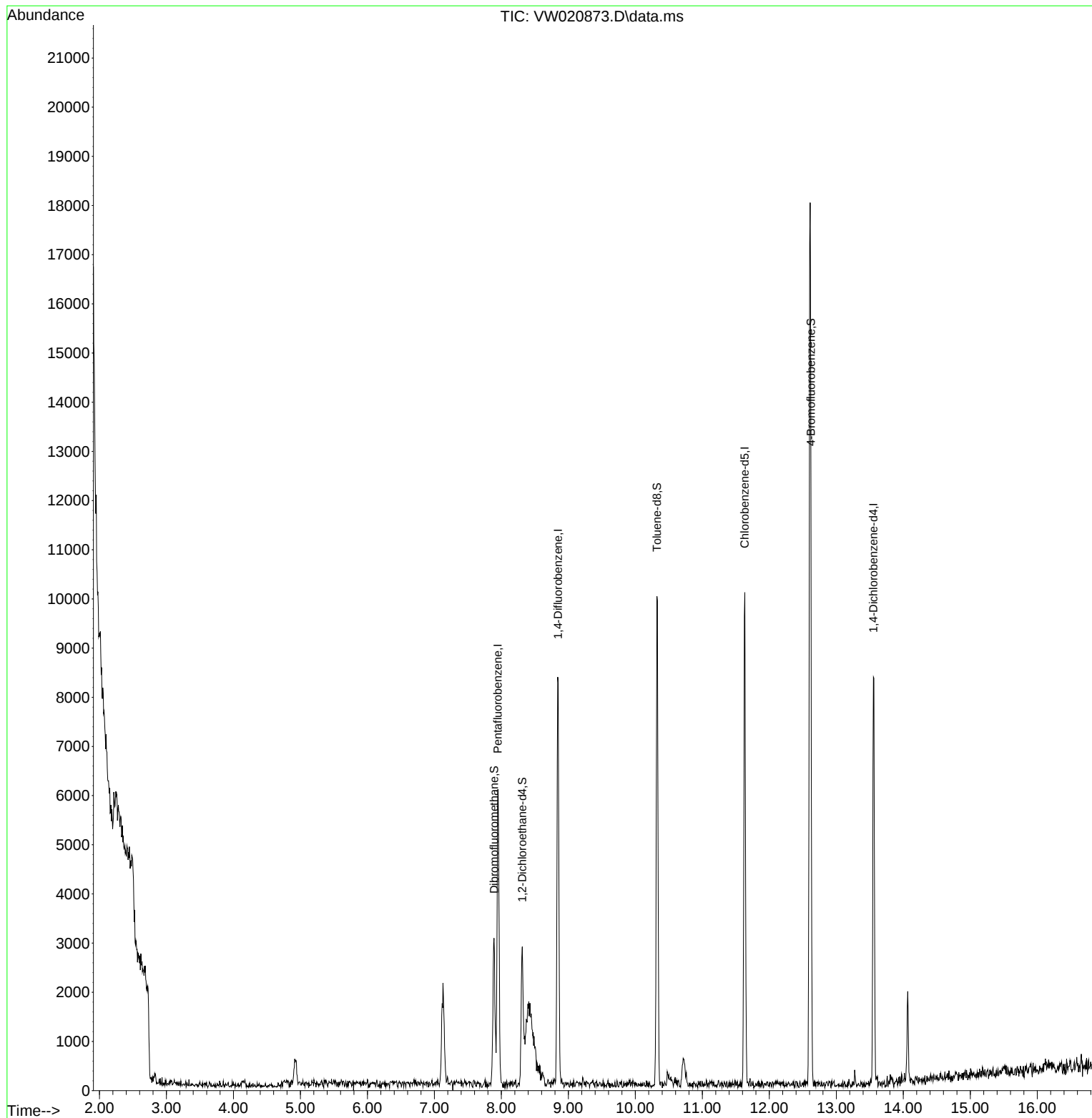
Target Compounds	Qvalue

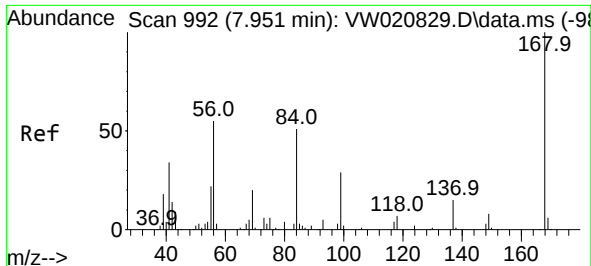
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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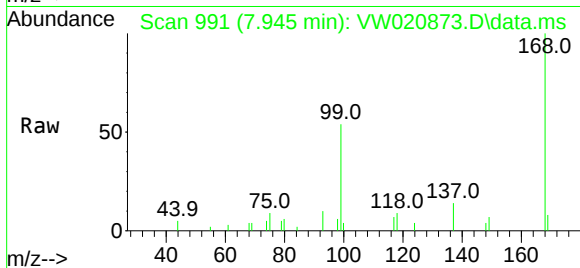
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
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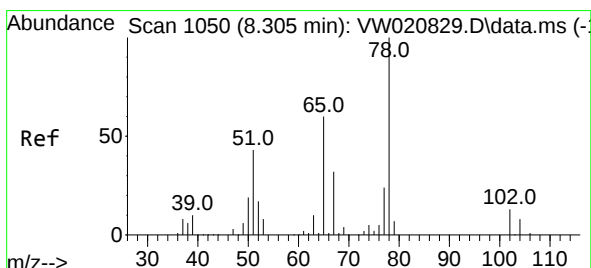
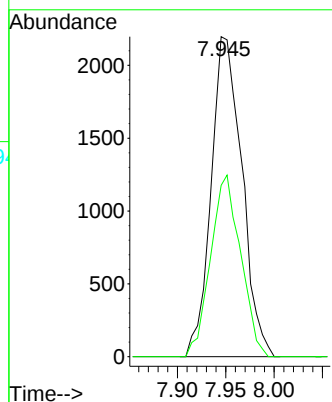
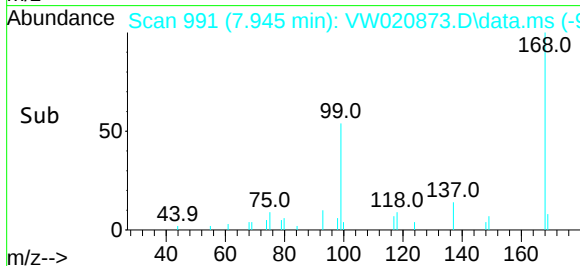


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Instrument :
MSVOA_W
ClientSampleId :
SB-2

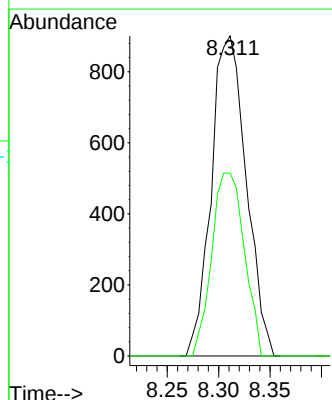
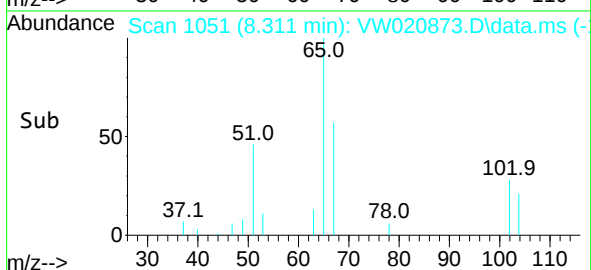
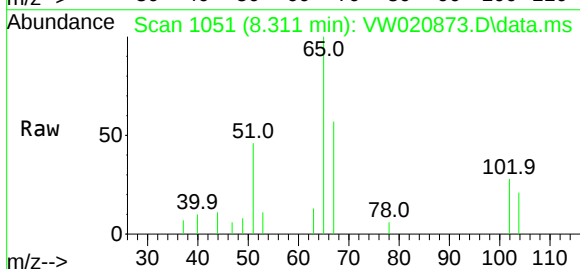


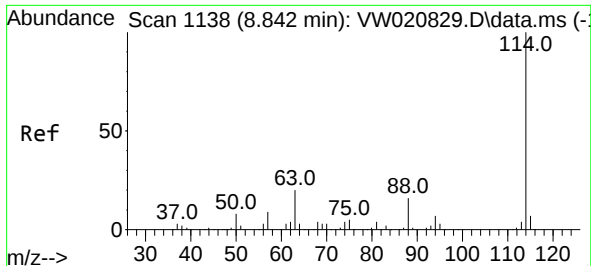
Tgt Ion:168 Resp: 4864
Ion Ratio Lower Upper
168 100
99 53.5 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 52.954 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Tgt Ion: 65 Resp: 2130
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

Instrument :

MSVOA_W

ClientSampleId :

SB-2

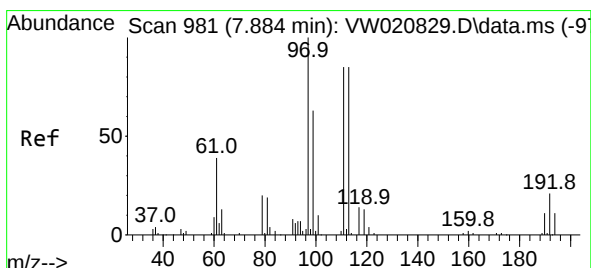
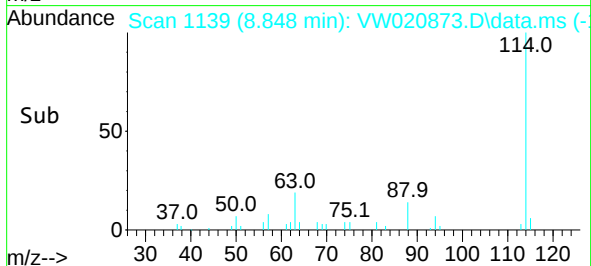
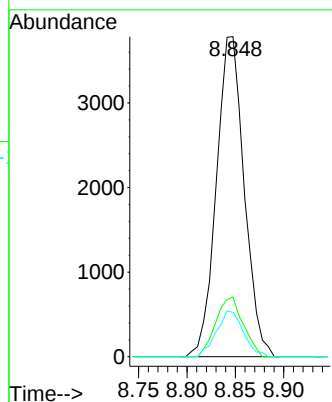
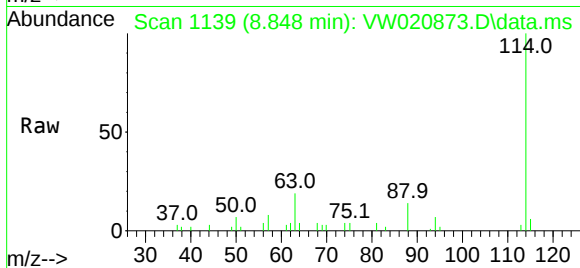
Tgt Ion:114 Resp: 7570

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

88 13.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 49.928 ug/l

RT: 7.890 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

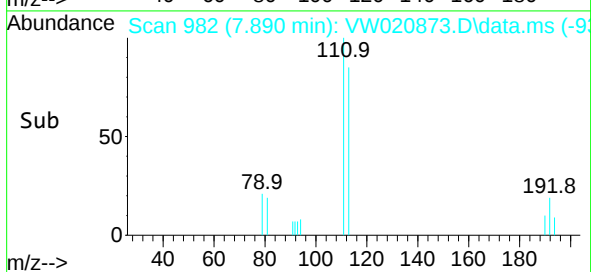
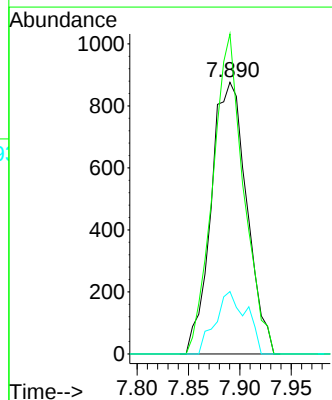
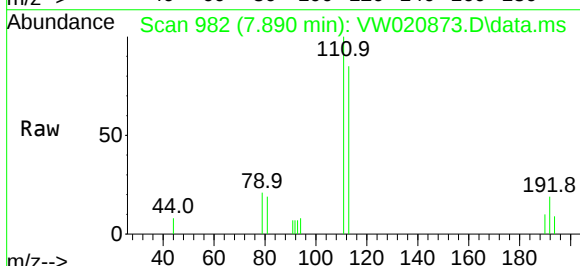
Tgt Ion:113 Resp: 2113

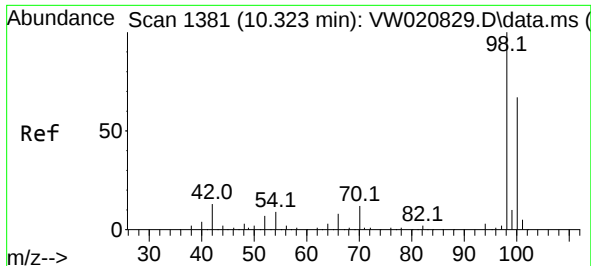
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 20.0 17.8 26.8

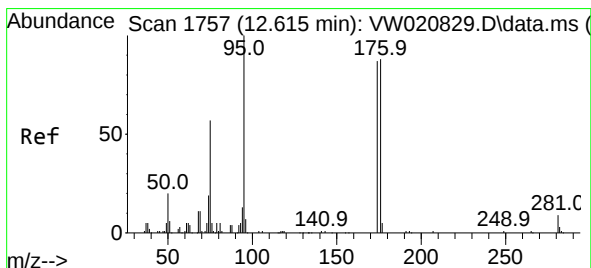
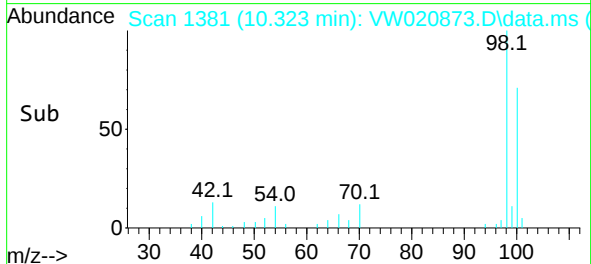
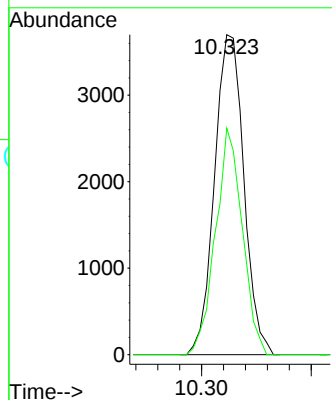
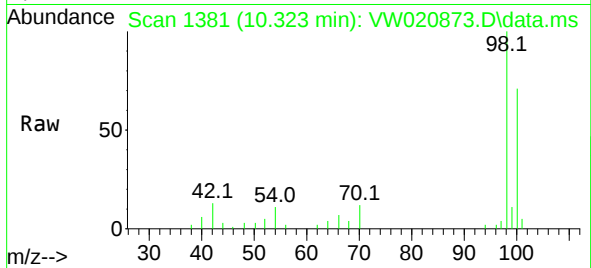




#50
Toluene-d8
Concen: 41.545 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

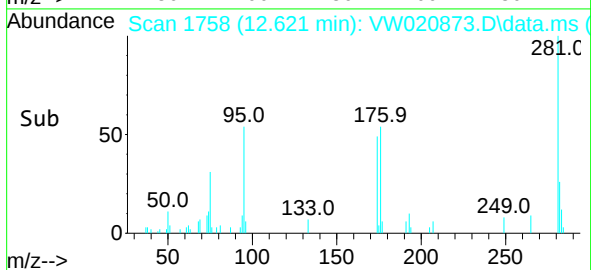
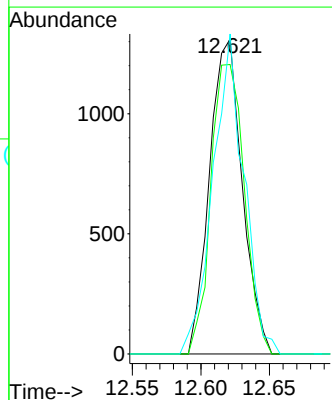
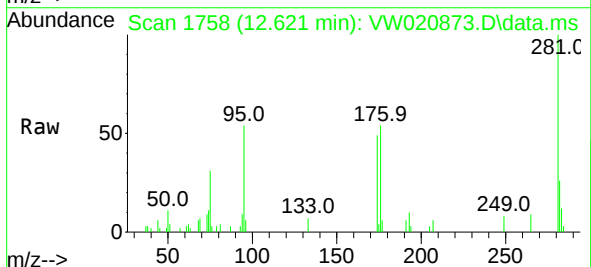
Instrument :
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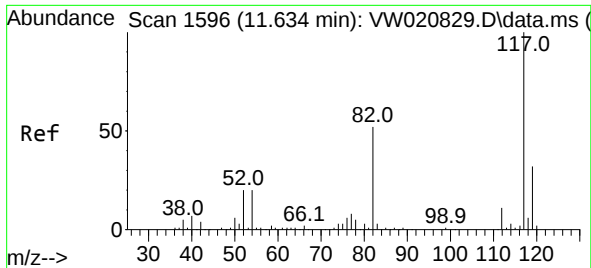
Tgt Ion: 98 Resp: 6879
Ion Ratio Lower Upper
98 100
100 64.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 36.476 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Tgt Ion: 95 Resp: 2179
Ion Ratio Lower Upper
95 100
174 94.1 0.0 166.4
176 96.0 0.0 159.8

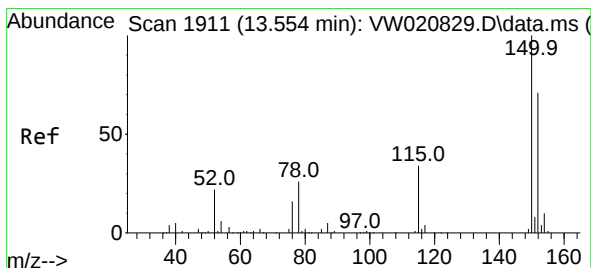
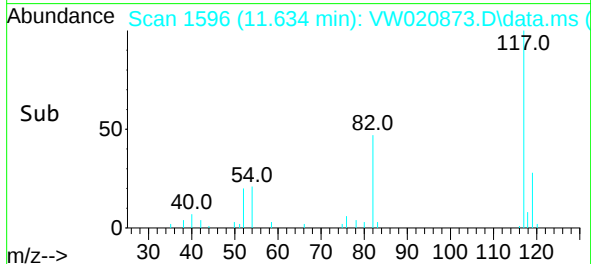
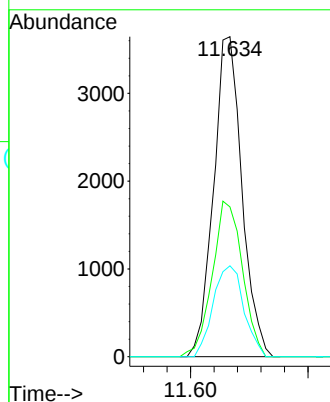
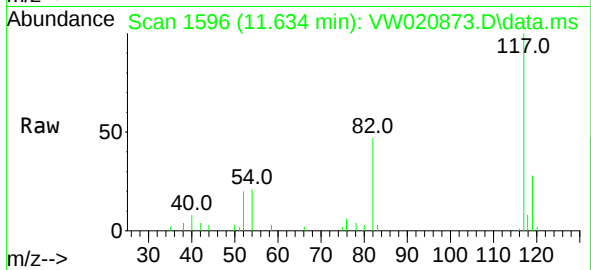




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Instrument :
MSVOA_W
ClientSampleId :
SB-2

Tgt Ion:	117	Resp:	6110
Ion	Ratio	Lower	Upper
117	100		
82	46.8	45.6	68.4
119	28.4	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: VW020873.D
Acq: 12 Nov 2021 23:12

Tgt Ion:	152	Resp:	2510
Ion	Ratio	Lower	Upper
152	100		
115	55.1	29.6	88.9
150	159.2	0.0	352.6

