

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003627.D
 Acq On : 27 Jun 2018 21:07
 Operator : SY/AP
 Sample : J3709-03MSD
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EME-FW-TS004-01

Quant Time: Jun 28 07:13:58 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	30637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	45171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	35305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10523	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	17778	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
35) Dibromofluoromethane	7.88	113	15378	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	
50) Toluene-d8	10.33	98	33832	30.40	ug/l	0.00
Spiked Amount			Recovery	=	60.80%	
62) 4-Bromofluorobenzene	12.63	95	9015	22.89	ug/l	0.00
Spiked Amount			Recovery	=	45.78%	

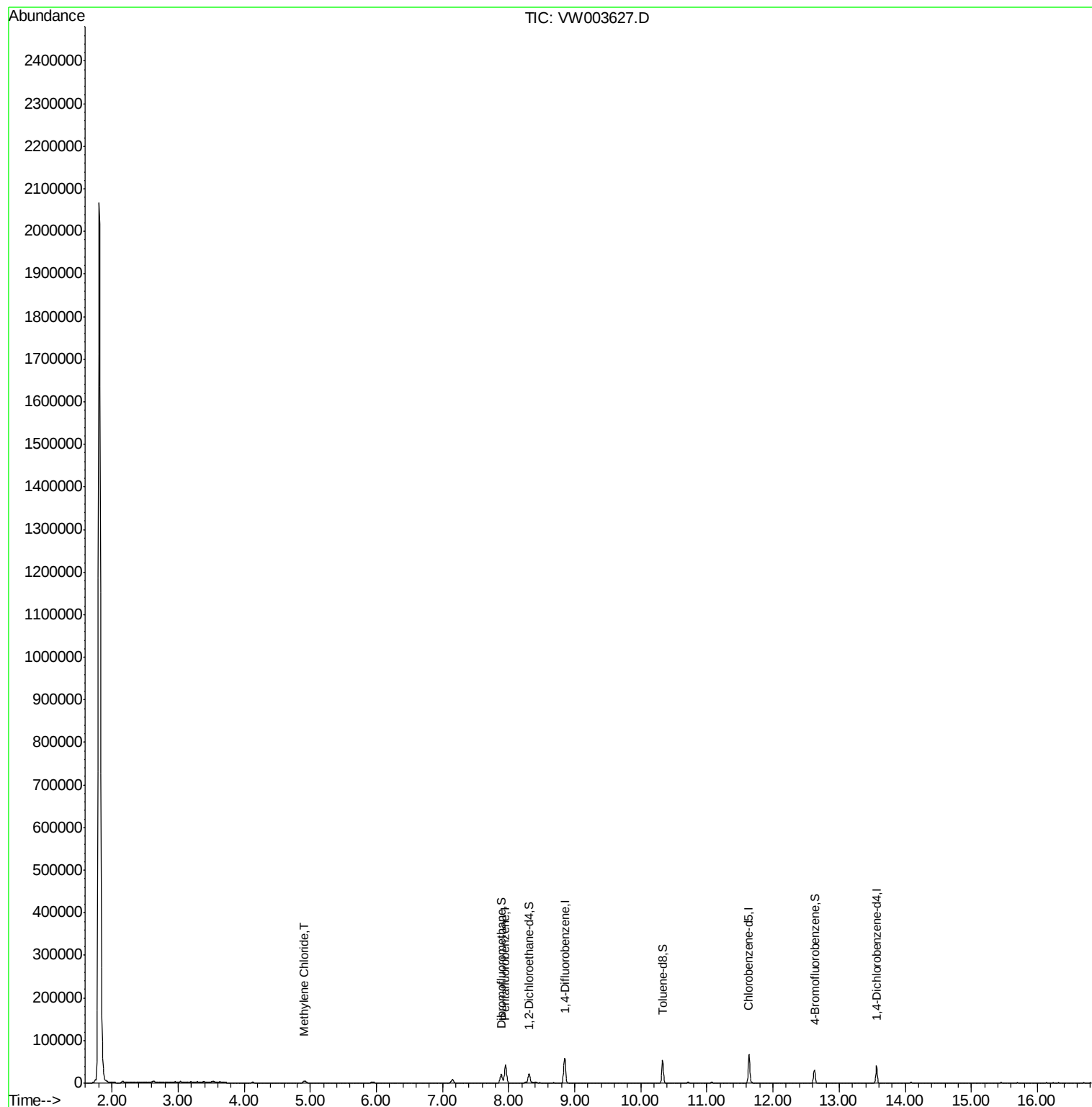
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.90	84	3338	8.22	ug/l	93

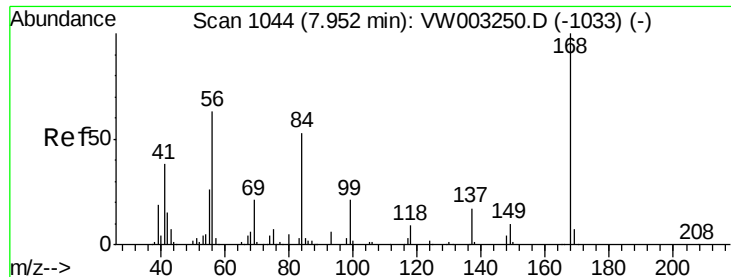
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003627.D

Acq: 27 Jun 2018 21:07

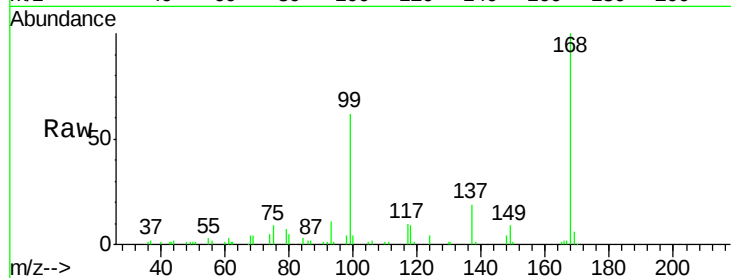
Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01

Tot Ion:168 Resp: 30637

Ion Ratio Lower Upper

168 100

99 62.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

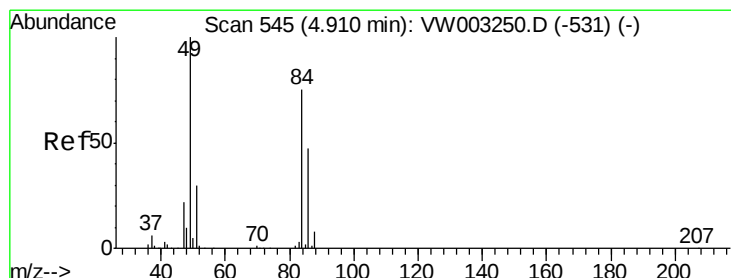
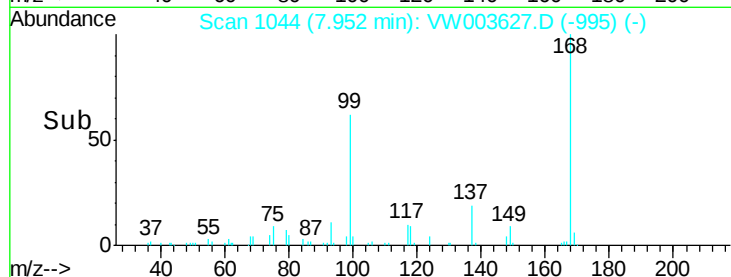
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 8.22 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

Tgt Ion: 84 Resp: 3338

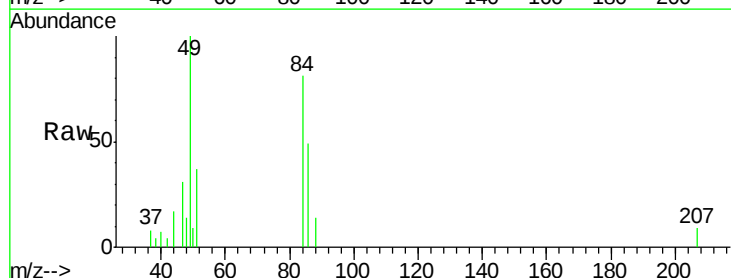
Ion Ratio Lower Upper

84 100

49 123.6 106.3 159.5

51 45.9 32.0 48.0

86 60.2 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

2000

1500

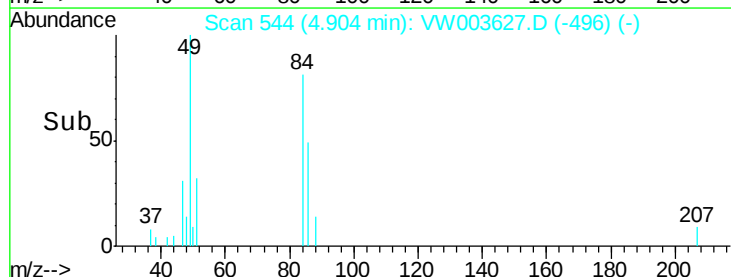
1000

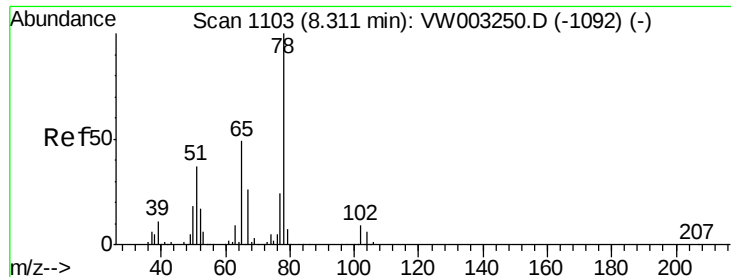
500

0

4.80 4.85 4.90 4.95 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.57 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003627.D

Acq: 27 Jun 2018 21:07

Instrument :

MSVOA_W

ClientSampleId :

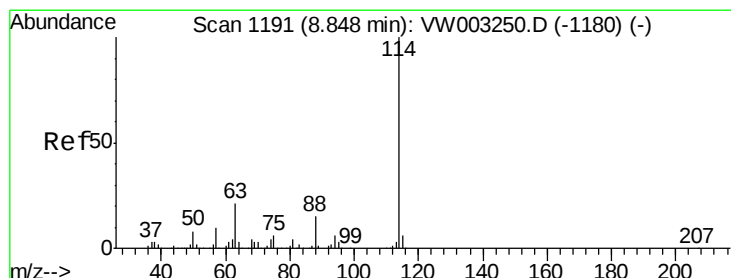
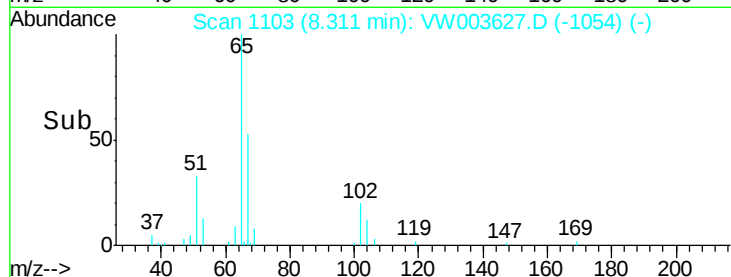
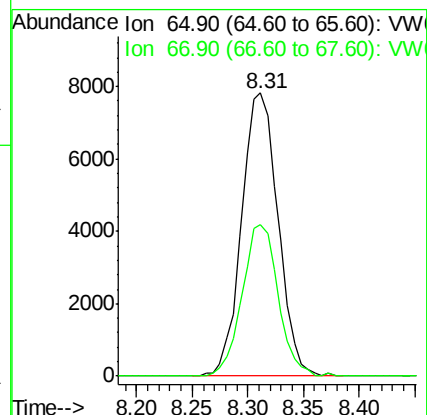
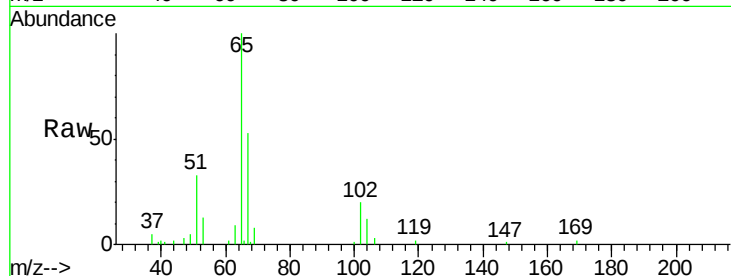
EME-FW-TS004-01

Tot Ion: 65 Resp: 17778

Ion Ratio Lower Upper

65 100

67 52.8 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: VW003627.D

Acq: 27 Jun 2018 21:07

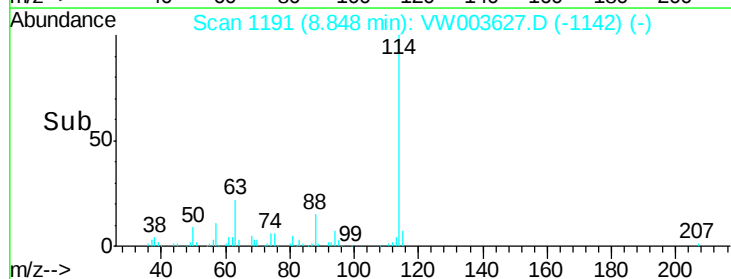
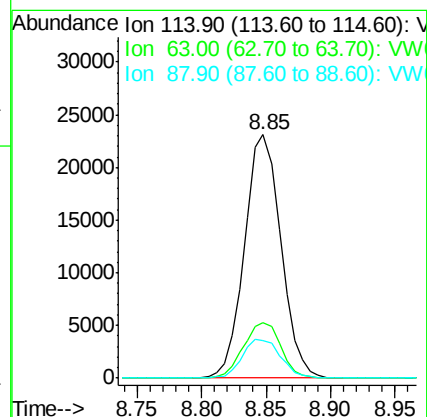
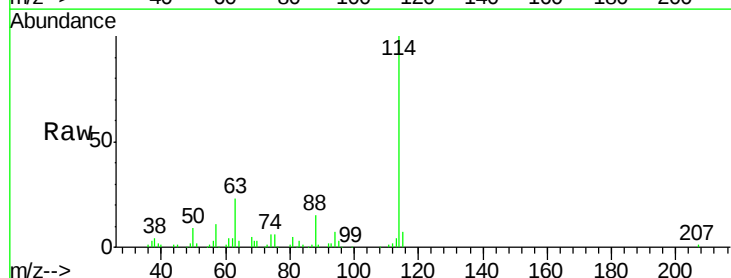
Tgt Ion: 114 Resp: 45171

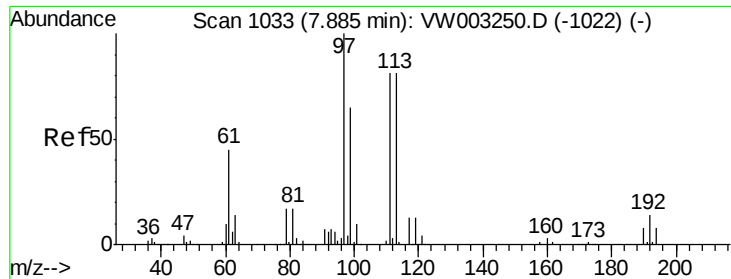
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.0

88 15.3 0.0 29.6

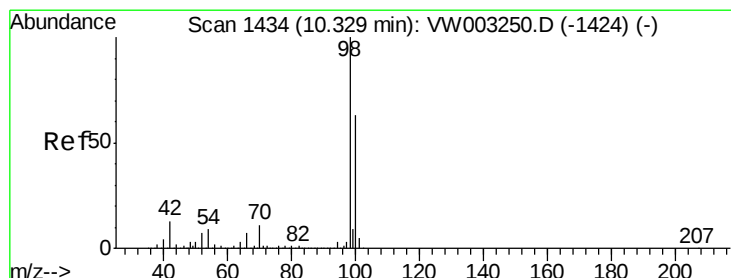
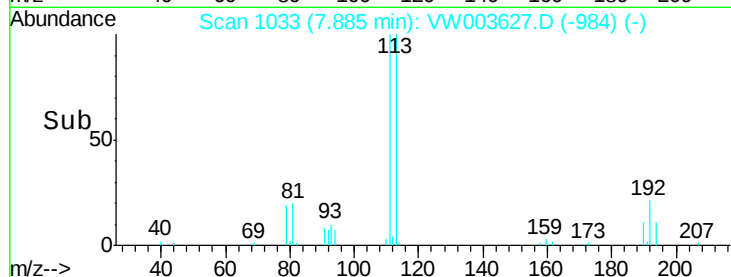
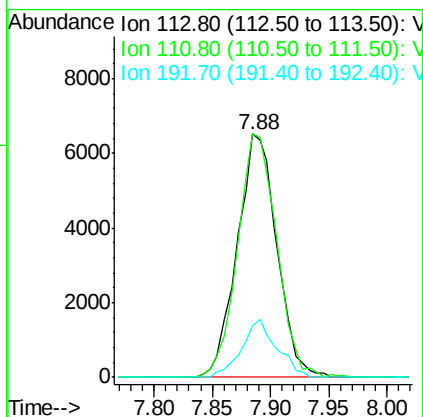
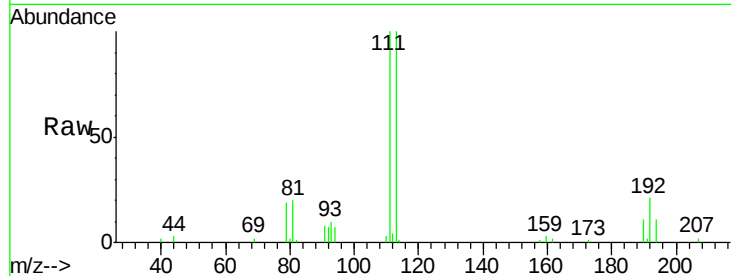




#35
 Dibromofluoromethane
 Concen: 54.79 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003627.D
 Acq: 27 Jun 2018 21:07

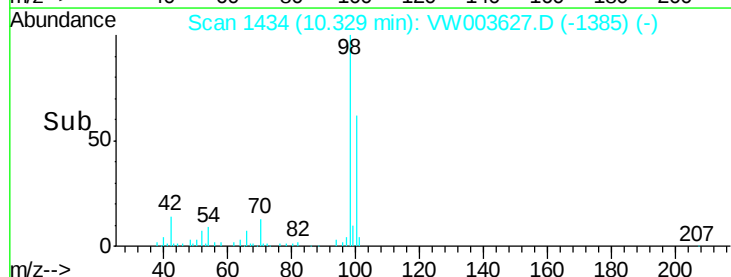
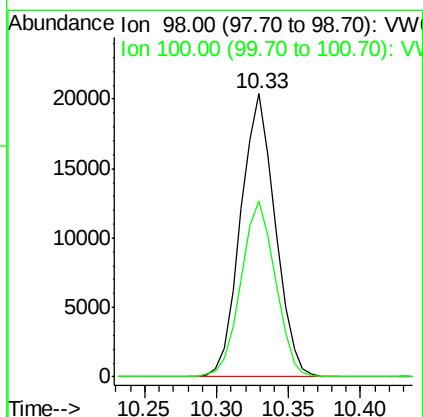
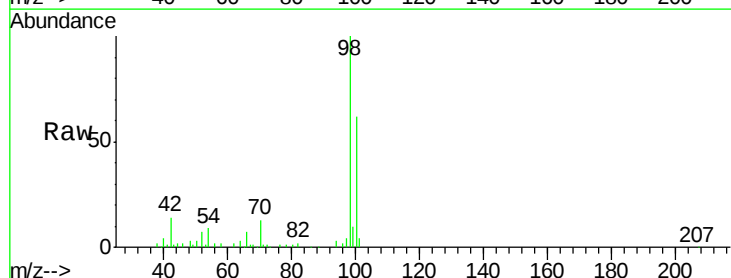
Instrument :
 MSVOA_W
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 EME-FW-TS004-01

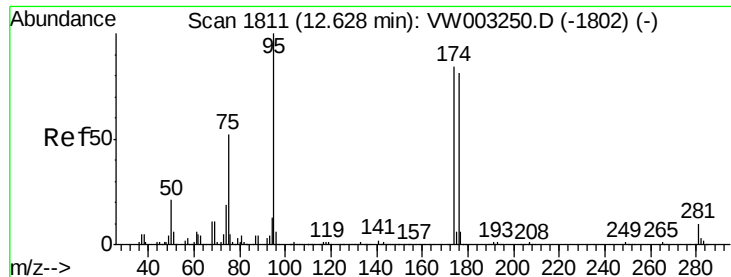
Tot Ion:113 Resp: 15378
 Ion Ratio Lower Upper
 113 100
 111 98.8 82.2 123.2
 192 21.0 16.2 24.2



#50
 Toluene-d8
 Concen: 30.40 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003627.D
 Acq: 27 Jun 2018 21:07

Tgt Ion: 98 Resp: 33832
 Ion Ratio Lower Upper
 98 100
 100 62.1 50.8 76.2

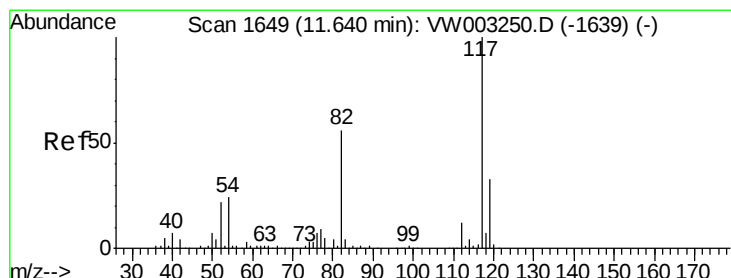
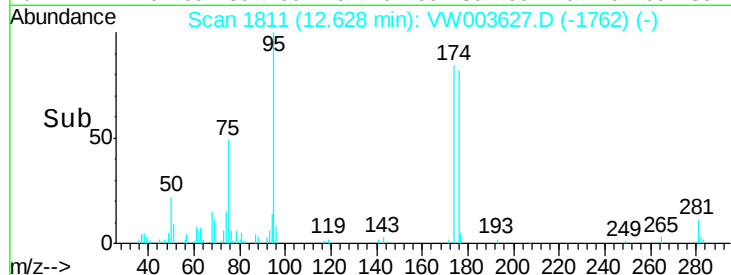
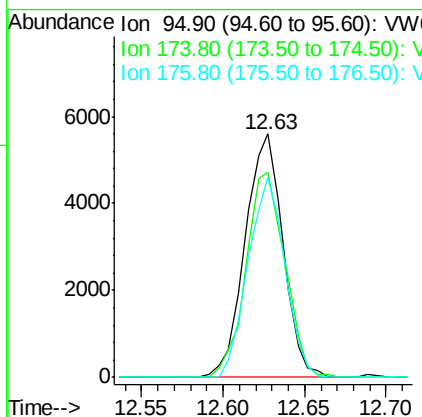
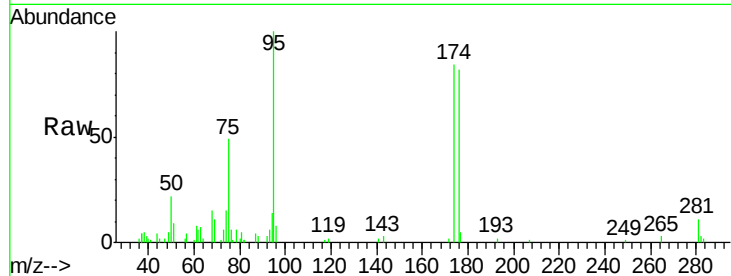




#62
4-Bromofluorobenzene
Concen: 22.89 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

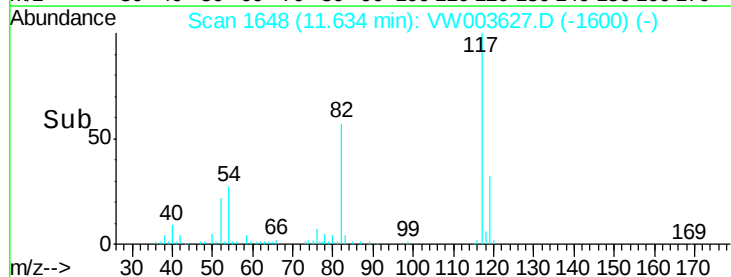
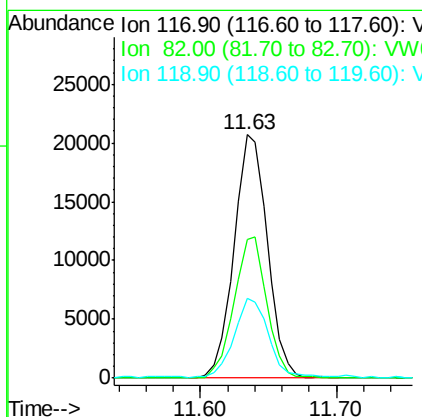
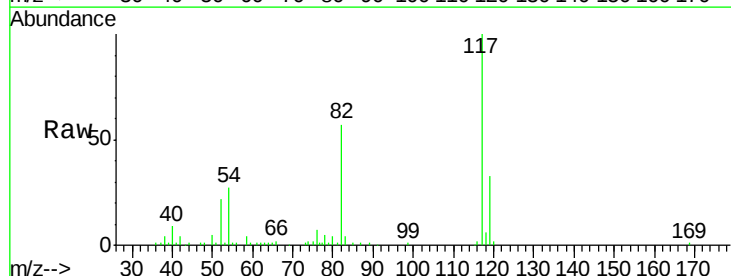
Instrument :
MSVOA_W
ClientSampleId :
EME-FW-TS004-01

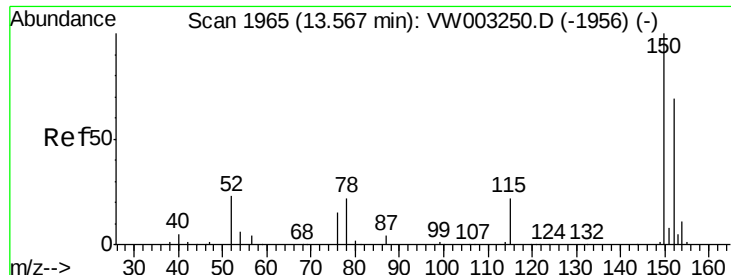
Tot Ion: 95 Resp: 9015
Ion Ratio Lower Upper
95 100
174 86.9 0.0 166.4
176 80.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003627.D
Acq: 27 Jun 2018 21:07

Tgt Ion: 117 Resp: 35305
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.7 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: VW003627.D

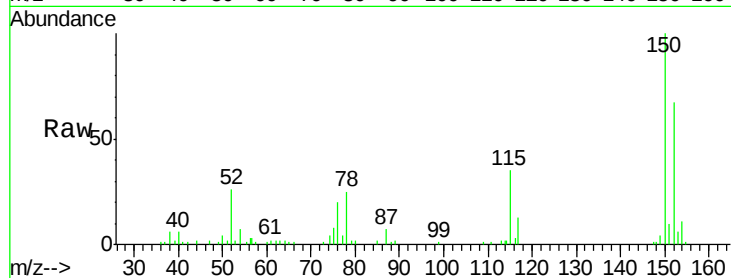
Acq: 27 Jun 2018 21:07

Instrument :

MSVOA_W

ClientSampleId :

EME-FW-TS004-01



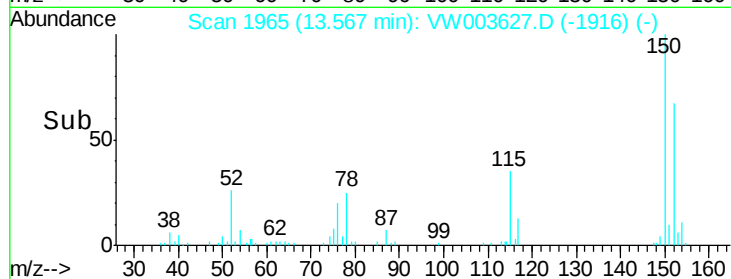
Tot Ion:152 Resp: 10523

Ion Ratio Lower Upper

152 100

115 57.9 29.3 88.0

150 153.9 0.0 349.6



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

