

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003621.D
 Acq On : 27 Jun 2018 18:32
 Operator : SY/AP
 Sample : J3688-03RE
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(70-72)RE

Quant Time: Jun 28 06:53:02 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	36321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	58159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	48876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14776	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	20602	52.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.74%	
35) Dibromofluoromethane	7.89	113	17324	47.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.88%	
50) Toluene-d8	10.33	98	44450	31.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	62.04%	
62) 4-Bromofluorobenzene	12.63	95	11609	22.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.78%	

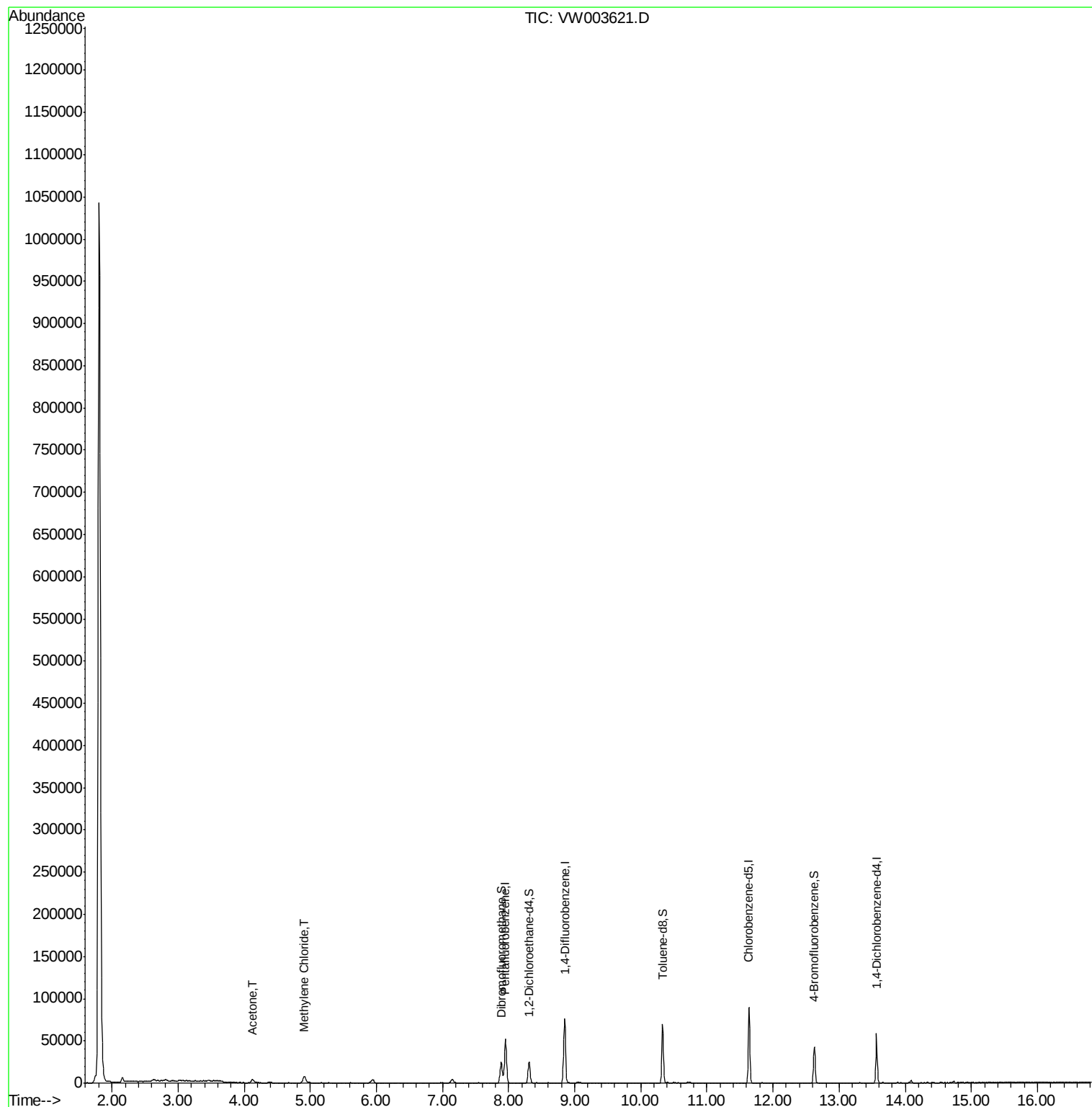
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	6390	77.44	ug/l	99
20) Methylene Chloride	4.90	84	5065	11.63	ug/l	96

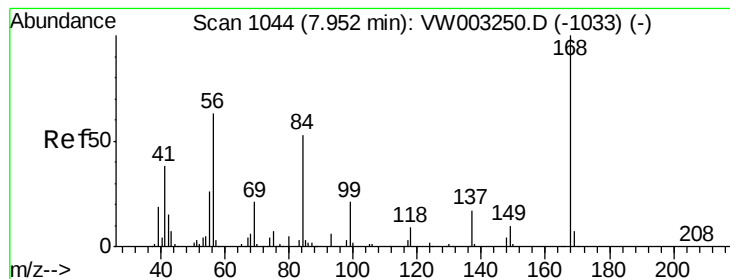
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003621.D

Acq: 27 Jun 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

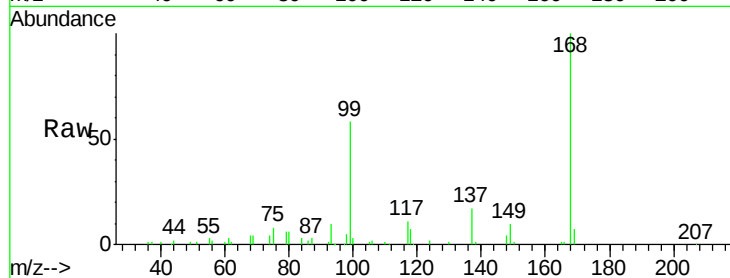
EPE-109-6(70-72)RE

Tot Ion:168 Resp: 36321

Ion Ratio Lower Upper

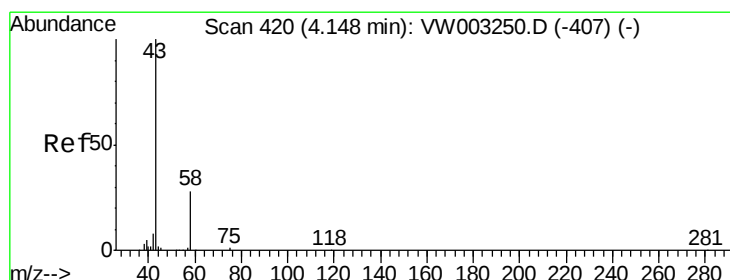
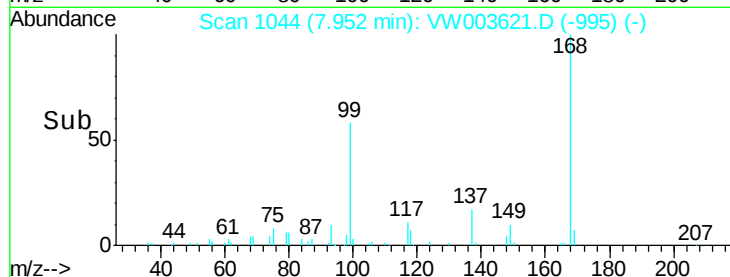
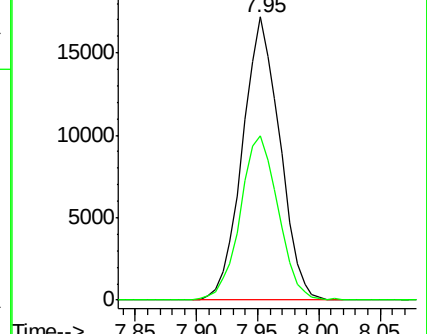
168 100

99 58.2 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: 77.44 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003621.D

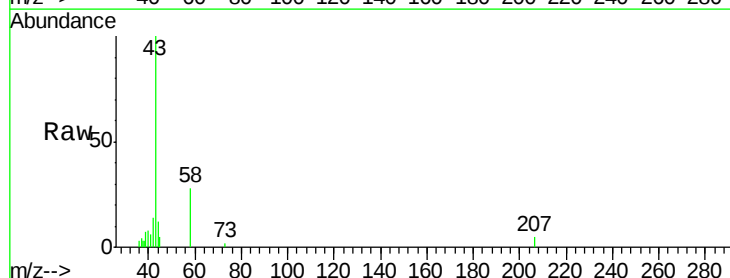
Acq: 27 Jun 2018 18:32

Tgt Ion: 43 Resp: 6390

Ion Ratio Lower Upper

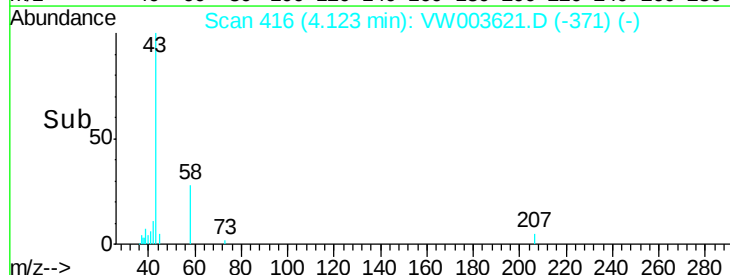
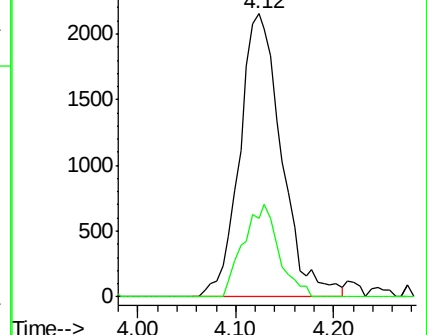
43 100

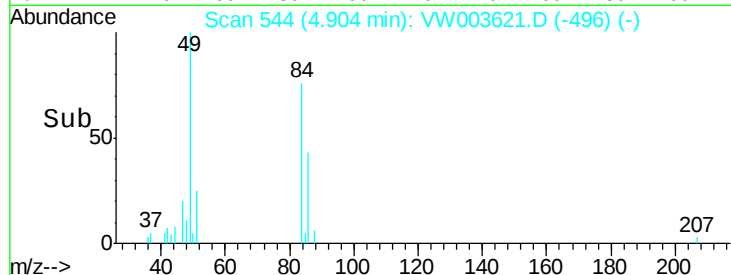
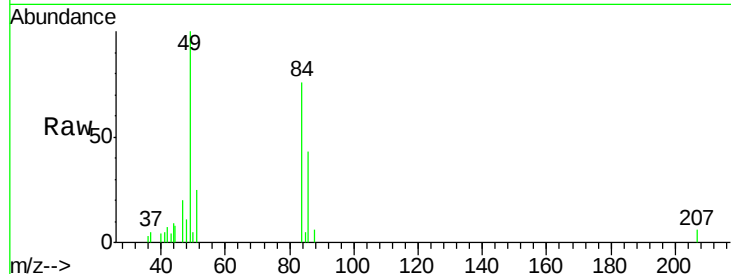
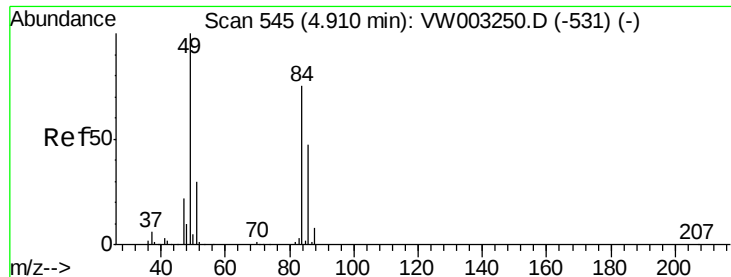
58 27.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

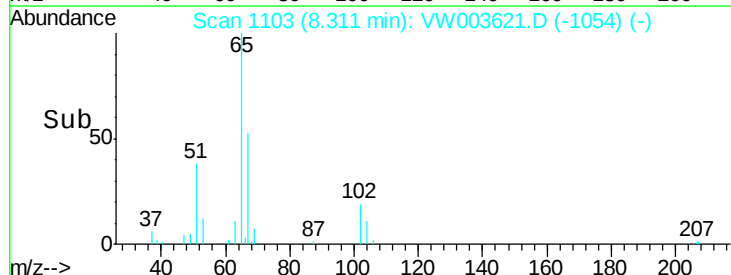
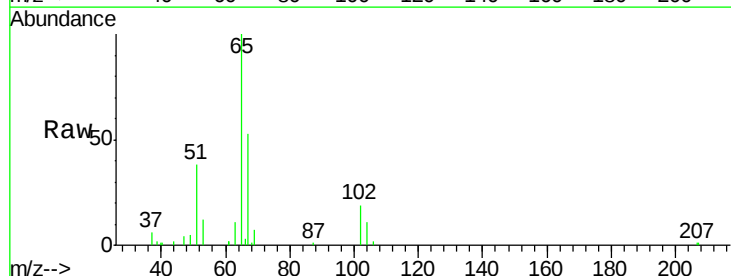
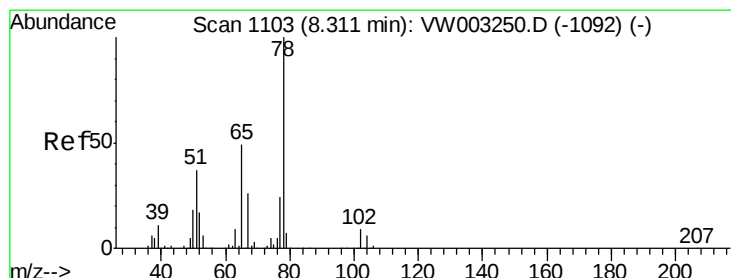
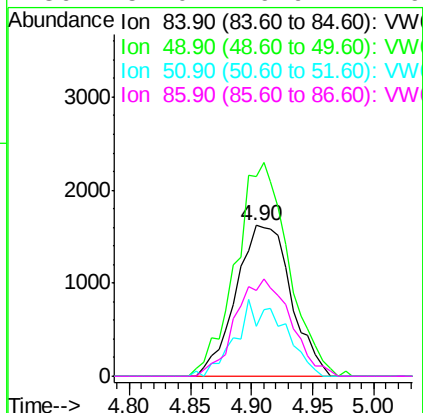




#20
Methylene Chloride
Concen: 11.63 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003621.D
Acq: 27 Jun 2018 18:32

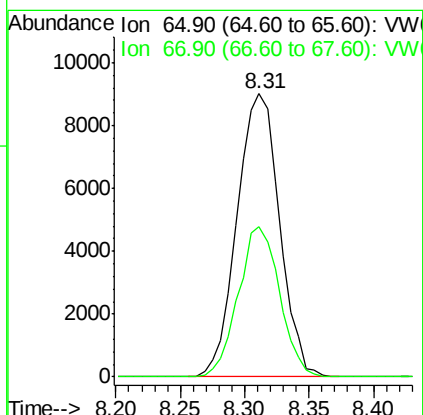
Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(70-72)RE

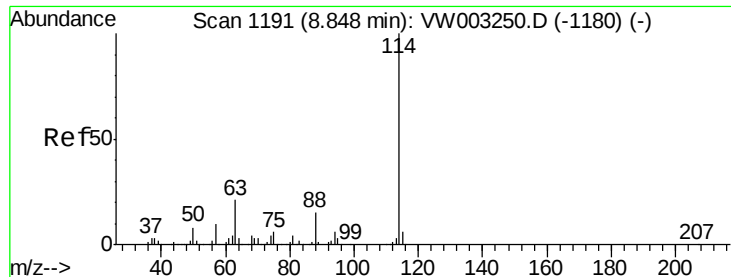
Tot Ion:	84	Resp:	5065
Ion	Ratio	Lower	Upper
84	100		
49	132.1	106.3	159.5
51	32.7	32.0	48.0
86	57.0	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 52.37 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003621.D
Acq: 27 Jun 2018 18:32

Tgt Ion:	65	Resp:	20602
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.2

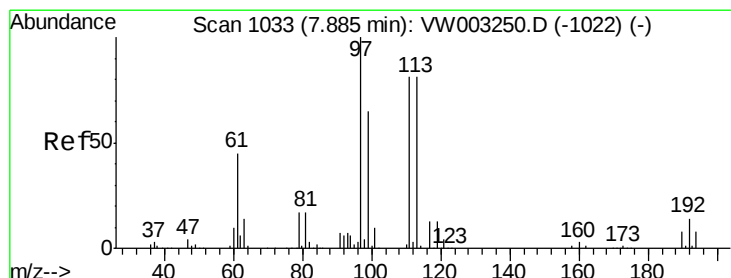
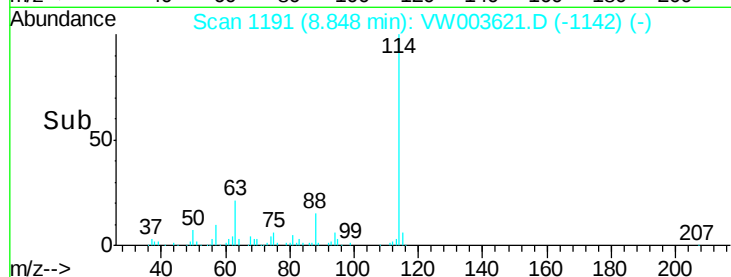
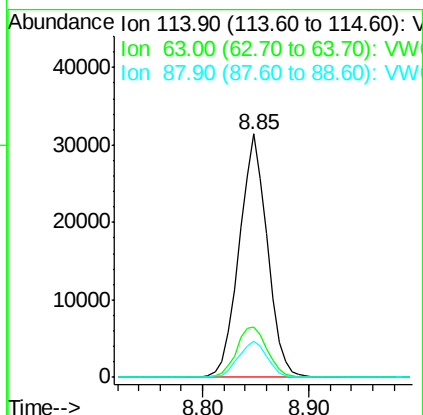
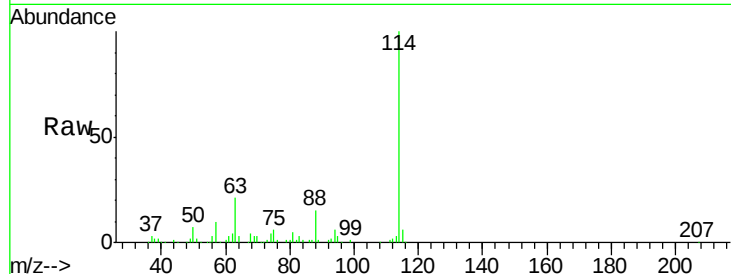




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003621.D
 Acq: 27 Jun 2018 18:32

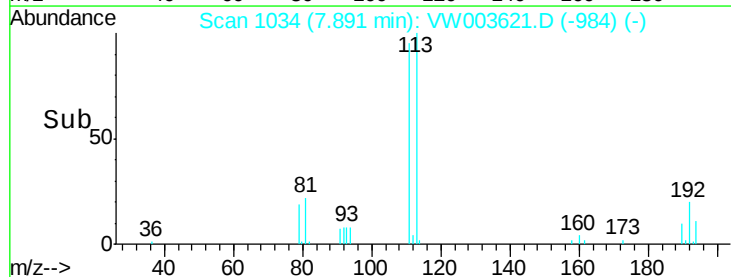
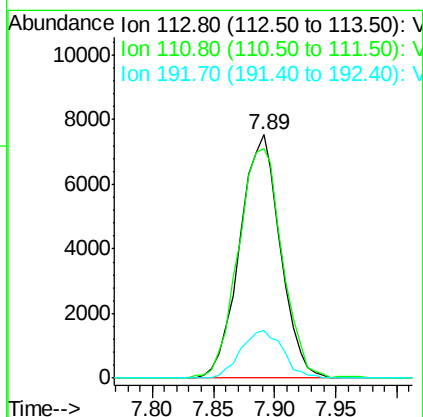
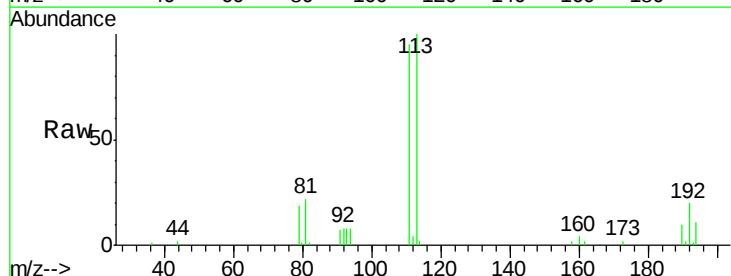
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(70-72)RE

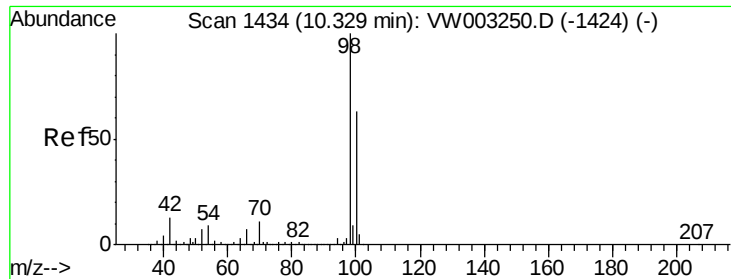
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.0
88	15.1	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 47.94 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003621.D
 Acq: 27 Jun 2018 18:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	20.3	16.2	24.2





#50

Toluene-d8

Concen: 31.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003621.D

Acq: 27 Jun 2018 18:32

Instrument :

MSVOA_W

ClientSampleId :

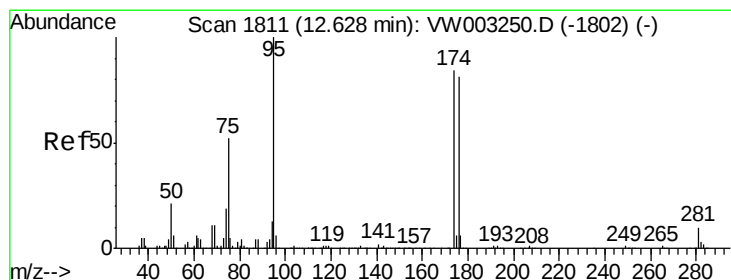
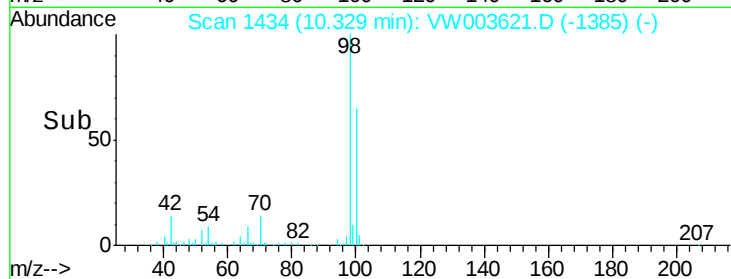
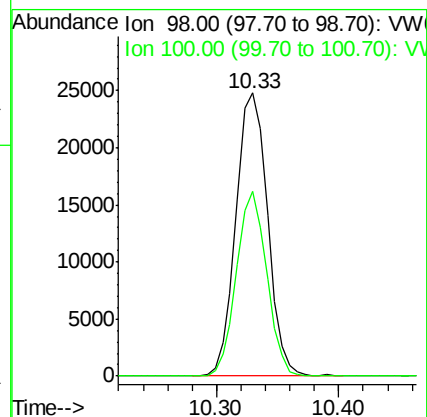
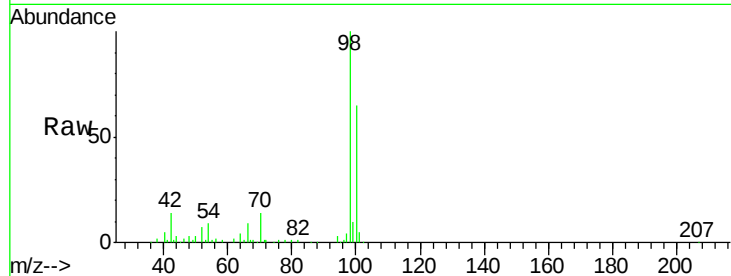
EPE-109-6(70-72)RE

Tot Ion: 98 Resp: 44450

Ion Ratio Lower Upper

98 100

100 62.2 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 22.89 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003621.D

Acq: 27 Jun 2018 18:32

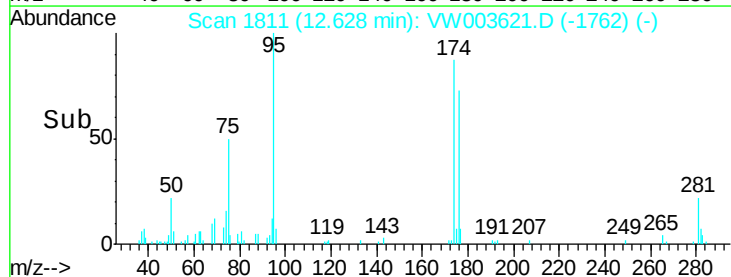
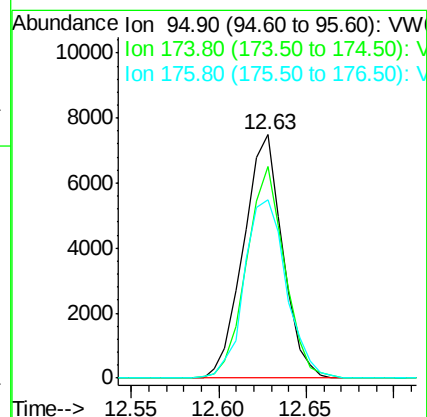
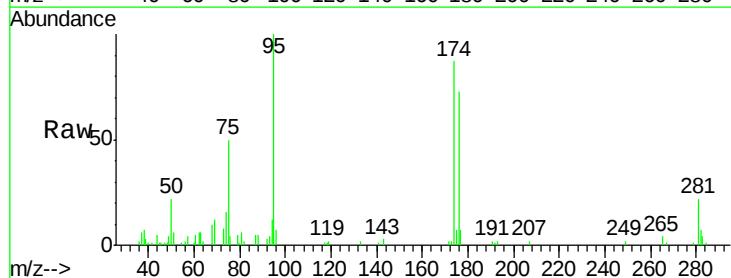
Tgt Ion: 95 Resp: 11609

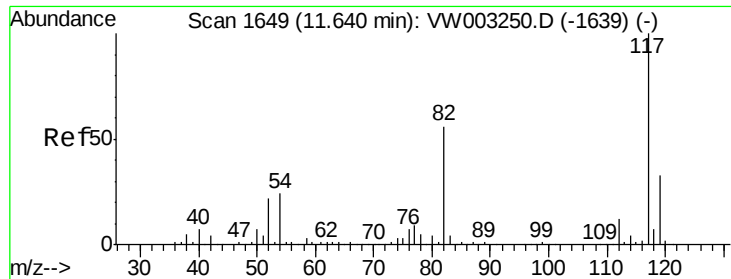
Ion Ratio Lower Upper

95 100

174 84.7 0.0 166.4

176 79.2 0.0 162.0

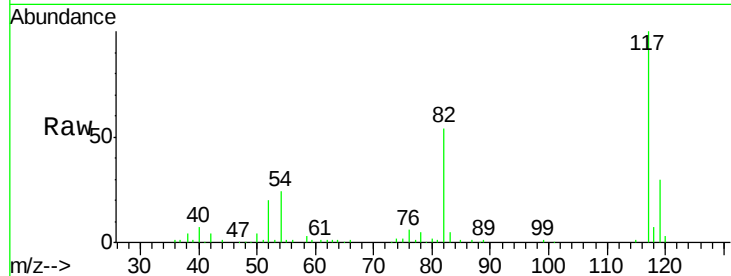




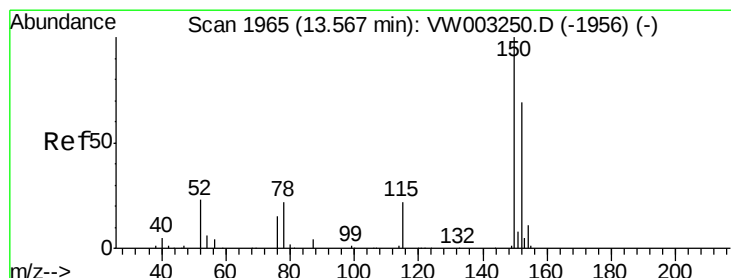
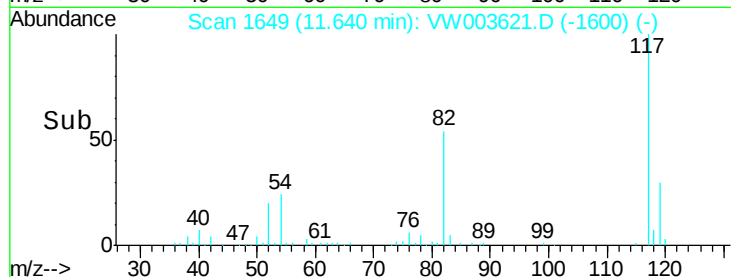
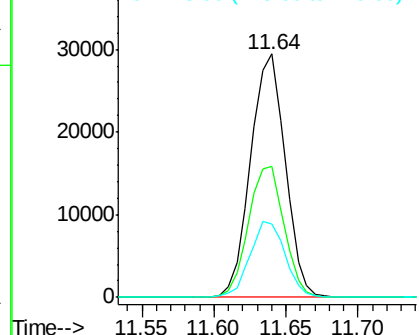
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003621.D
Acq: 27 Jun 2018 18:32

Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(70-72)RE

Tot Ion:117 Resp: 48876
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 30.3 26.7 40.1

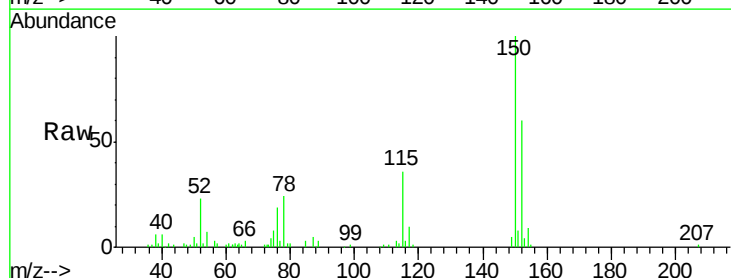


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003621.D
Acq: 27 Jun 2018 18:32

Tgt Ion:152 Resp: 14776
Ion Ratio Lower Upper
152 100
115 56.5 29.3 88.0
150 153.6 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

