

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003784.D
 Acq On : 09 Jul 2018 18:10
 Operator : SY/AP
 Sample : J3891-01
 Misc : 4.15G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 212-72-11940-R4-VNJ-242

Quant Time: Jul 09 18:39:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

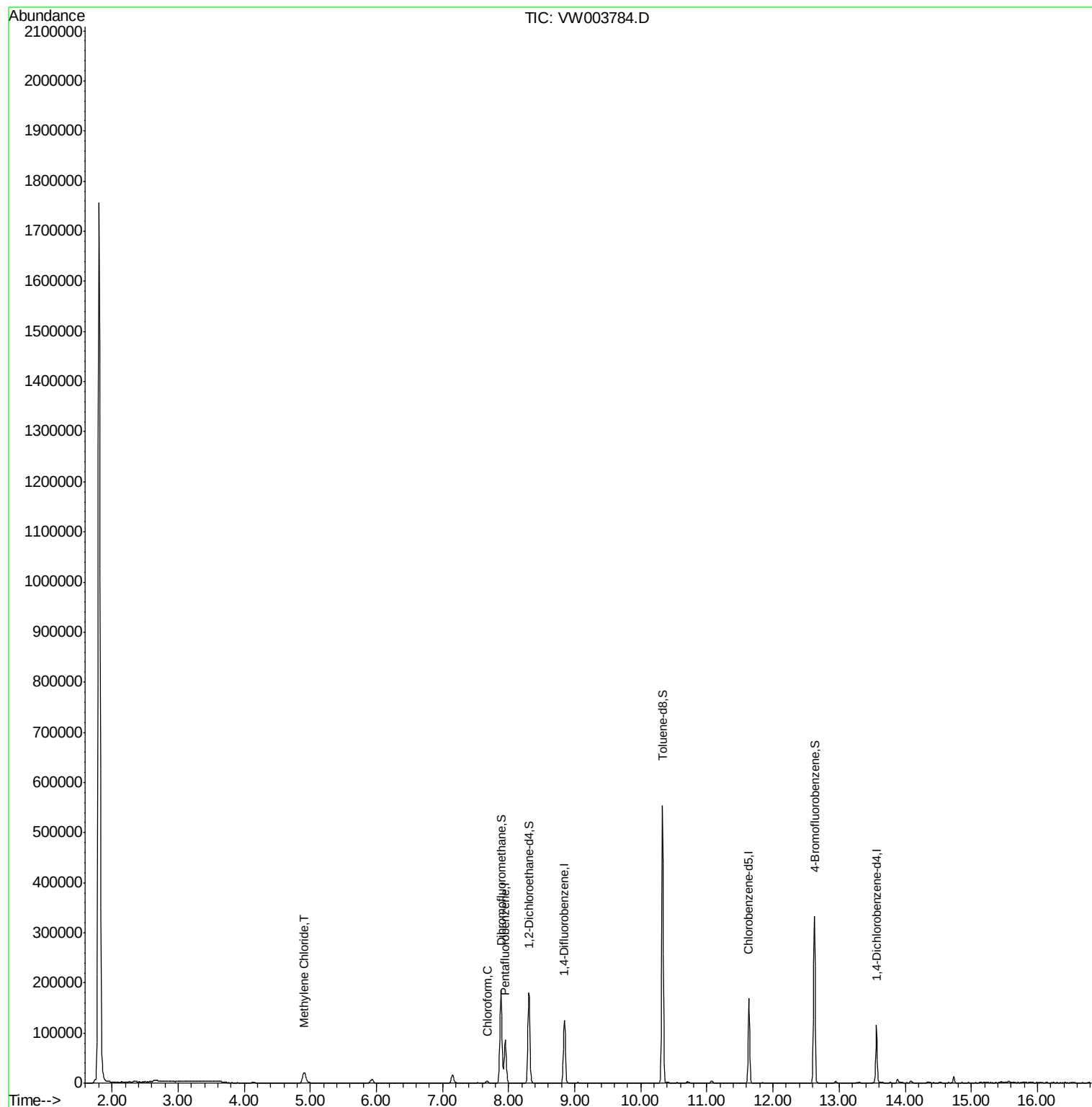
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	61998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	98550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	88317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	28434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145368	179.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	358.60%	
35) Dibromofluoromethane	7.88	113	126005	182.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	365.38%	
50) Toluene-d8	10.33	98	360182	136.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	273.04%	
62) 4-Bromofluorobenzene	12.62	95	101910	106.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	213.50%	
Target Compounds						
20) Methylene Chloride	4.91	84	18094	24.126	ug/l	96
30) Chloroform	7.68	83	4018	2.926	ug/l	86

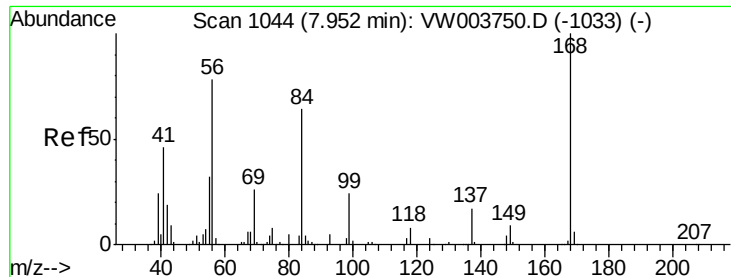
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003784.D

Acq: 09 Jul 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

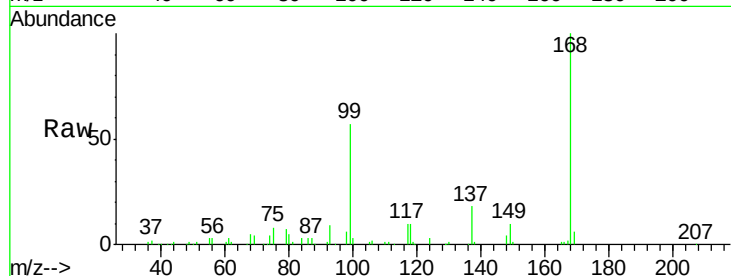
212-72-11940-R4-VNJ-242

Tot Ion:168 Resp: 61998

Ion Ratio Lower Upper

168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

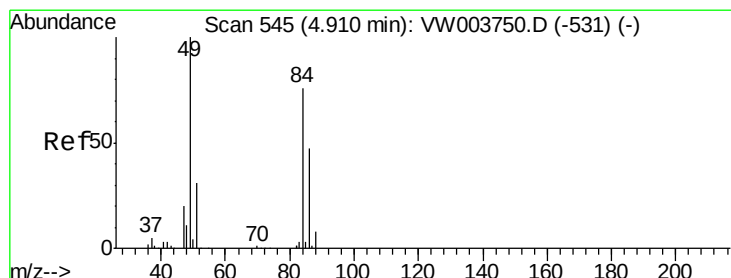
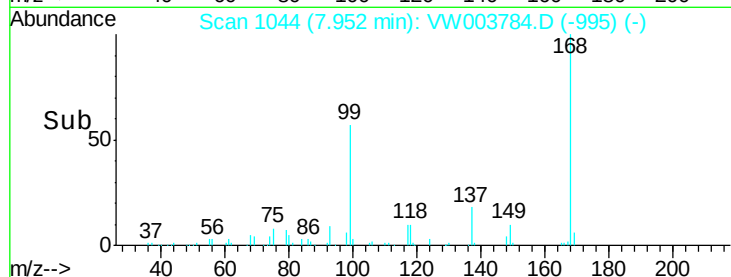
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 24.126 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003784.D

Acq: 09 Jul 2018 18:10

Tgt Ion: 84 Resp: 18094

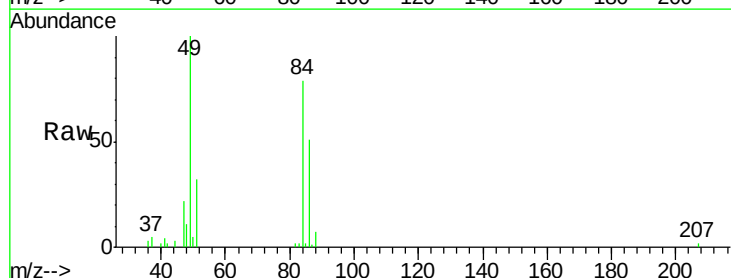
Ion Ratio Lower Upper

84 100

49 124.9 105.1 157.7

51 40.3 32.5 48.7

86 64.3 49.8 74.6



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

4.91

10000

8000

6000

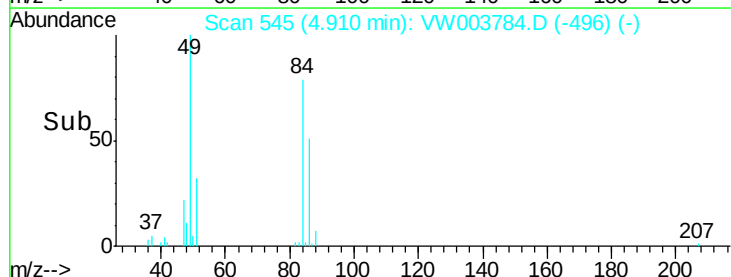
4000

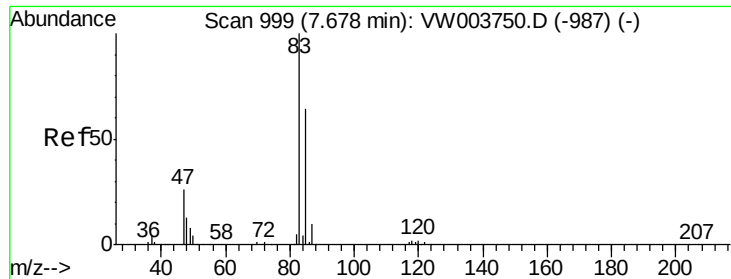
2000

0

4.80 4.90 5.00

Time-->

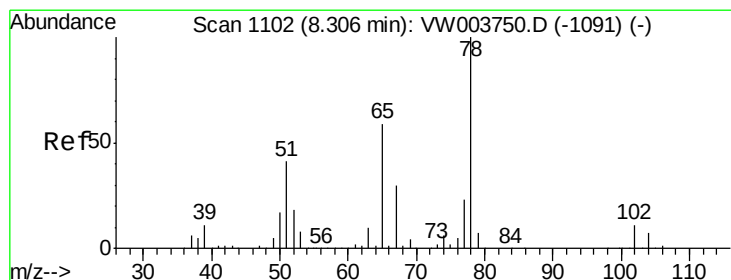
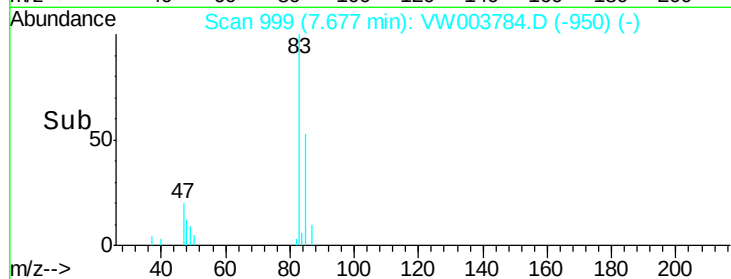
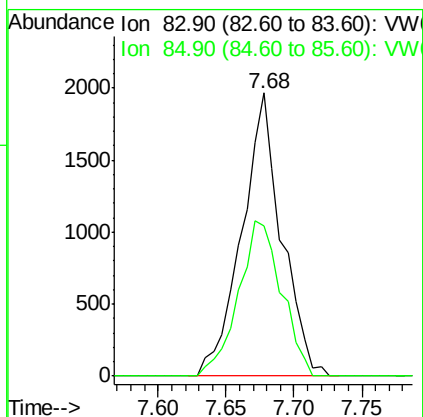
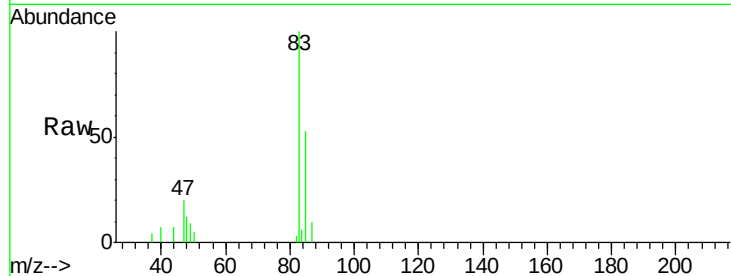




#30
Chloroform
Concen: 2.926 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003784.D
Acq: 09 Jul 2018 18:10

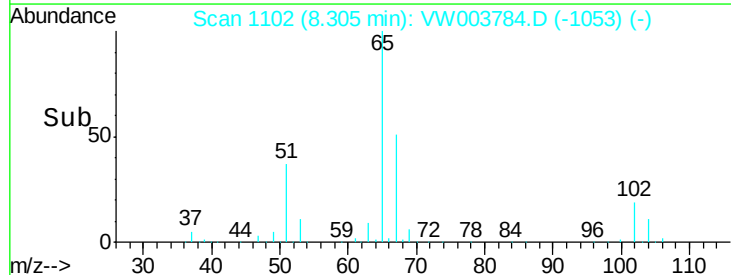
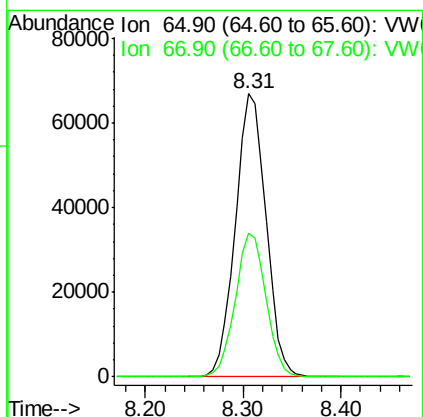
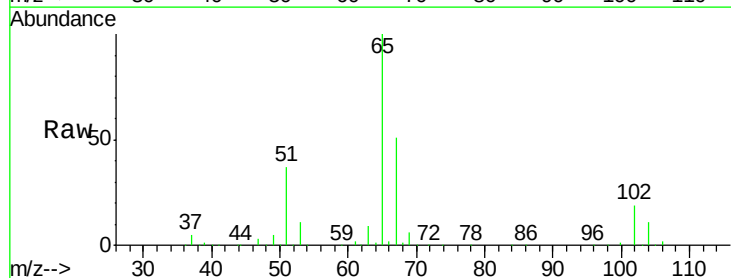
Instrument :
MSVOA_W
ClientSampleId :
212-72-11940-R4-VNJ-242

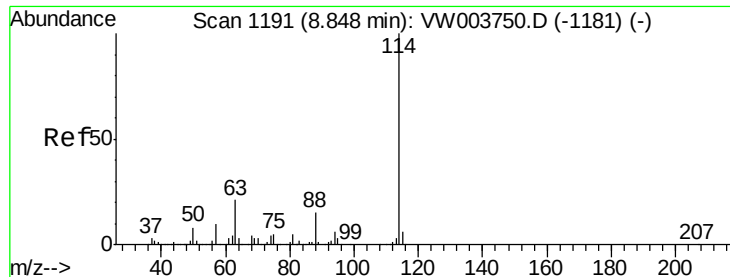
Tot Ion: 83 Resp: 4018
Ion Ratio Lower Upper
83 100
85 53.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 179.298 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003784.D
Acq: 09 Jul 2018 18:10

Tgt Ion: 65 Resp: 145368
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.8

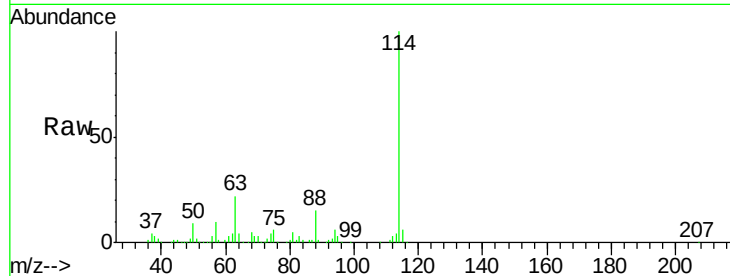




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003784.D
 Acq: 09 Jul 2018 18:10

Instrument :
 MSVOA_W
 ClientSampleId :
 212-72-11940-R4-VNJ-242

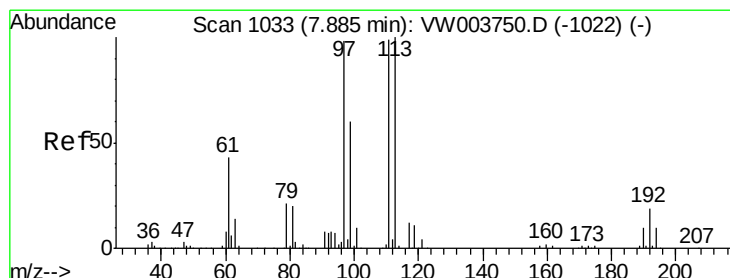
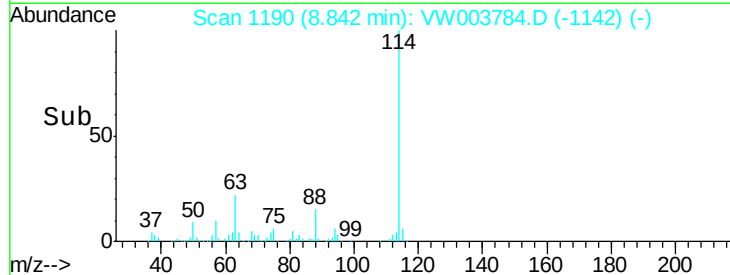
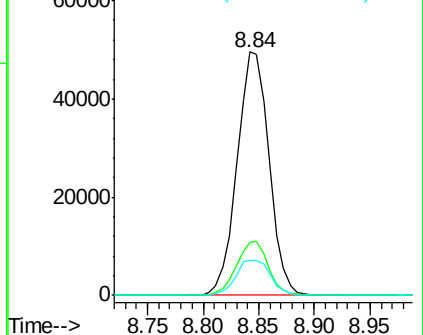
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	14.5	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

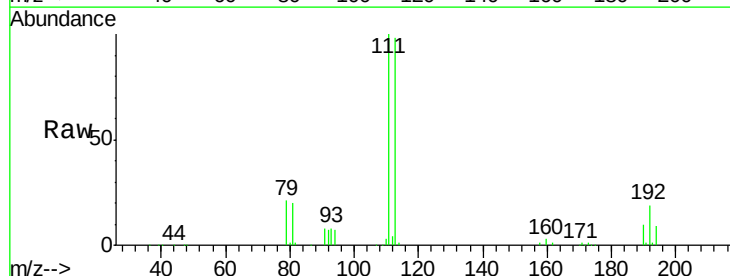
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 182.686 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003784.D
 Acq: 09 Jul 2018 18:10

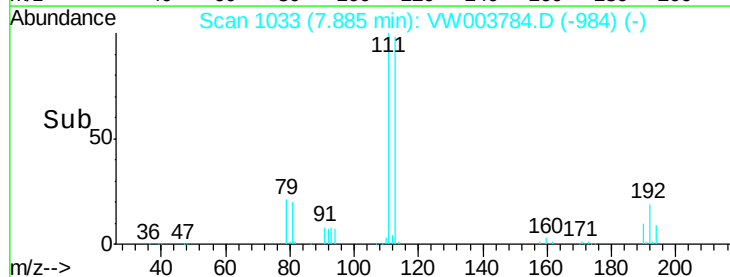
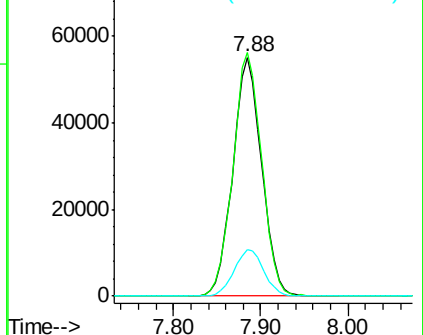
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	20.0	15.8	23.8

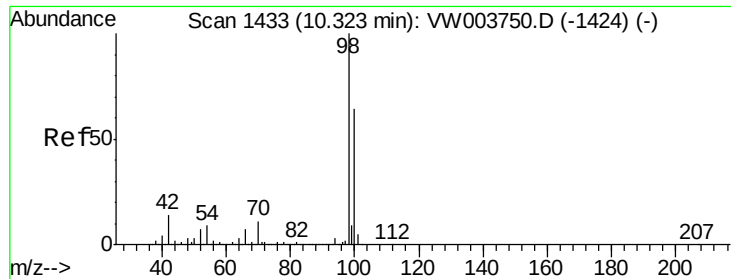


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 136.515 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003784.D

Acq: 09 Jul 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

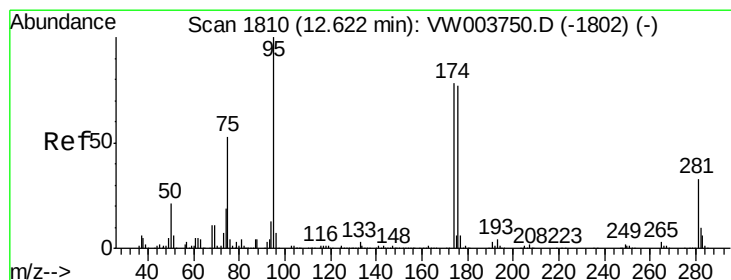
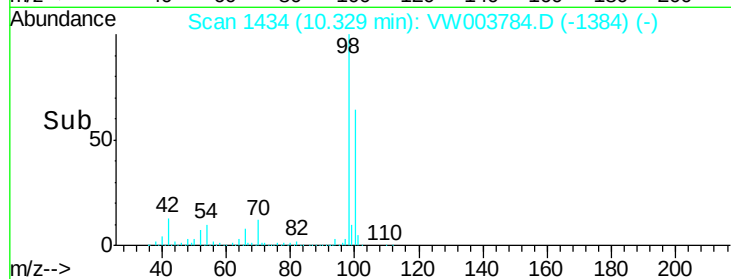
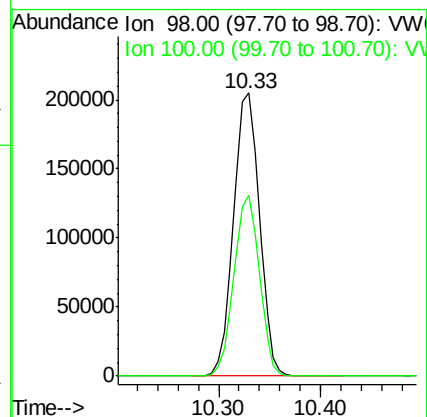
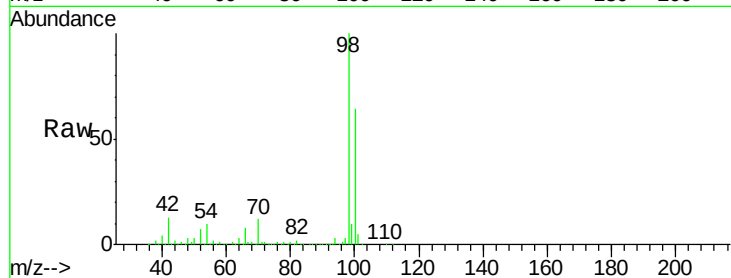
212-72-11940-R4-VNJ-242

Tot Ion: 98 Resp: 360182

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 106.755 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003784.D

Acq: 09 Jul 2018 18:10

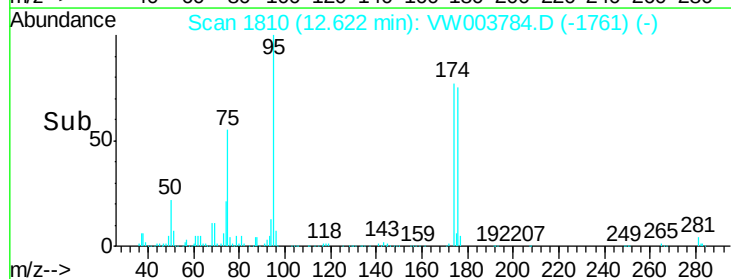
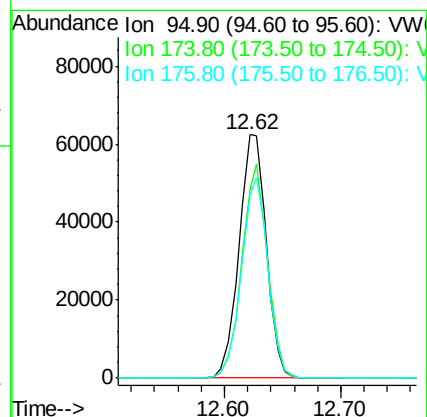
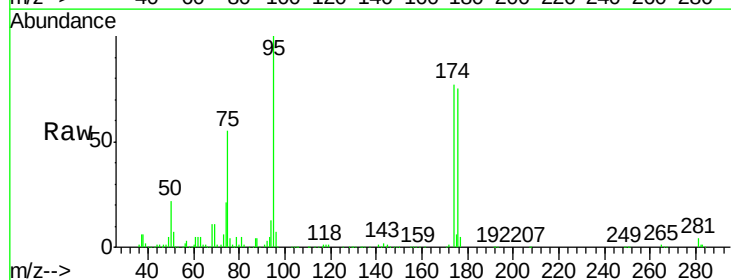
Tgt Ion: 95 Resp: 101910

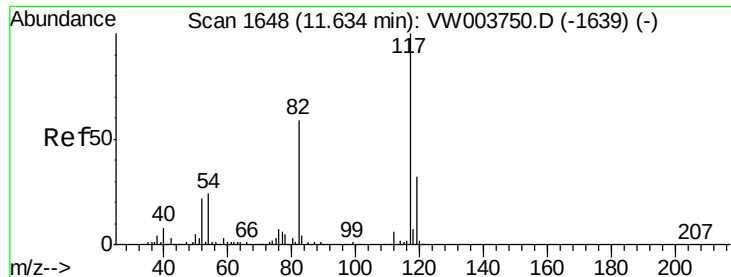
Ion Ratio Lower Upper

95 100

174 82.8 0.0 163.4

176 79.3 0.0 156.8

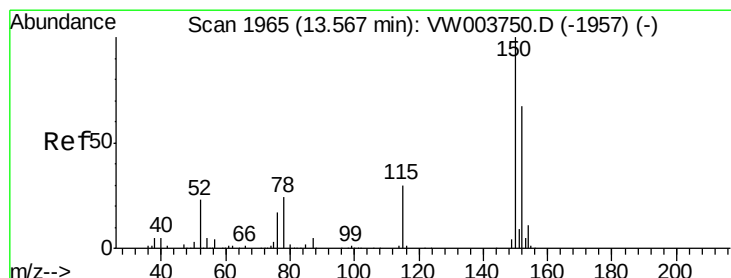
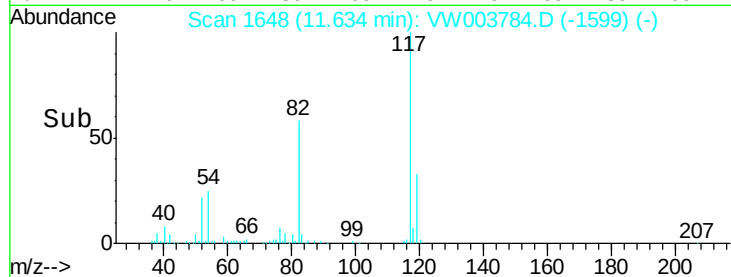
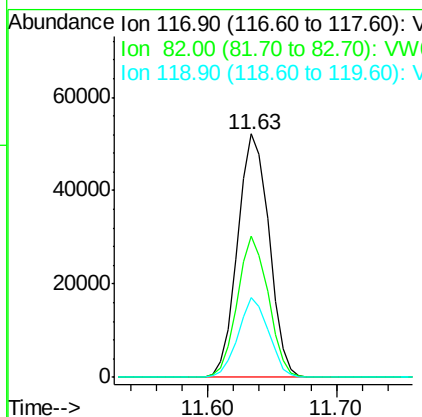
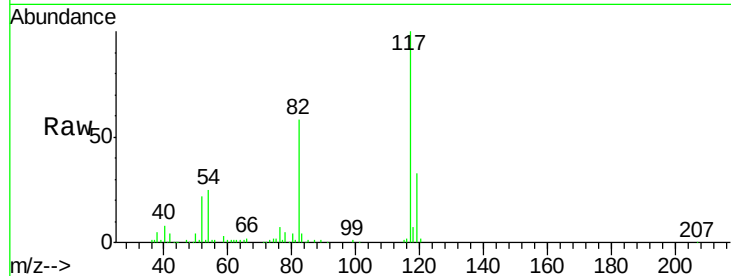




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003784.D
Acq: 09 Jul 2018 18:10

Instrument :
MSVOA_W
ClientSampleId :
212-72-11940-R4-VNJ-242

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.9	70.3
119	33.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003784.D
Acq: 09 Jul 2018 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.8
150	155.3	0.0	342.4

