

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003890.D
 Acq On : 12 Jul 2018 03:01
 Operator : SY/AP
 Sample : J3924-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-4

Quant Time: Jul 12 04:11:53 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

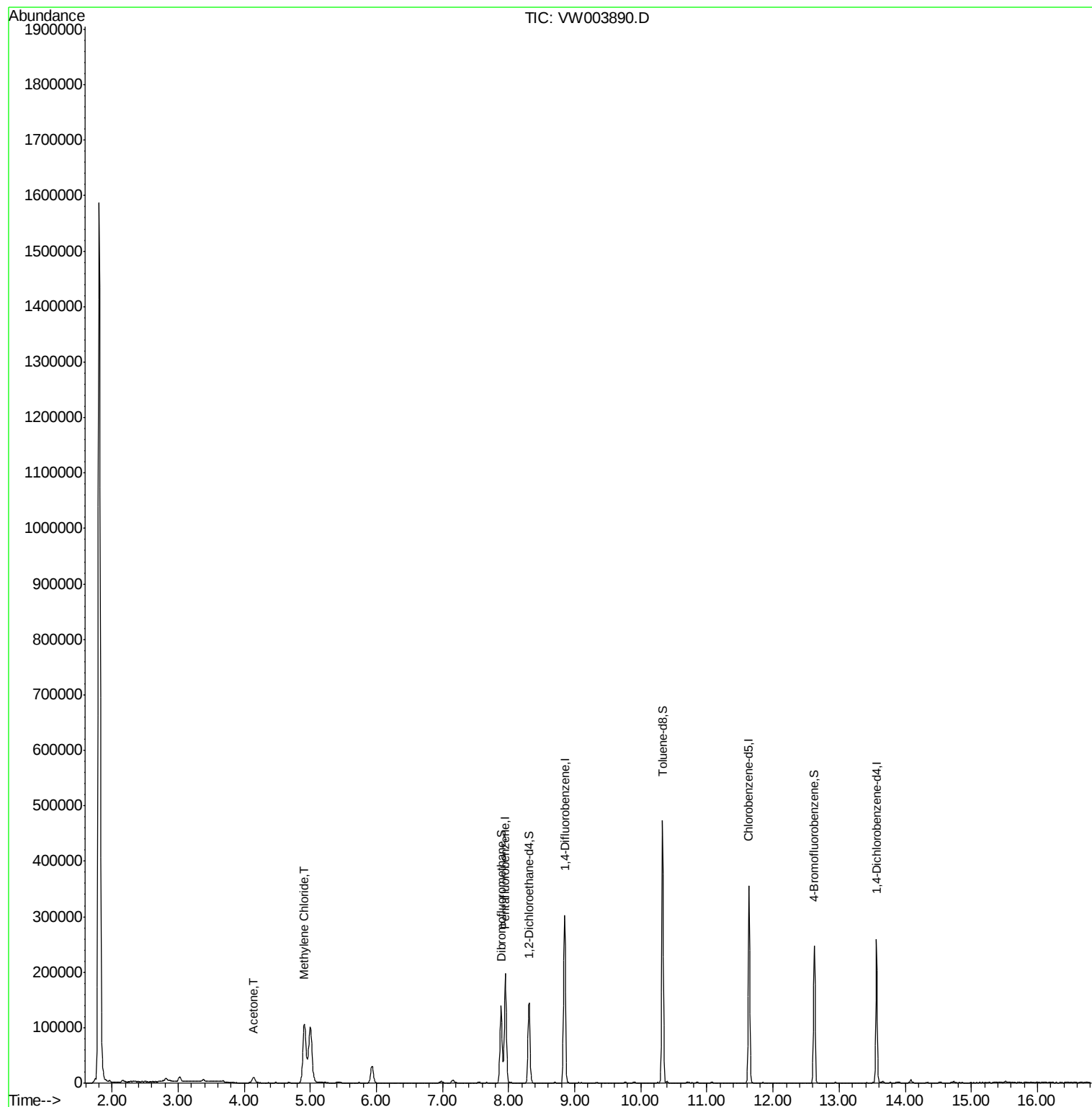
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	138976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	239027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117134	64.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.90%	
35) Dibromofluoromethane	7.88	113	97008	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.98%	
50) Toluene-d8	10.33	98	301609	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	76829	33.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.36%	
Target Compounds						
16) Acetone	4.14	43	19571	62.068	ug/l	98
20) Methylene Chloride	4.92	84	89429	58.984	ug/l	97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003890.D

Acq: 12 Jul 2018 03:01

Instrument :

MSVOA_W

ClientSampled :

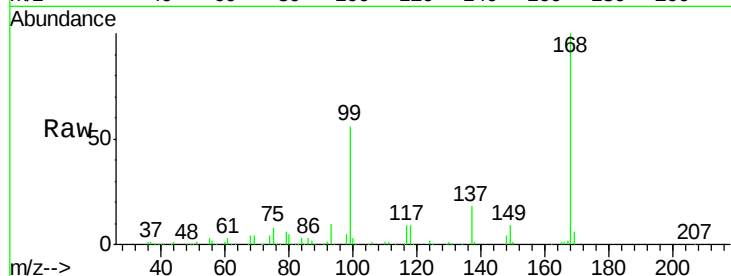
RO-1-4

Tot Ion:168 Resp: 138976

Ion Ratio Lower Upper

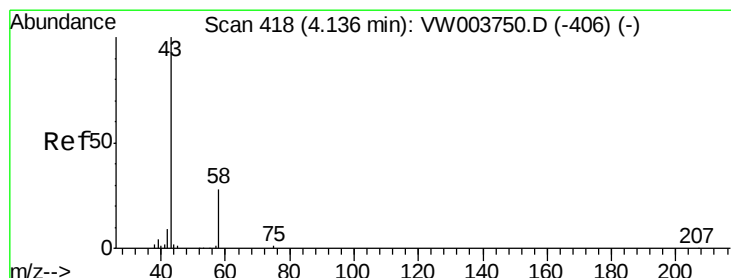
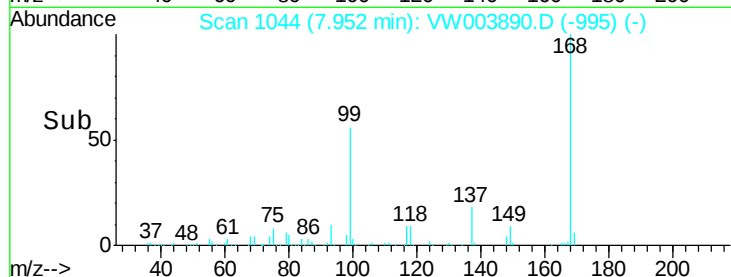
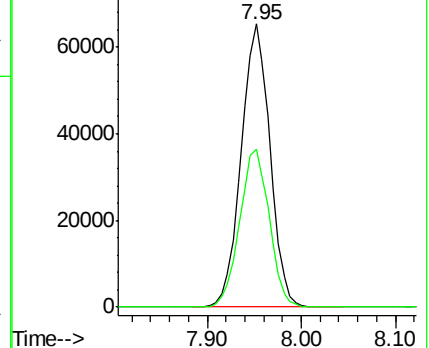
168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 62.068 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003890.D

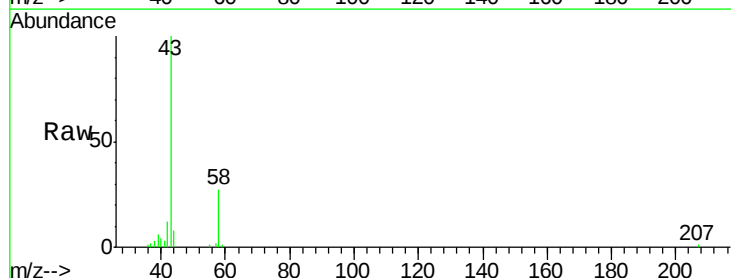
Acq: 12 Jul 2018 03:01

Tgt Ion: 43 Resp: 19571

Ion Ratio Lower Upper

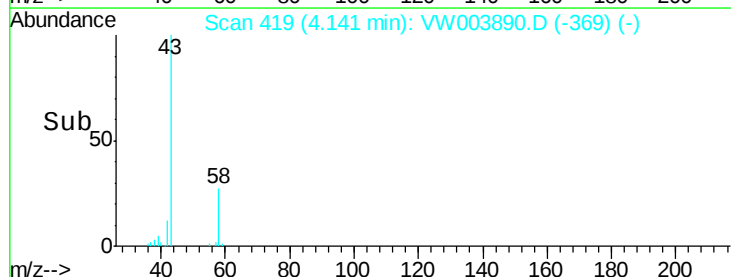
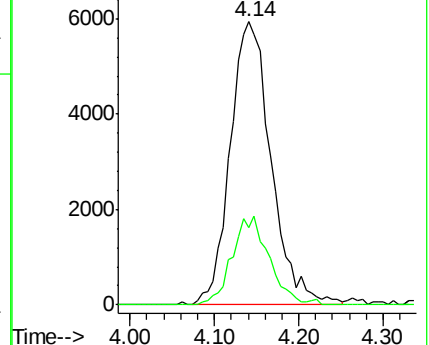
43 100

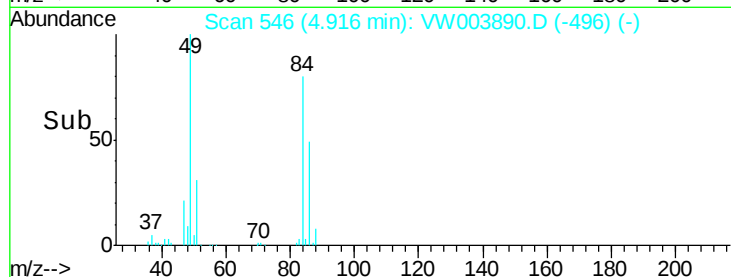
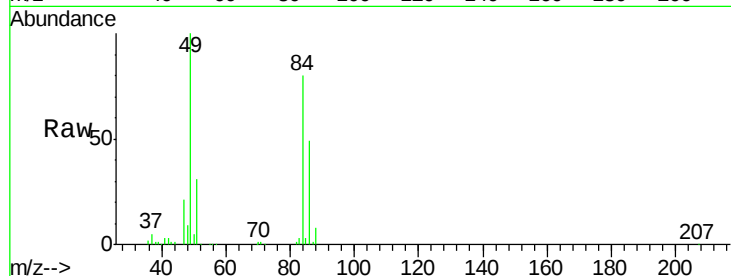
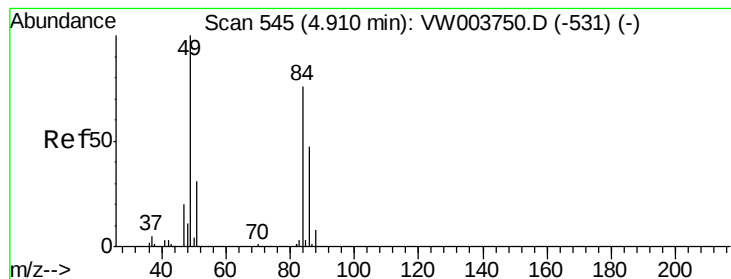
58 27.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 58.984 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003890.D

Acq: 12 Jul 2018 03:01

Instrument :

MSVOA_W

ClientSampled :

RO-1-4

Tot Ion: 84 Resp: 89429

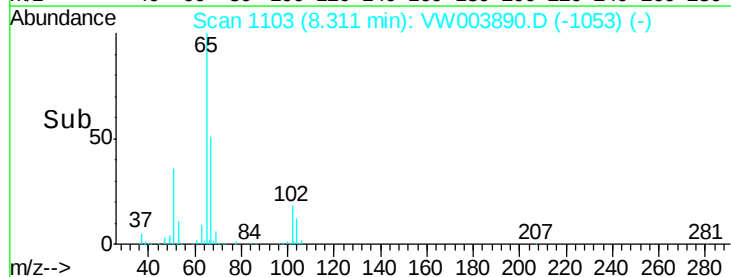
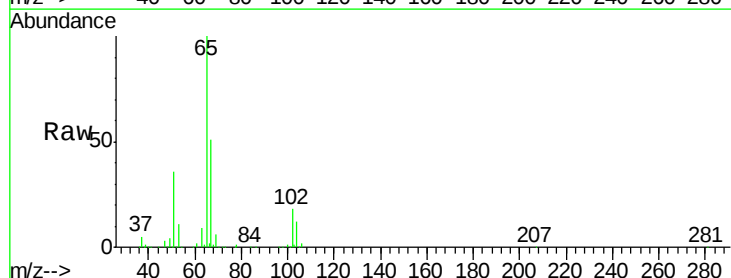
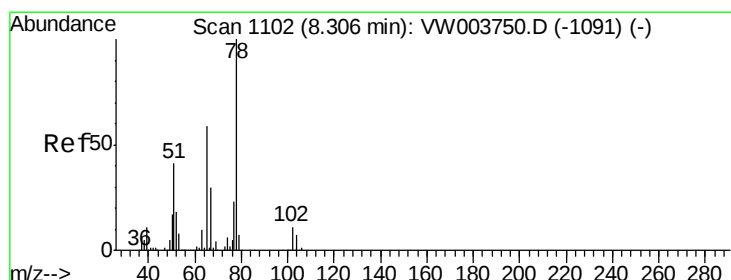
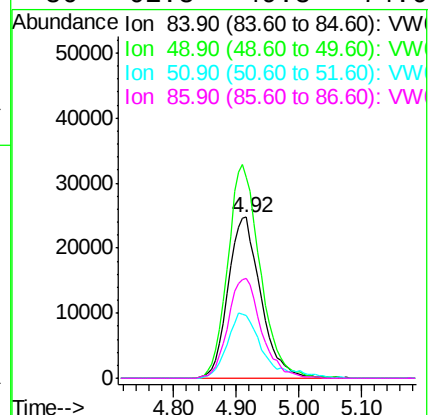
Ion Ratio Lower Upper

84 100

49 125.3 105.1 157.7

51 39.1 32.5 48.7

86 61.8 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 64.451 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003890.D

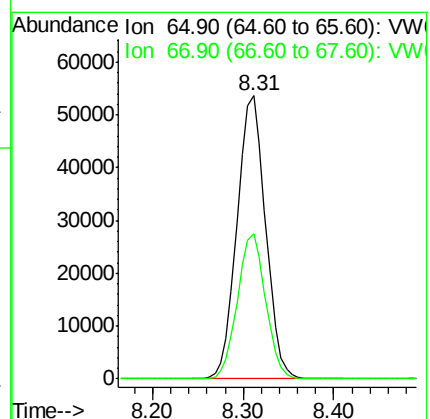
Acq: 12 Jul 2018 03:01

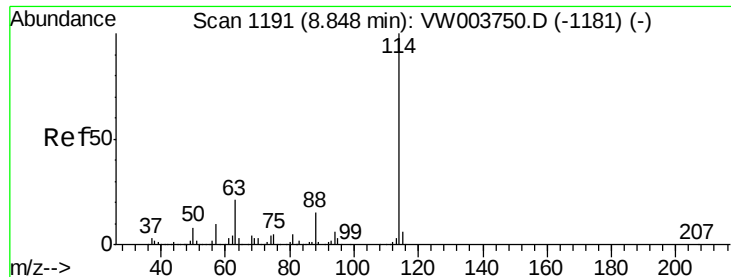
Tgt Ion: 65 Resp: 117134

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.8

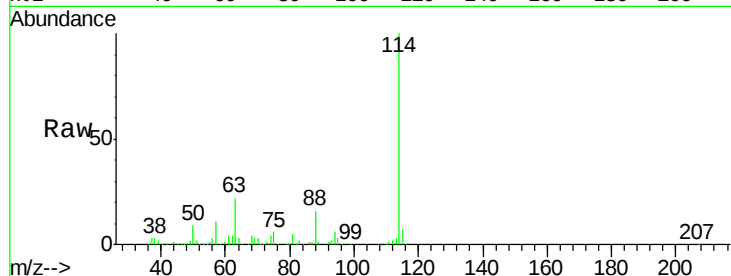




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003890.D
 Acq: 12 Jul 2018 03:01

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-4

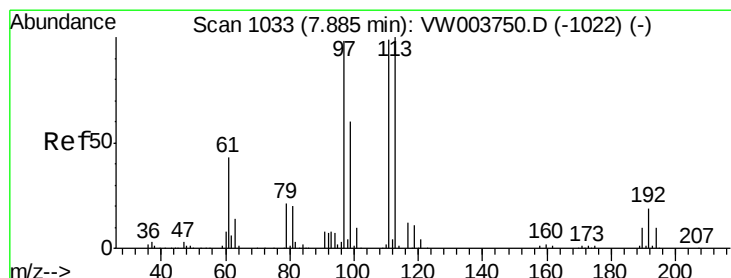
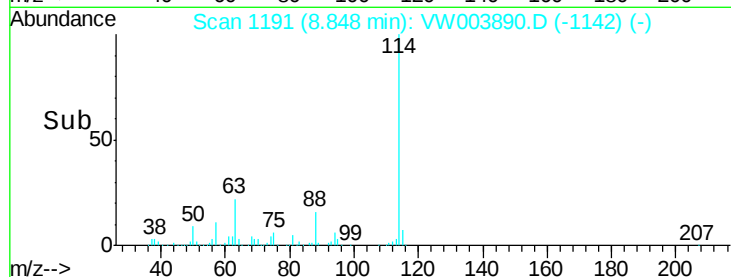
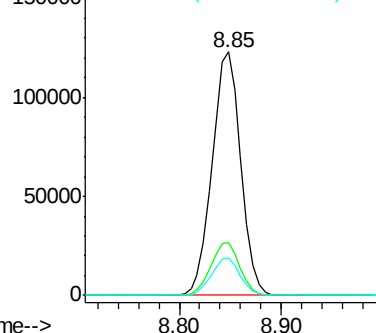
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	15.6	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

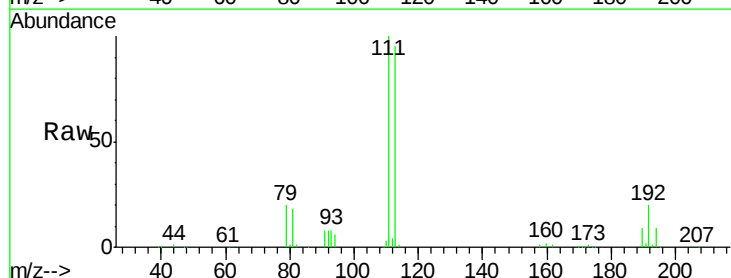
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 57.987 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003890.D
 Acq: 12 Jul 2018 03:01

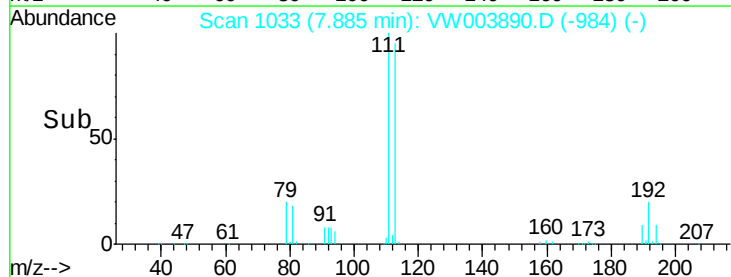
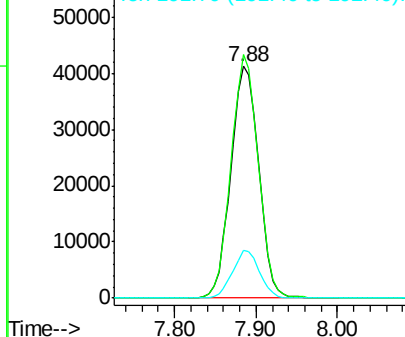
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.7	122.5
192	19.9	15.8	23.8

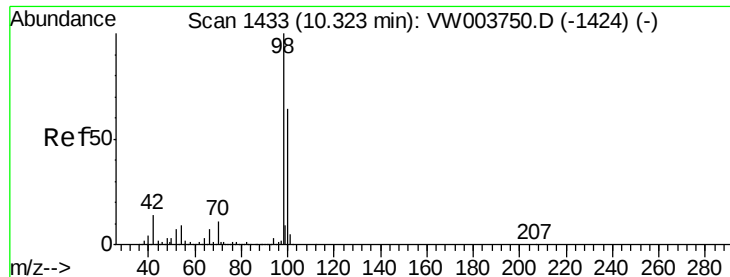


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

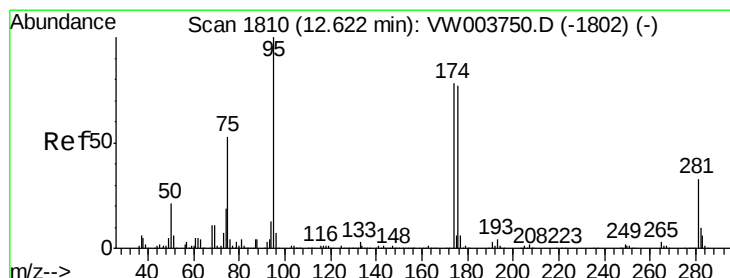
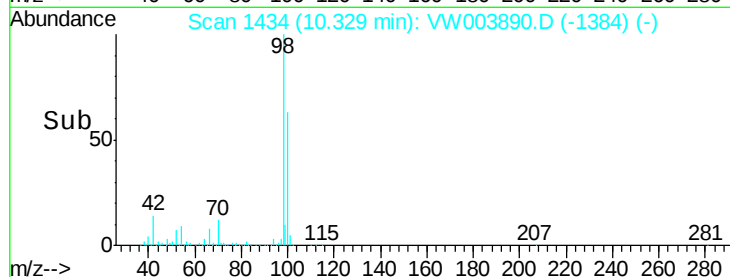
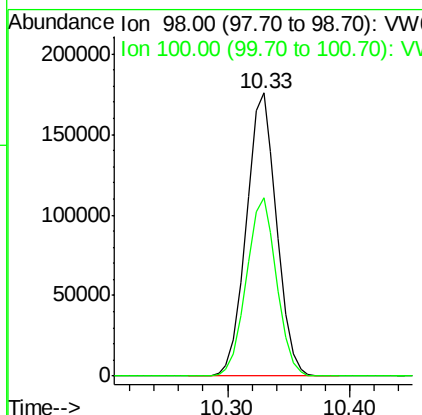
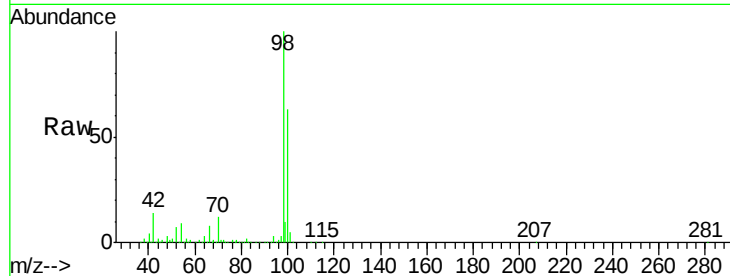




#50
Toluene-d8
Concen: 47.132 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003890.D
Acq: 12 Jul 2018 03:01

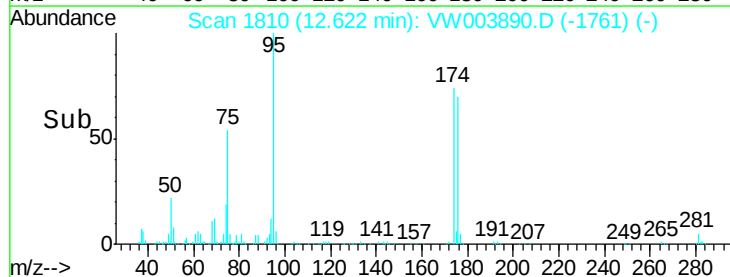
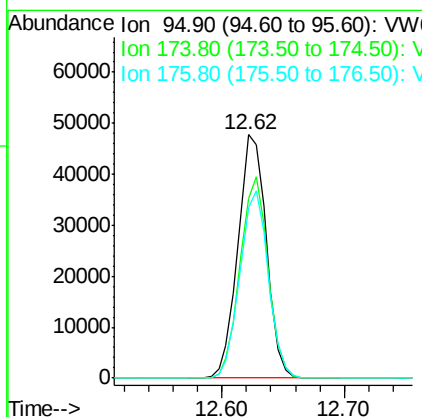
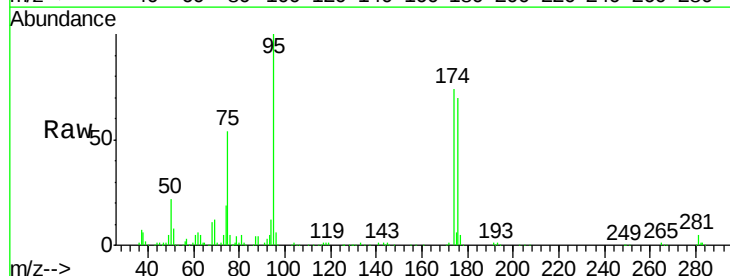
Instrument :
MSVOA_W
ClientSampleId :
RO-1-4

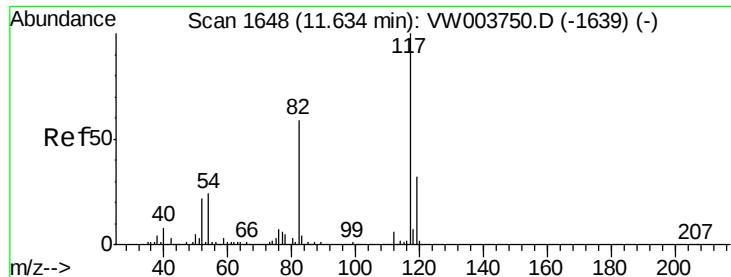
Tot Ion: 98 Resp: 301609
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 33.182 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003890.D
Acq: 12 Jul 2018 03:01

Tgt Ion: 95 Resp: 76829
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.4
176 76.9 0.0 156.8

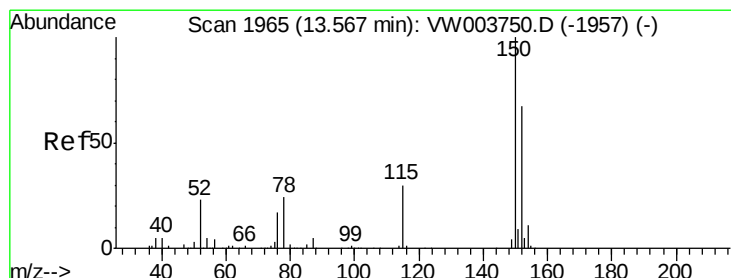
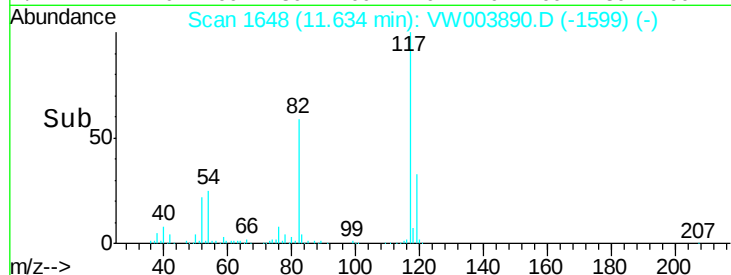
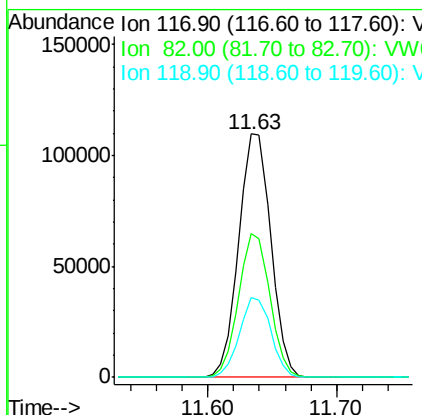
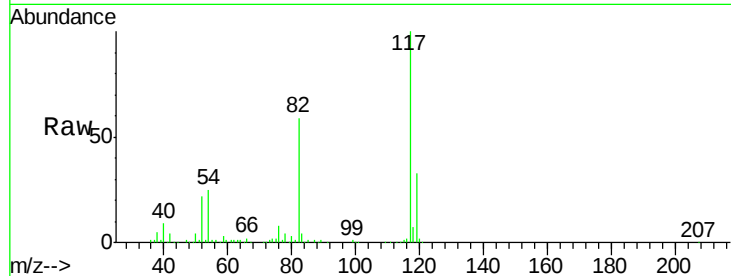




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003890.D
Acq: 12 Jul 2018 03:01

Instrument :
MSVOA_W
ClientSampled :
RO-1-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.9	70.3
119	32.7	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: VW003890.D
Acq: 12 Jul 2018 03:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.8
150	156.9	0.0	342.4

