

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003645.D
 Acq On : 28 Jun 2018 18:07
 Operator : SY/AP
 Sample : J3732-02
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 29 08:02:34 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	140516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	231765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	199697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83985	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	70181	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
35) Dibromofluoromethane	7.88	113	62241	43.22	ug/l	0.00
Spiked Amount			Recovery	=	86.44%	
50) Toluene-d8	10.33	98	181543	31.79	ug/l	0.00
Spiked Amount			Recovery	=	63.58%	
62) 4-Bromofluorobenzene	12.63	95	62358	30.86	ug/l	0.00
Spiked Amount			Recovery	=	61.72%	

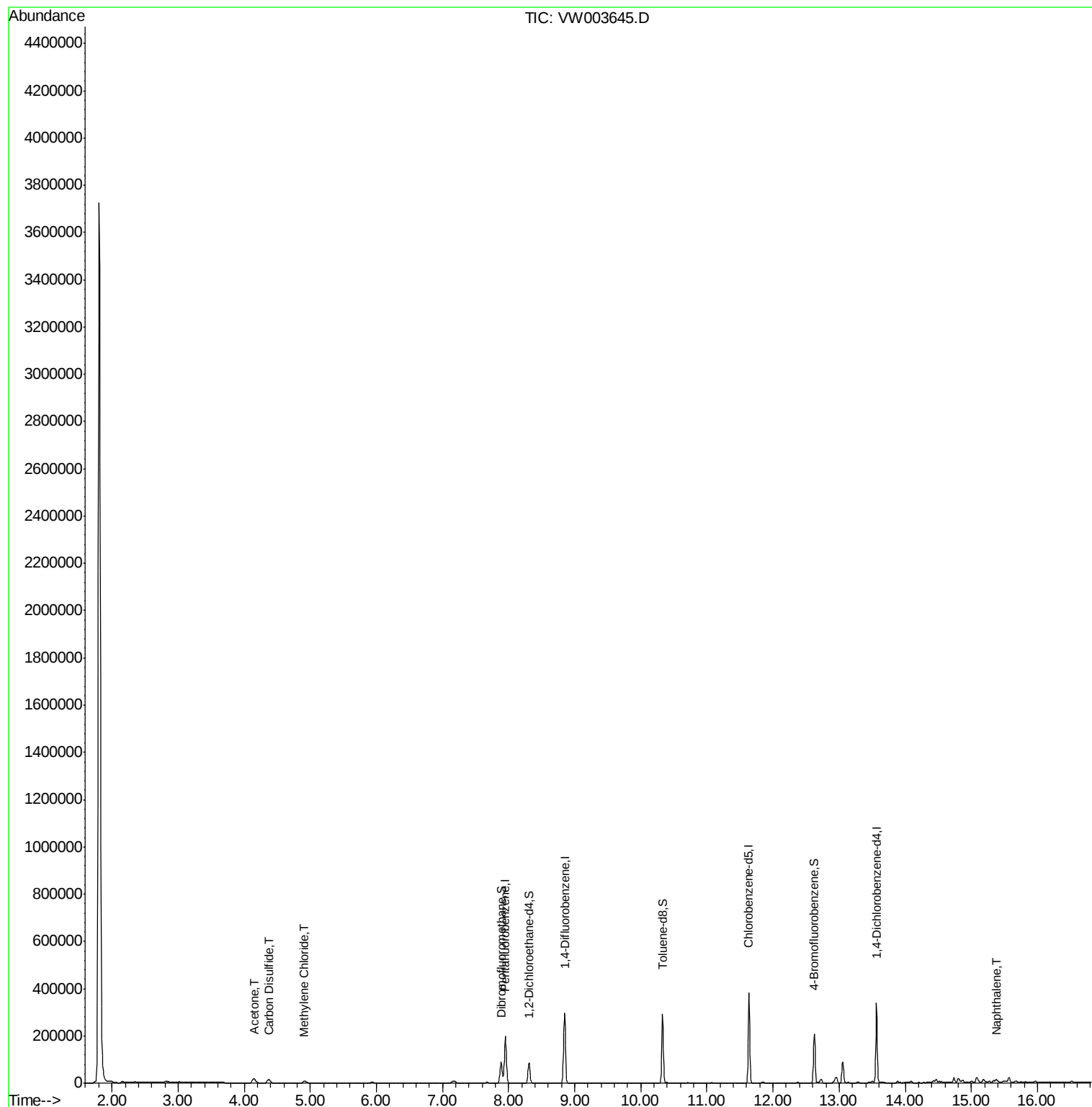
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	39384	123.38	ug/l	99
17) Carbon Disulfide	4.37	76	37984	10.10	ug/l	99
20) Methylene Chloride	4.90	84	6394	1.13	ug/l	99
95) Naphthalene	15.38	128	9054	3.11	ug/l	96

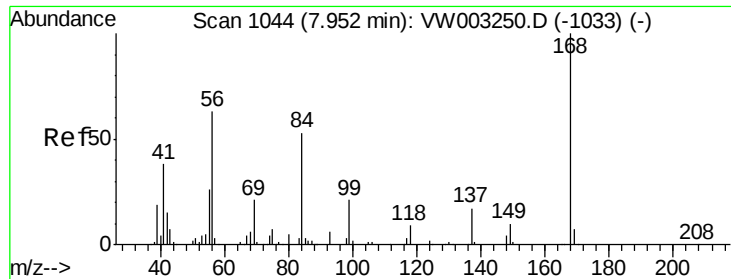
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003645.D

Acq: 28 Jun 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

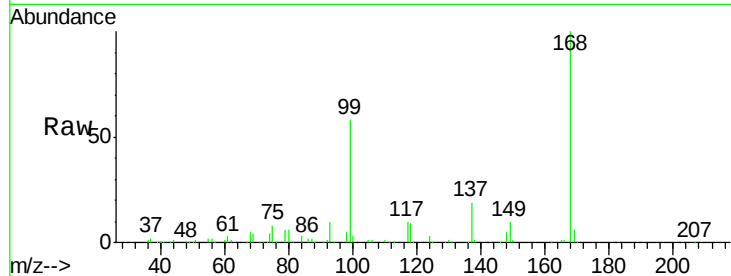
EPE-106-8(14-16)

Tot Ion:168 Resp: 140516

Ion Ratio Lower Upper

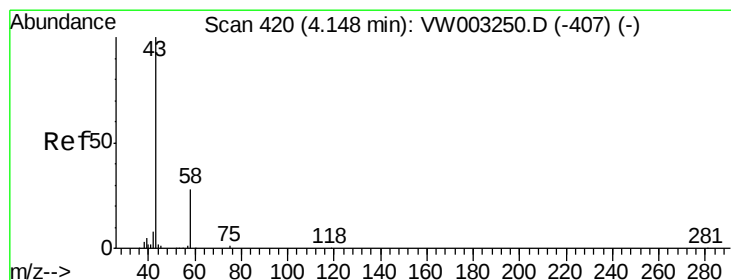
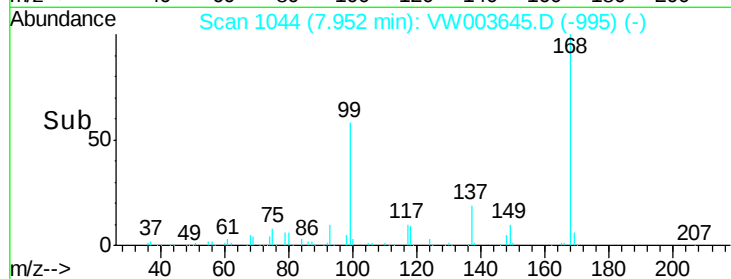
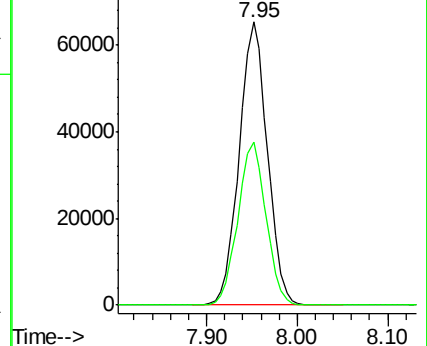
168 100

99 57.8 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: 123.38 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003645.D

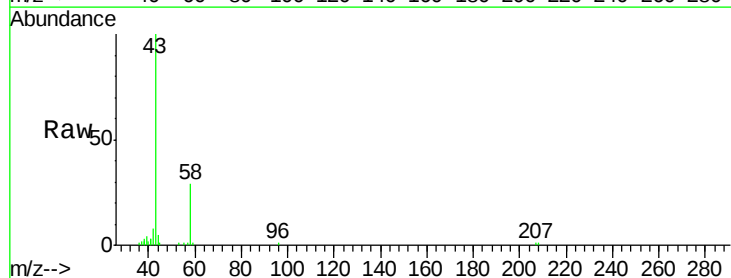
Acq: 28 Jun 2018 18:07

Tgt Ion: 43 Resp: 39384

Ion Ratio Lower Upper

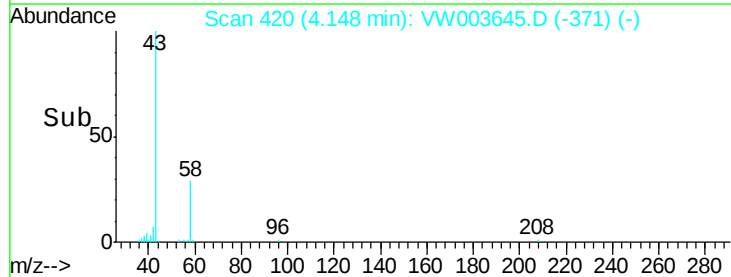
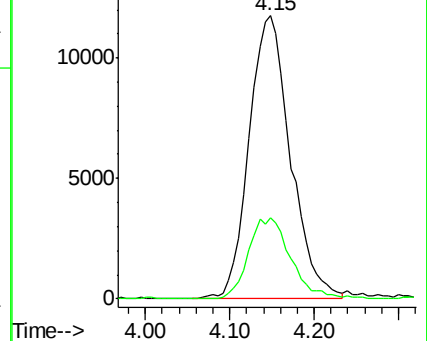
43 100

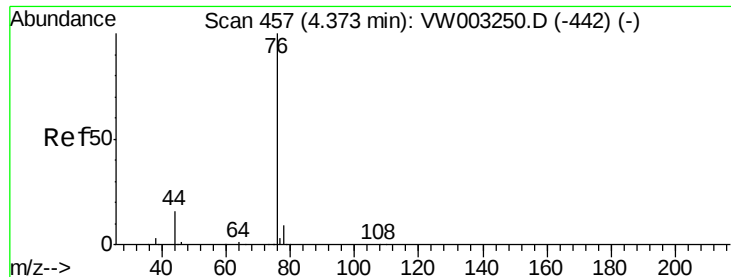
58 28.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

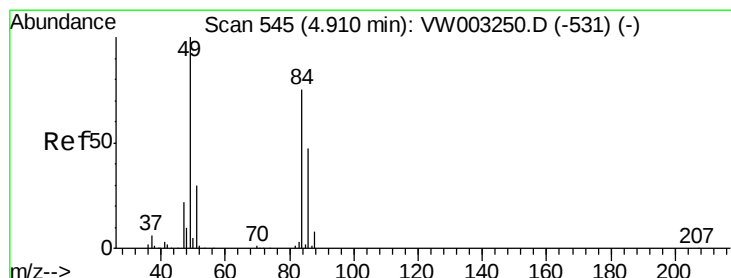
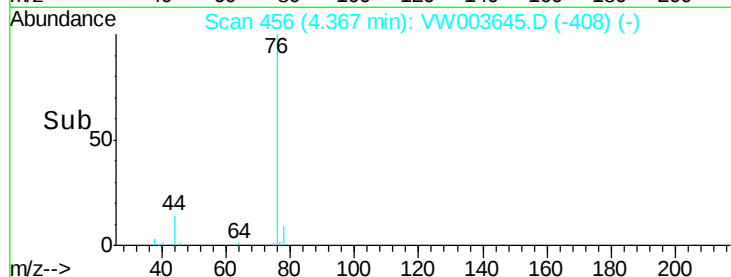
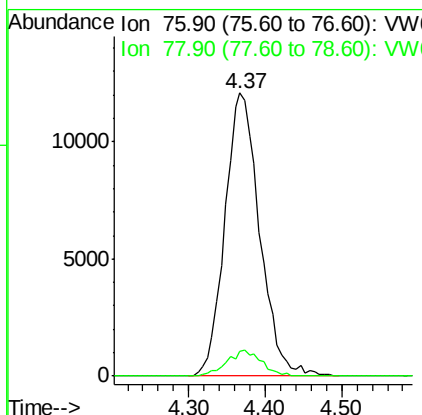
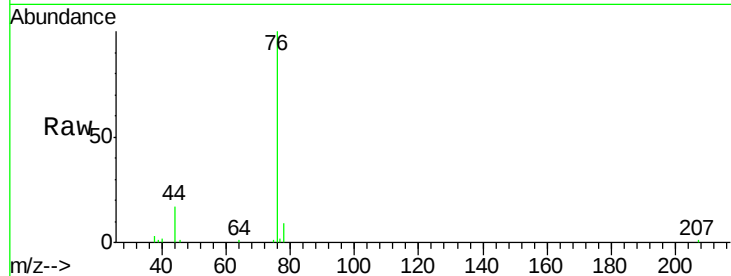




#17
Carbon Disulfide
Concen: 10.10 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003645.D
Acq: 28 Jun 2018 18:07

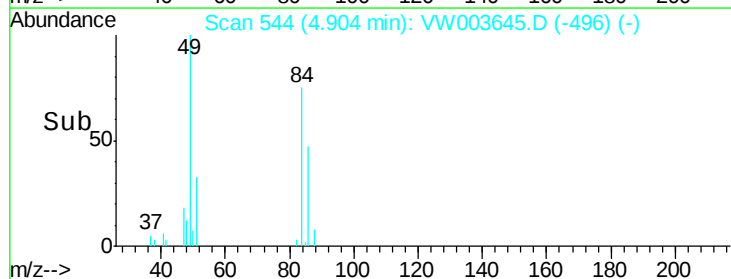
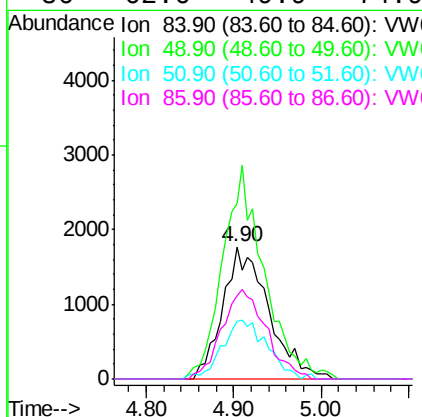
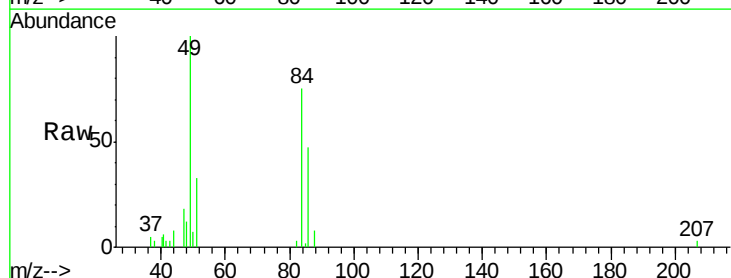
Instrument :
MSVOA_W
ClientSampleId :
EPE-106-8(14-16)

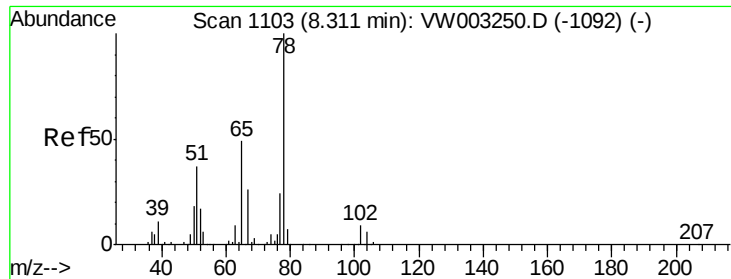
Tot Ion: 76 Resp: 37984
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#20
Methylene Chloride
Concen: 1.13 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003645.D
Acq: 28 Jun 2018 18:07

Tgt Ion: 84 Resp: 6394
Ion Ratio Lower Upper
84 100
49 132.7 106.3 159.5
51 43.3 32.0 48.0
86 62.6 49.9 74.9

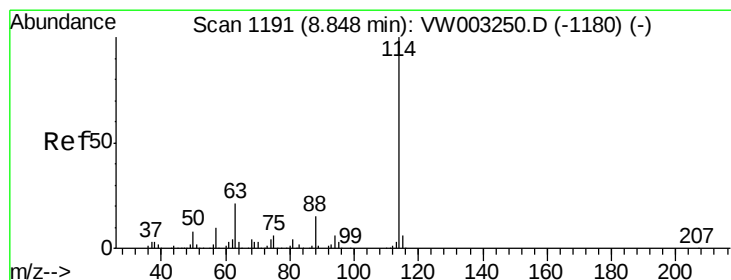
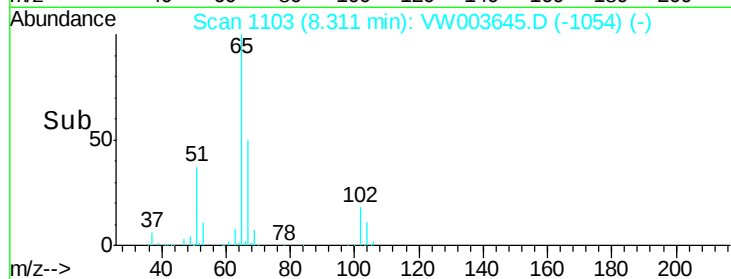
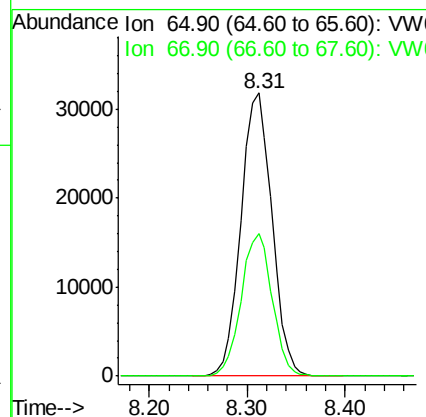
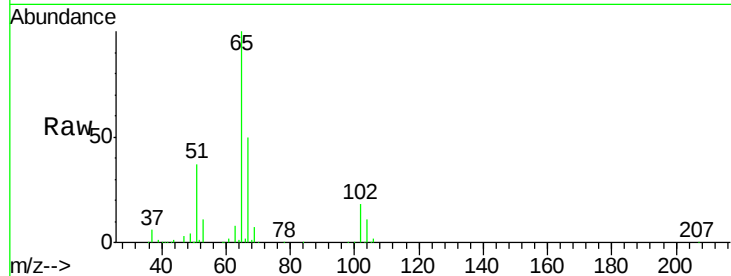




#33
 1,2-Dichloroethane-d4
 Concen: 46.11 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003645.D
 Acq: 28 Jun 2018 18:07

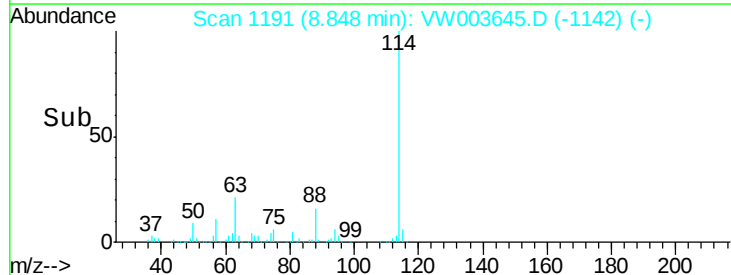
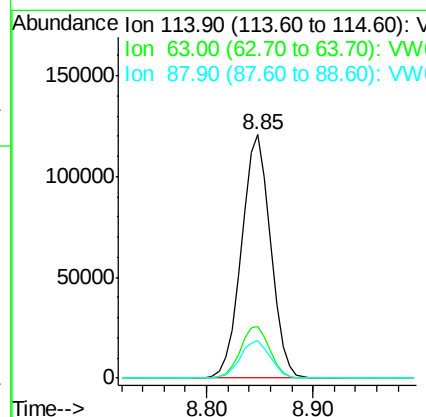
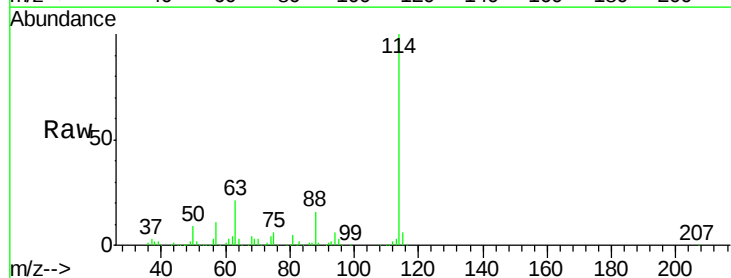
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-8(14-16)

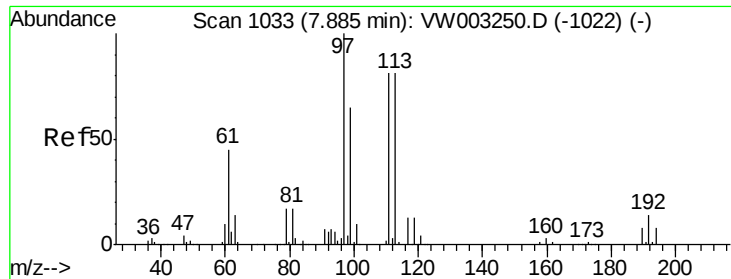
Tot Ion: 65 Resp: 70181
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003645.D
 Acq: 28 Jun 2018 18:07

Tgt Ion: 114 Resp: 231765
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.6 0.0 29.6

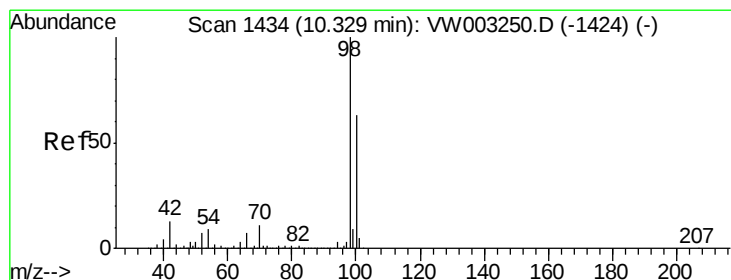
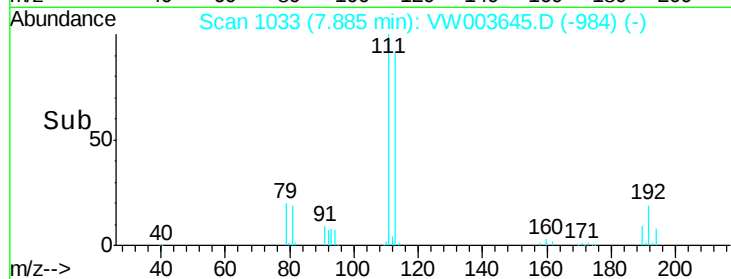
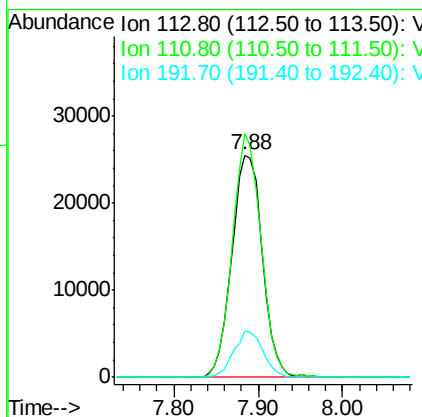
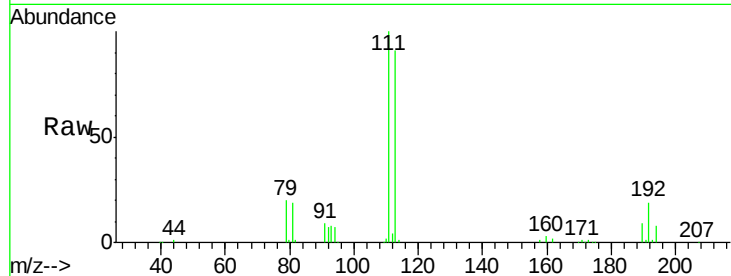




#35
 Dibromofluoromethane
 Concen: 43.22 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003645.D
 Acq: 28 Jun 2018 18:07

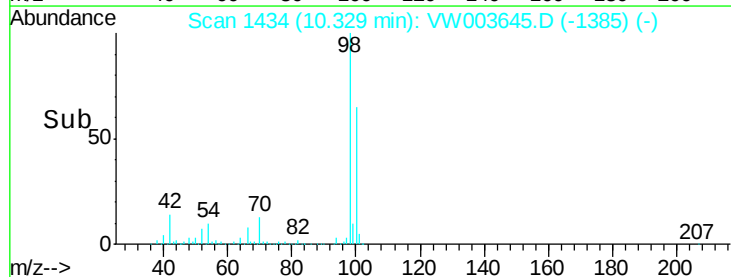
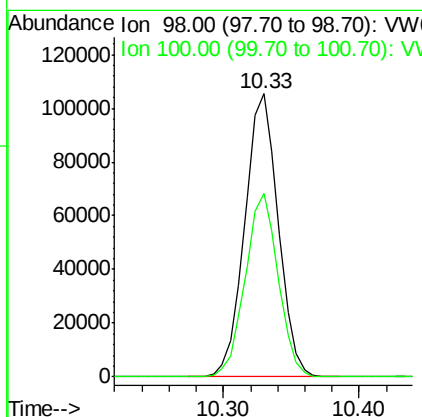
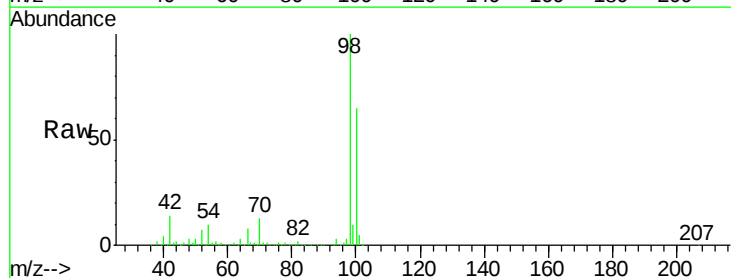
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 MSVOA_W
 ClientSampleId :
 EPE-106-8(14-16)

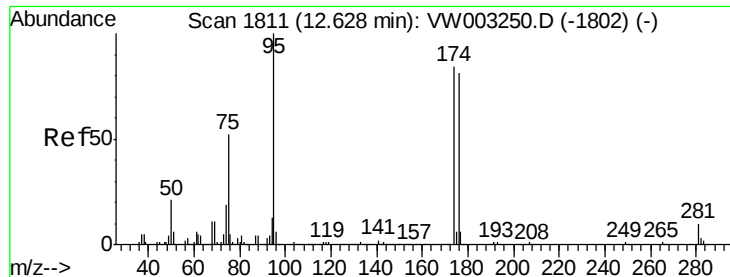
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	20.0	16.2	24.2



#50
 Toluene-d8
 Concen: 31.79 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003645.D
 Acq: 28 Jun 2018 18:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2

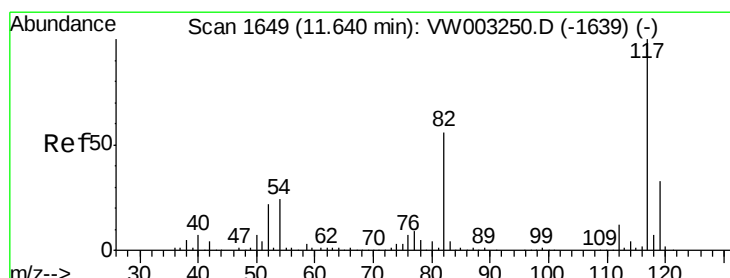
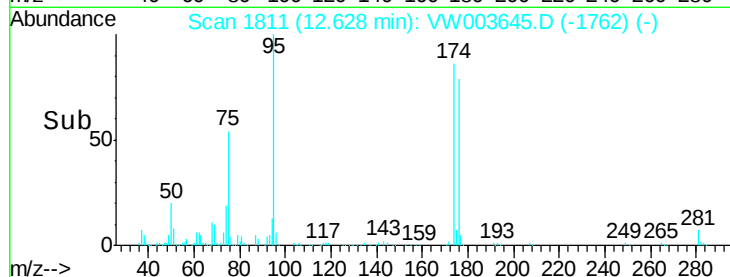
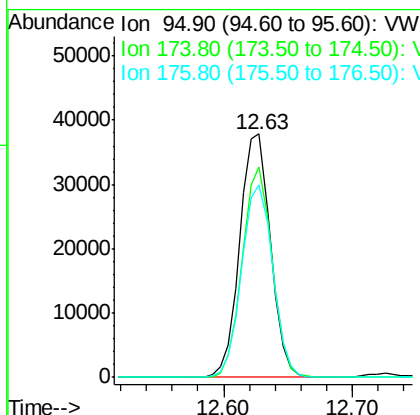
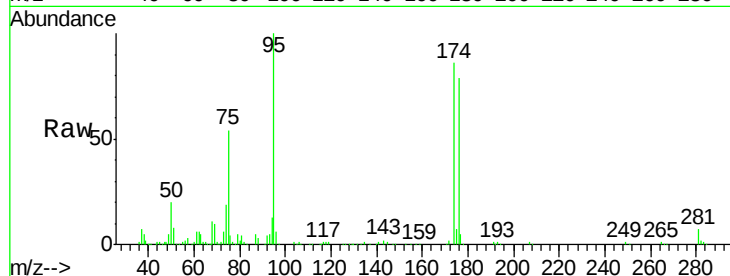




#62
4-Bromofluorobenzene
Concen: 30.86 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003645.D
Acq: 28 Jun 2018 18:07

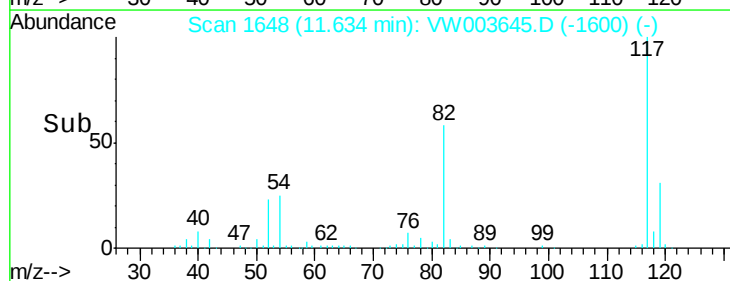
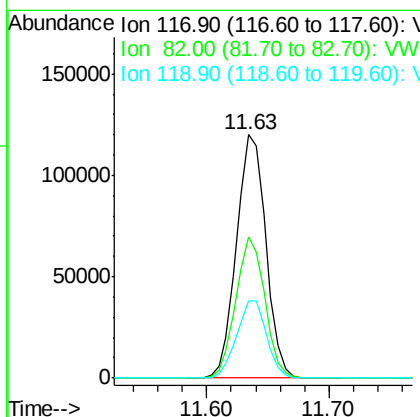
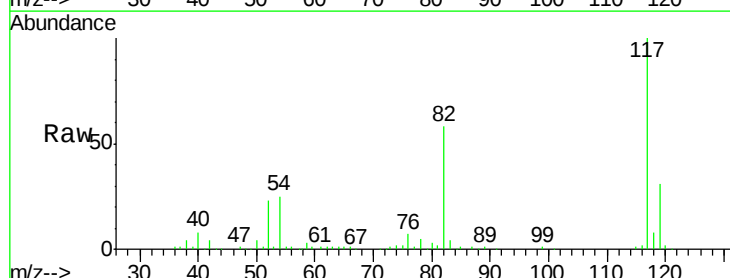
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EPE-106-8(14-16)

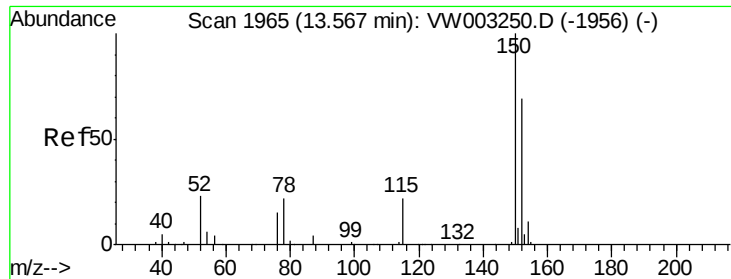
Tot Ion: 95 Resp: 62358
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.4
176 79.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003645.D
Acq: 28 Jun 2018 18:07

Tgt Ion: 117 Resp: 199697
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 31.5 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: VW003645.D

Acq: 28 Jun 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

EPE-106-8(14-16)

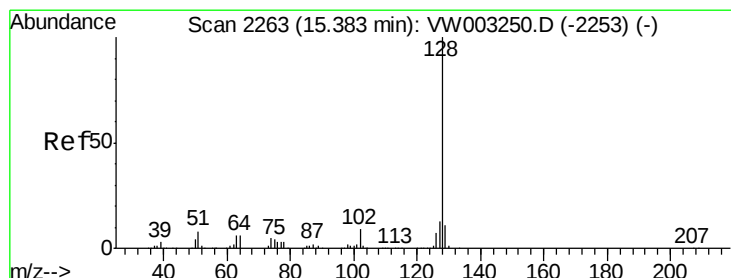
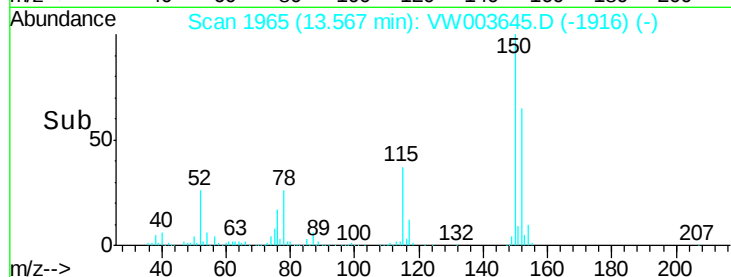
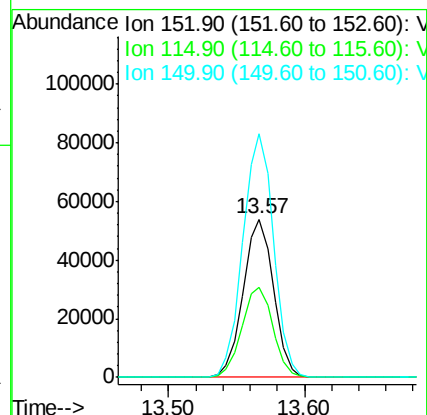
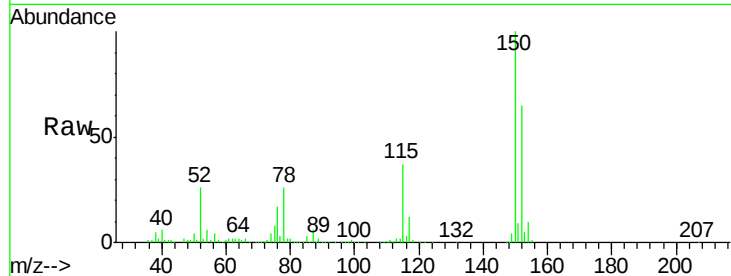
Tot Ion:152 Resp: 83985

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

150 155.9 0.0 349.6



#95

Naphthalene

Concen: 3.11 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003645.D

Acq: 28 Jun 2018 18:07

Tgt Ion:128 Resp: 9054

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

129 12.1 8.9 13.3

