

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003640.D
 Acq On : 28 Jun 2018 15:58
 Operator : SY/AP
 Sample : J3709-05RE
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS005-01RE

Quant Time: Jun 29 07:36:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	90528	82.69	ug/l	0.00
Spiked Amount			Recovery	=	165.38%	
35) Dibromofluoromethane	7.88	113	74553	71.65	ug/l	0.00
Spiked Amount			Recovery	=	143.30%	
50) Toluene-d8	10.33	98	214048	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.63	95	53185	36.42	ug/l	0.00
Spiked Amount			Recovery	=	72.84%	

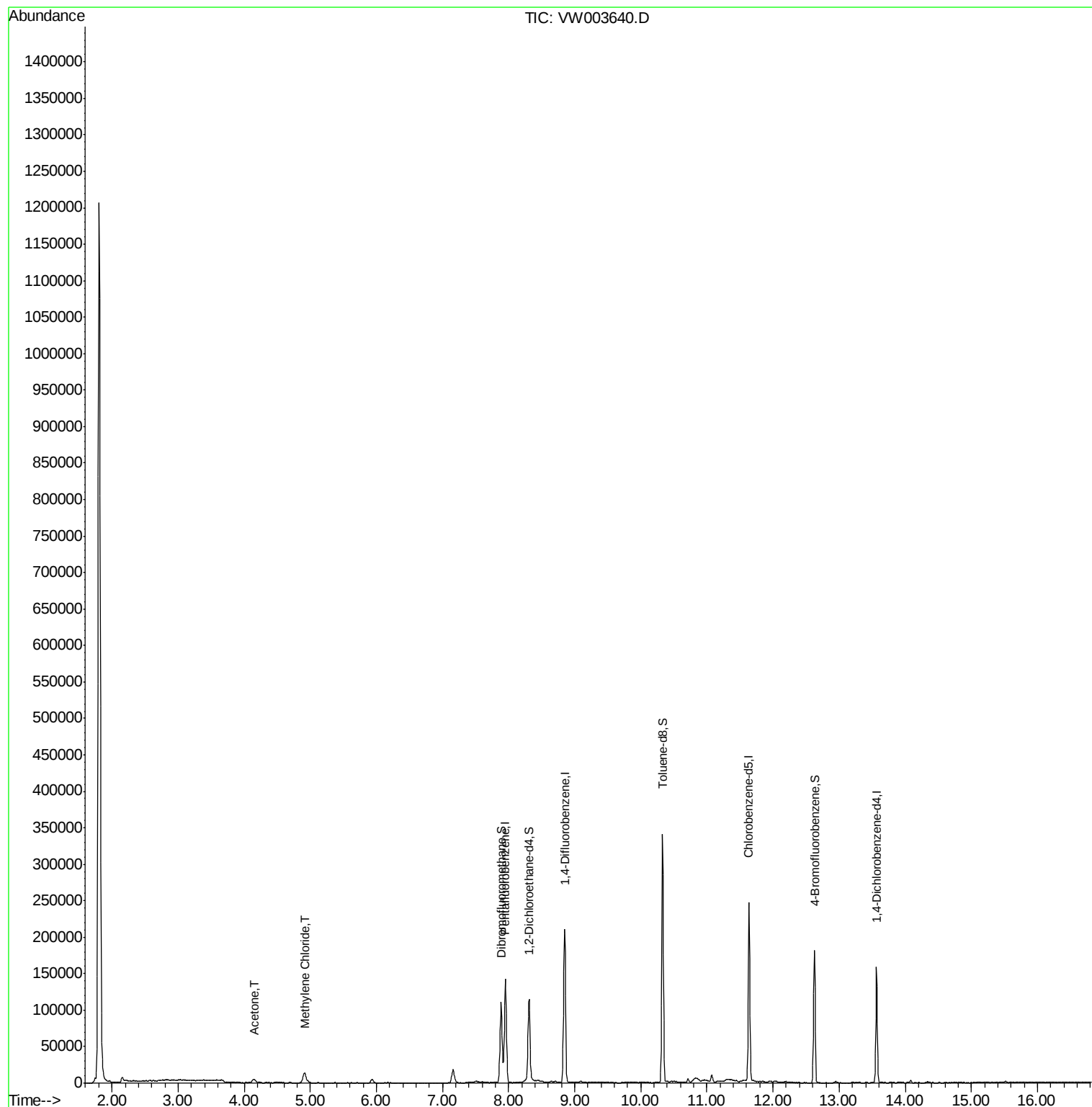
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	9655	42.05	ug/l	# 86
20) Methylene Chloride	4.91	84	11216	8.45	ug/l	90

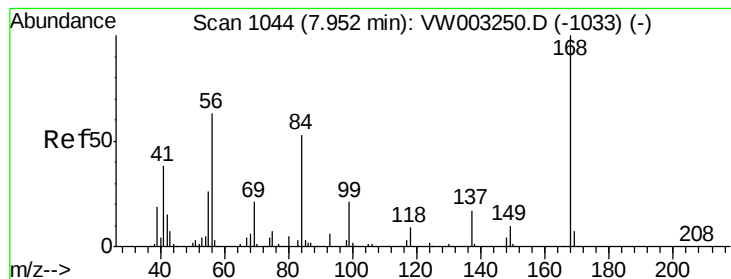
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

Instrument :

MSVOA_W

ClientSampleId :

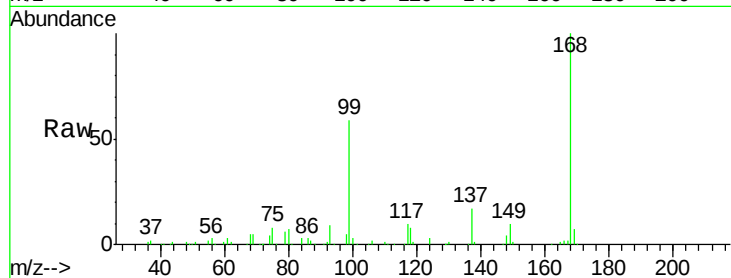
EME-FW-TS005-01RE

Tot Ion:168 Resp: 101078

Ion Ratio Lower Upper

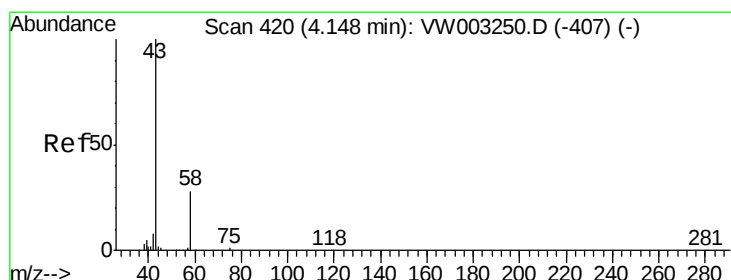
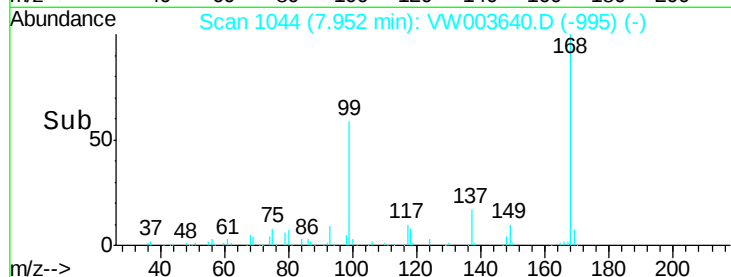
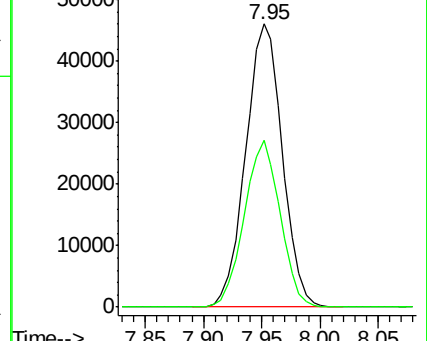
168 100

99 58.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 42.05 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003640.D

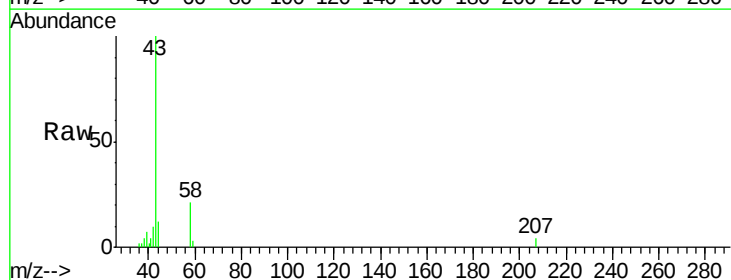
Acq: 28 Jun 2018 15:58

Tgt Ion: 43 Resp: 9655

Ion Ratio Lower Upper

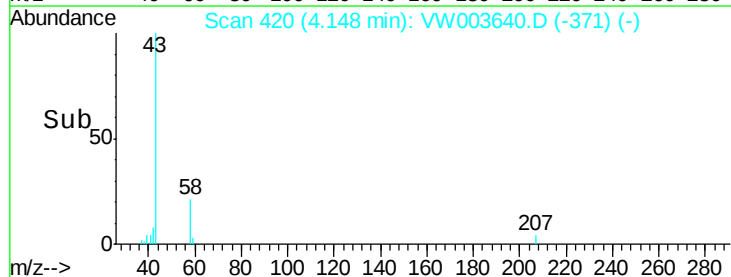
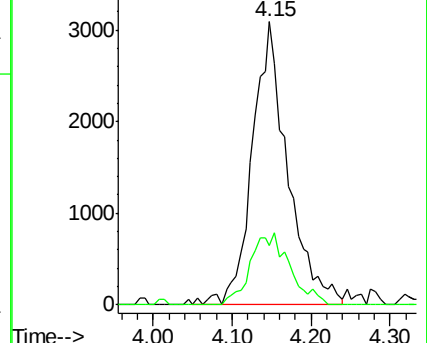
43 100

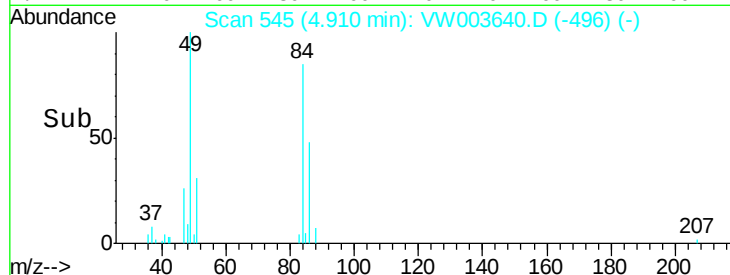
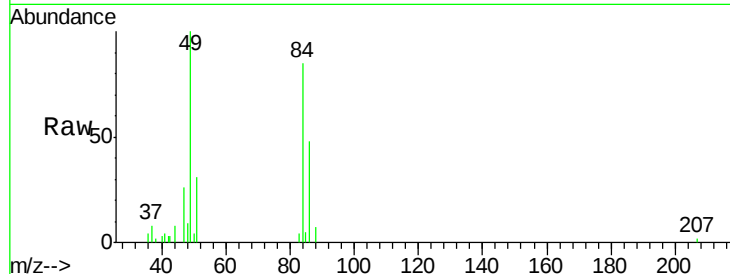
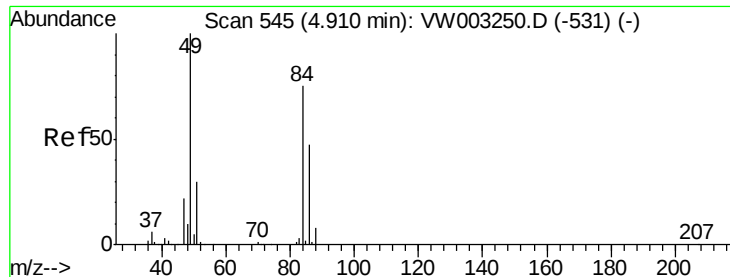
58 20.8 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

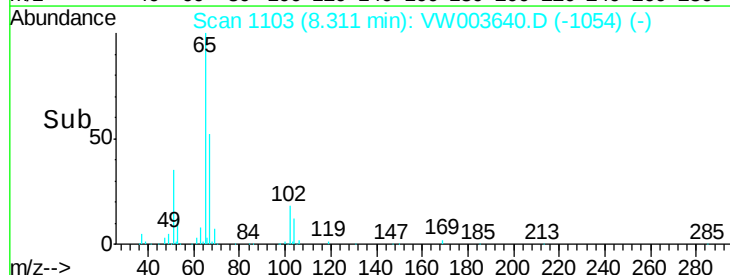
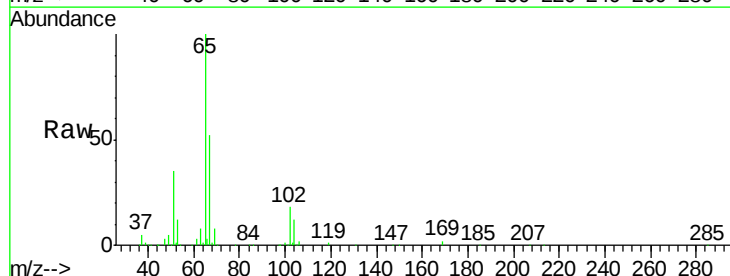
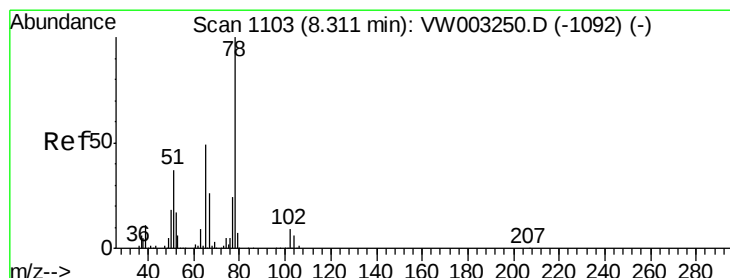
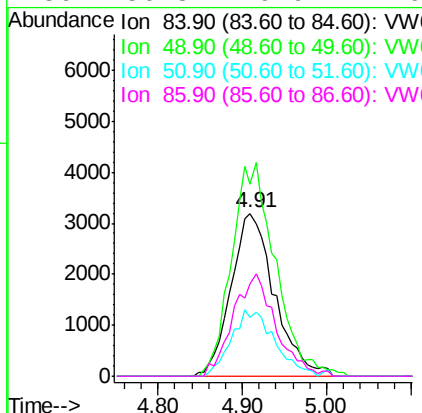




#20
Methylene Chloride
Concen: 8.45 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

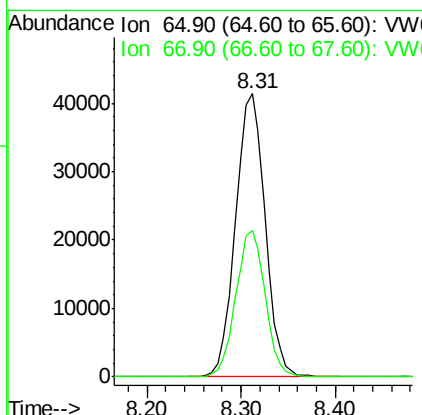
Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS005-01RE

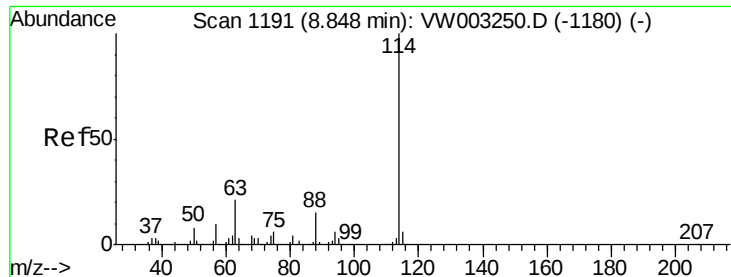
Tot Ion: 84 Resp: 11216
Ion Ratio Lower Upper
84 100
49 117.6 106.3 159.5
51 36.4 32.0 48.0
86 56.8 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 82.69 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Tgt Ion: 65 Resp: 90528
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.2

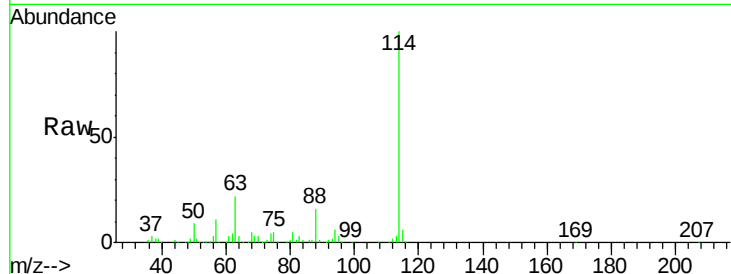




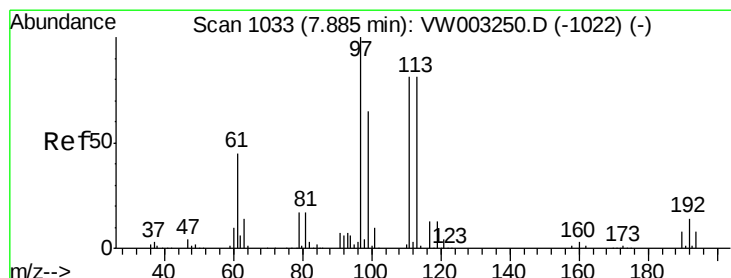
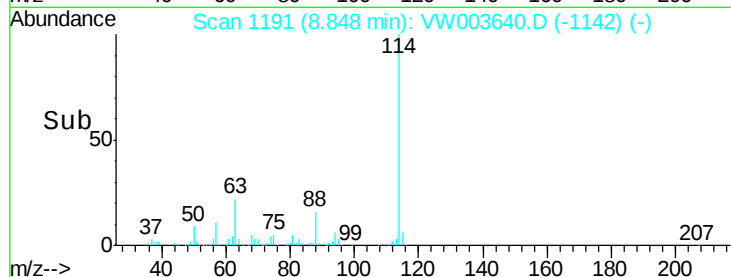
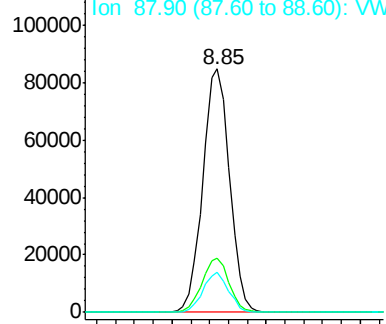
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS005-01RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.0
88	16.3	0.0	29.6

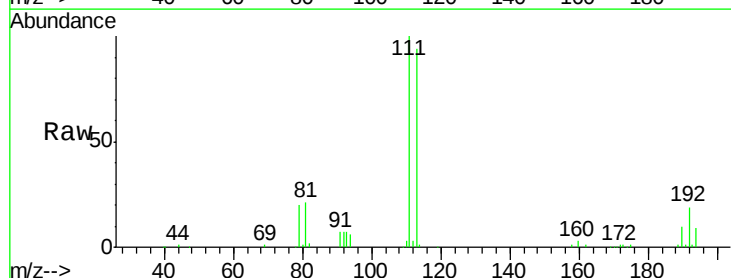


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

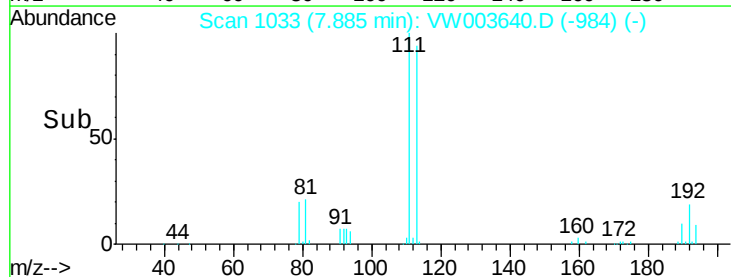
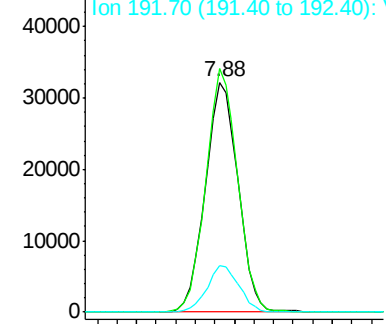


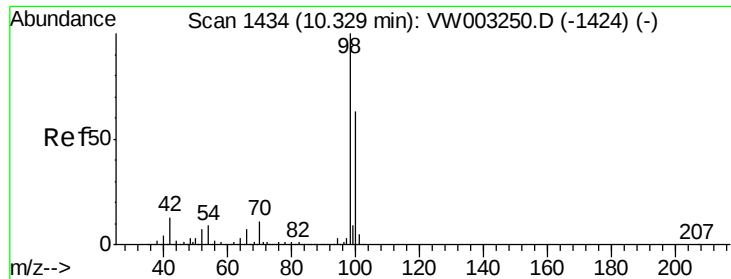
#35
 Dibromofluoromethane
 Concen: 71.65 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	19.8	16.2	24.2



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: 51.88 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

Instrument :

MSVOA_W

ClientSampleId :

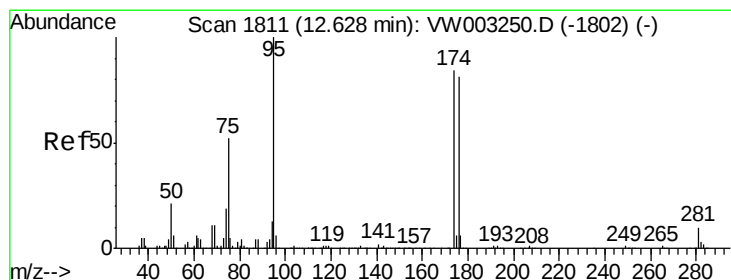
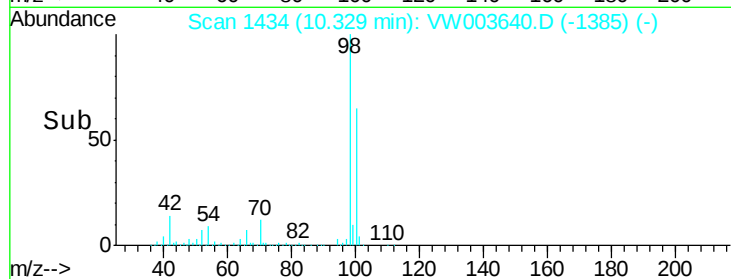
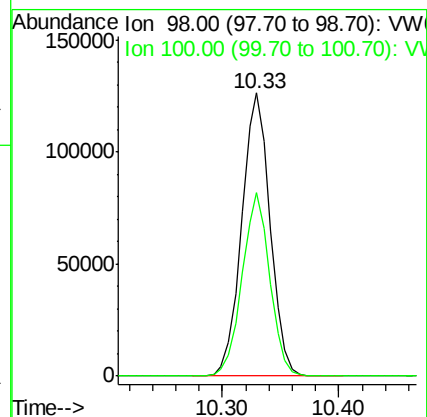
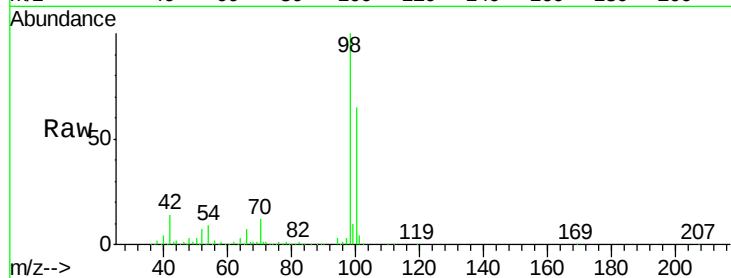
EME-FW-TS005-01RE

Tot Ion: 98 Resp: 214048

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 36.42 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

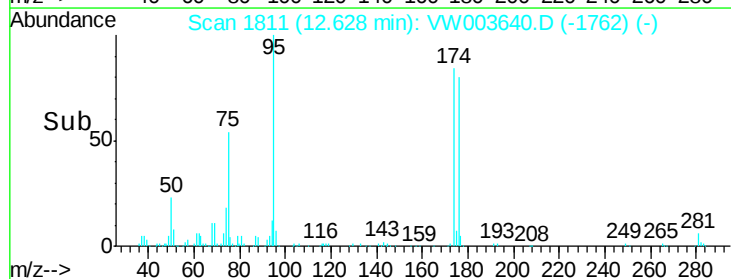
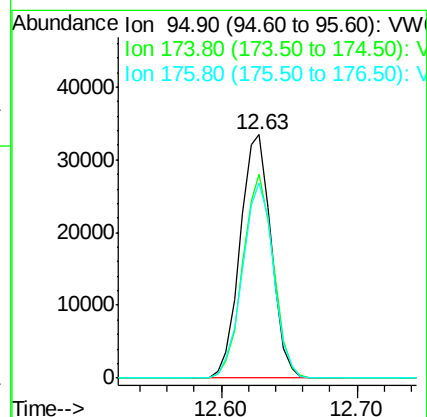
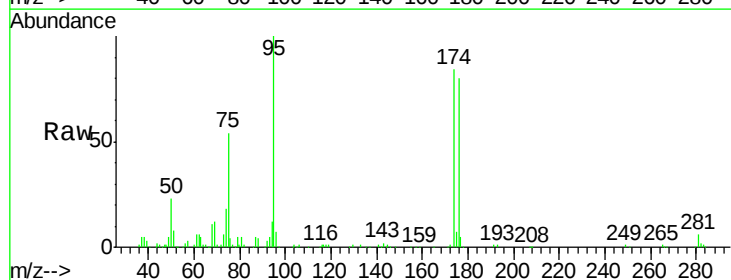
Tgt Ion: 95 Resp: 53185

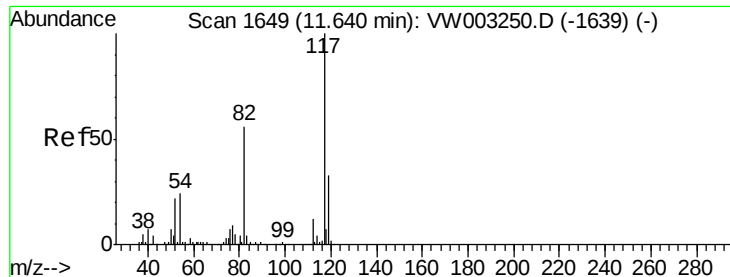
Ion Ratio Lower Upper

95 100

174 82.7 0.0 166.4

176 80.6 0.0 162.0

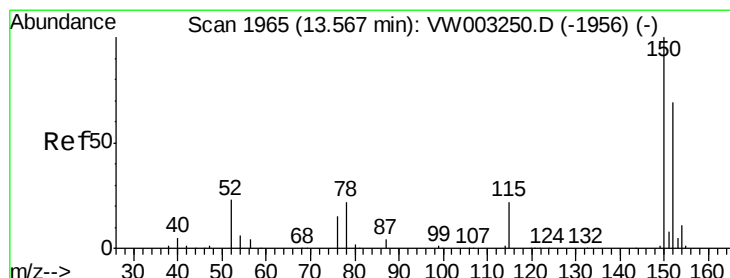
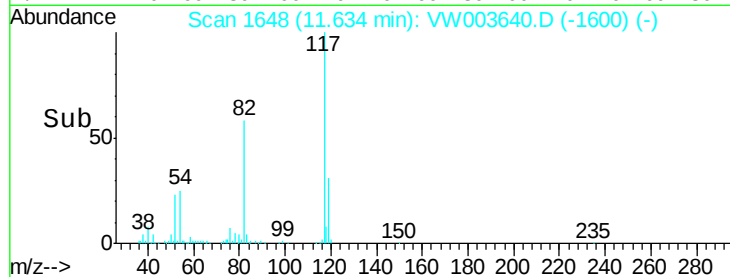
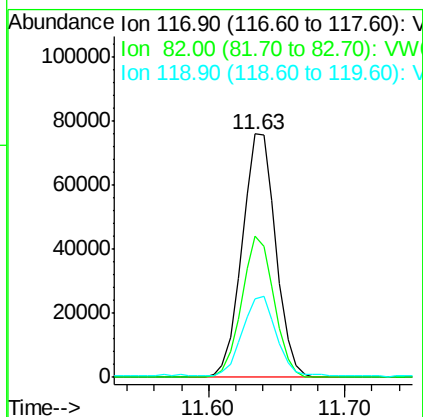
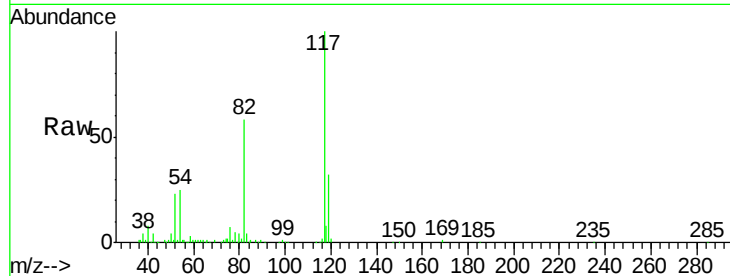




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS005-01RE

Tot Ion:117 Resp: 131321
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 31.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Tgt Ion:152 Resp: 39813
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 157.2 0.0 349.6

