

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020872.D
 Acq On : 12 Nov 2021 22:48
 Operator : SY/VA
 Sample : M4577-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Quant Time: Nov 15 00:13:47 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)

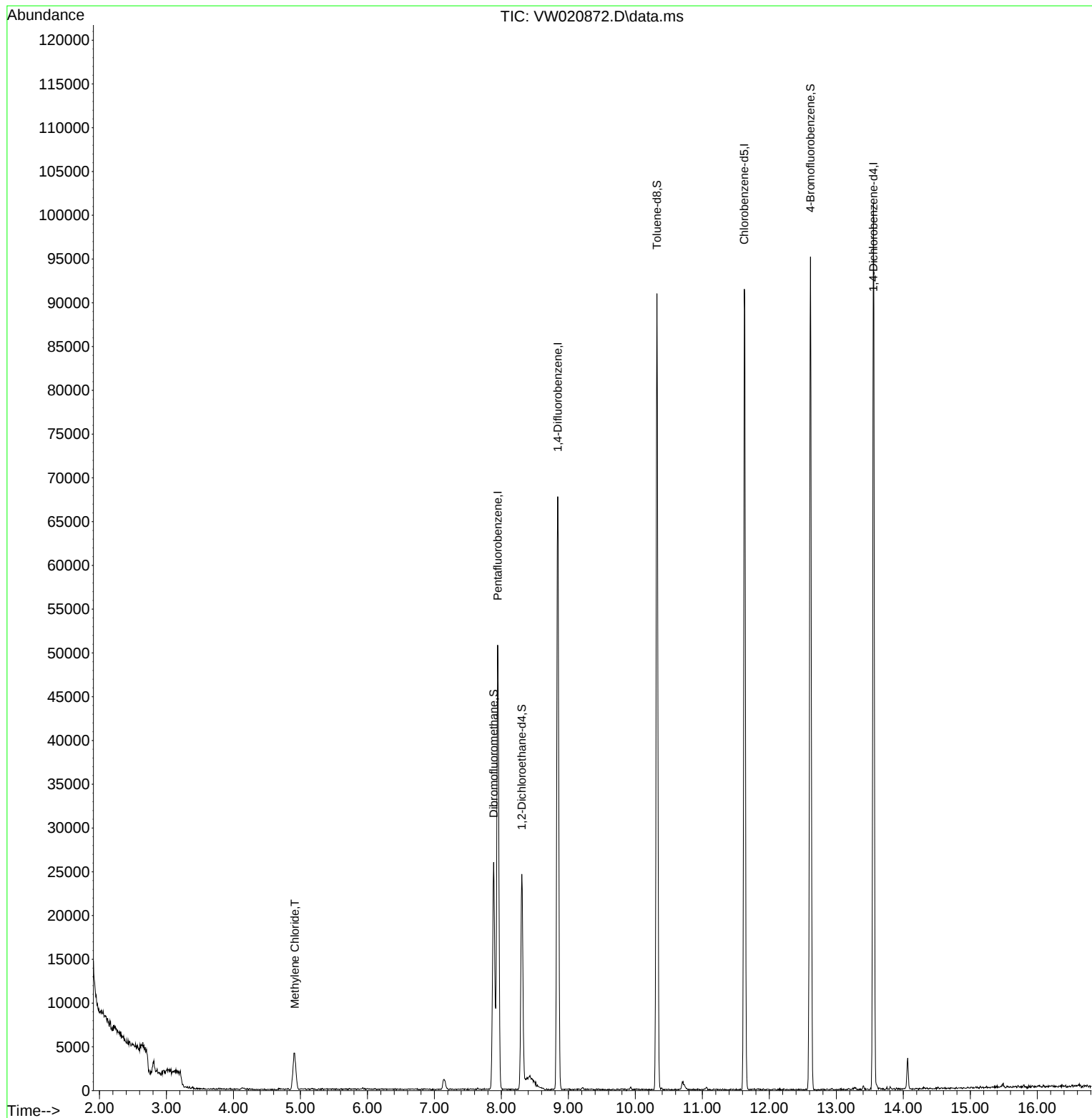
Internal Standards						
1) Pentafluorobenzene	7.945	168	39648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	60393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	52080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	26352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	18975	57.873	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	115.740%	
35) Dibromofluoromethane	7.884	113	17786	52.679	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	105.360%	
50) Toluene-d8	10.323	98	60097	45.494	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	90.980%	
62) 4-Bromofluorobenzene	12.615	95	22573	47.364	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.720%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.915	84	3232	8.351	ug/l	96

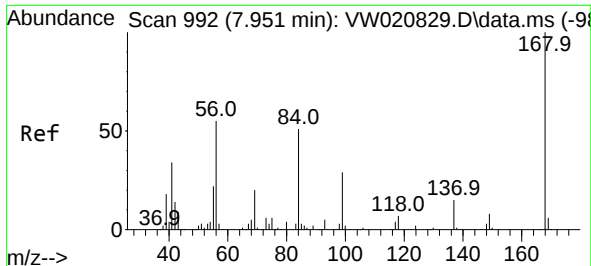
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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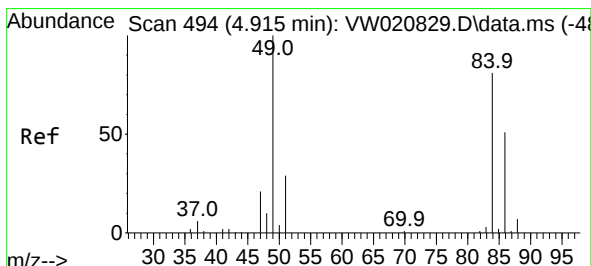
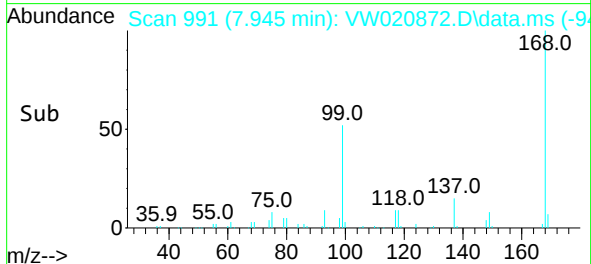
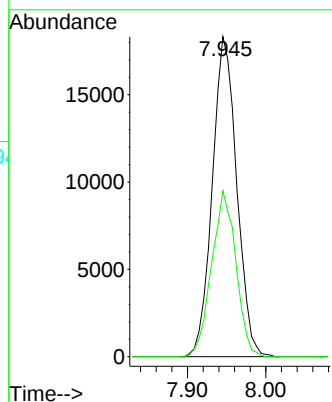
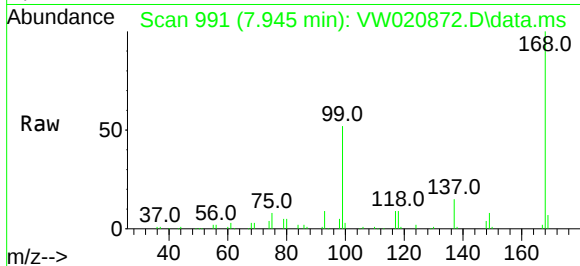




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

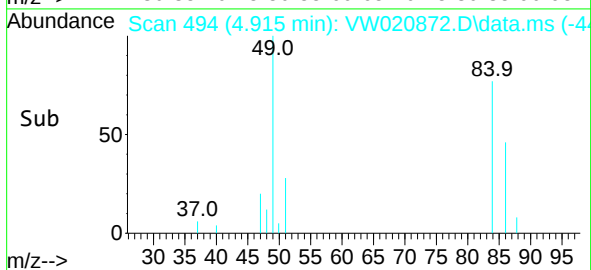
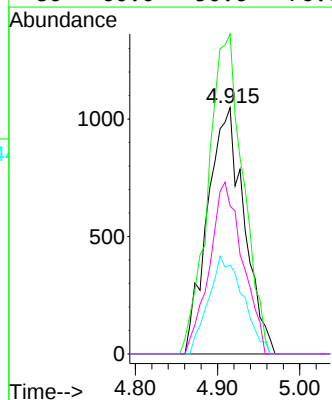
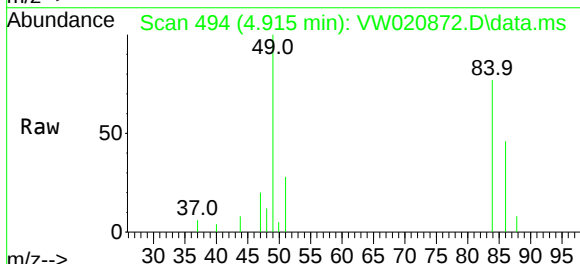
Instrument :
MSVOA_W
ClientSampleId :
SB-1

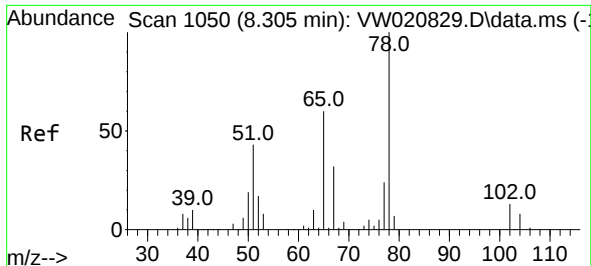
Tgt Ion:168 Resp: 39648
Ion Ratio Lower Upper
168 100
99 51.8 45.4 68.0



#20
Methylene Chloride
Concen: 8.351 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion: 84 Resp: 3232
Ion Ratio Lower Upper
84 100
49 130.0 100.0 150.0
51 36.0 30.8 46.2
86 60.0 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 57.873 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW020872.D

Acq: 12 Nov 2021 22:48

Instrument :

MSVOA_W

ClientSampleId :

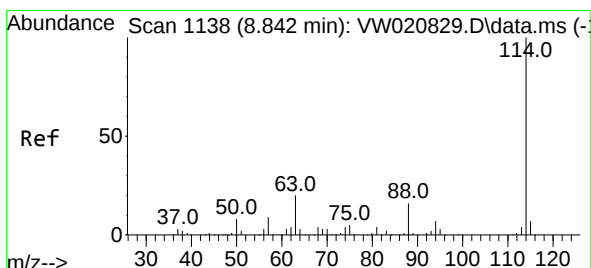
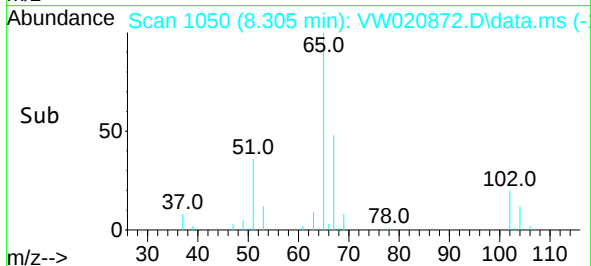
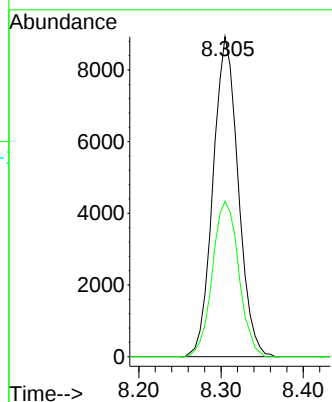
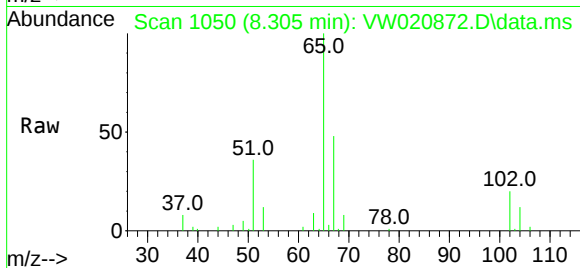
SB-1

Tgt Ion: 65 Resp: 18975

Ion Ratio Lower Upper

65 100

67 50.9 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: VW020872.D

Acq: 12 Nov 2021 22:48

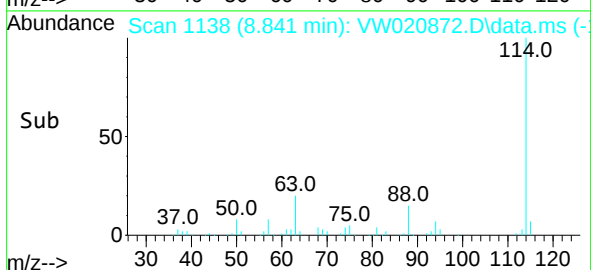
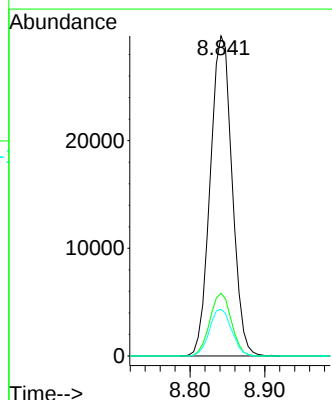
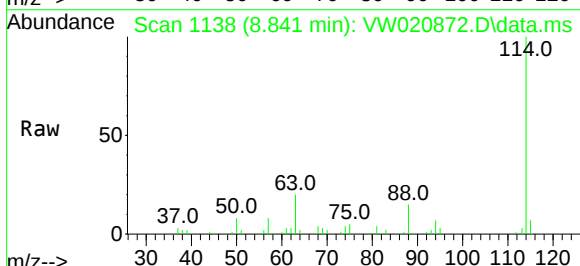
Tgt Ion: 114 Resp: 60393

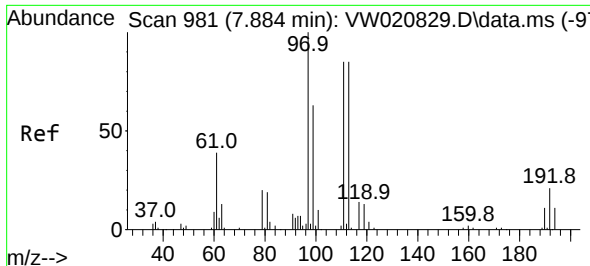
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 14.6 0.0 33.0

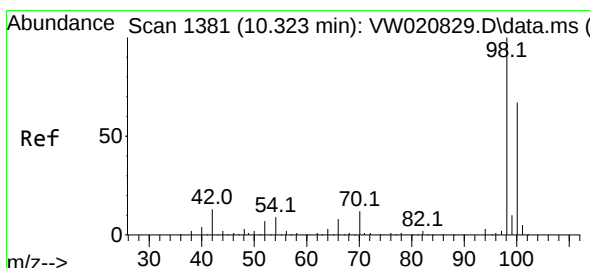
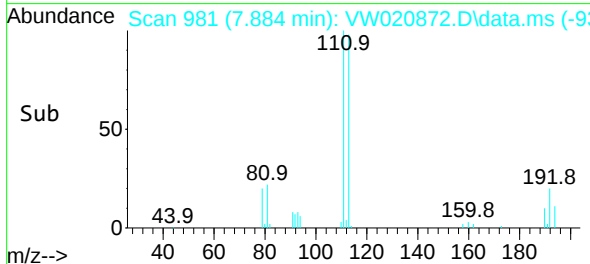
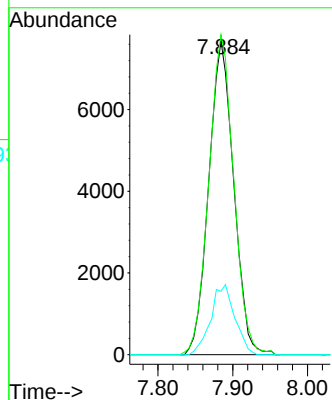
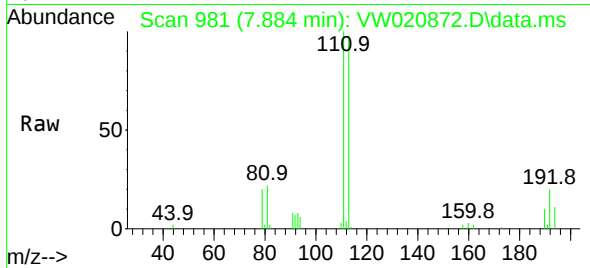




#35
 Dibromofluoromethane
 Concen: 52.679 ug/l
 RT: 7.884 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VW020872.D
 Acq: 12 Nov 2021 22:48

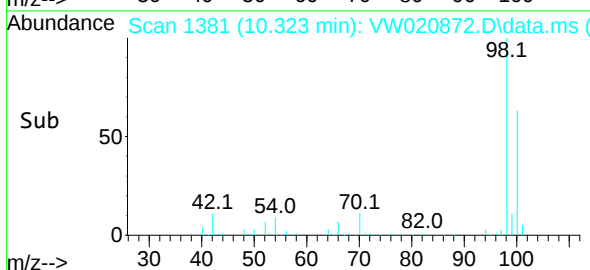
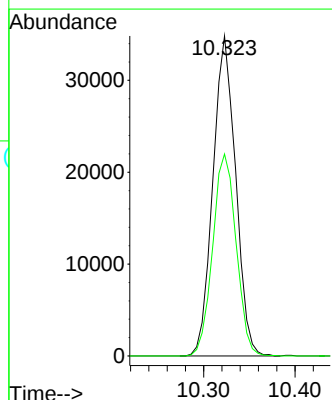
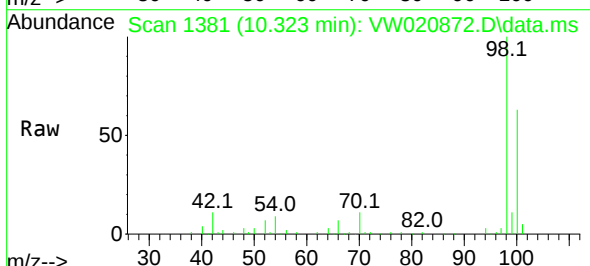
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

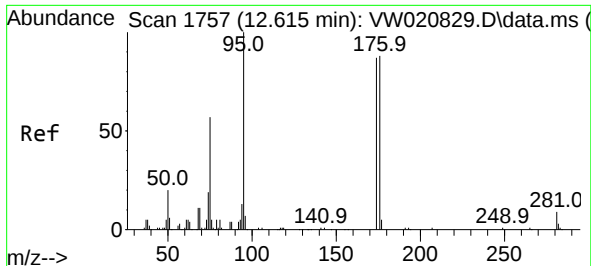
Tgt Ion:113 Resp: 17786
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 21.7 17.8 26.8



#50
 Toluene-d8
 Concen: 45.494 ug/l
 RT: 10.323 min Scan# 1381
 Delta R.T. -0.000 min
 Lab File: VW020872.D
 Acq: 12 Nov 2021 22:48

Tgt Ion: 98 Resp: 60097
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.2 79.8

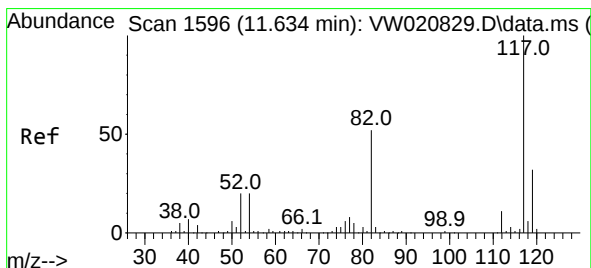
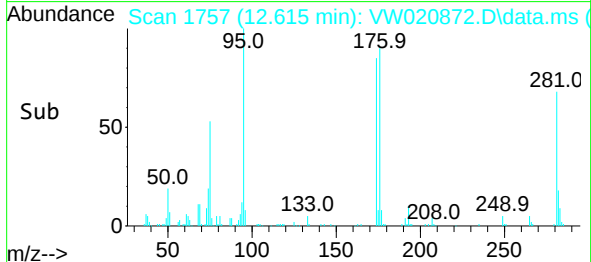
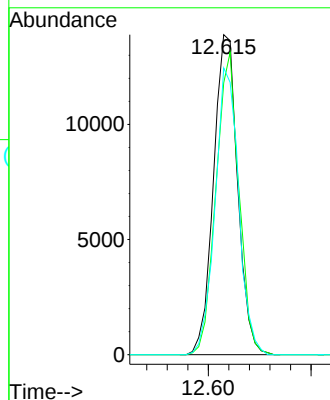
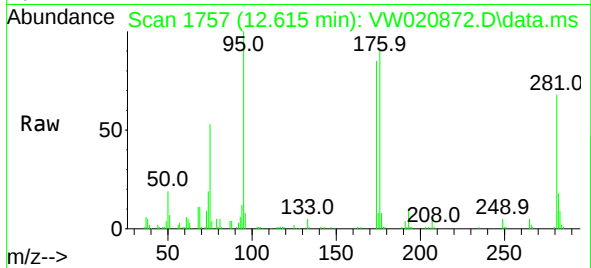




#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

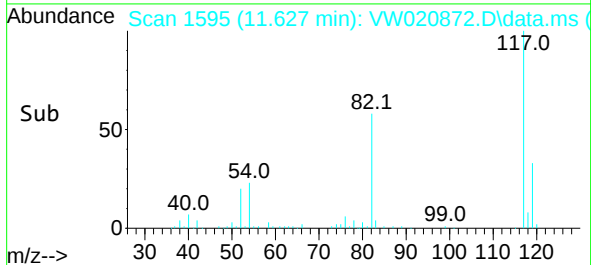
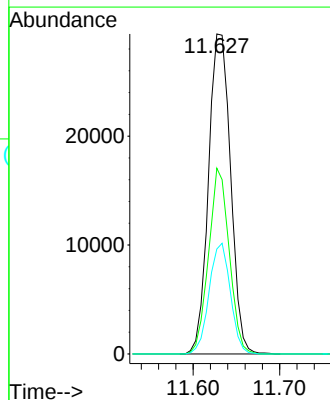
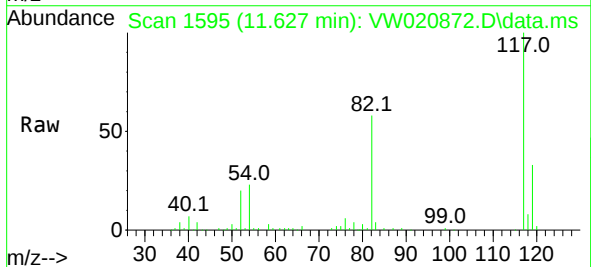
Instrument :
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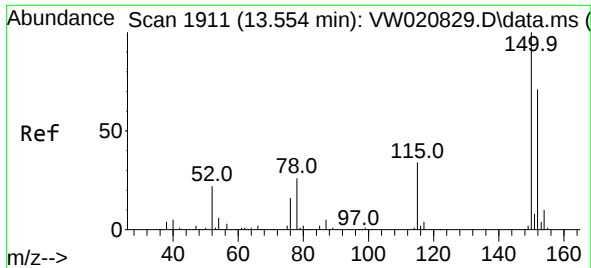
Tgt Ion:	95	Resp:	22573
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	166.4
176	87.6	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion:	117	Resp:	52080
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.6	68.4
119	32.8	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: VW020872.D
 Acq: 12 Nov 2021 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.6	88.9
150	159.3	0.0	352.6

