

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003588.D
 Acq On : 27 Jun 2018 00:31
 Operator : SY/AP
 Sample : J3665-03
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(110-112)

Quant Time: Jun 27 08:07:35 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

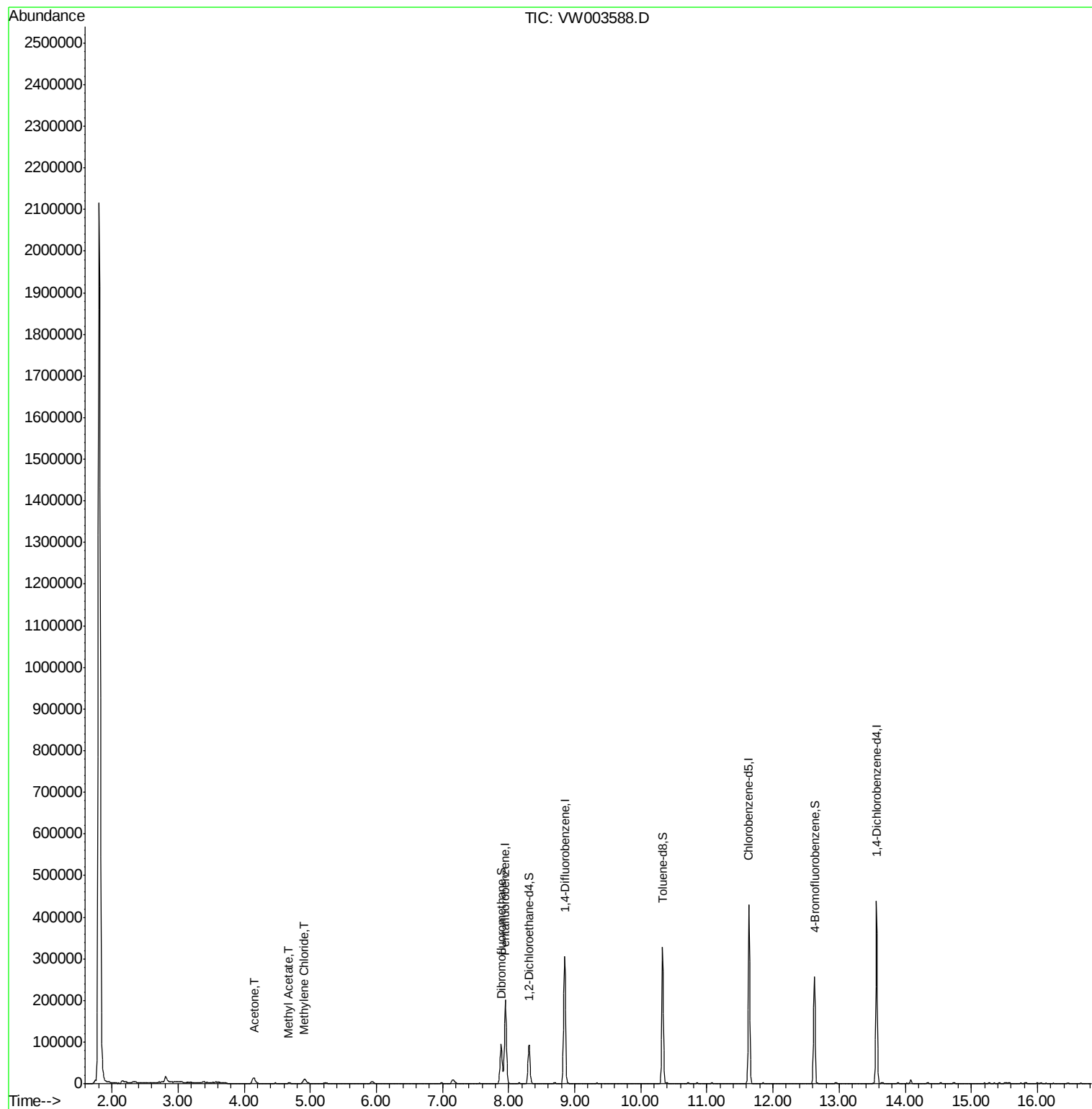
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	240532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	225279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	105448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75024	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	66024	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
50) Toluene-d8	10.33	98	208153	35.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.24%	
62) 4-Bromofluorobenzene	12.63	95	73015	34.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.62%	
Target Compounds						
16) Acetone	4.14	43	28817	88.74	ug/l	97
18) Methyl Acetate	4.67	43	2672	3.47	ug/l #	85
20) Methylene Chloride	4.91	84	7432	1.85	ug/l	98

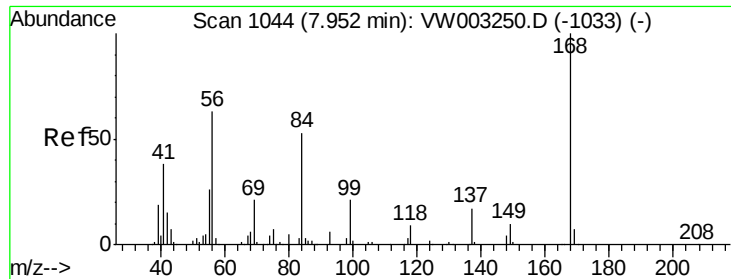
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003588.D

Acq: 27 Jun 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

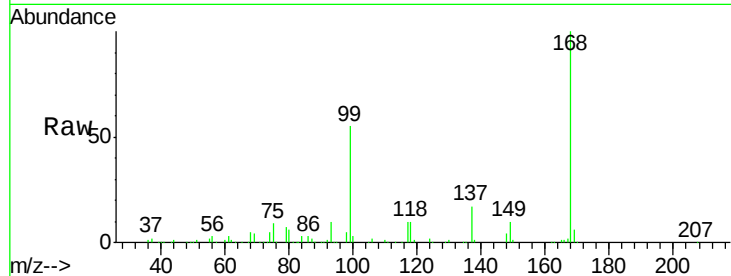
EPE-105-4(110-112)

Tot Ion:168 Resp: 142952

Ion Ratio Lower Upper

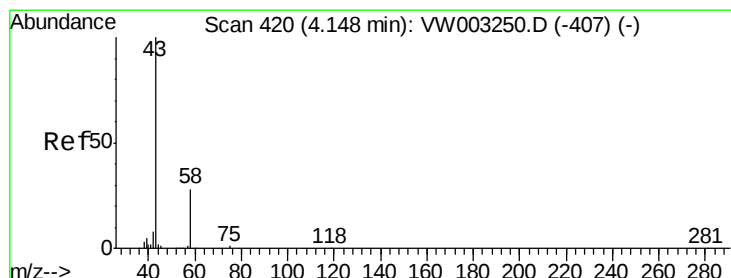
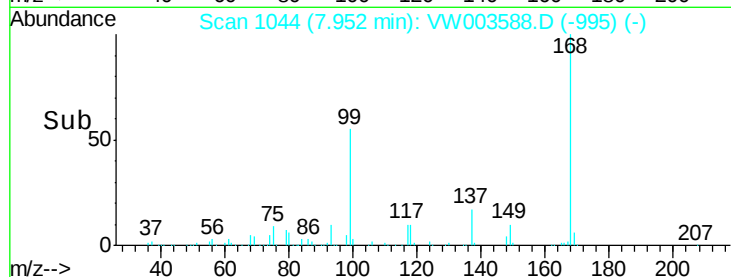
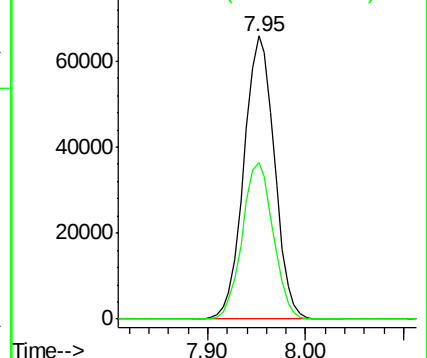
168 100

99 55.2 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: 88.74 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003588.D

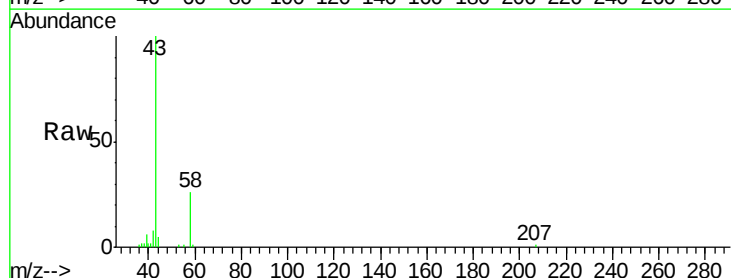
Acq: 27 Jun 2018 00:31

Tgt Ion: 43 Resp: 28817

Ion Ratio Lower Upper

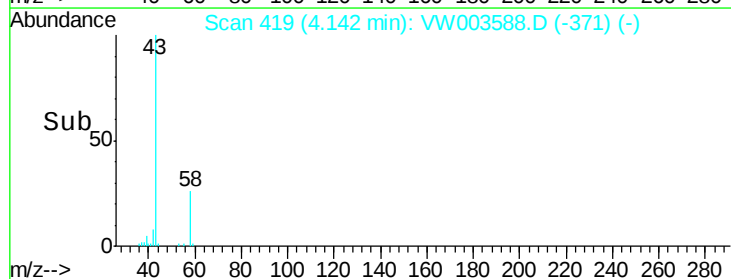
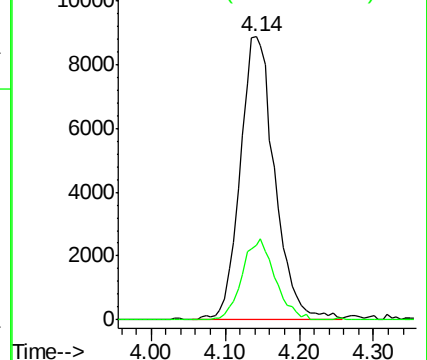
43 100

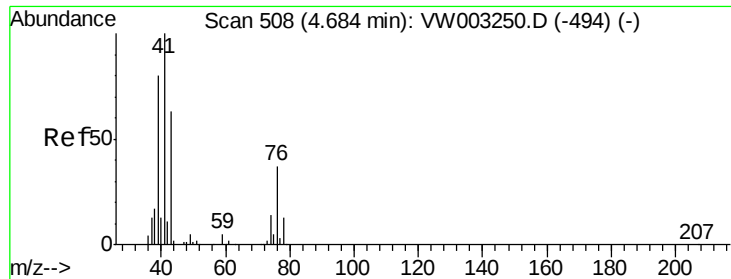
58 26.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

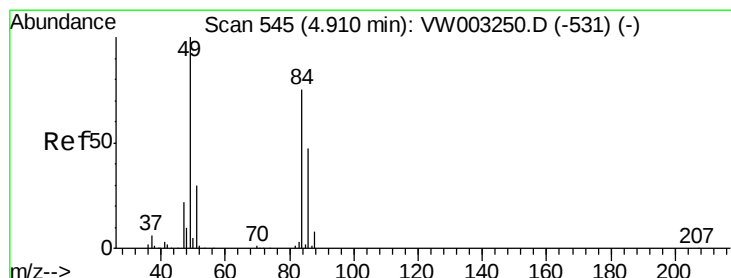
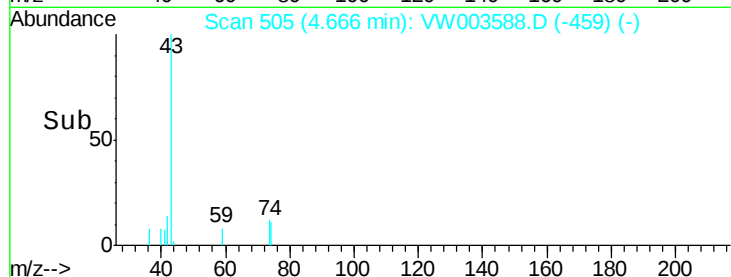
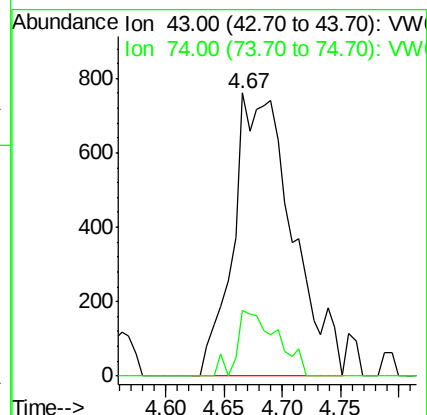
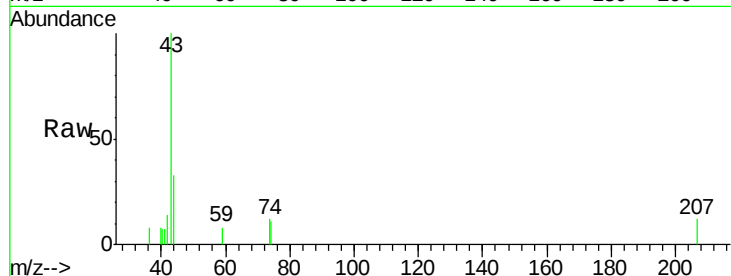




#18
Methyl Acetate
Concen: 3.47 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.02 min
Lab File: VW003588.D
Acq: 27 Jun 2018 00:31

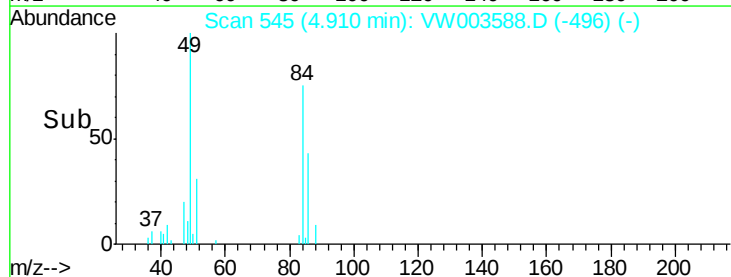
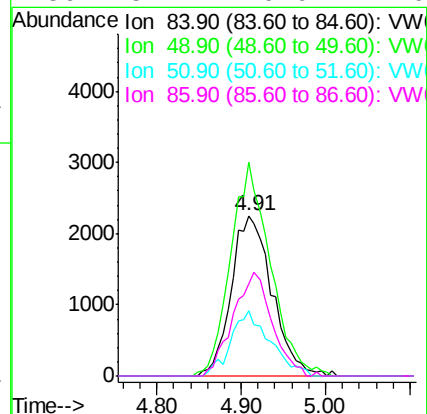
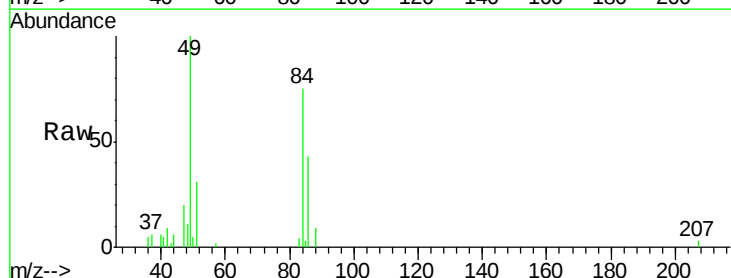
Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(110-112)

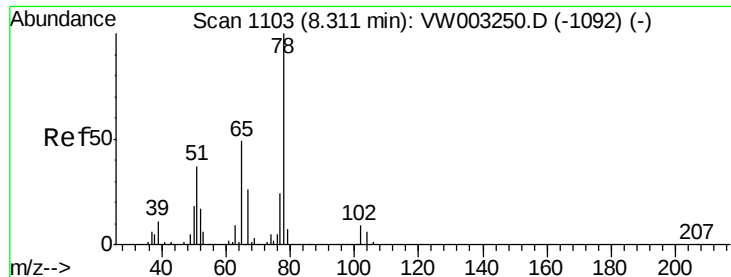
Tot Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
74 16.1 18.7 28.1#



#20
Methylene Chloride
Concen: 1.85 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003588.D
Acq: 27 Jun 2018 00:31

Tgt Ion: 84 Resp: 7432
Ion Ratio Lower Upper
84 100
49 133.2 106.3 159.5
51 41.0 32.0 48.0
86 57.4 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 48.45 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003588.D

Acq: 27 Jun 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

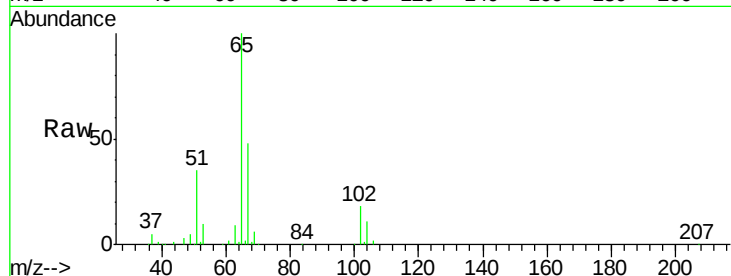
EPE-105-4(110-112)

Tot Ion: 65 Resp: 75024

Ion Ratio Lower Upper

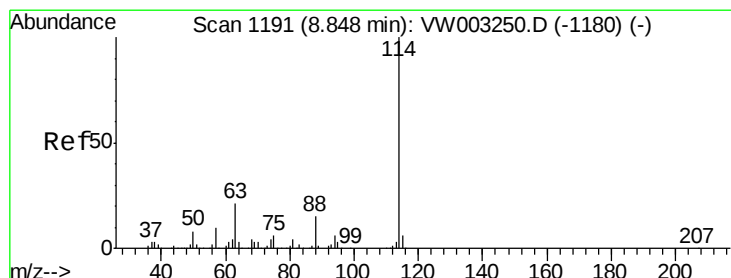
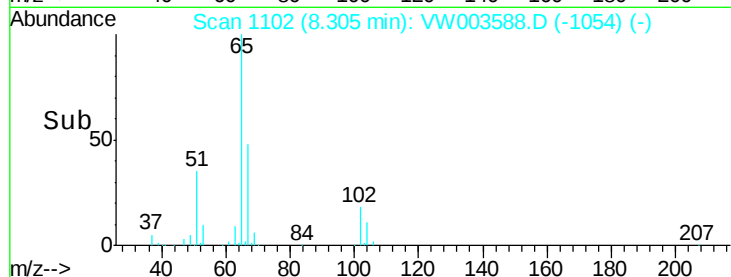
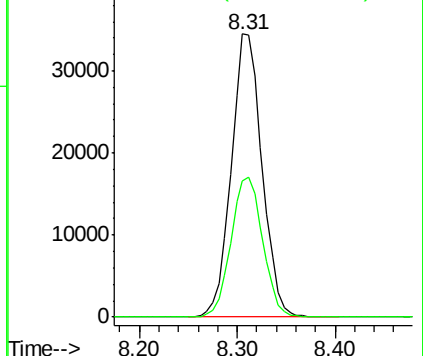
65 100

67 50.9 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: VW003588.D

Acq: 27 Jun 2018 00:31

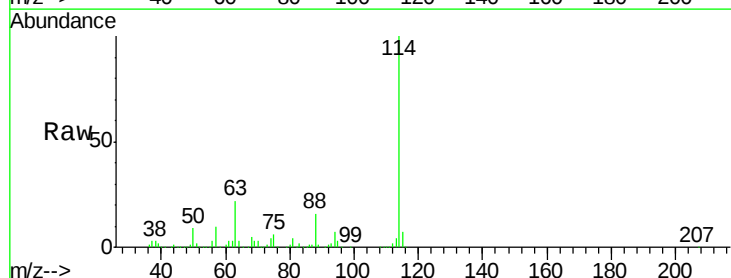
Tgt Ion: 114 Resp: 240532

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

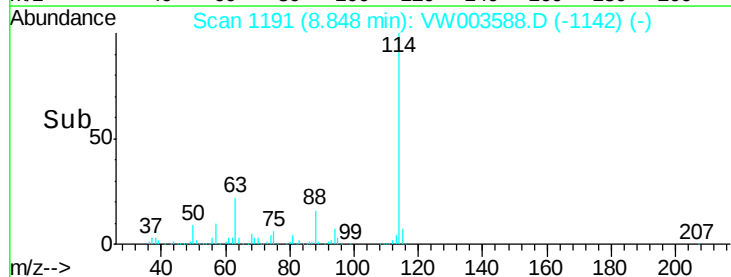
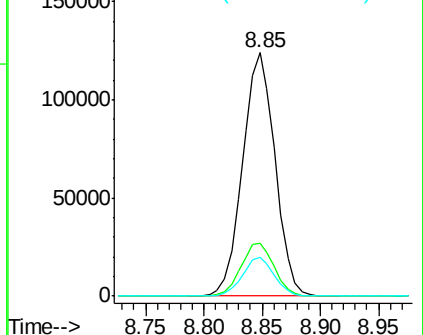
88 16.1 0.0 29.6

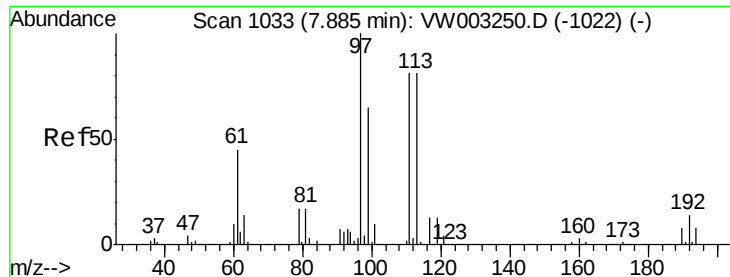


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

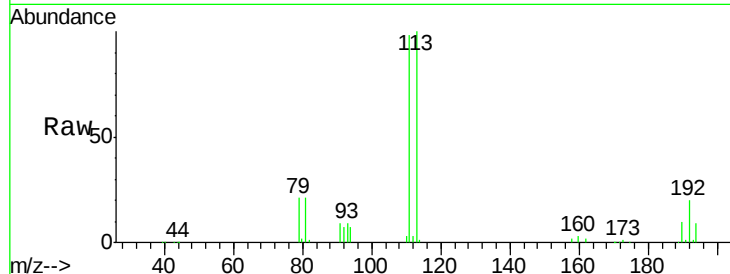




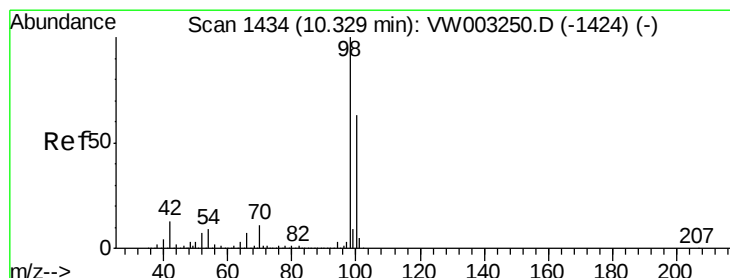
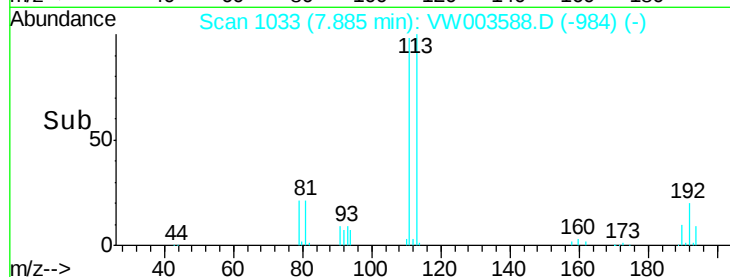
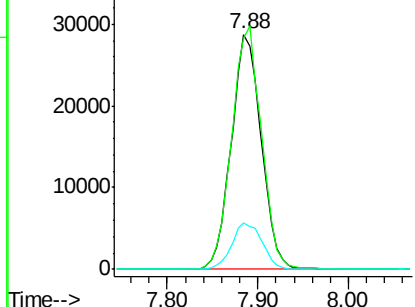
#35
 Dibromofluoromethane
 Concen: 44.18 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003588.D
 Acq: 27 Jun 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(110-112)

Tot Ion:113 Resp: 66024
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 20.0 16.2 24.2

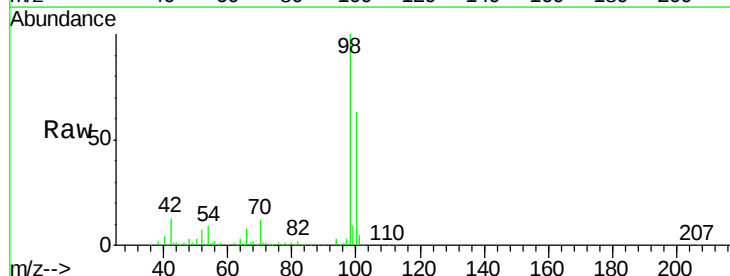


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

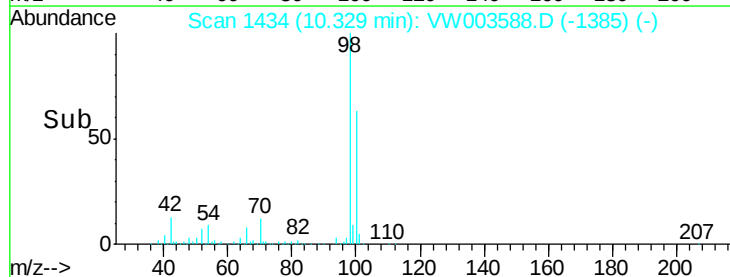
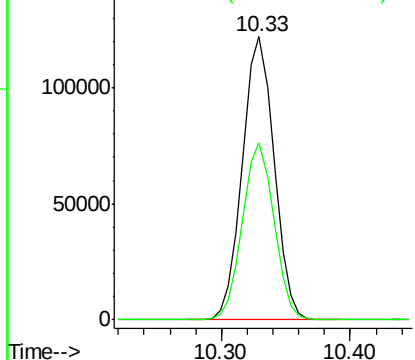


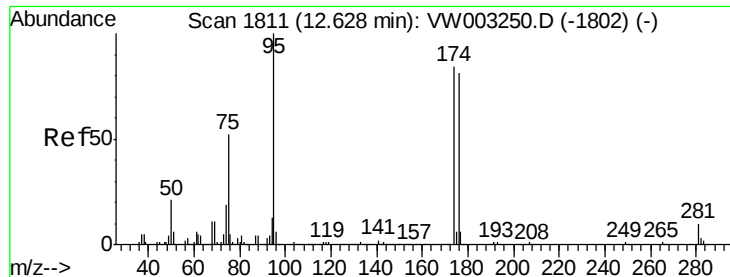
#50
 Toluene-d8
 Concen: 35.12 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003588.D
 Acq: 27 Jun 2018 00:31

Tgt Ion: 98 Resp: 208153
 Ion Ratio Lower Upper
 98 100
 100 62.1 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: 34.81 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003588.D

Acq: 27 Jun 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(110-112)

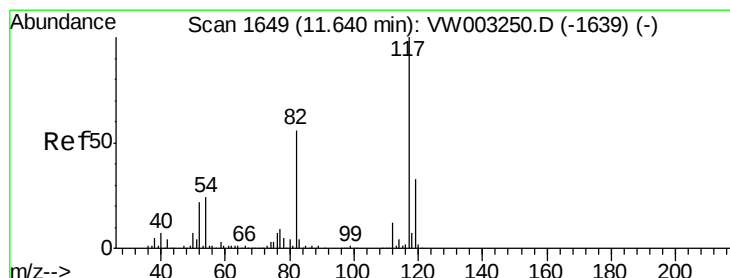
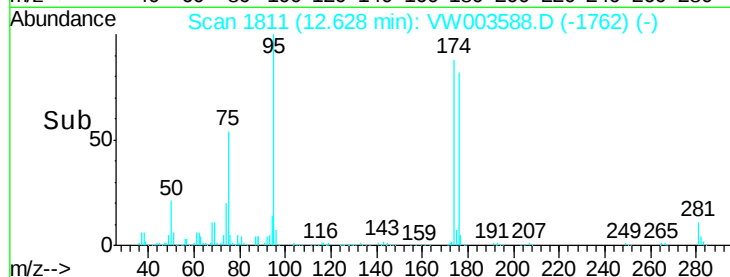
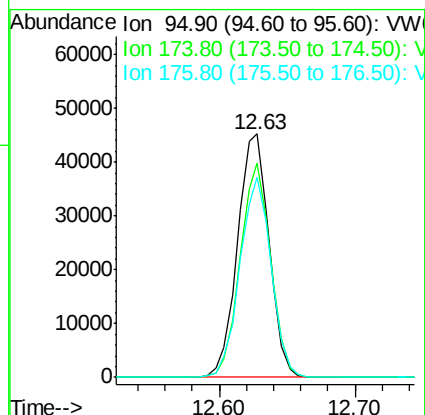
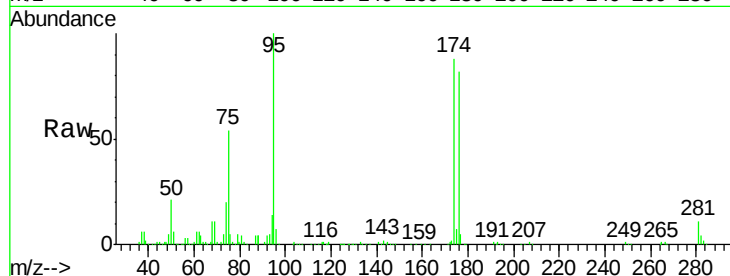
Tot Ion: 95 Resp: 73015

Ion Ratio Lower Upper

95 100

174 85.2 0.0 166.4

176 81.0 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: VW003588.D

Acq: 27 Jun 2018 00:31

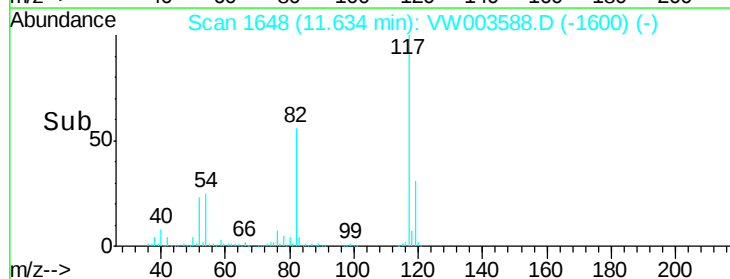
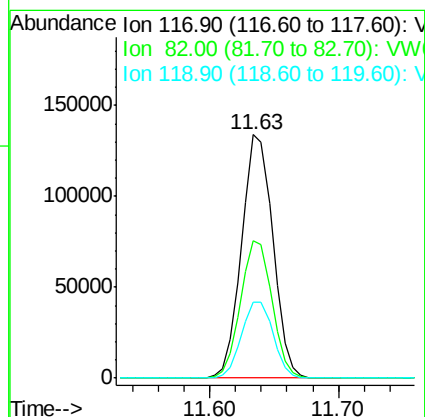
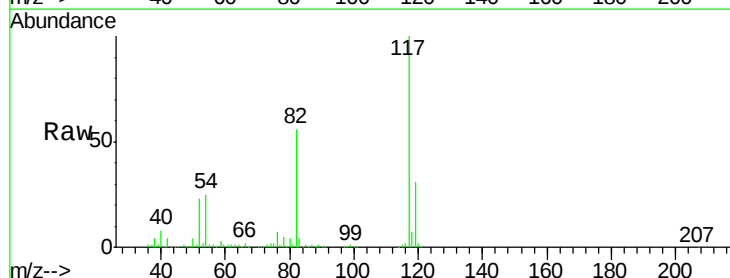
Tgt Ion: 117 Resp: 225279

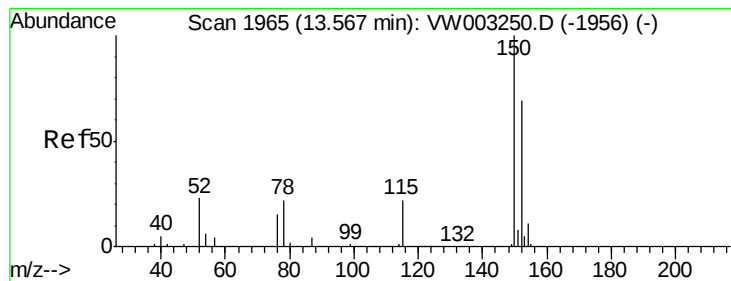
Ion Ratio Lower Upper

117 100

82 56.4 44.6 67.0

119 31.4 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: VW003588.D

Acq: 27 Jun 2018 00:31

Instrument :

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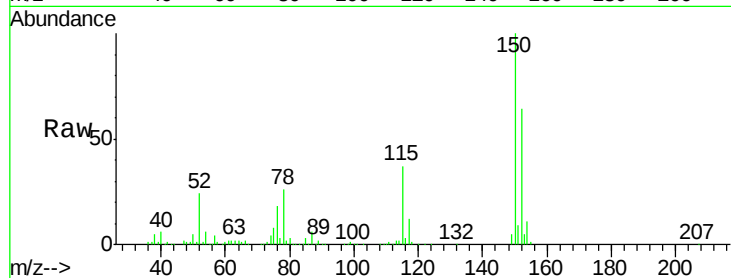
Tot Ion:152 Resp: 105448

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

150 160.0 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

