

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003582.D
 Acq On : 26 Jun 2018 21:57
 Operator : SY/AP
 Sample : J3632-02
 Misc : 7.03G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-105-4(65-67)

Quant Time: Jun 27 07:59:53 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

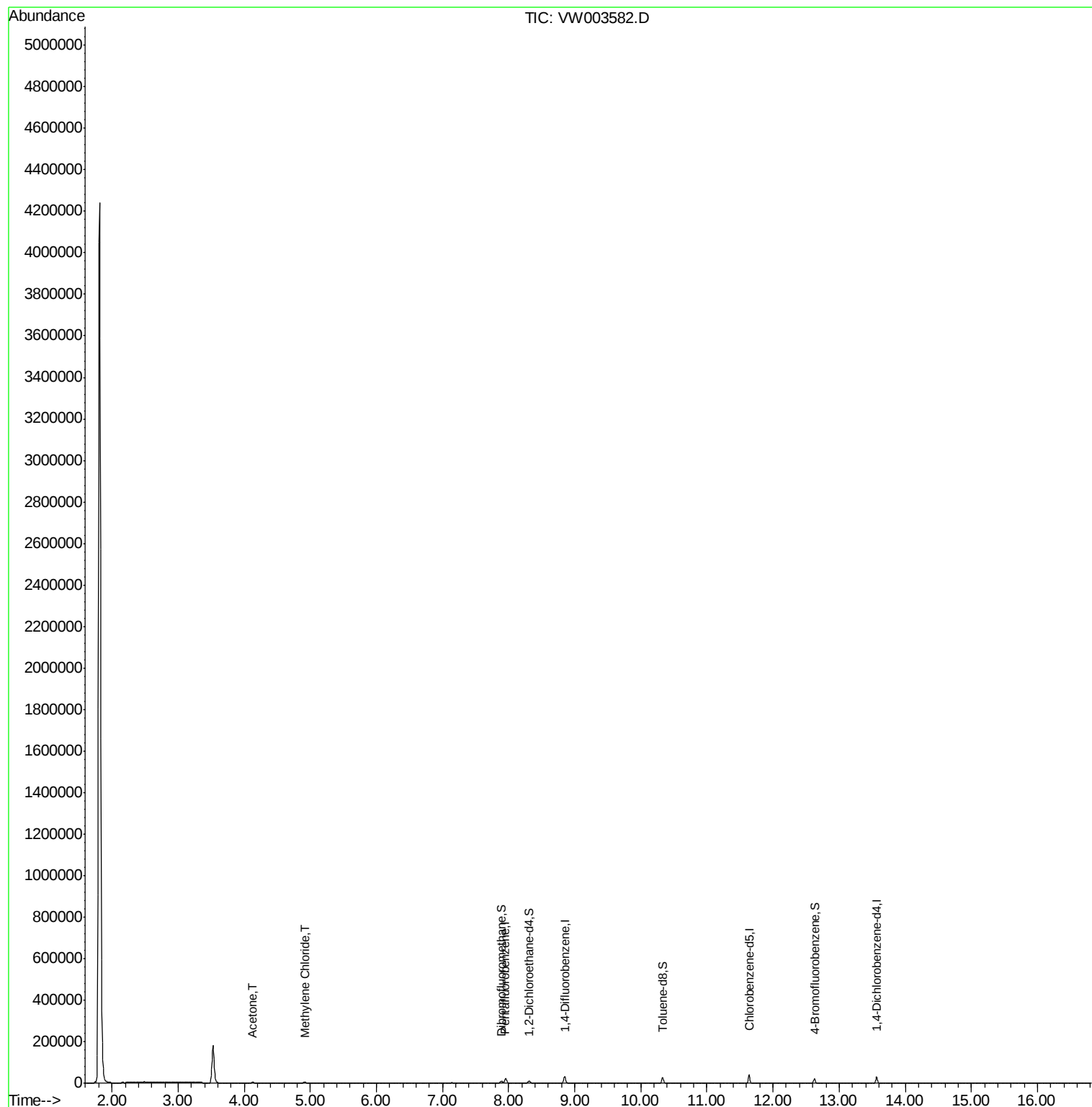
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	23576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	21593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	8127	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.89	113	6779	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	10.33	98	17883	30.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.58%	
62) 4-Bromofluorobenzene	12.63	95	5426	26.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.80%	
Target Compounds						
16) Acetone	4.14	43	6666	184.11	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	2103	10.80	ug/l #	86

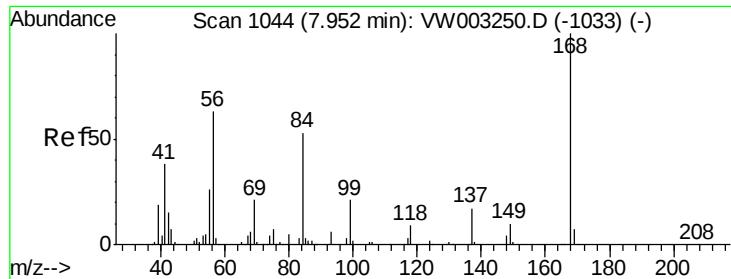
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

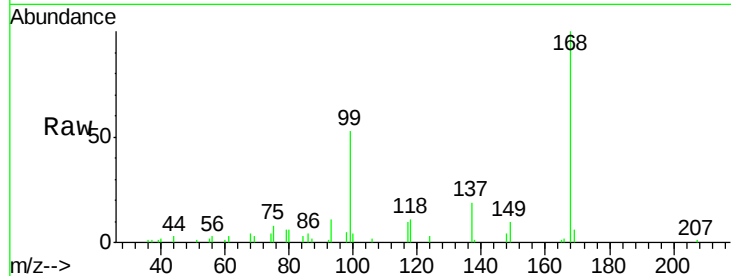
EPE-105-4(65-67)

Tot Ion:168 Resp: 15938

Ion Ratio Lower Upper

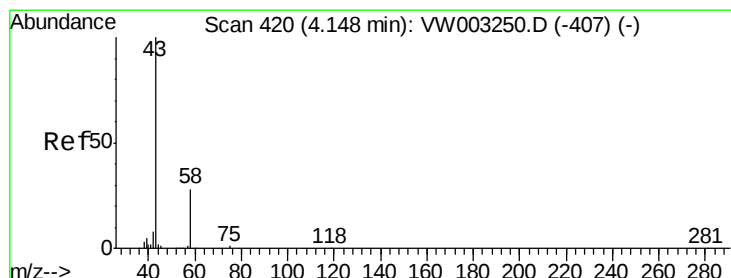
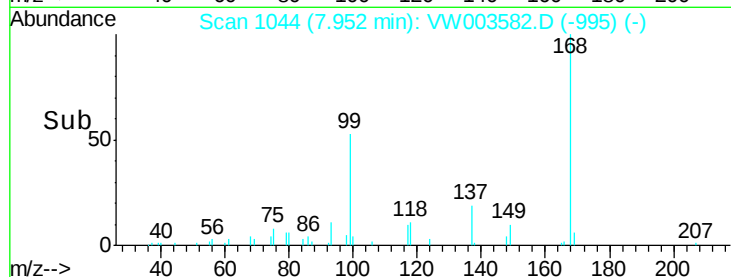
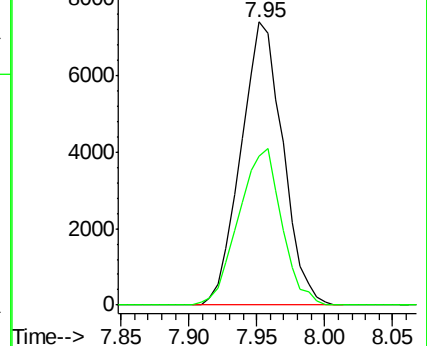
168 100

99 52.6 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: 184.11 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003582.D

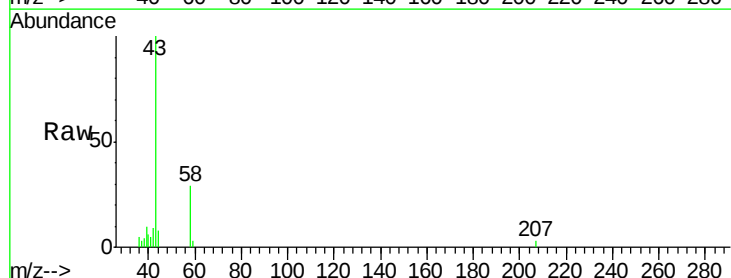
Acq: 26 Jun 2018 21:57

Tgt Ion: 43 Resp: 6666

Ion Ratio Lower Upper

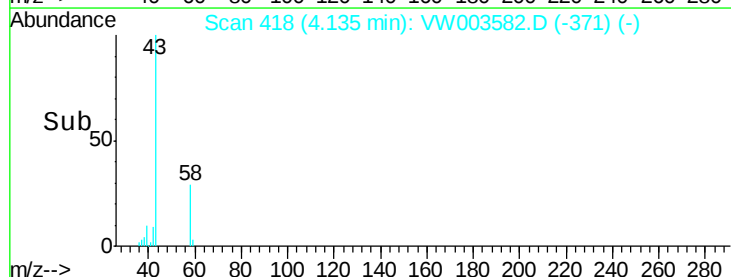
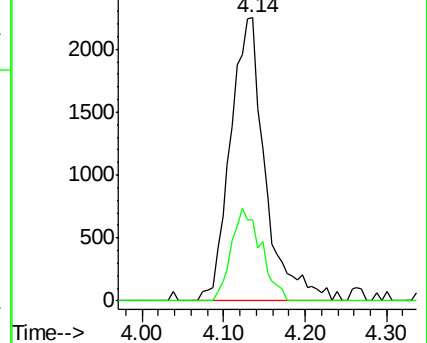
43 100

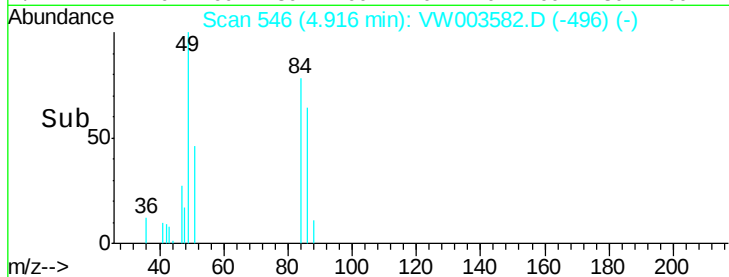
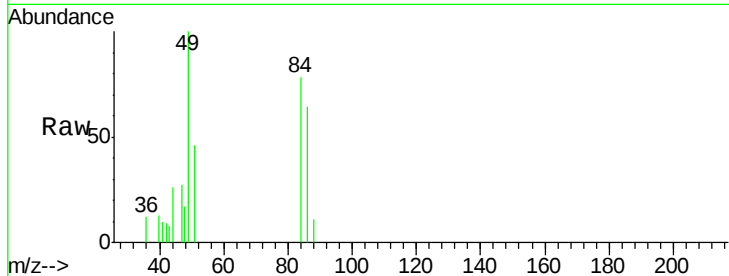
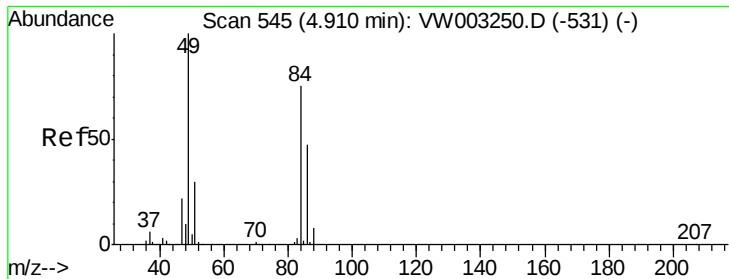
58 28.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 10.80 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(65-67)

Tot Ion: 84 Resp: 2103

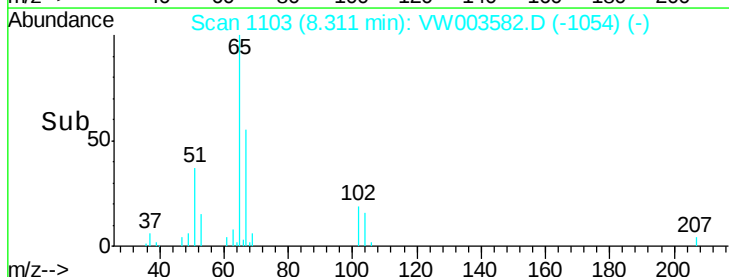
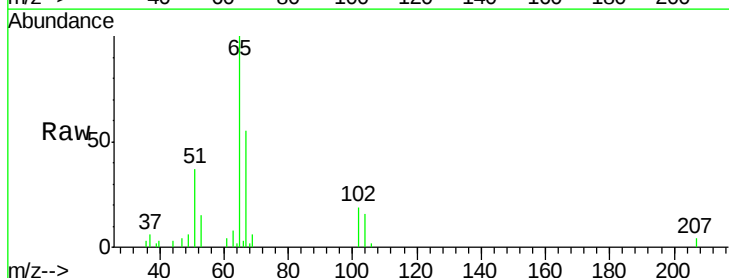
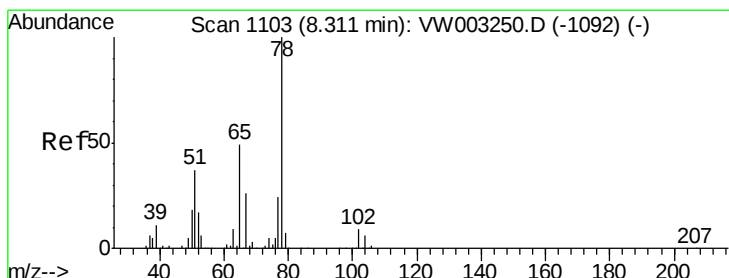
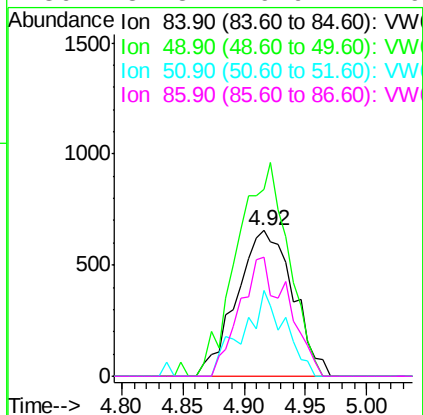
Ion Ratio Lower Upper

84 100

49 128.4 106.3 159.5

51 58.8 32.0 48.0#

86 81.8 49.9 74.9#



#33

1,2-Dichloroethane-d4

Concen: 47.08 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003582.D

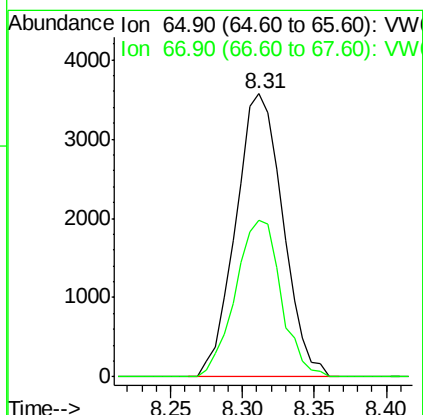
Acq: 26 Jun 2018 21:57

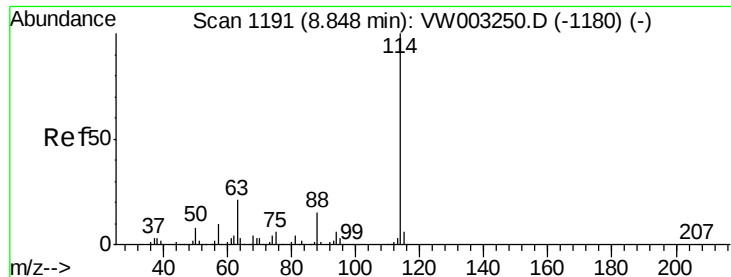
Tgt Ion: 65 Resp: 8127

Ion Ratio Lower Upper

65 100

67 53.5 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: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

EPE-105-4(65-67)

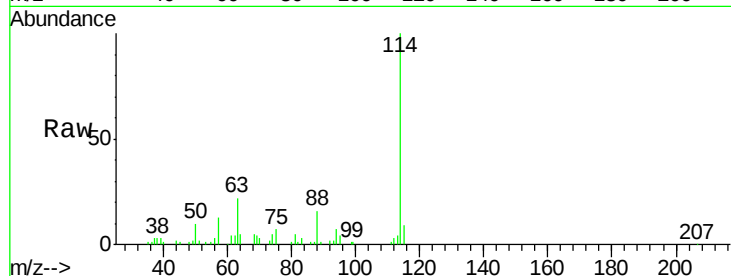
Tot Ion:114 Resp: 23576

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

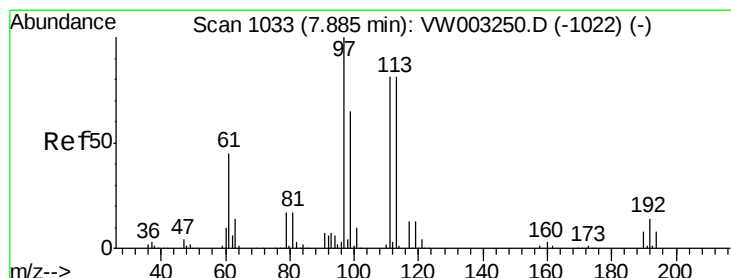
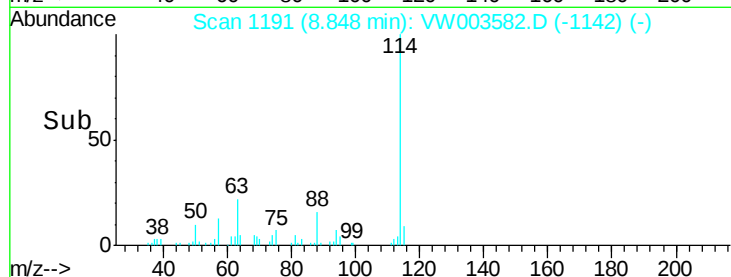
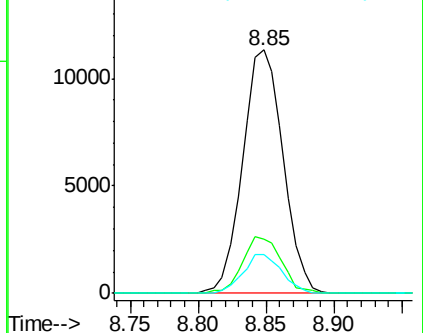
88 16.1 0.0 29.6



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: 46.27 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

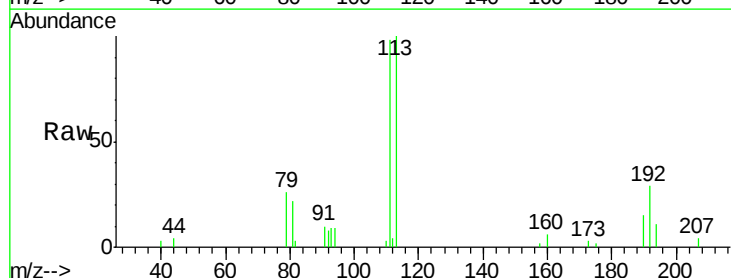
Tgt Ion:113 Resp: 6779

Ion Ratio Lower Upper

113 100

111 106.1 82.2 123.2

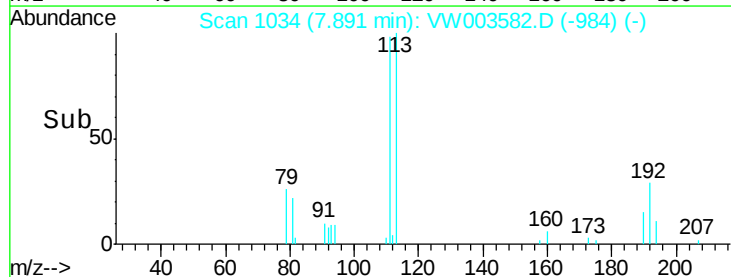
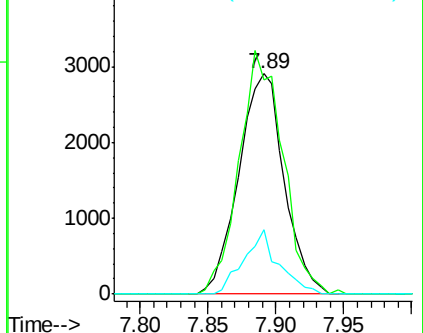
192 22.3 16.2 24.2

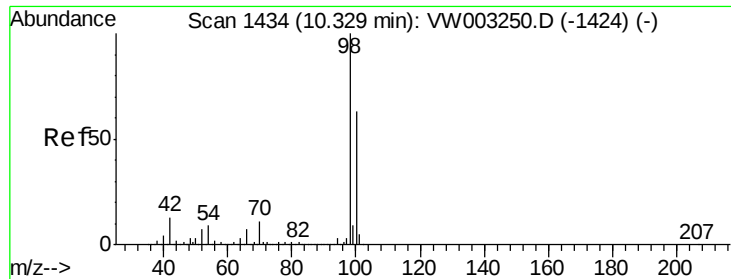


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 30.79 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

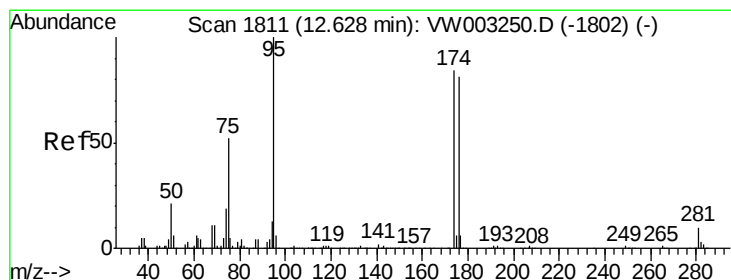
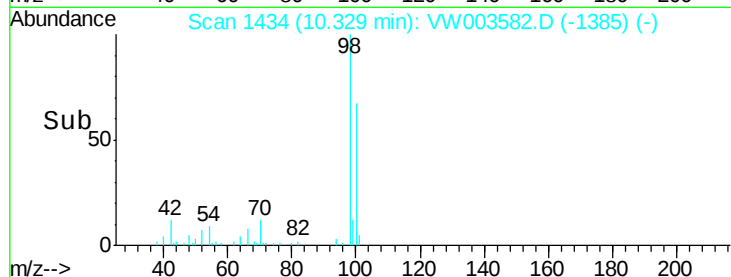
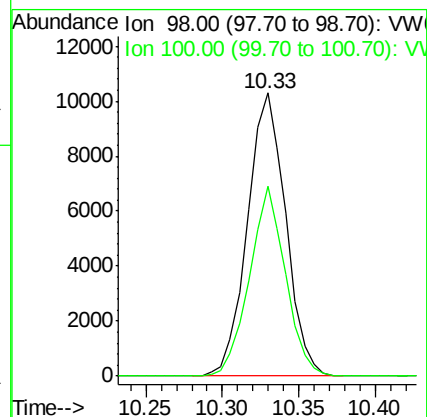
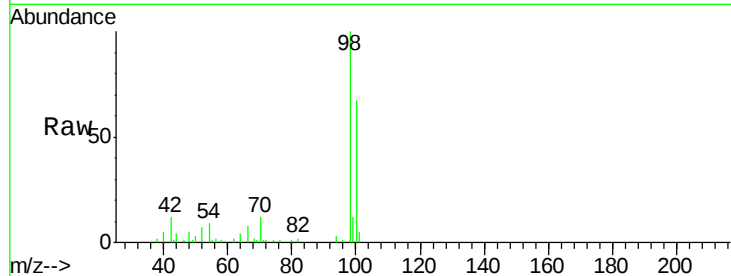
EPE-105-4(65-67)

Tot Ion: 98 Resp: 17883

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 26.40 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003582.D

Acq: 26 Jun 2018 21:57

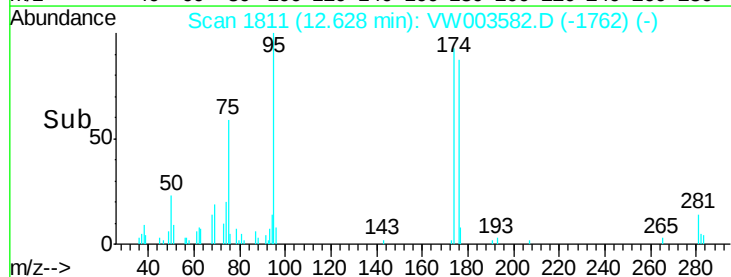
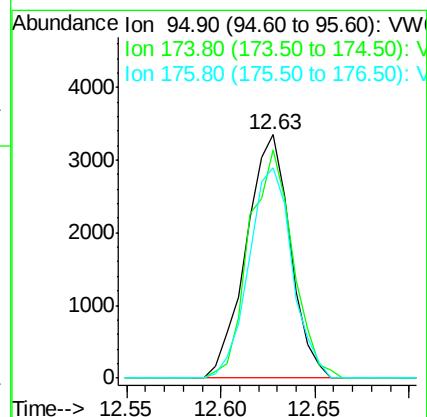
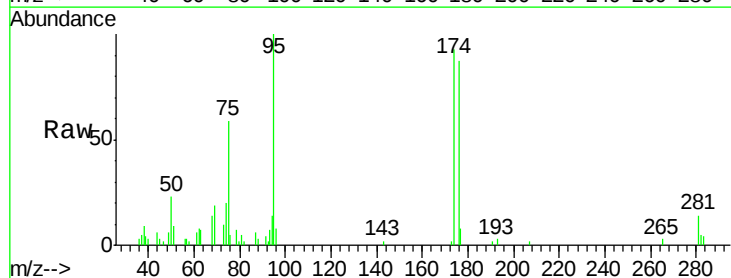
Tgt Ion: 95 Resp: 5426

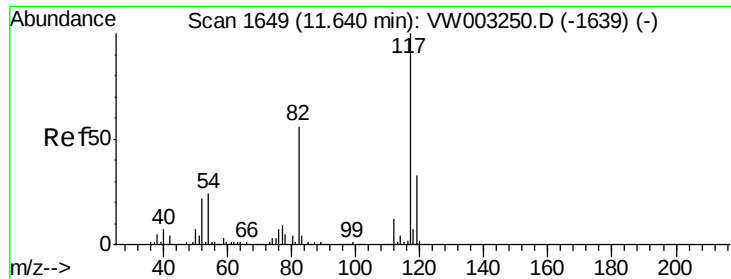
Ion Ratio Lower Upper

95 100

174 92.8 0.0 166.4

176 85.3 0.0 162.0

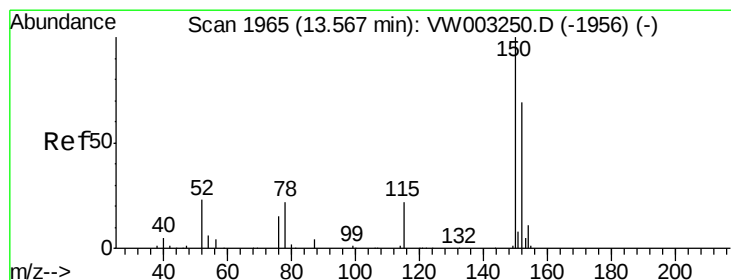
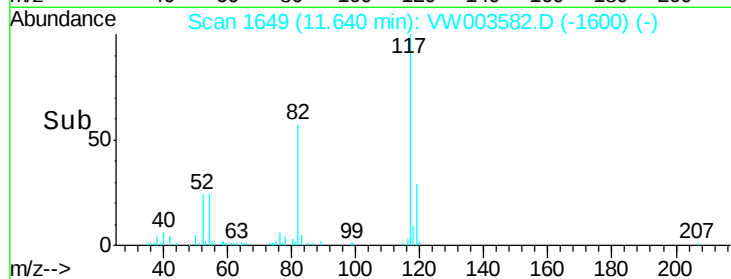
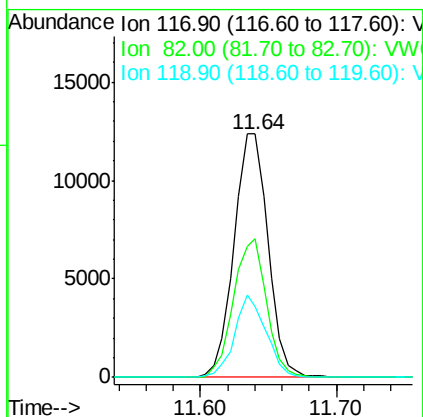
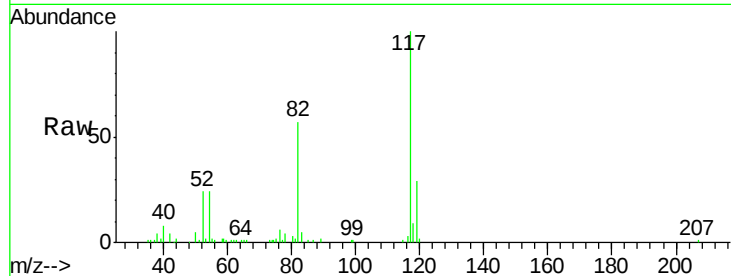




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003582.D
Acq: 26 Jun 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-105-4(65-67)

Tot Ion:117 Resp: 21593
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 29.0 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: VW003582.D
Acq: 26 Jun 2018 21:57

Tgt Ion:152 Resp: 8244
Ion Ratio Lower Upper
152 100
115 55.2 29.3 88.0
150 152.5 0.0 349.6

