

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001137.D
 Acq On : 29 Jan 2018 23:18
 Operator : JC/SY
 Sample : J1286-03RE
 Misc : 5.15G/5.0ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

Quant Time: Jan 30 15:42:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

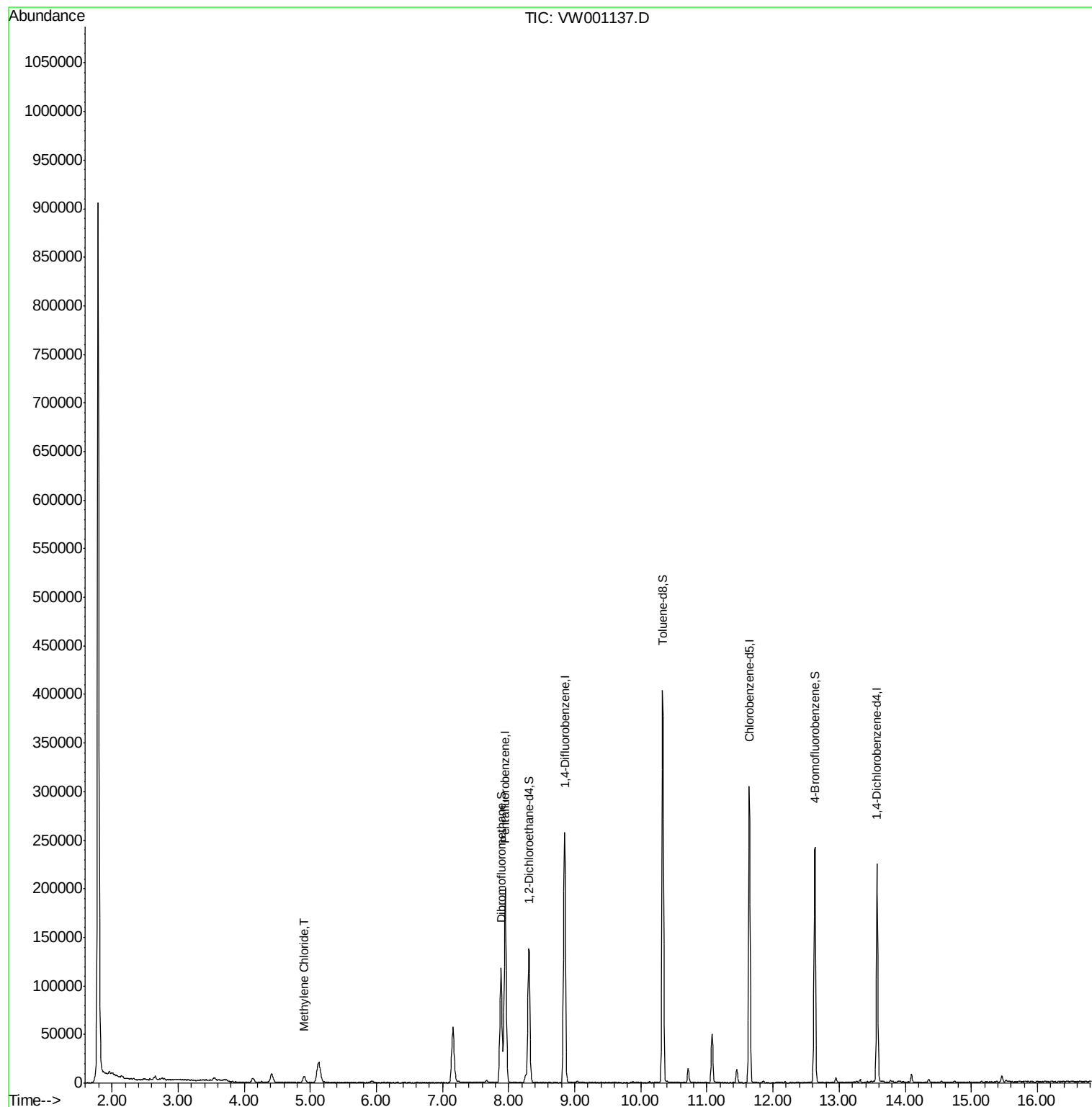
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	226681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	173106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114071	75.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.00%	
35) Dibromofluoromethane	7.88	113	81508	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	10.33	98	272048	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.63	95	72210	35.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.22%	
Target Compounds						
20) Methylene Chloride	4.90	84	4541	1.05	ug/l	Qvalue # 96

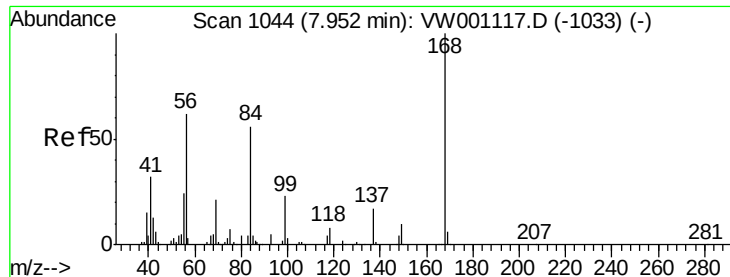
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001137.D

Acq: 29 Jan 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

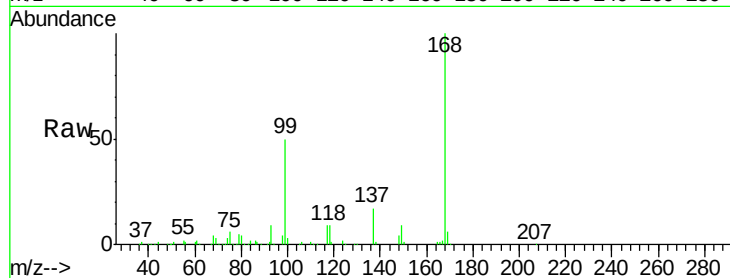
GL-WF-01-VO2RE

Tot Ion:168 Resp: 155405

Ion Ratio Lower Upper

168 100

99 50.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

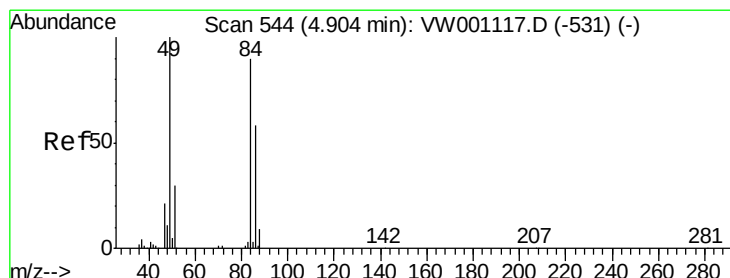
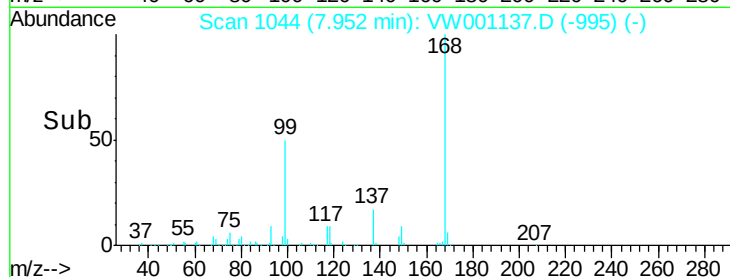
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 1.05 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW001137.D

Acq: 29 Jan 2018 23:18

Tgt Ion: 84 Resp: 4541

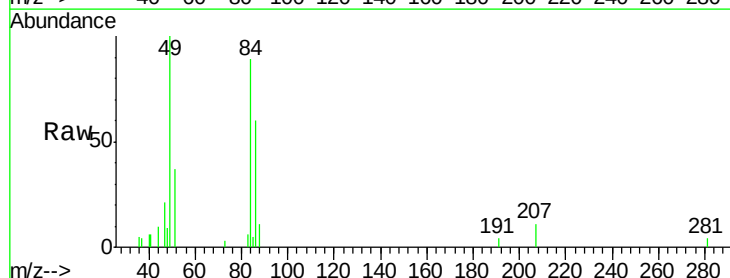
Ion Ratio Lower Upper

84 100

49 112.0 89.2 133.8

51 41.9 26.7 40.1#

86 67.0 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

2500

2000

1500

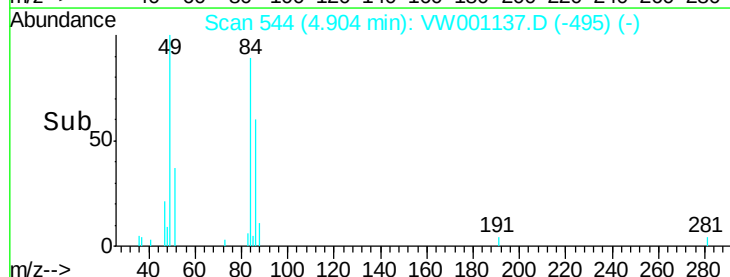
1000

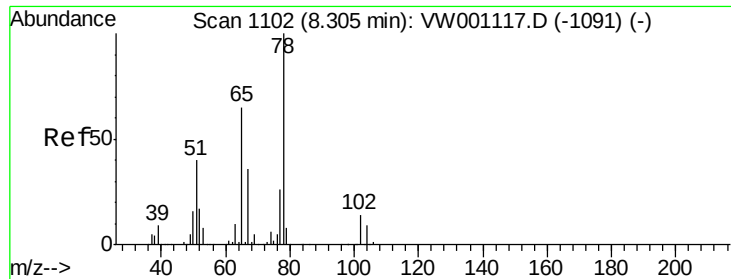
500

0

4.80 4.85 4.90 4.95 5.00

Time-->

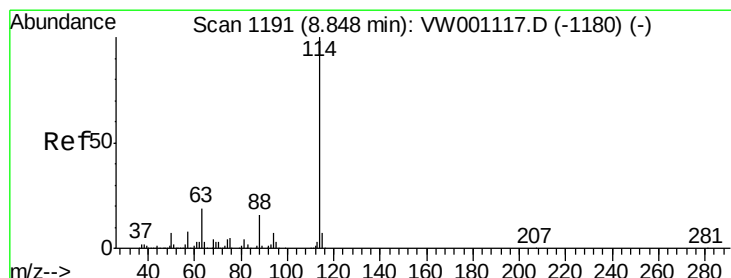
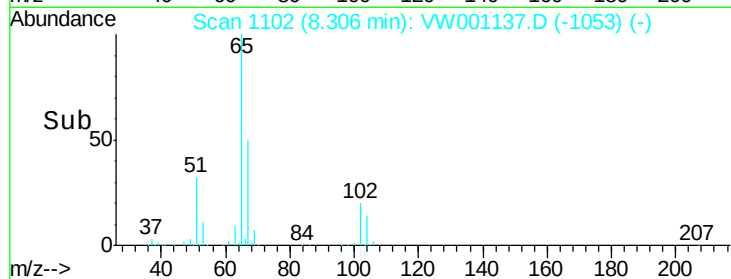
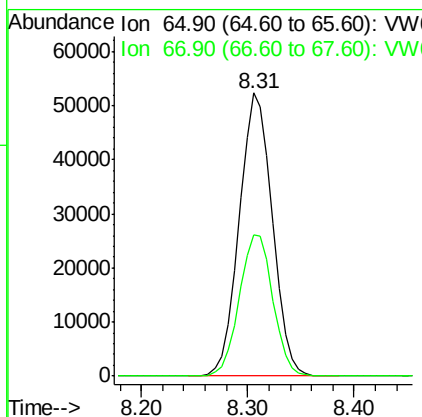
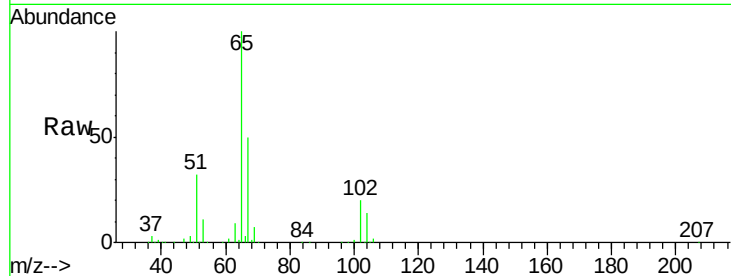




#33
 1,2-Dichloroethane-d4
 Concen: 75.50 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

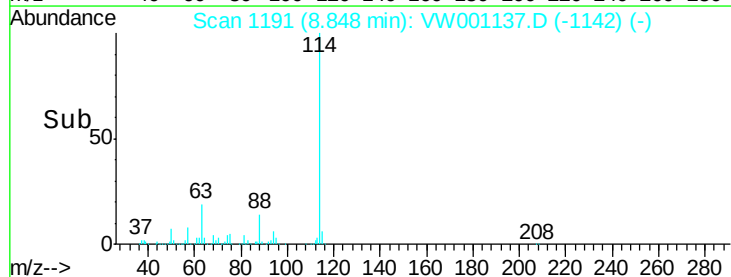
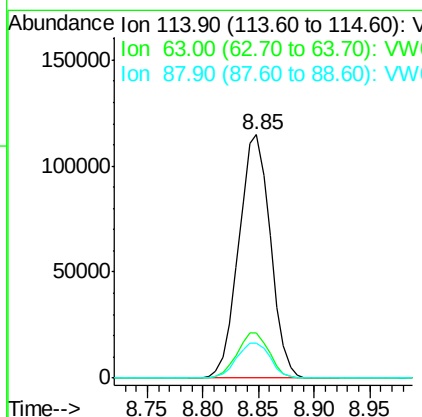
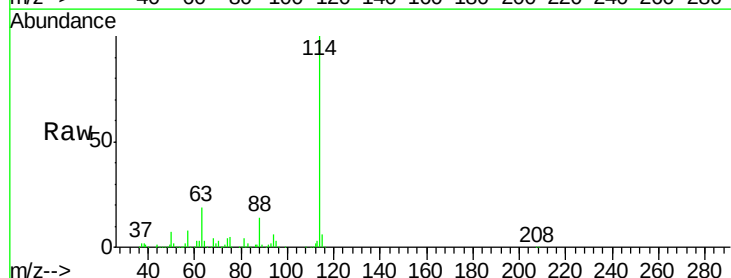
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

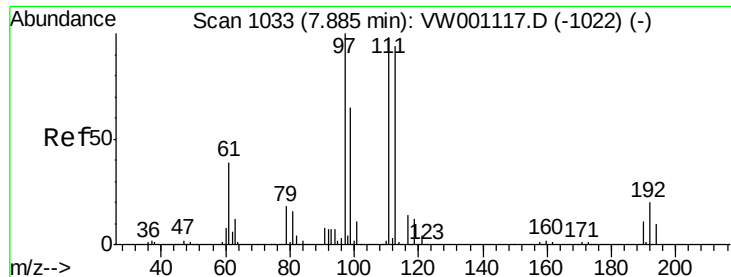
Tot Ion: 65 Resp: 114071
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 114 Resp: 226681
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.2
 88 14.4 0.0 31.0



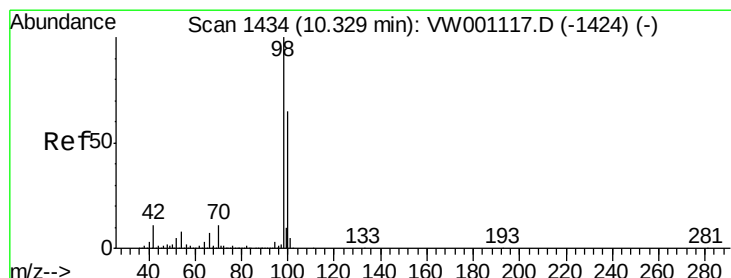
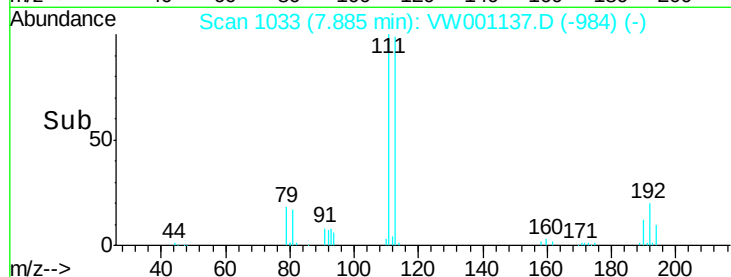
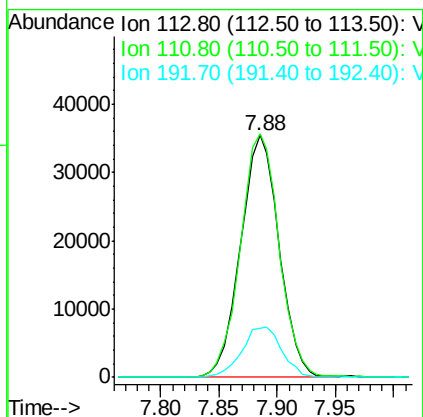
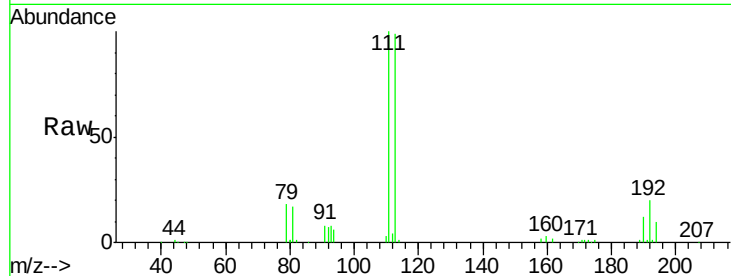


#35
Dibromofluoromethane
Concen: 56.21 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

Instrument :
MSVOA_W
ClientSampleId :
GL-WF-01-VO2RE

Tot Ion:113 Resp: 81508

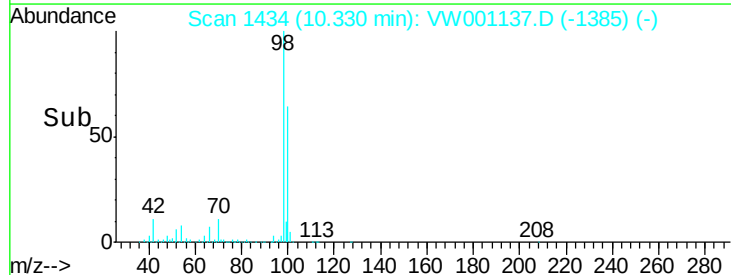
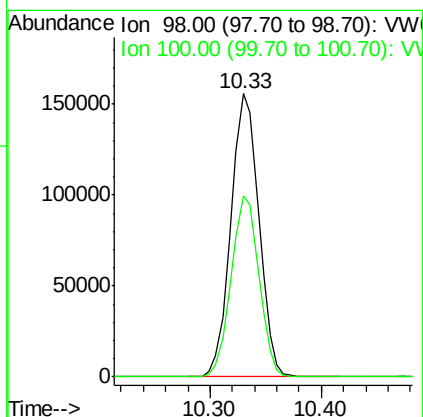
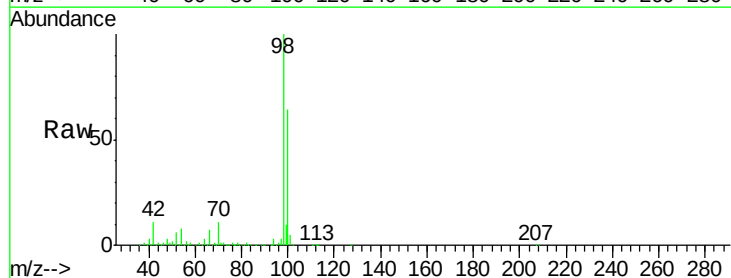
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.1	124.7
192	21.5	17.8	26.6

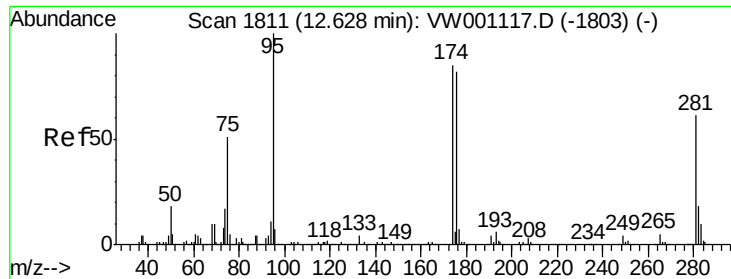


#50
Toluene-d8
Concen: 48.75 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

Tgt Ion: 98 Resp: 272048

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.3	76.9

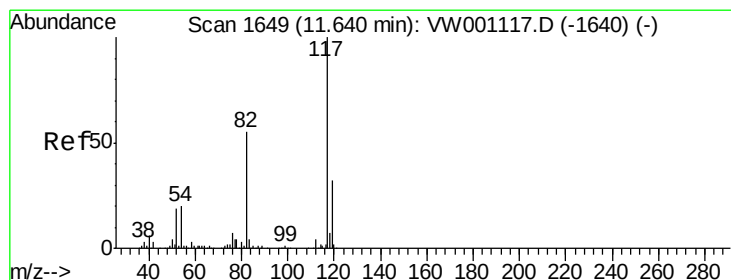
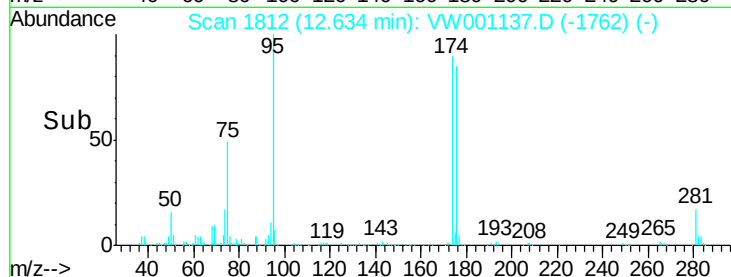
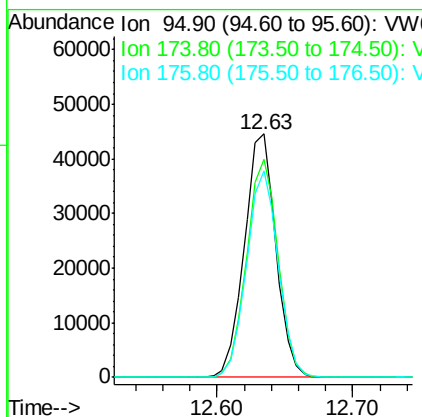
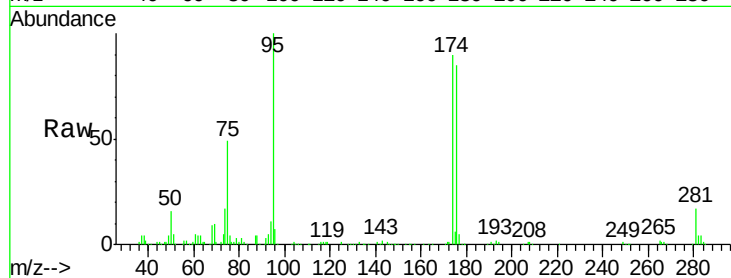




#62
4-Bromofluorobenzene
Concen: 35.11 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

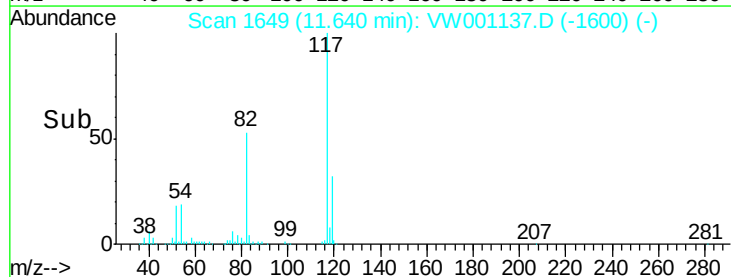
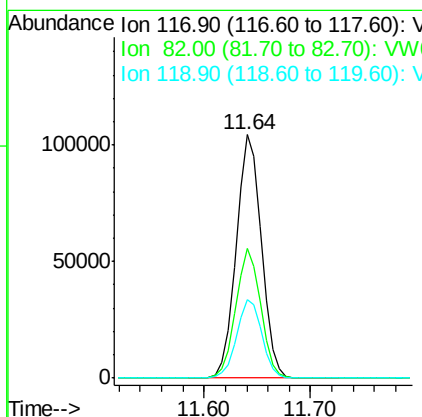
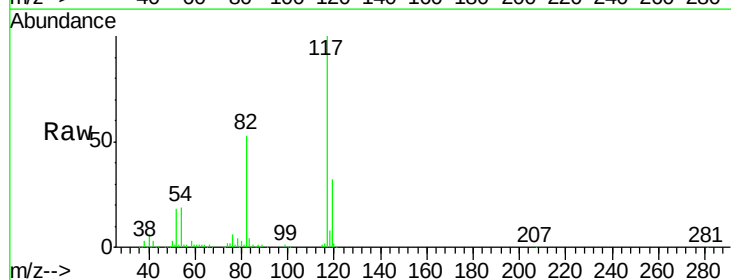
Instrument :
MSVOA_W
ClientSampleId :
GL-WF-01-VO2RE

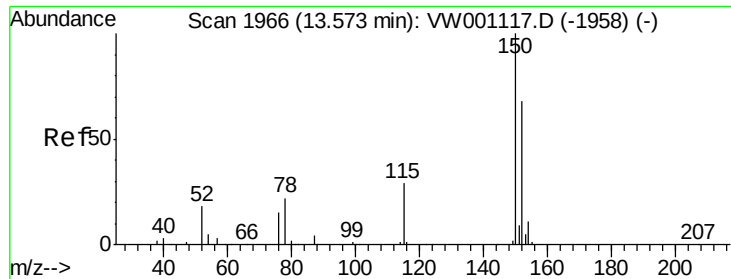
Tot Ion: 95 Resp: 72210
Ion Ratio Lower Upper
95 100
174 90.3 0.0 179.6
176 85.4 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

Tgt Ion: 117 Resp: 173106
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW001137.D

Acq: 29 Jan 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

GL-WF-01-VO2RE

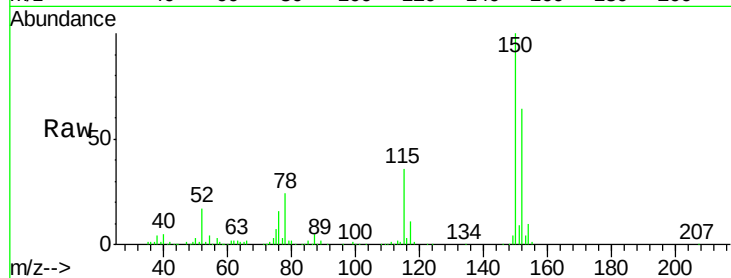
Tot Ion:152 Resp: 60564

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.3

150 157.8 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

