

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003617.D
 Acq On : 27 Jun 2018 16:49
 Operator : SY/AP
 Sample : J3665-02
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(95-97)

Quant Time: Jun 28 05:54:22 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

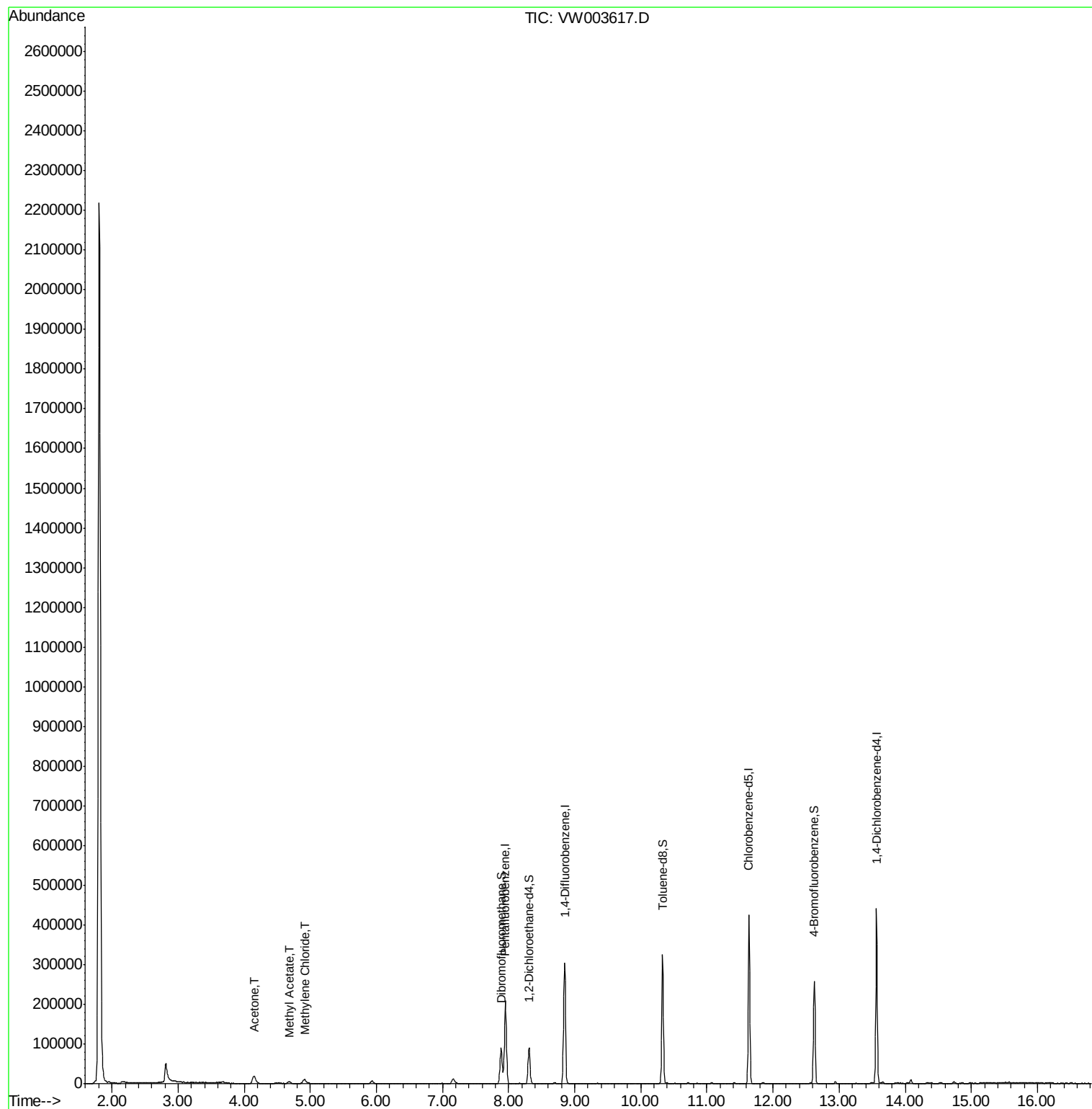
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	224701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71048	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
35) Dibromofluoromethane	7.89	113	63760	41.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.76%	
50) Toluene-d8	10.33	98	207859	34.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.86%	
62) 4-Bromofluorobenzene	12.62	95	74904	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
Target Compounds						
16) Acetone	4.15	43	40902	123.06	ug/l	96
18) Methyl Acetate	4.68	43	8591	10.90	ug/l	100
20) Methylene Chloride	4.92	84	7909	2.08	ug/l #	92

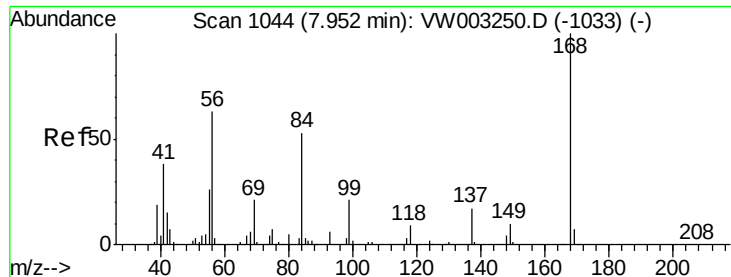
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

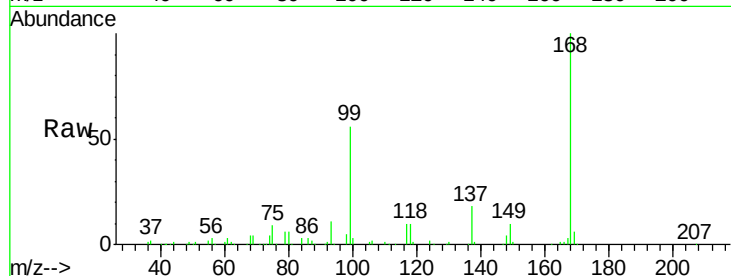
EPE-105-4(95-97)

Tot Ion:168 Resp: 146306

Ion Ratio Lower Upper

168 100

99 56.3 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

60000

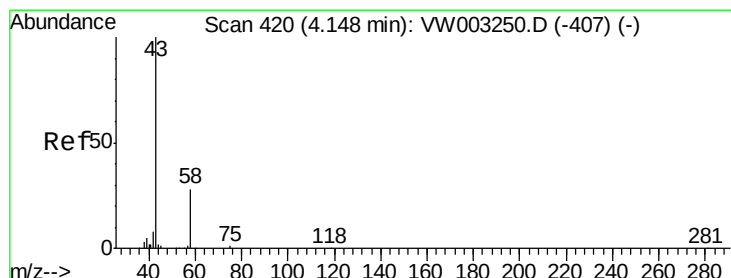
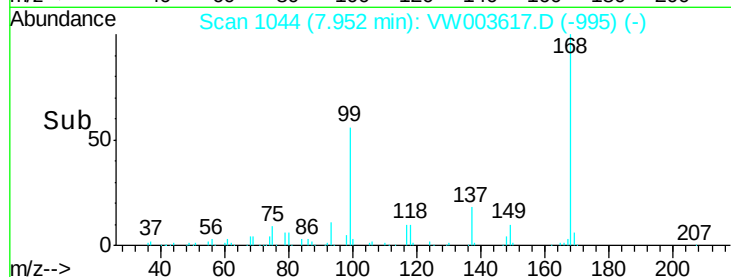
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 123.06 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003617.D

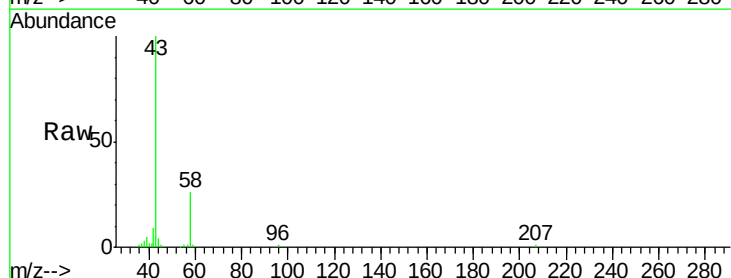
Acq: 27 Jun 2018 16:49

Tgt Ion: 43 Resp: 40902

Ion Ratio Lower Upper

43 100

58 26.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

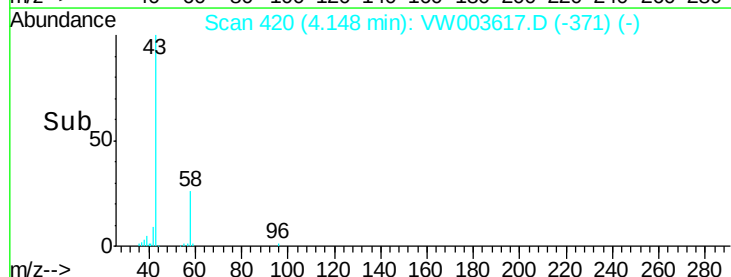
10000

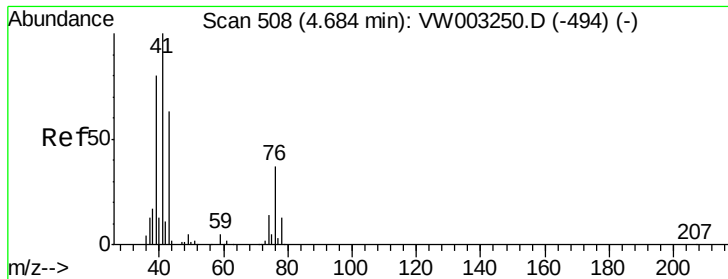
5000

0

4.00 4.10 4.20 4.30

Time-->

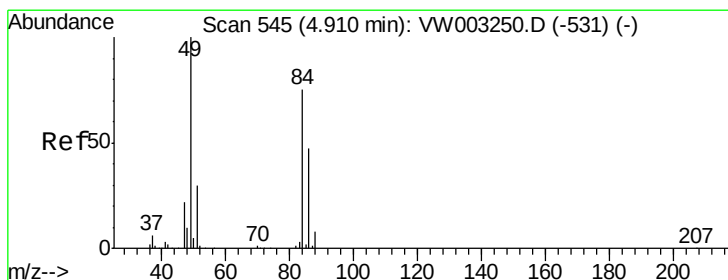
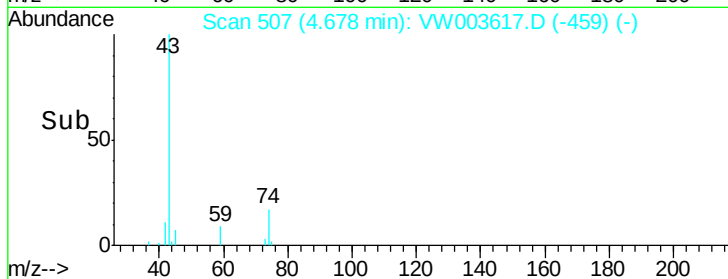
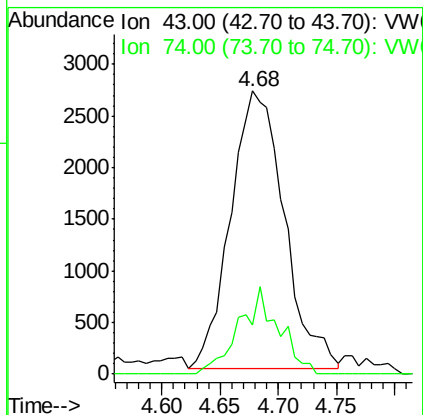
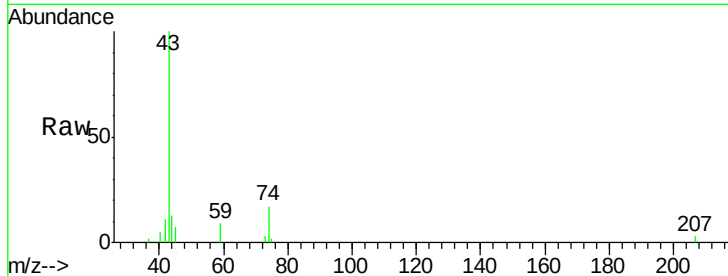




#18
Methvl Acetate
Concen: 10.90 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003617.D
Acq: 27 Jun 2018 16:49

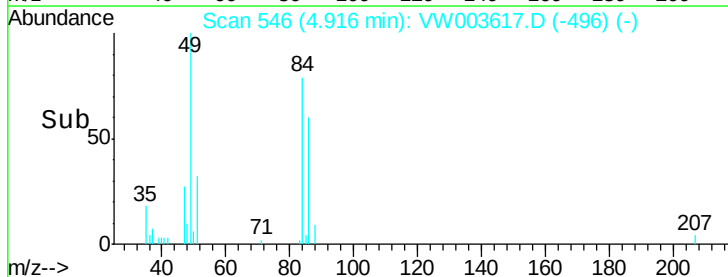
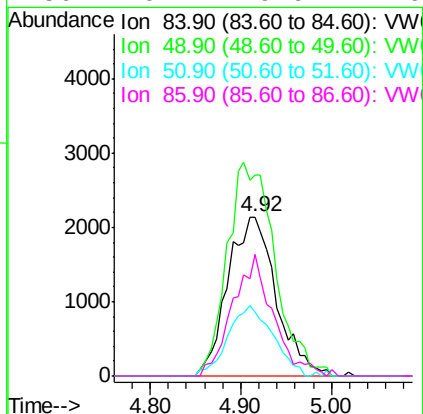
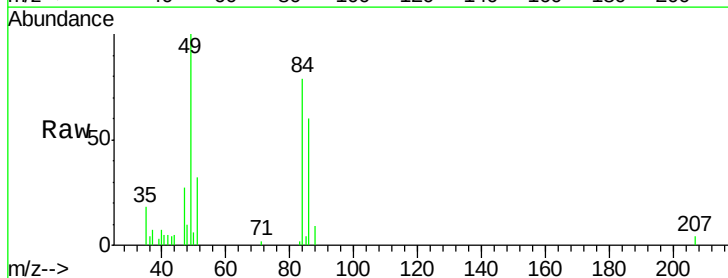
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(95-97)

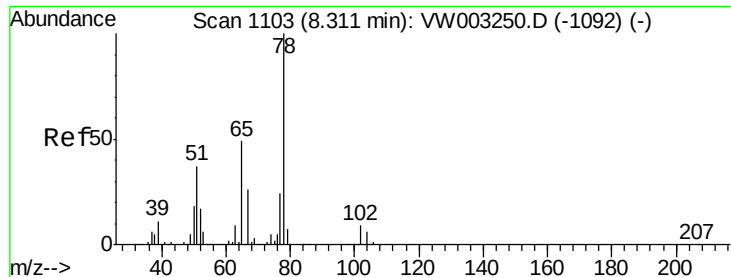
Tot Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
74 23.4 18.7 28.1



#20
Methylene Chloride
Concen: 2.08 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003617.D
Acq: 27 Jun 2018 16:49

Tgt Ion: 84 Resp: 7909
Ion Ratio Lower Upper
84 100
49 126.2 106.3 159.5
51 40.4 32.0 48.0
86 76.1 49.9 74.9#

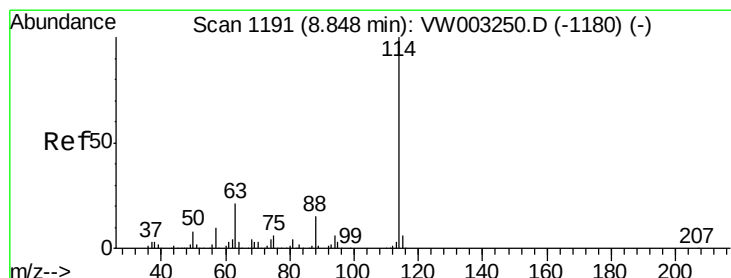
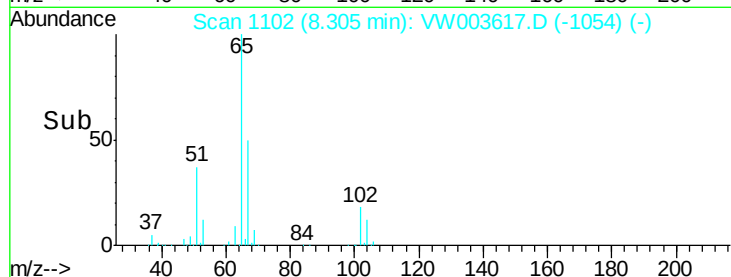
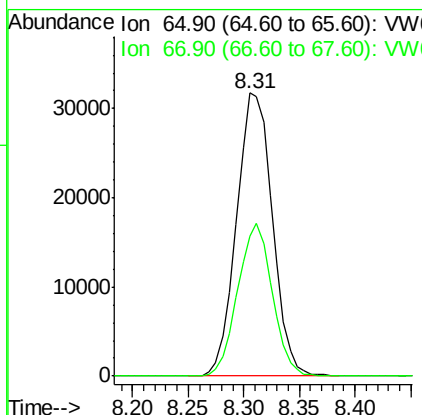
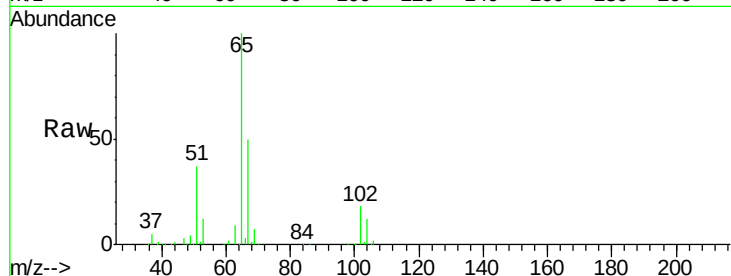




#33
 1,2-Dichloroethane-d4
 Concen: 44.83 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003617.D
 Acq: 27 Jun 2018 16:49

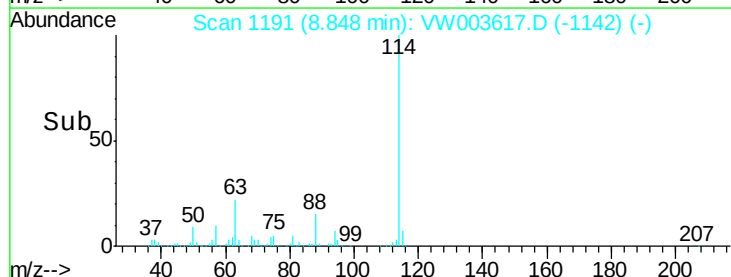
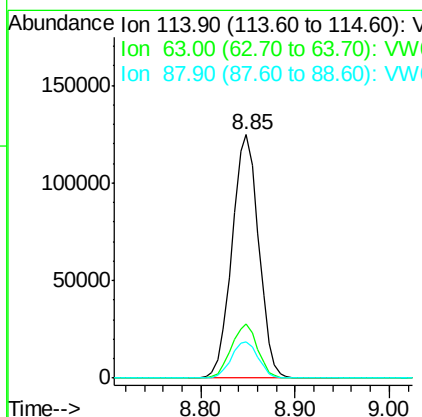
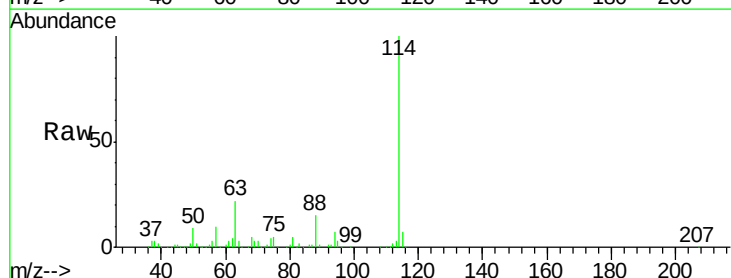
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(95-97)

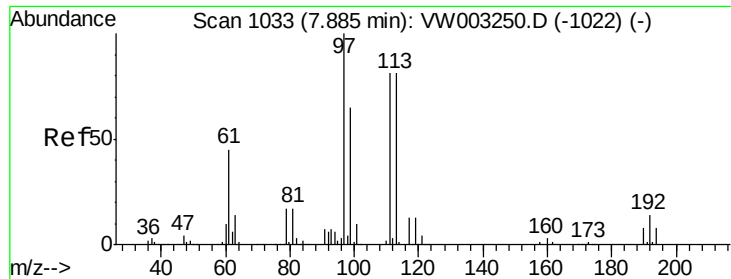
Tot Ion: 65 Resp: 71048
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003617.D
 Acq: 27 Jun 2018 16:49

Tgt Ion: 114 Resp: 245040
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.0
 88 15.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 41.88 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003617.D

Acq: 27 Jun 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(95-97)

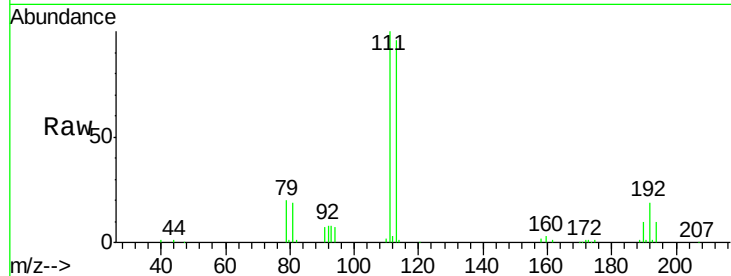
Tot Ion:113 Resp: 63760

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

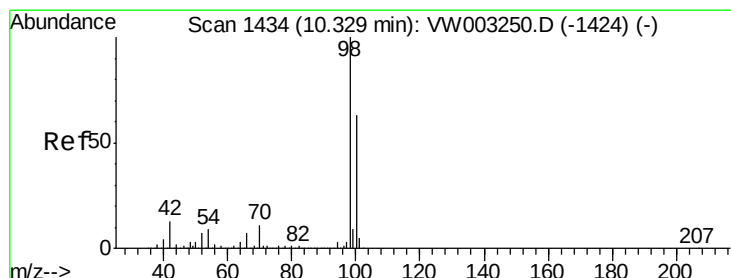
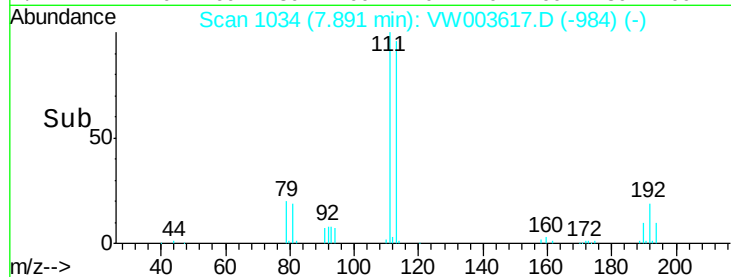
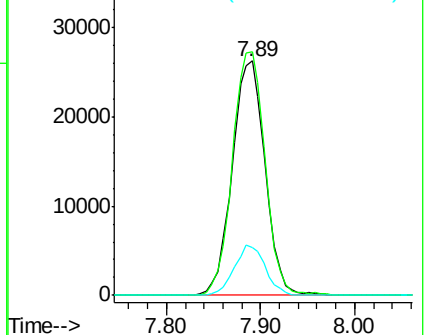
192 20.1 16.2 24.2



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: 34.43 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003617.D

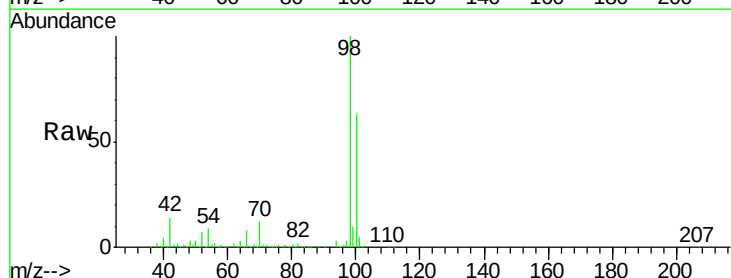
Acq: 27 Jun 2018 16:49

Tgt Ion: 98 Resp: 207859

Ion Ratio Lower Upper

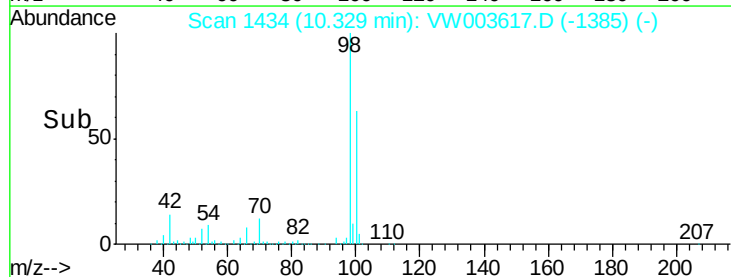
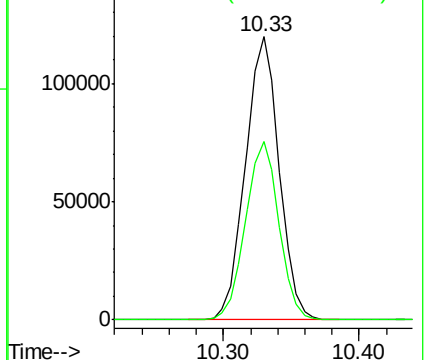
98 100

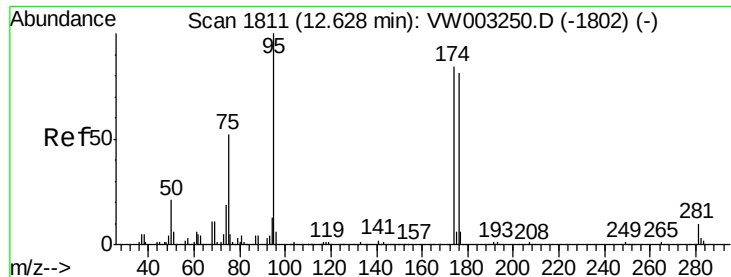
100 62.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 35.06 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003617.D

Acq: 27 Jun 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(95-97)

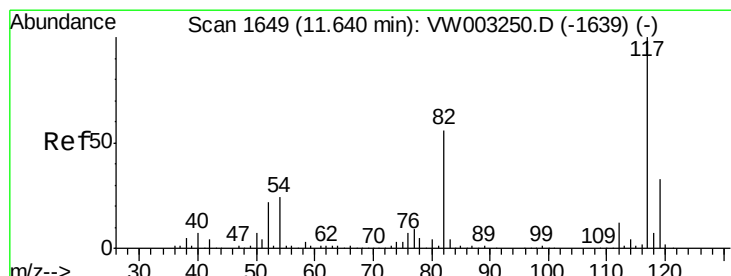
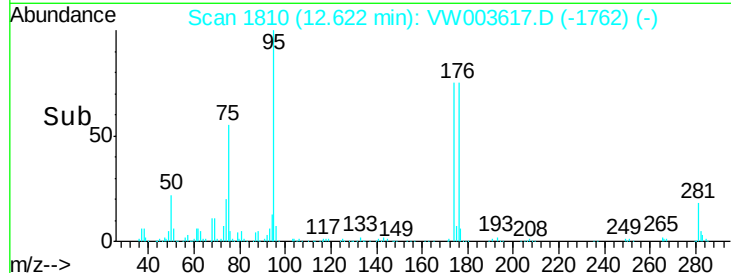
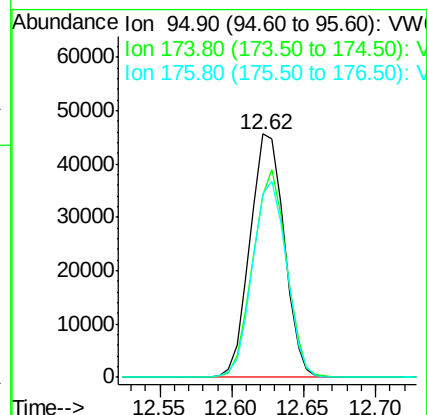
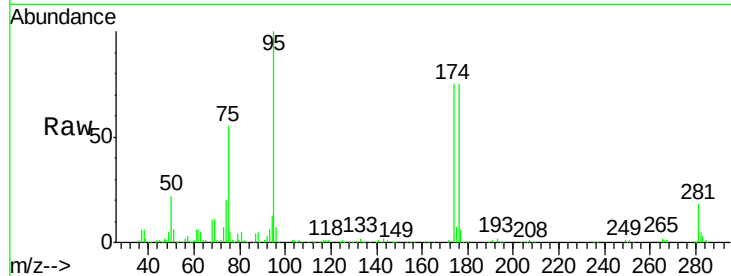
Tot Ion: 95 Resp: 74904

Ion Ratio Lower Upper

95 100

174 83.5 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: VW003617.D

Acq: 27 Jun 2018 16:49

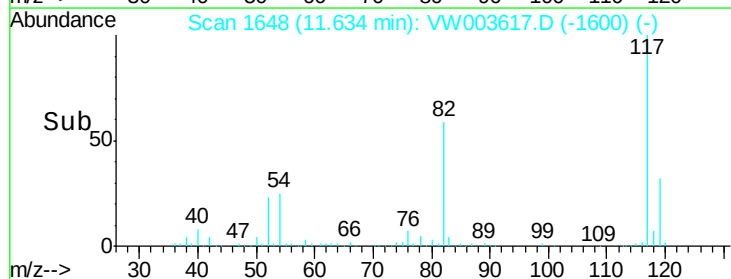
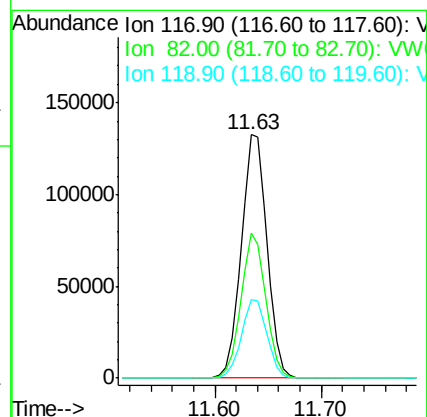
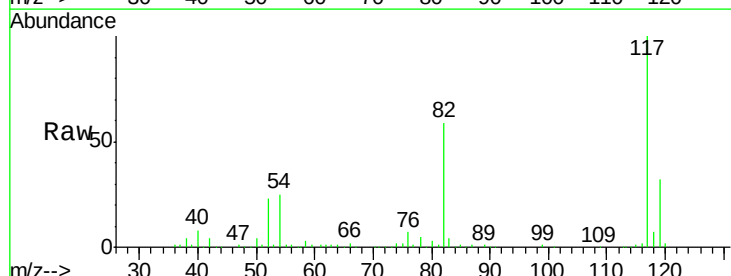
Tgt Ion: 117 Resp: 224701

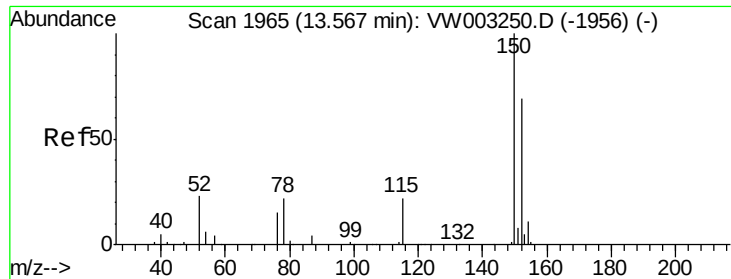
Ion Ratio Lower Upper

117 100

82 59.4 44.6 67.0

119 32.1 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: VW003617.D

Acq: 27 Jun 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(95-97)

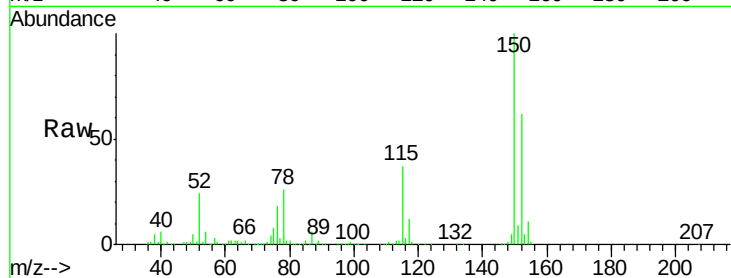
Tot Ion:152 Resp: 107762

Ion Ratio Lower Upper

152 100

115 58.4 29.3 88.0

150 158.3 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

