

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003639.D
 Acq On : 28 Jun 2018 15:32
 Operator : SY/AP
 Sample : J3709-05
 Misc : 4.13G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 29 07:34:15 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	102646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	165063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47399	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	90138	81.07	ug/l	0.00
Spiked Amount			Recovery	=	162.14%	
35) Dibromofluoromethane	7.88	113	76539	74.62	ug/l	0.00
Spiked Amount			Recovery	=	149.24%	
50) Toluene-d8	10.33	98	234201	57.59	ug/l	0.00
Spiked Amount			Recovery	=	115.18%	
62) 4-Bromofluorobenzene	12.63	95	64444	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	

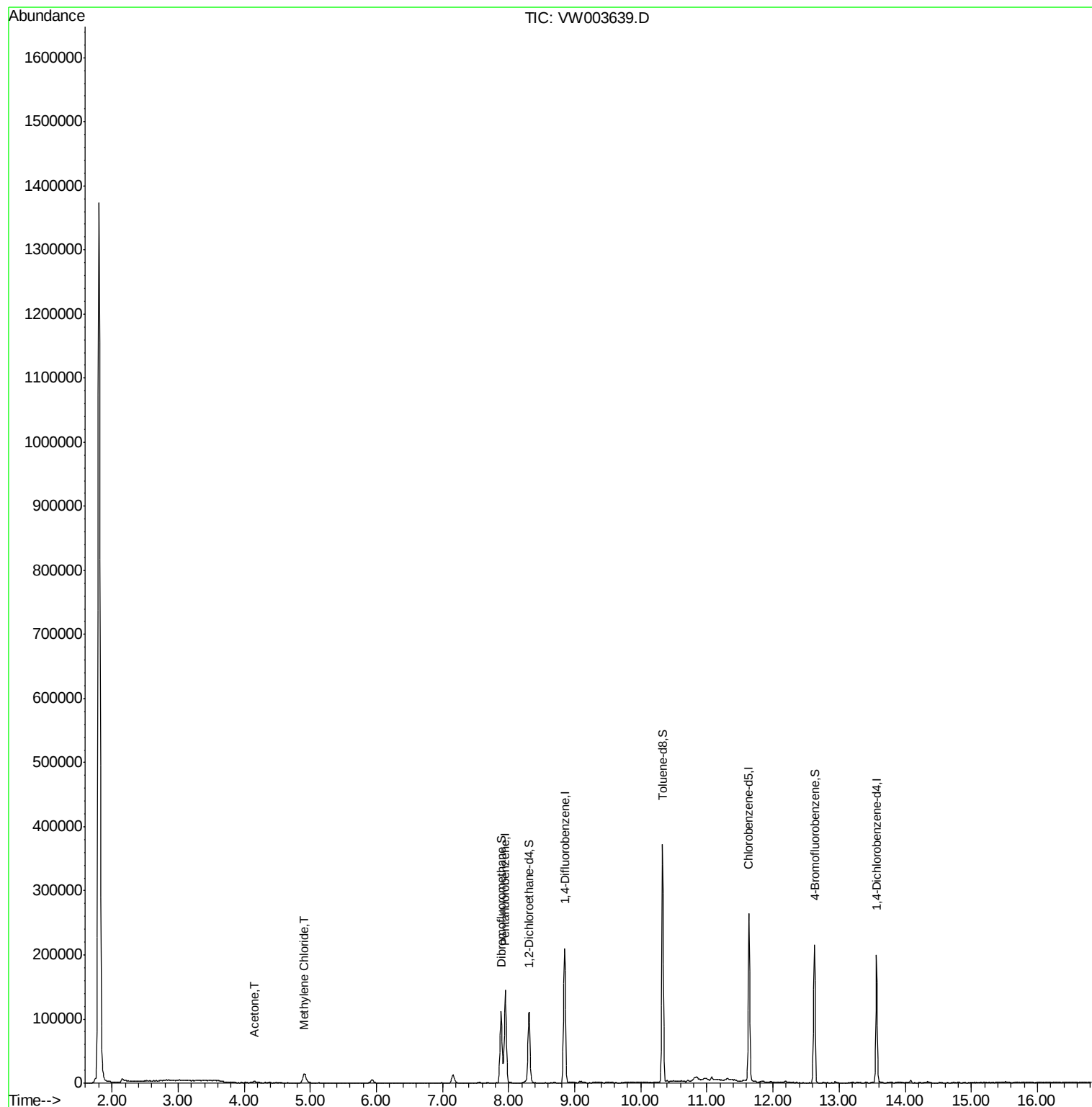
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	4130	17.71	ug/l	99
20) Methylene Chloride	4.91	84	11255	8.30	ug/l	88

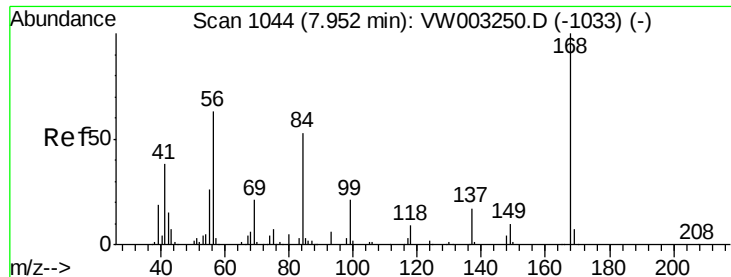
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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: VW003639.D

Acq: 28 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

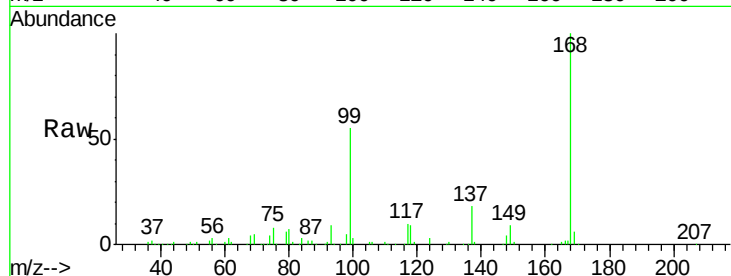
EME-FW-TS005-01

Tot Ion:168 Resp: 102646

Ion Ratio Lower Upper

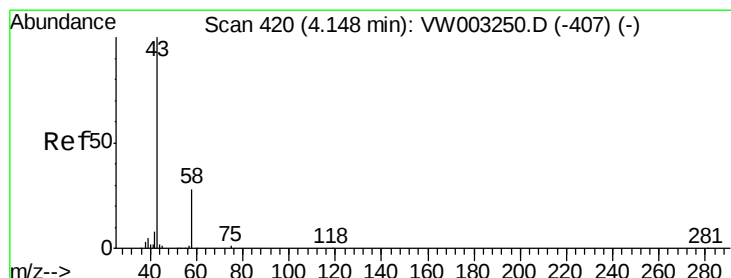
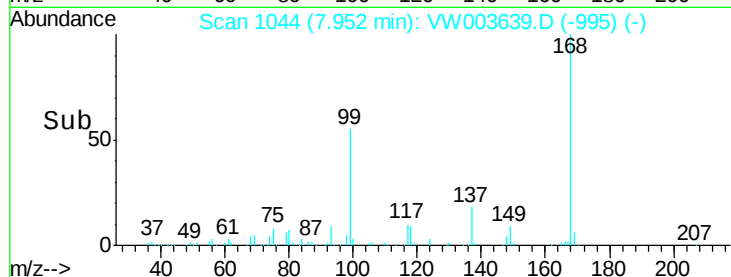
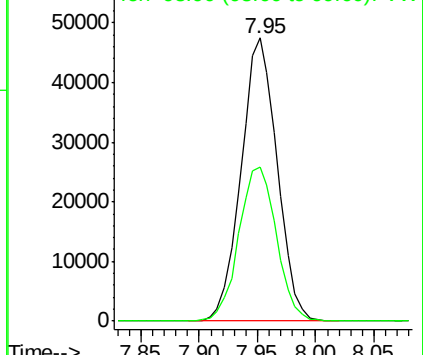
168 100

99 54.6 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: 17.71 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003639.D

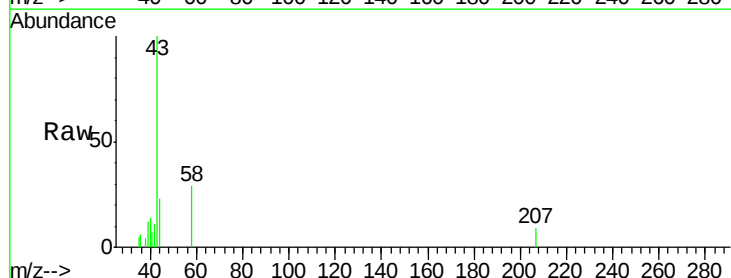
Acq: 28 Jun 2018 15:32

Tgt Ion: 43 Resp: 4130

Ion Ratio Lower Upper

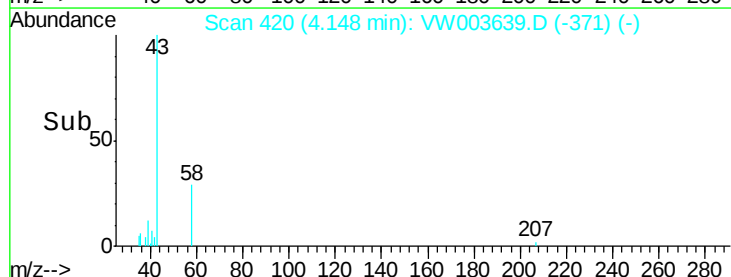
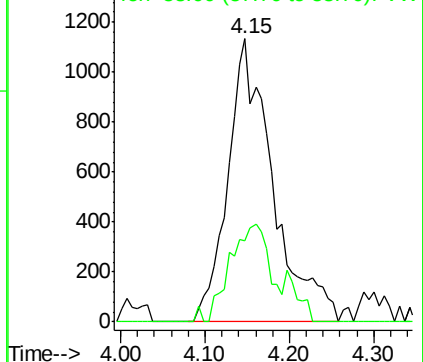
43 100

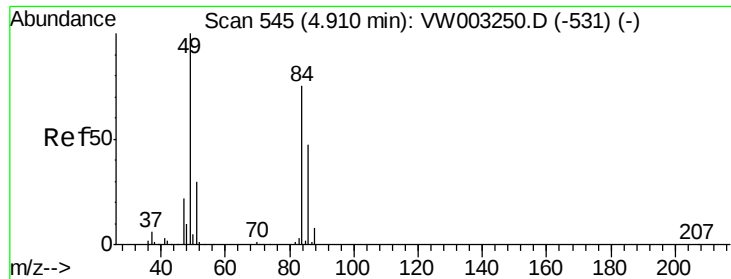
58 28.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 8.30 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003639.D

Acq: 28 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS005-01

Tot Ion: 84 Resp: 11255

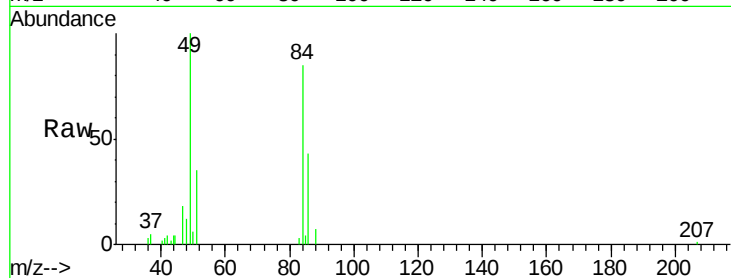
Ion Ratio Lower Upper

84 100

49 117.3 106.3 159.5

51 41.2 32.0 48.0

86 50.3 49.9 74.9

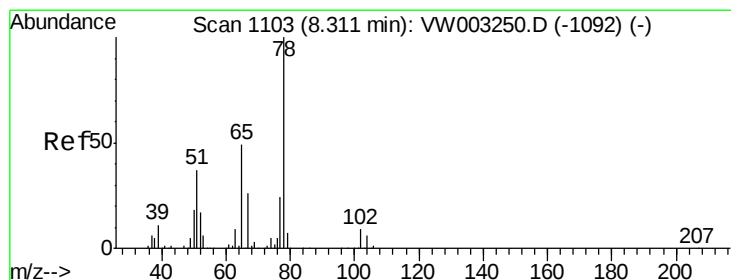
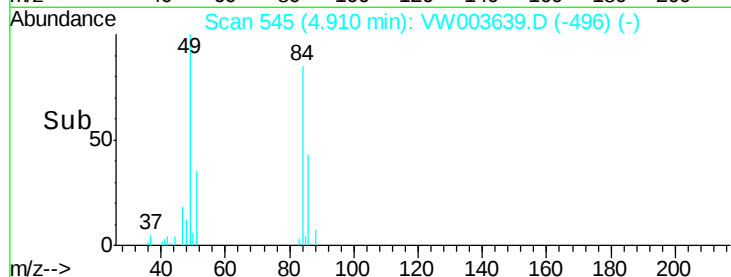
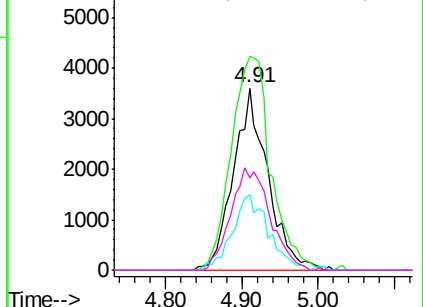


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 81.07 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003639.D

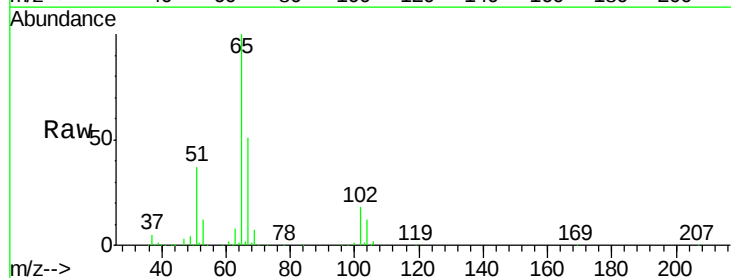
Acq: 28 Jun 2018 15:32

Tgt Ion: 65 Resp: 90138

Ion Ratio Lower Upper

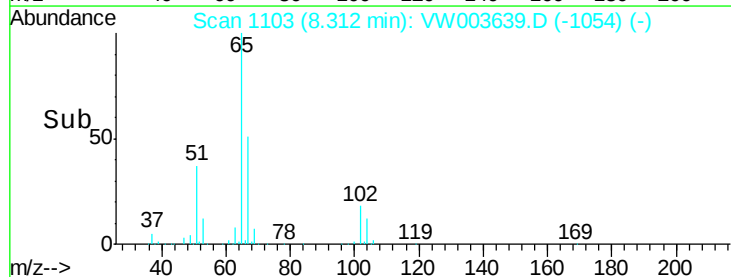
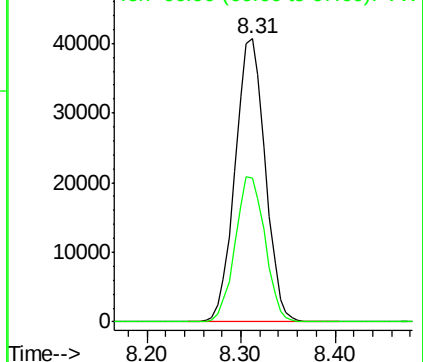
65 100

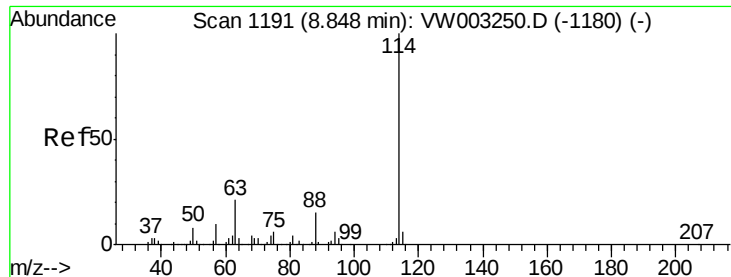
67 51.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

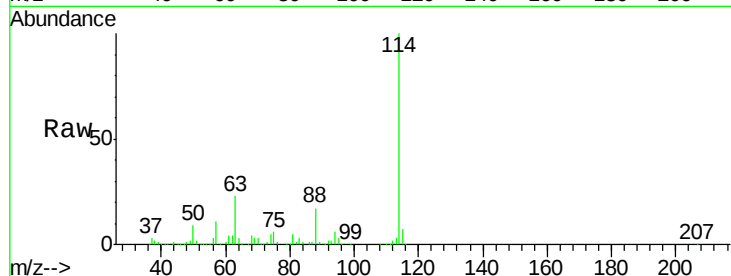




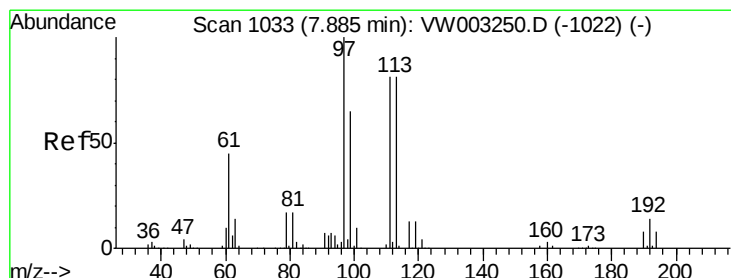
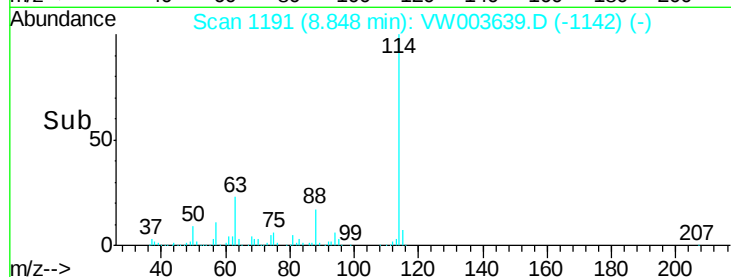
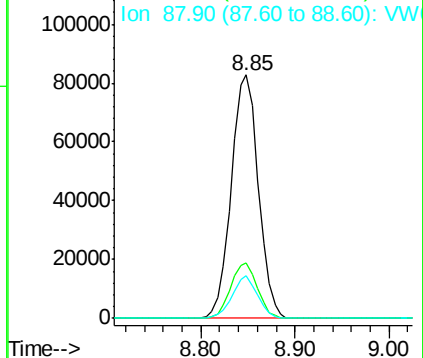
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003639.D
 Acq: 28 Jun 2018 15:32

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	43.0
88	17.5	0.0	29.6

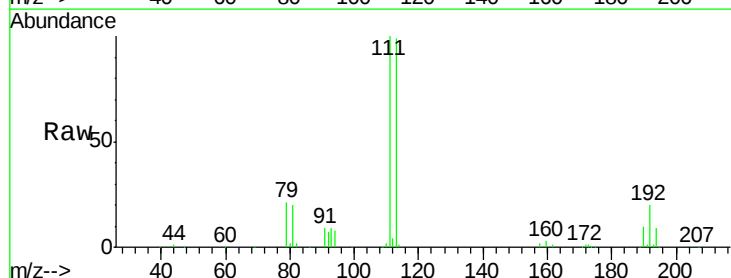


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

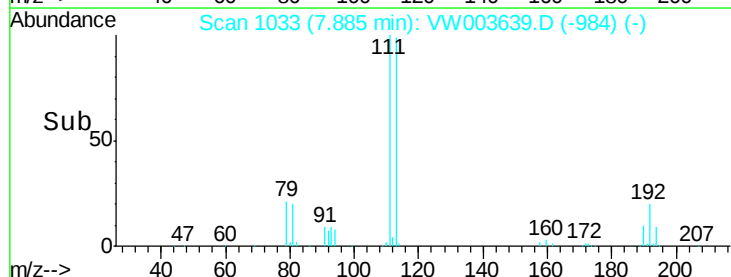
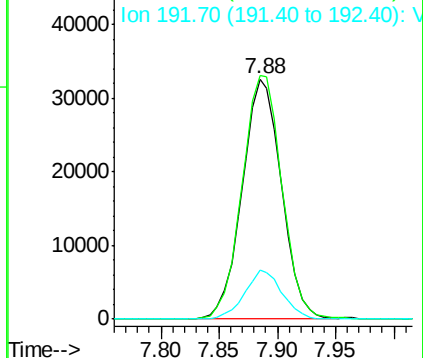


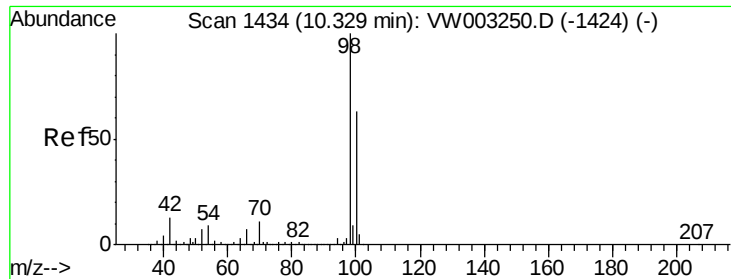
#35
 Dibromofluoromethane
 Concen: 74.62 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003639.D
 Acq: 28 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	19.4	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: 57.59 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003639.D

Acq: 28 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

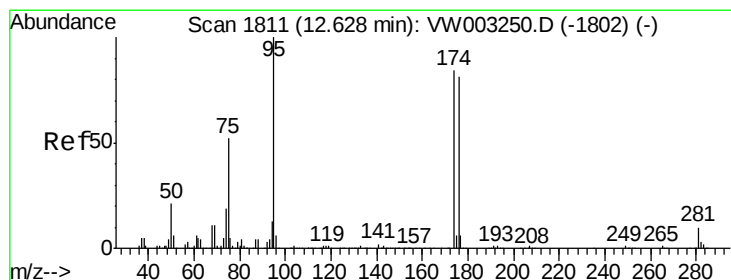
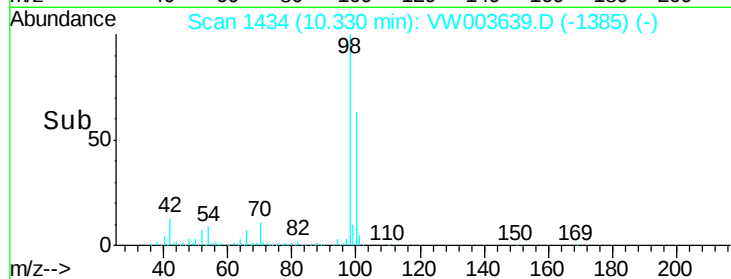
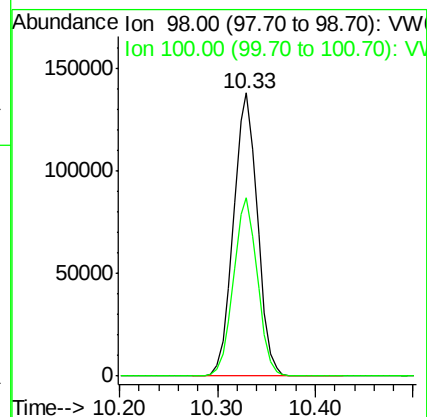
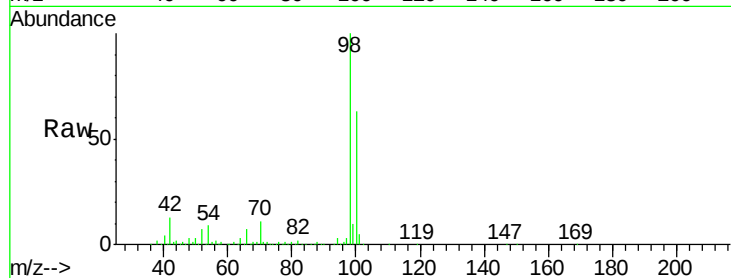
EME-FW-TS005-01

Tot Ion: 98 Resp: 234201

Ion Ratio Lower Upper

98 100

100 62.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 44.78 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003639.D

Acq: 28 Jun 2018 15:32

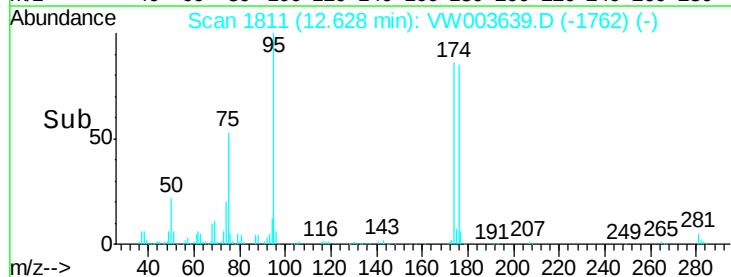
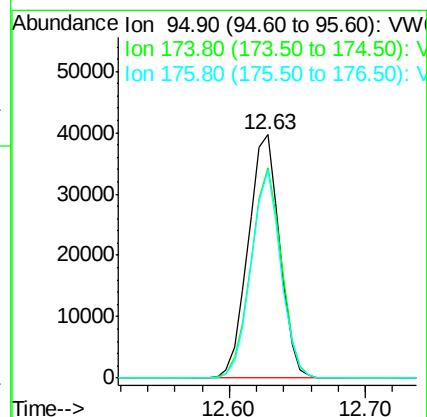
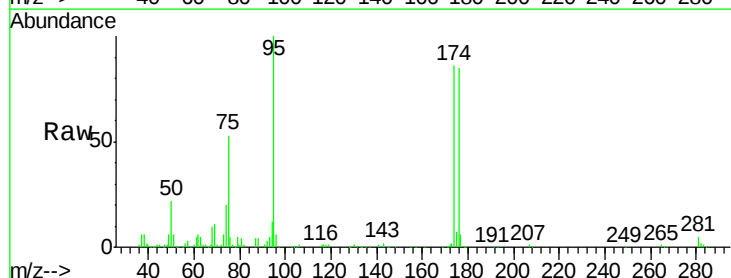
Tgt Ion: 95 Resp: 64444

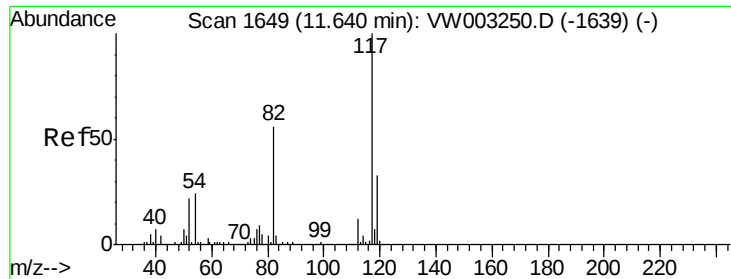
Ion Ratio Lower Upper

95 100

174 84.4 0.0 166.4

176 80.4 0.0 162.0

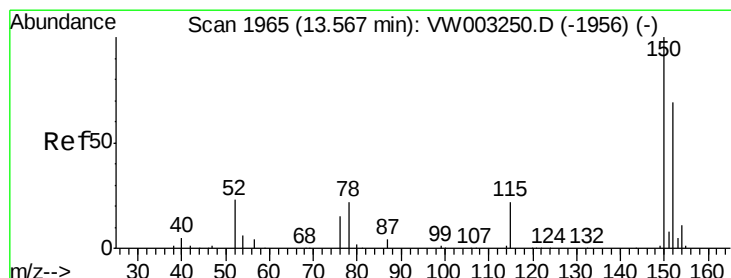
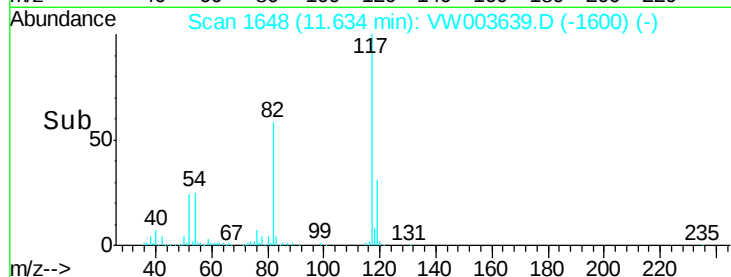
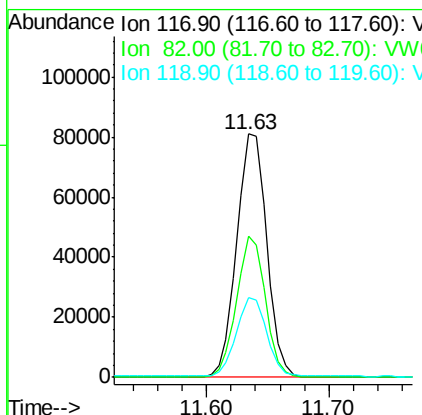
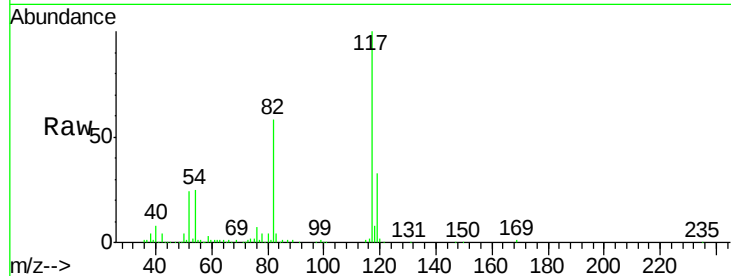




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003639.D
Acq: 28 Jun 2018 15:32

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

Tot Ion:117 Resp: 137882
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 32.5 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: VW003639.D
Acq: 28 Jun 2018 15:32

Tgt Ion:152 Resp: 47399
Ion Ratio Lower Upper
152 100
115 58.3 29.3 88.0
150 159.0 0.0 349.6

