

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003648.D
 Acq On : 28 Jun 2018 19:25
 Operator : SY/AP
 Sample : J3732-02RE
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-8(14-16)RE

Quant Time: Jun 29 08:09:13 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

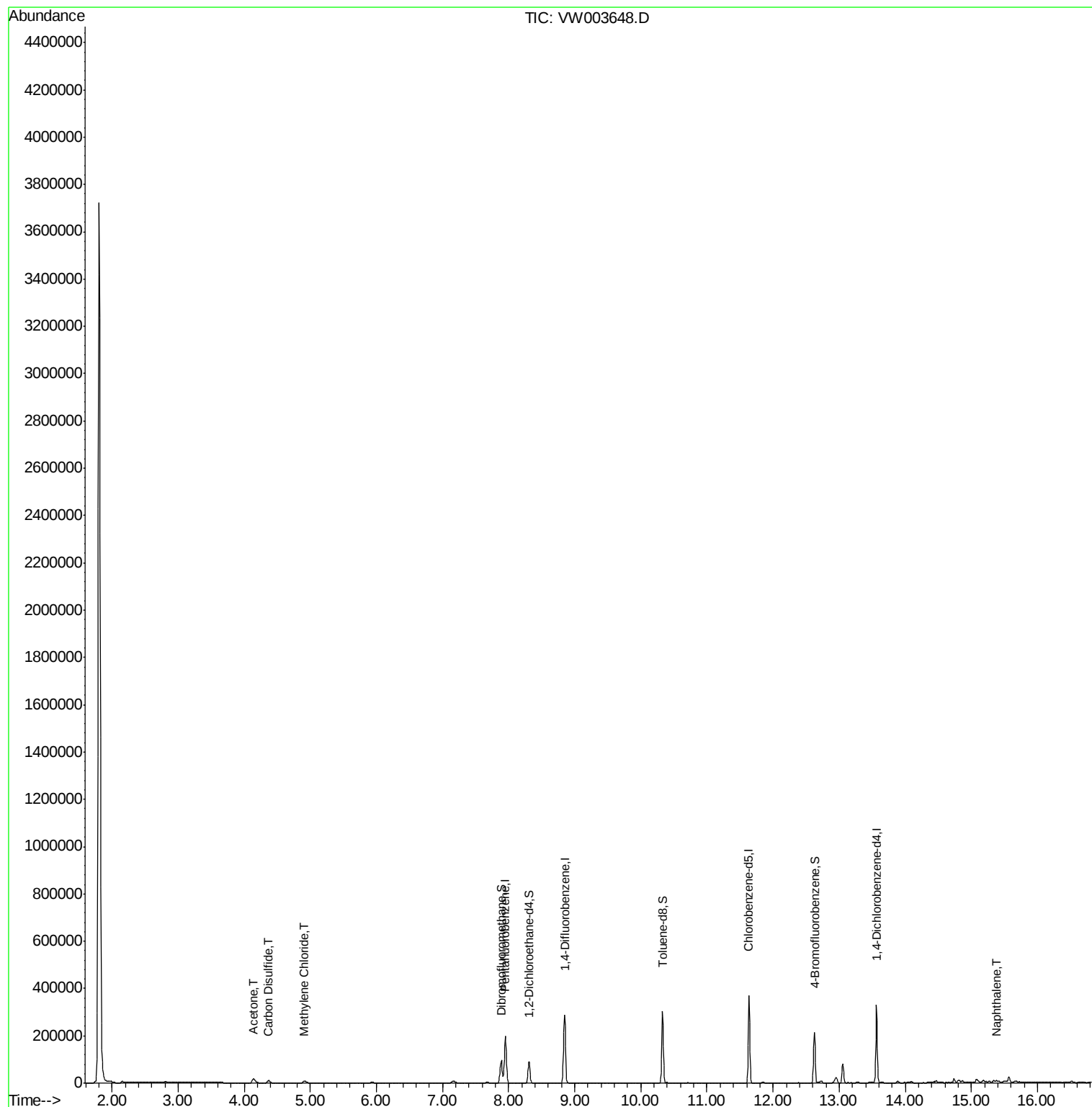
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	141950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	197637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	79587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71883	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	7.89	113	66923	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	10.33	98	194851	34.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.24%	
62) 4-Bromofluorobenzene	12.63	95	63756	31.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.10%	
Target Compounds						
16) Acetone	4.14	43	36609	113.53	ug/l	98
17) Carbon Disulfide	4.37	76	24094	6.34	ug/l	96
20) Methylene Chloride	4.91	84	6741	1.35	ug/l	90
95) Naphthalene	15.38	128	5300	1.92	ug/l #	94

(#) = 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: VW003648.D

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Instrument :

MSVOA_W

ClientSampleId :

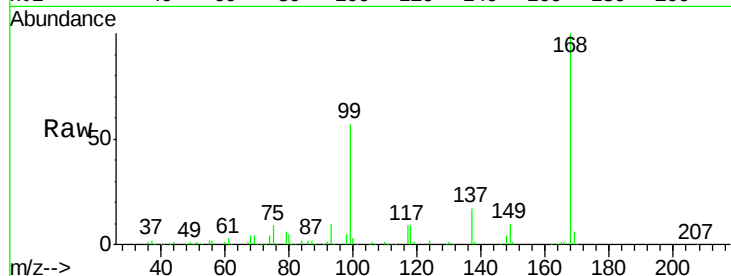
EPE-106-8(14-16)RE

Tot Ion:168 Resp: 141950

Ion Ratio Lower Upper

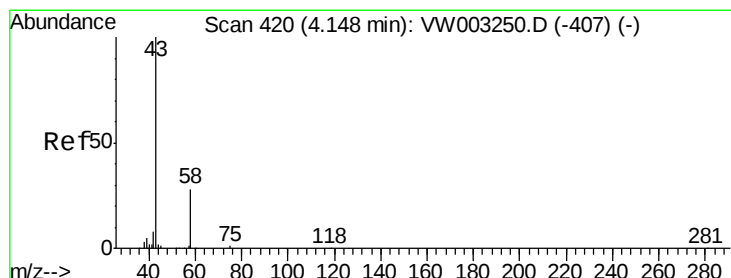
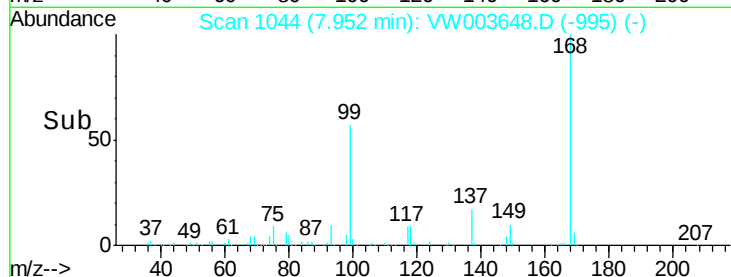
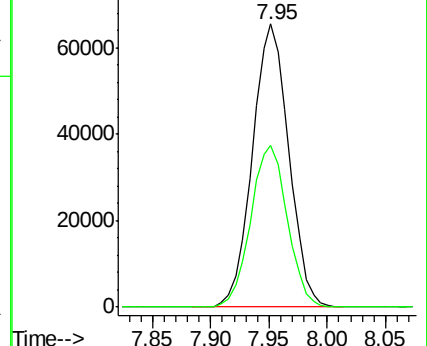
168 100

99 56.9 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: 113.53 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003648.D

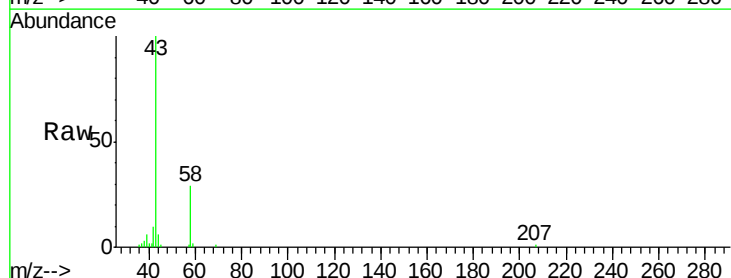
Acq: 28 Jun 2018 19:25

Tgt Ion: 43 Resp: 36609

Ion Ratio Lower Upper

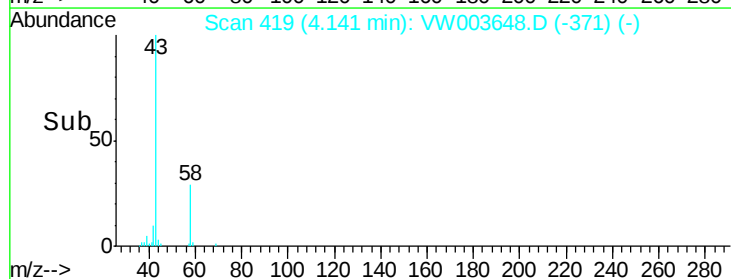
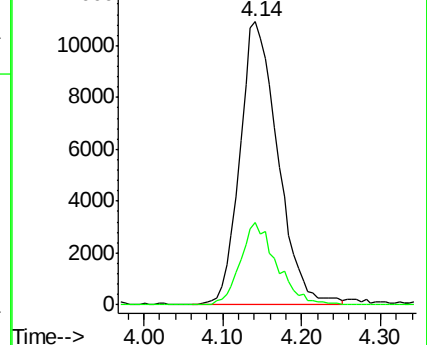
43 100

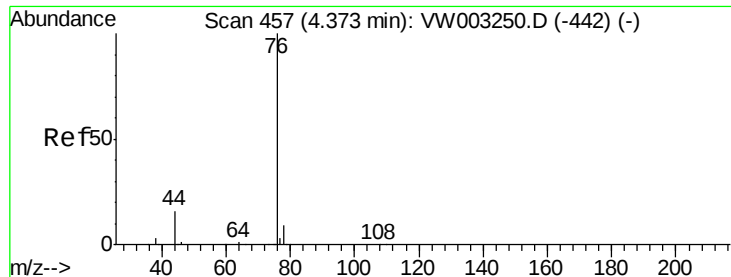
58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

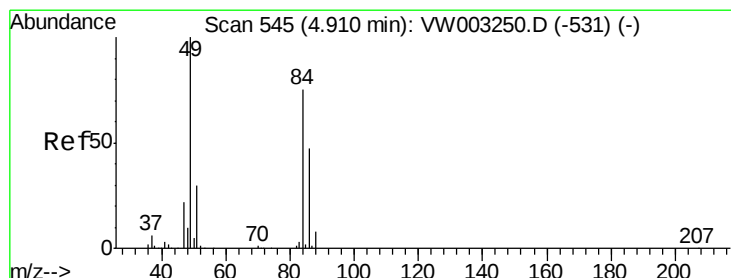
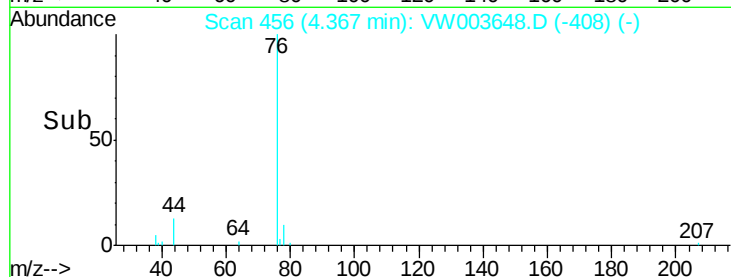
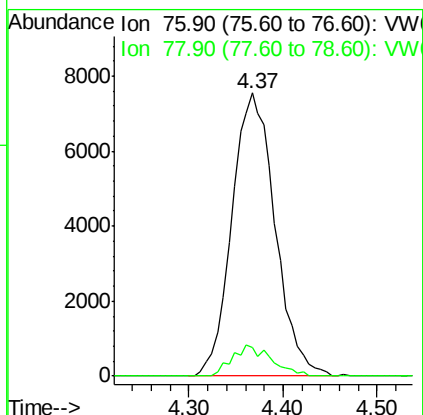
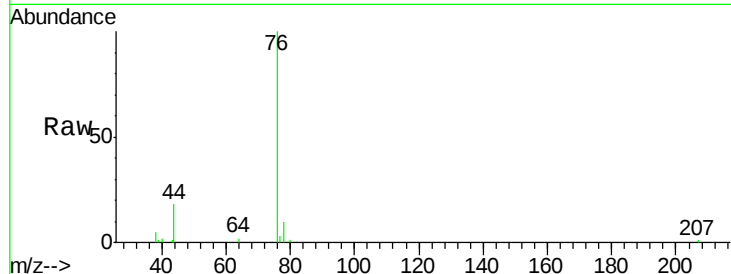




#17
Carbon Disulfide
Concen: 6.34 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003648.D
Acq: 28 Jun 2018 19:25

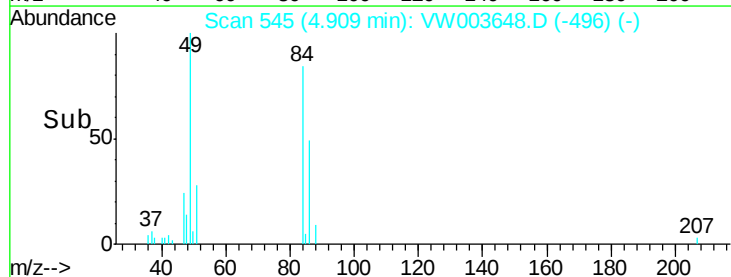
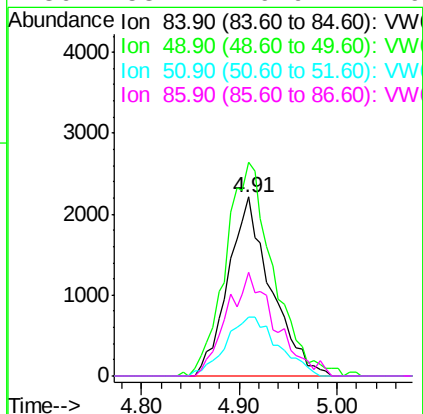
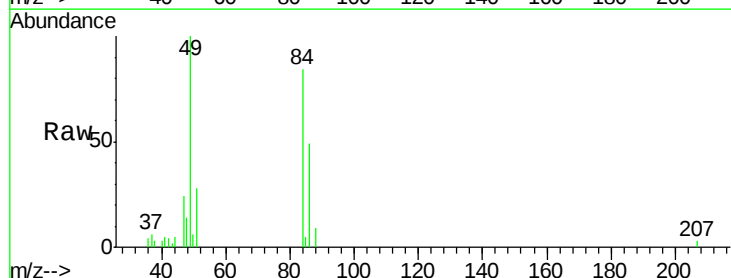
Instrument :
MSVOA_W
ClientSampleId :
EPE-106-8(14-16)RE

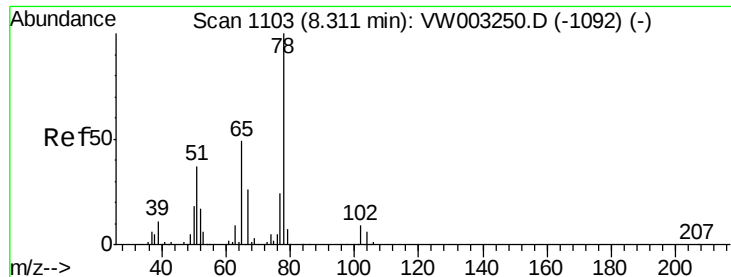
Tot Ion: 76 Resp: 24094
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



#20
Methylene Chloride
Concen: 1.35 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003648.D
Acq: 28 Jun 2018 19:25

Tgt Ion: 84 Resp: 6741
Ion Ratio Lower Upper
84 100
49 119.6 106.3 159.5
51 33.0 32.0 48.0
86 58.2 49.9 74.9

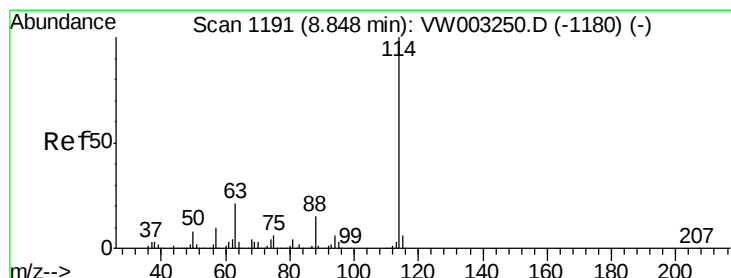
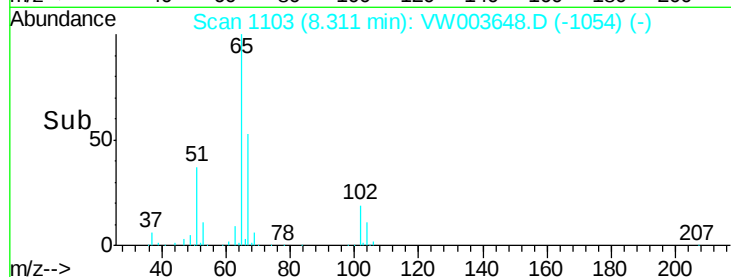
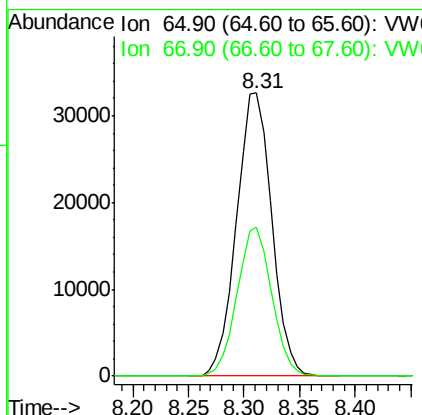
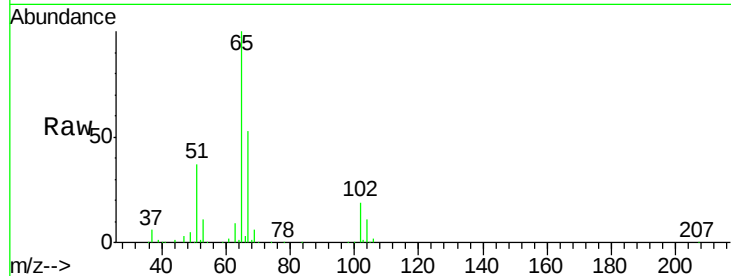




#33
 1,2-Dichloroethane-d4
 Concen: 46.75 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003648.D
 Acq: 28 Jun 2018 19:25

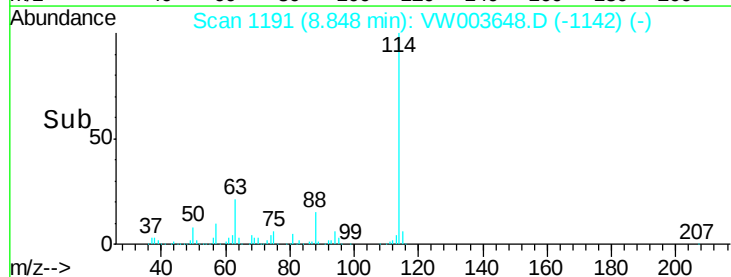
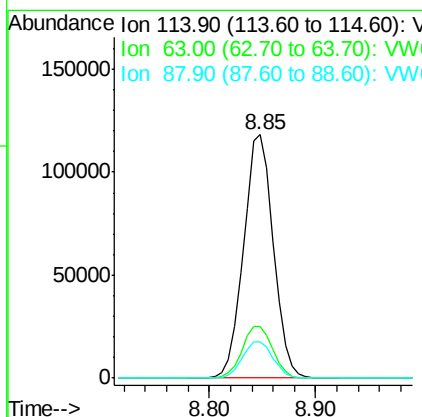
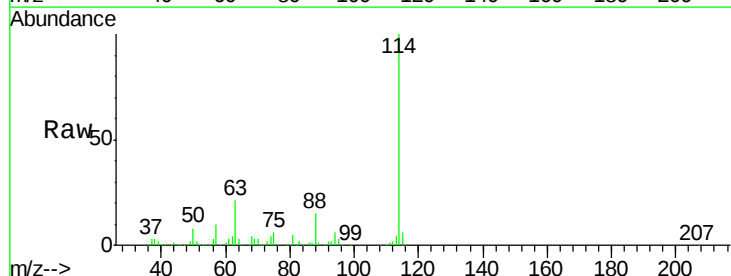
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-8(14-16)RE

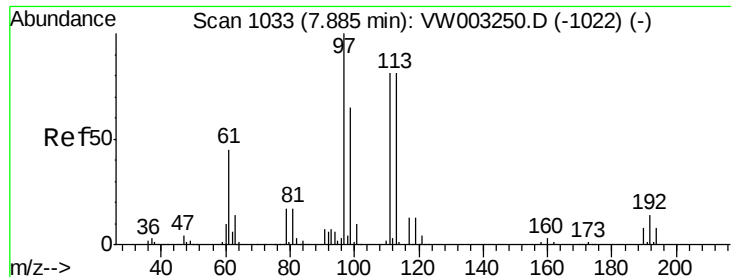
Tot Ion: 65 Resp: 71883
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003648.D
 Acq: 28 Jun 2018 19:25

Tgt Ion: 114 Resp: 231784
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 14.9 0.0 29.6

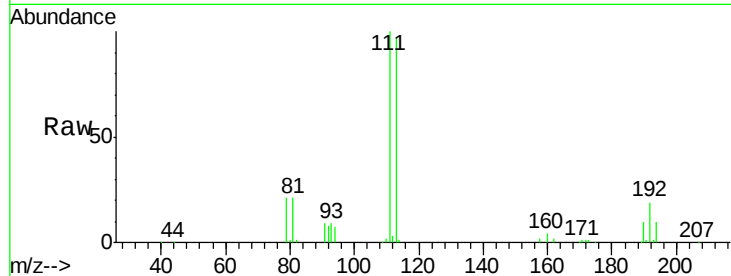




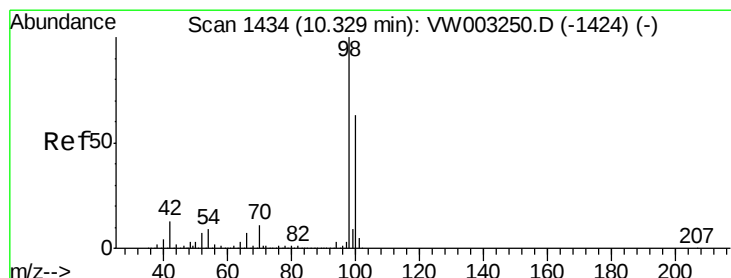
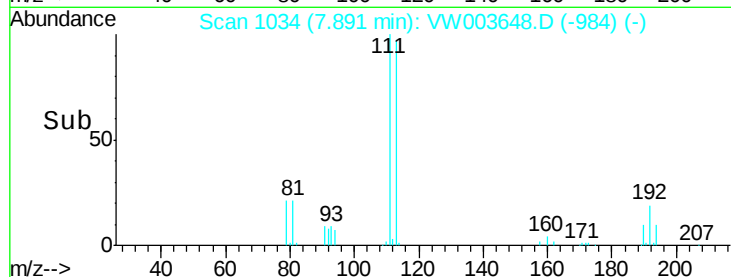
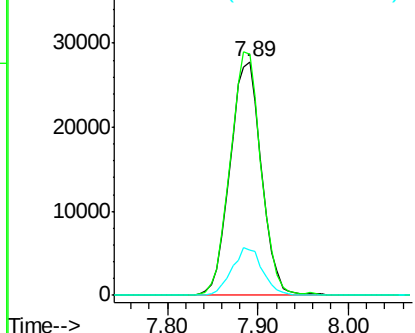
#35
 Dibromofluoromethane
 Concen: 46.47 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003648.D
 Acq: 28 Jun 2018 19:25

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-8(14-16)RE

Tot Ion:113 Resp: 66923
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 19.7 16.2 24.2

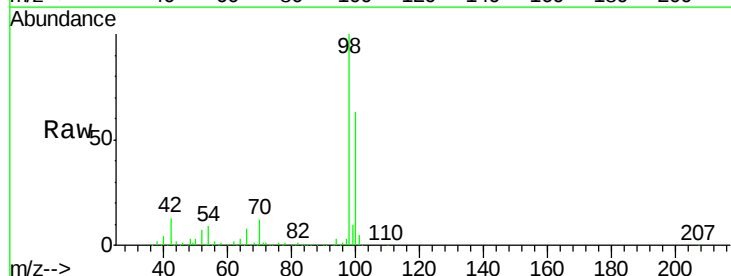


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

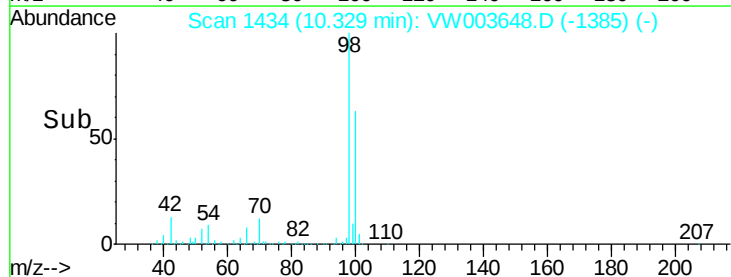
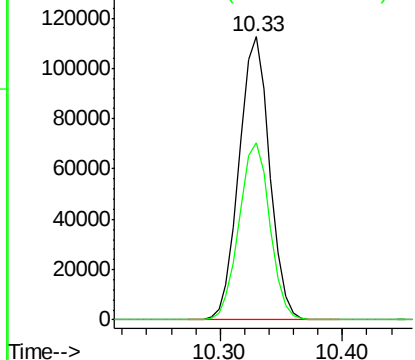


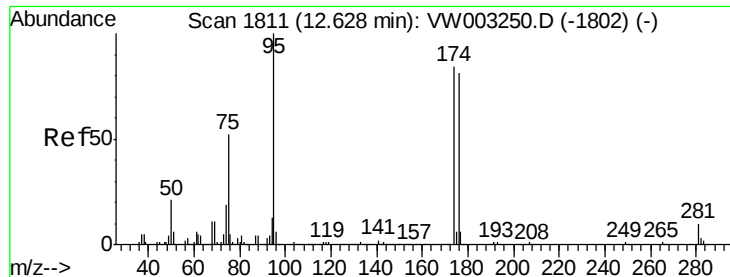
#50
 Toluene-d8
 Concen: 34.12 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW003648.D
 Acq: 28 Jun 2018 19:25

Tgt Ion: 98 Resp: 194851
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

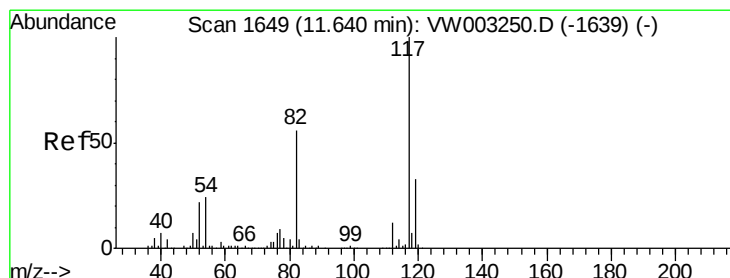
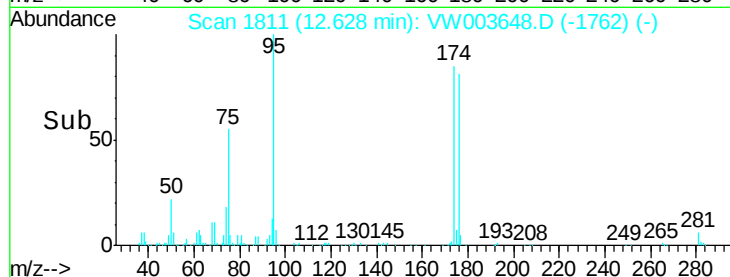
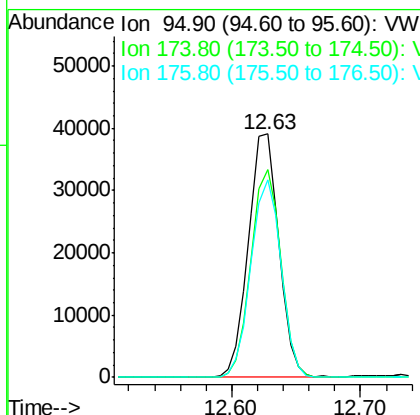
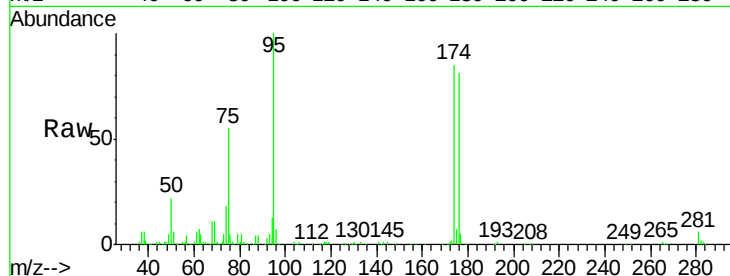




#62
4-Bromofluorobenzene
Concen: 31.55 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW003648.D
Acq: 28 Jun 2018 19:25

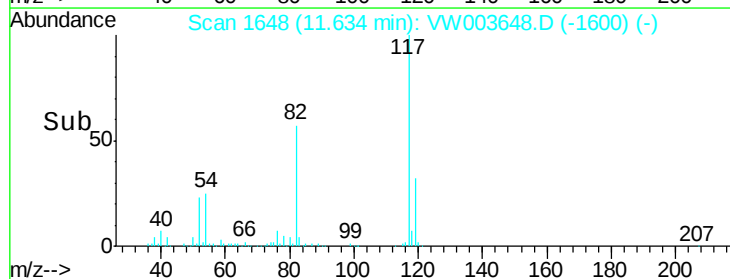
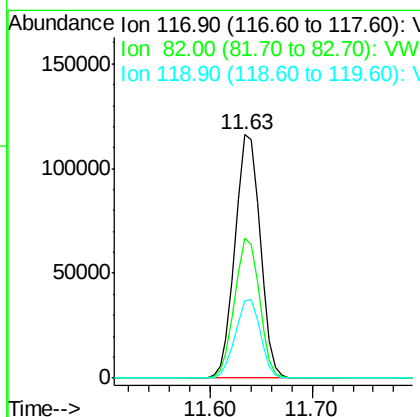
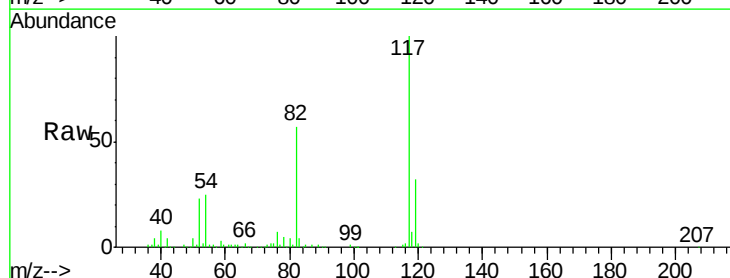
Instrument :
MSVOA_W
ClientSampleId :
EPE-106-8(14-16)RE

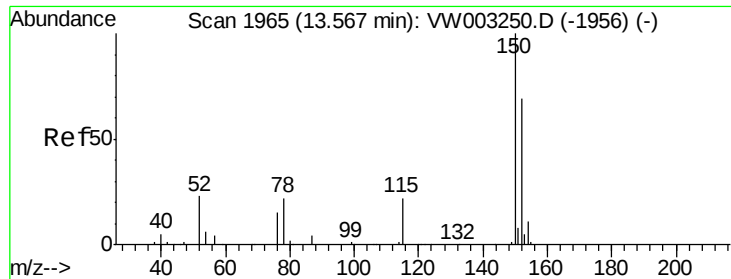
Tot Ion: 95 Resp: 63756
Ion Ratio Lower Upper
95 100
174 83.8 0.0 166.4
176 80.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003648.D
Acq: 28 Jun 2018 19:25

Tgt Ion: 117 Resp: 197637
Ion Ratio Lower Upper
117 100
82 57.4 44.6 67.0
119 31.9 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: VW003648.D

Acq: 28 Jun 2018 19:25

Instrument :

MSVOA_W

ClientSampleId :

EPE-106-8(14-16)RE

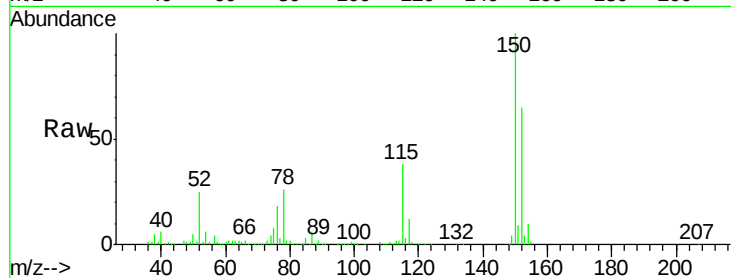
Tot Ion:152 Resp: 79587

Ion Ratio Lower Upper

152 100

115 59.2 29.3 88.0

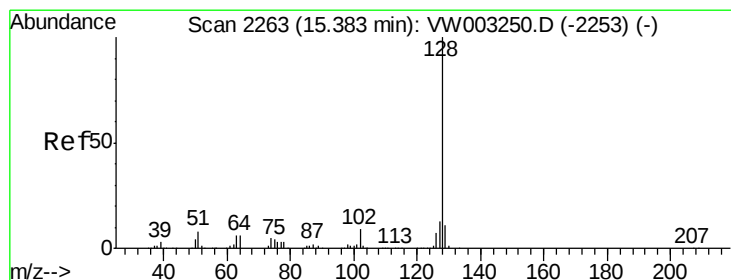
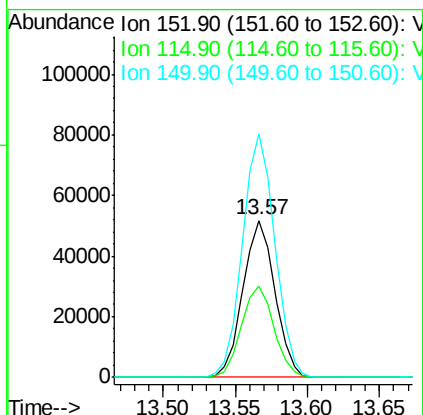
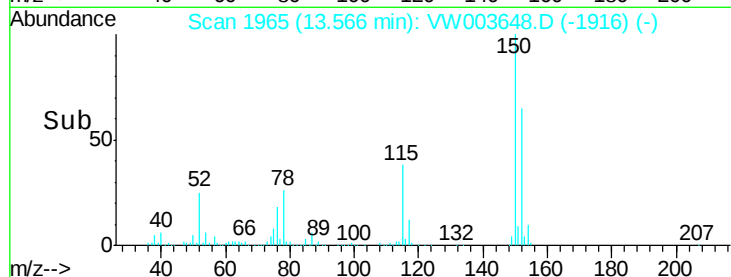
150 156.8 0.0 349.6



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



#95

Naphthalene

Concen: 1.92 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003648.D

Acq: 28 Jun 2018 19:25

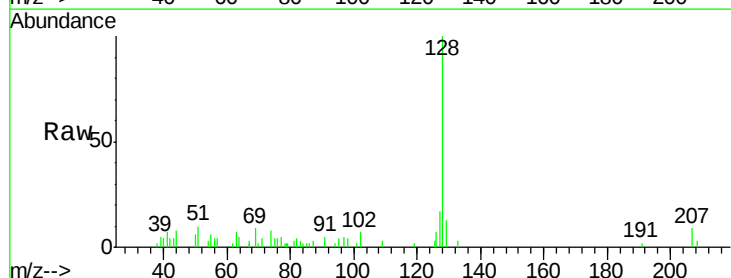
Tgt Ion:128 Resp: 5300

Ion Ratio Lower Upper

128 100

127 17.1 10.5 15.7#

129 12.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

