

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000970.D
 Acq On : 25 Jan 2018 01:13
 Operator : JC/SY
 Sample : J1288-05
 Misc : 6.56G/5.0ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(90-92)

Quant Time: Jan 25 12:06:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

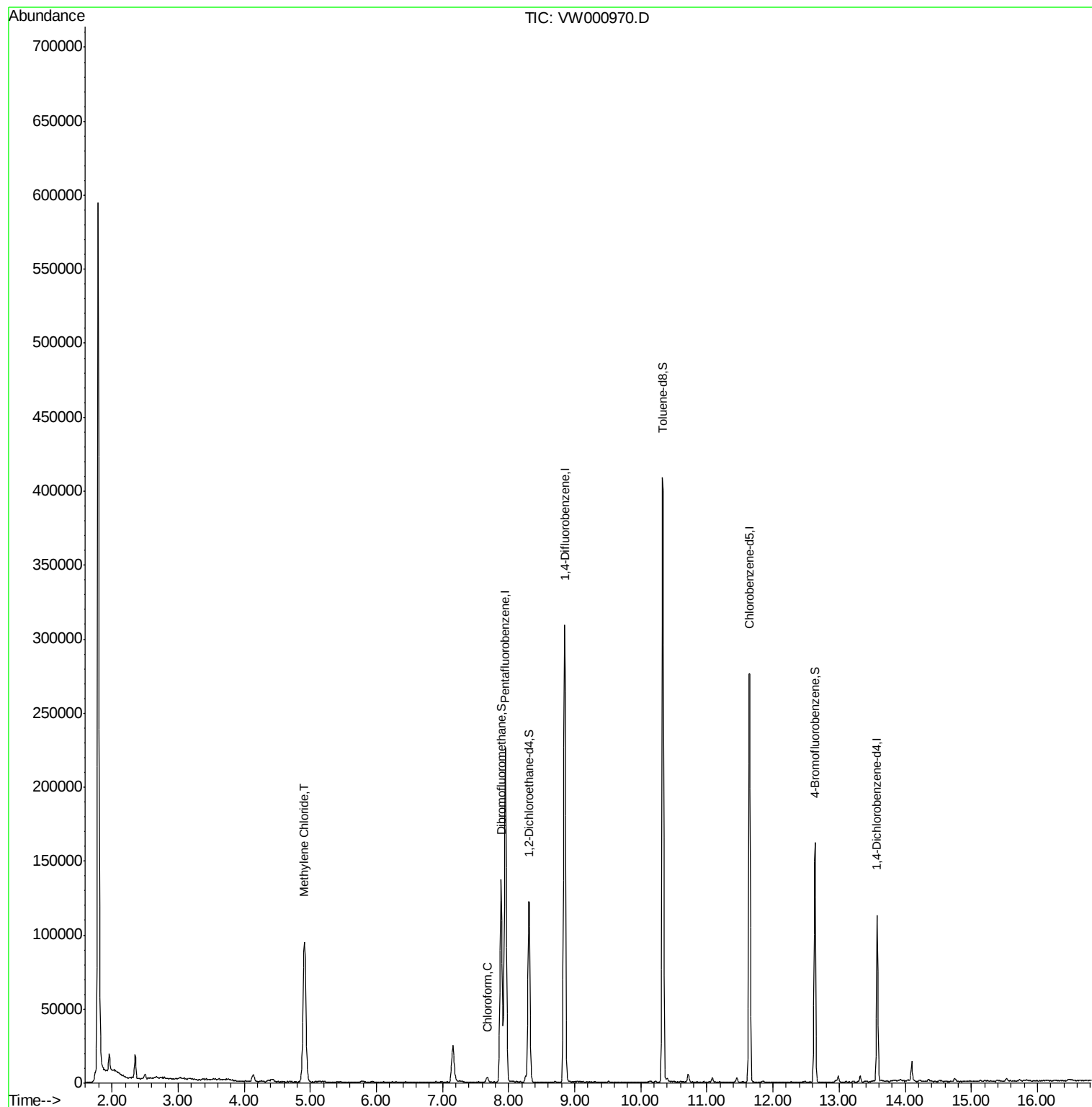
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	174665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	164434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	29788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100748	60.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.36%	
35) Dibromofluoromethane	7.88	113	97589	59.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.74%	
50) Toluene-d8	10.33	98	277980	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.63	95	44638	18.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.84%	
Target Compounds						
20) Methylene Chloride	4.91	84	74699	49.51	ug/l	95
30) Chloroform	7.67	83	2892	1.01	ug/l #	78

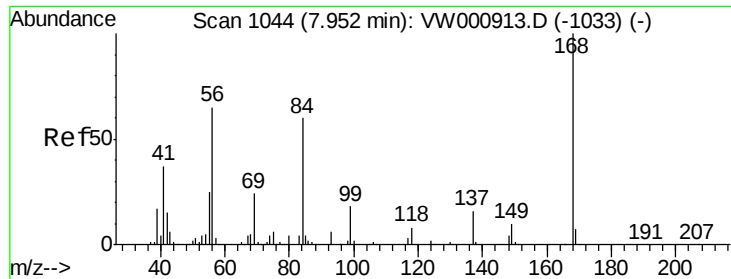
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW000970.D

Acq: 25 Jan 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

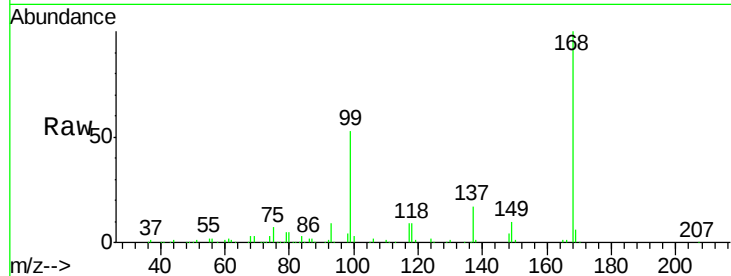
EPE-108-4(90-92)

Tot Ion:168 Resp: 174665

Ion Ratio Lower Upper

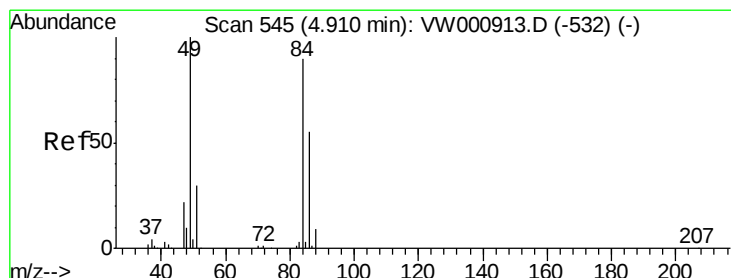
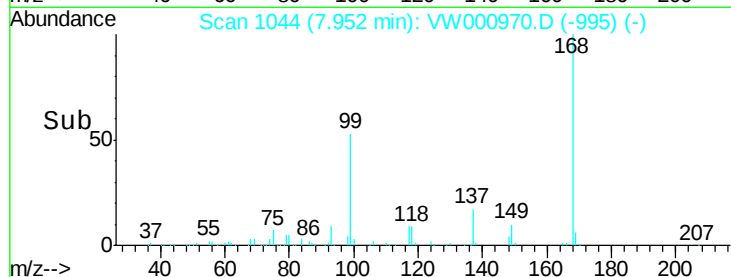
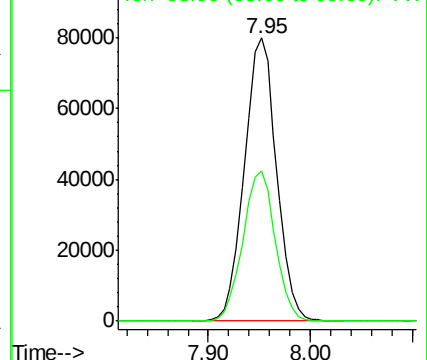
168 100

99 53.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 49.51 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW000970.D

Acq: 25 Jan 2018 01:13

Tgt Ion: 84 Resp: 74699

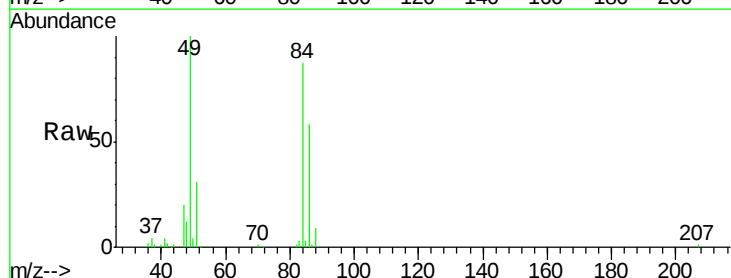
Ion Ratio Lower Upper

84 100

49 115.4 89.0 133.4

51 36.3 26.7 40.1

86 66.5 48.7 73.1

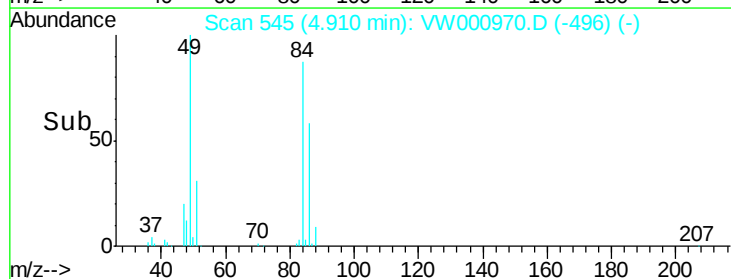
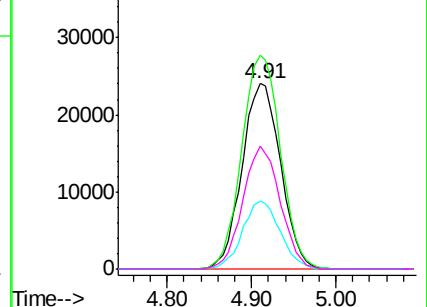


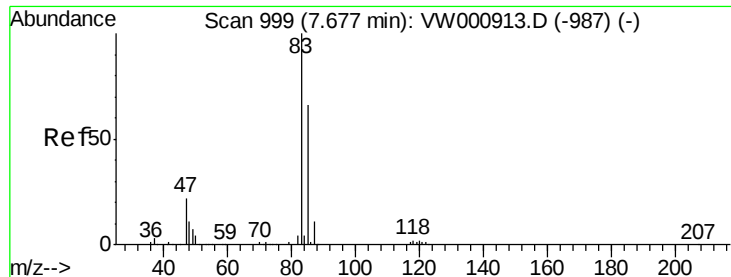
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

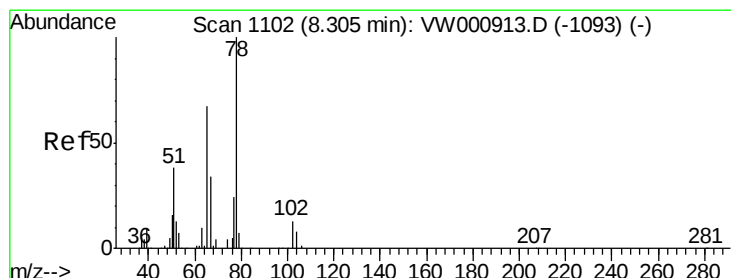
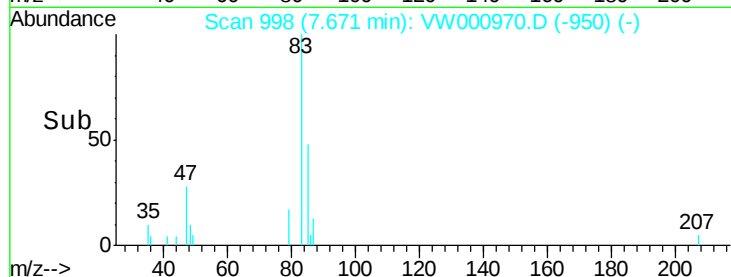
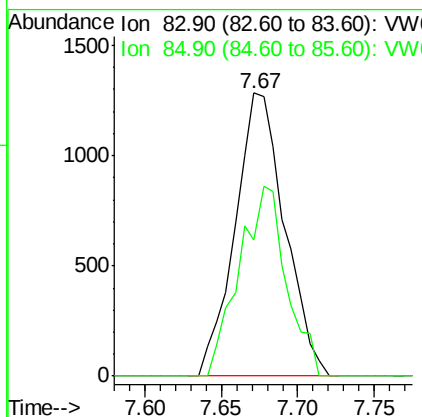
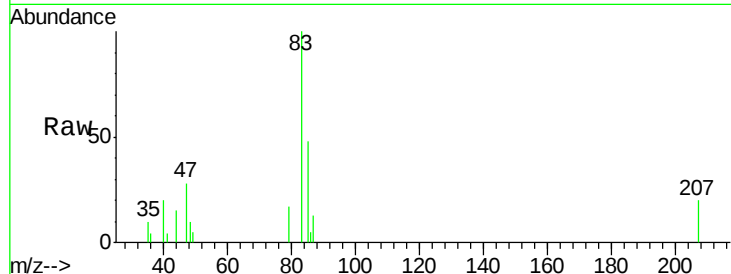




#30
Chloroform
Concen: 1.01 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW000970.D
Acq: 25 Jan 2018 01:13

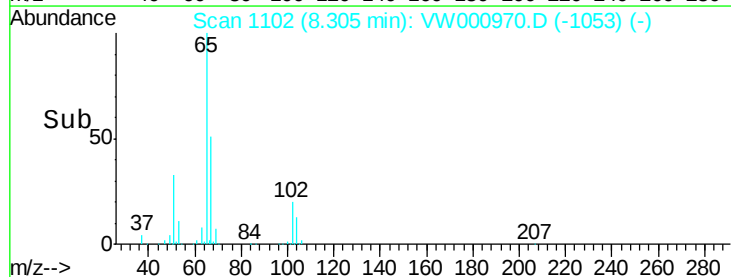
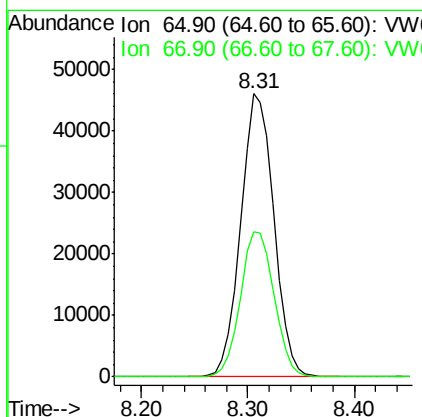
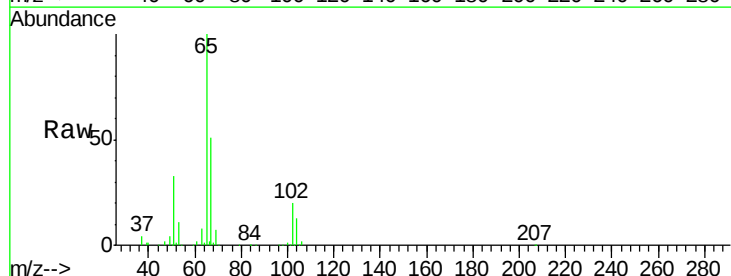
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(90-92)

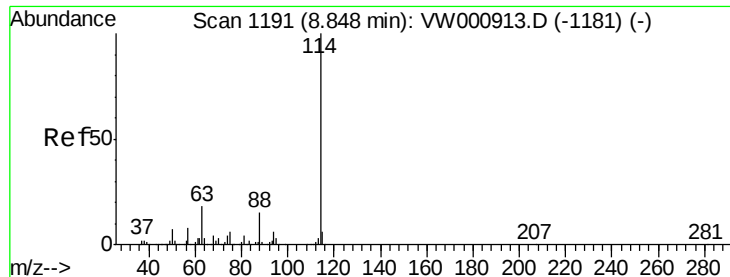
Tot Ion: 83 Resp: 2892
Ion Ratio Lower Upper
83 100
85 48.2 52.5 78.7#



#33
1,2-Dichloroethane-d4
Concen: 60.18 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW000970.D
Acq: 25 Jan 2018 01:13

Tgt Ion: 65 Resp: 100748
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

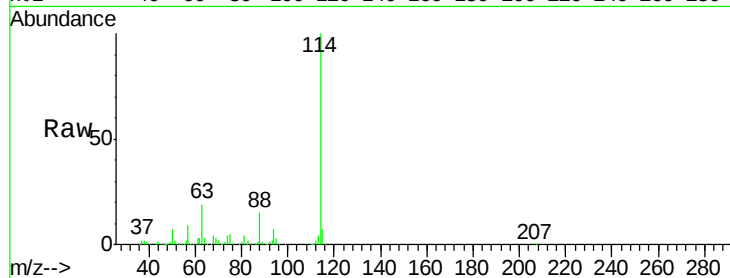




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000970.D
 Acq: 25 Jan 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(90-92)

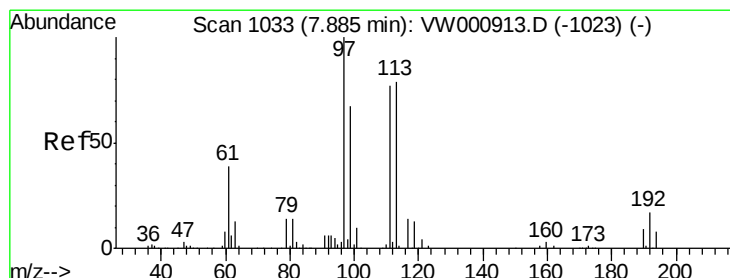
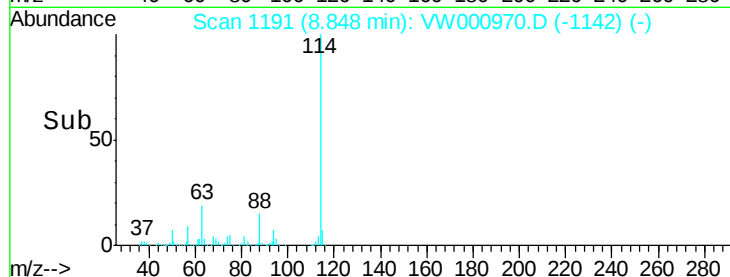
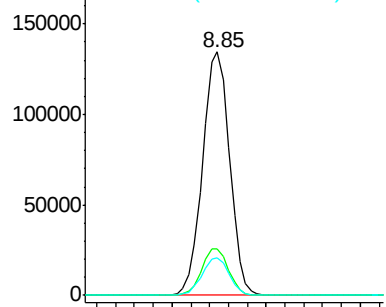
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.8
88	15.3	0.0	29.8



Abundance Ion 113.90 (113.60 to 114.60): V

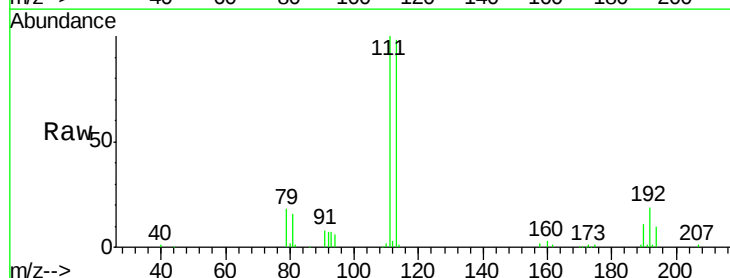
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 59.37 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000970.D
 Acq: 25 Jan 2018 01:13

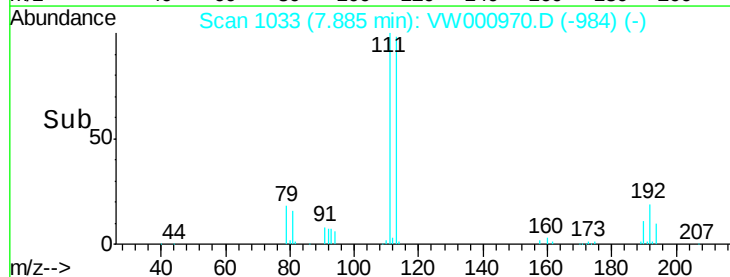
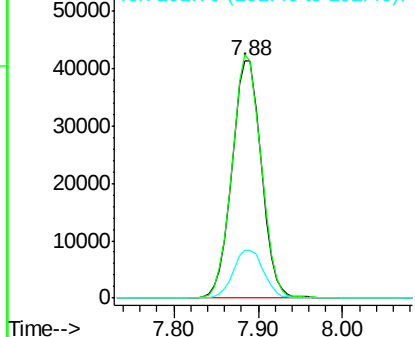
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.4	120.6
192	20.8	17.0	25.4

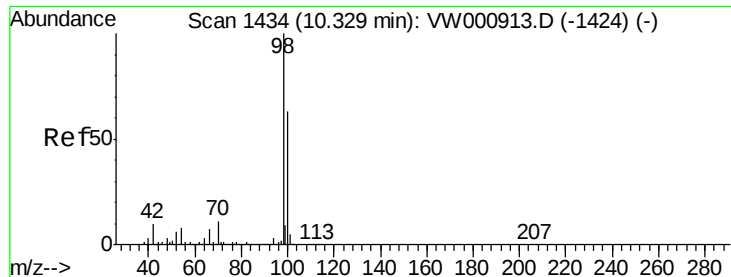


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.90 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW000970.D

Acq: 25 Jan 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

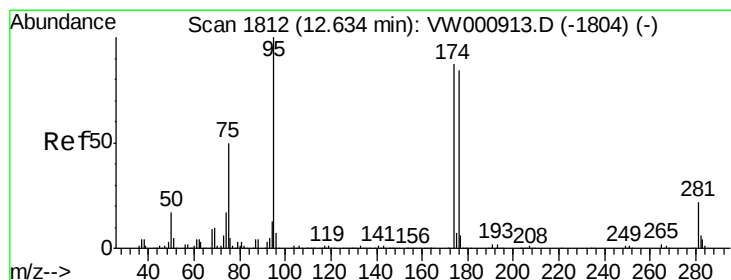
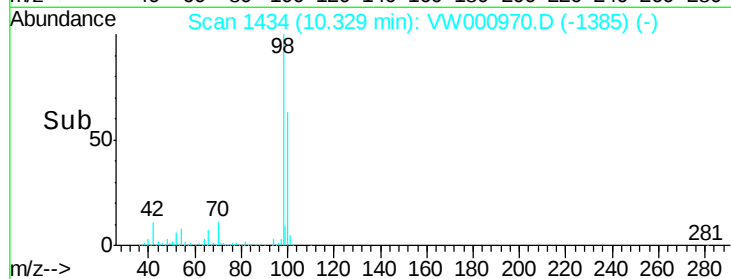
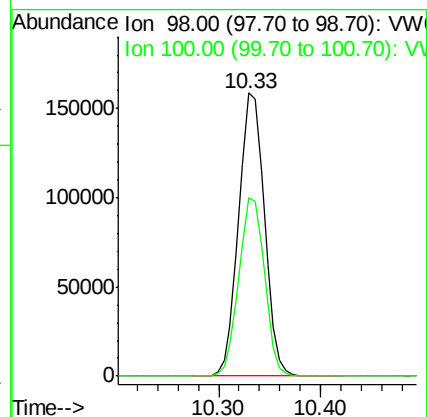
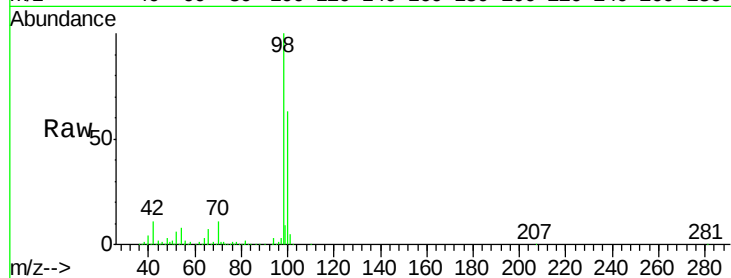
EPE-108-4(90-92)

Tot Ion: 98 Resp: 277980

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 18.92 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000970.D

Acq: 25 Jan 2018 01:13

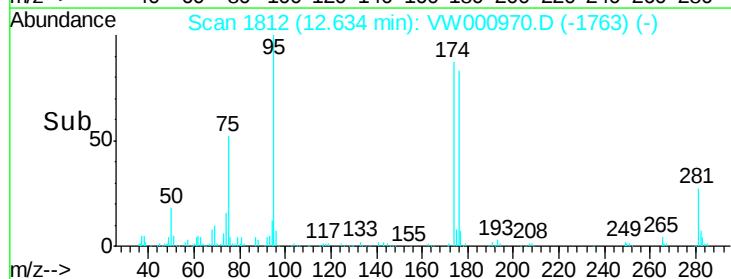
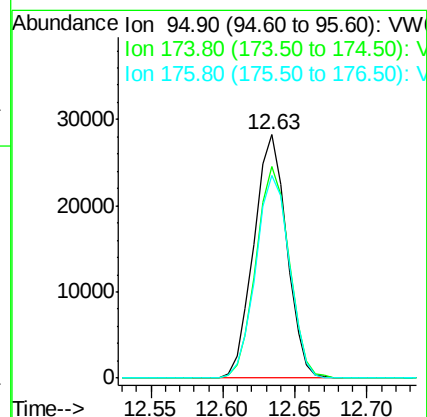
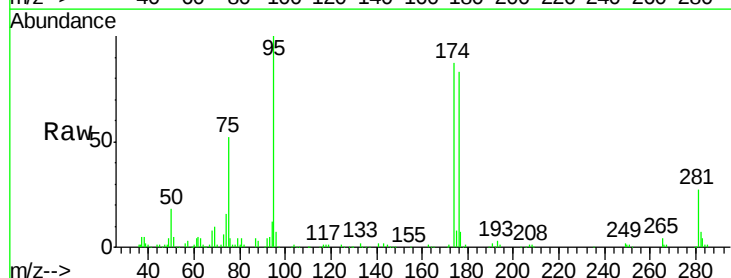
Tgt Ion: 95 Resp: 44638

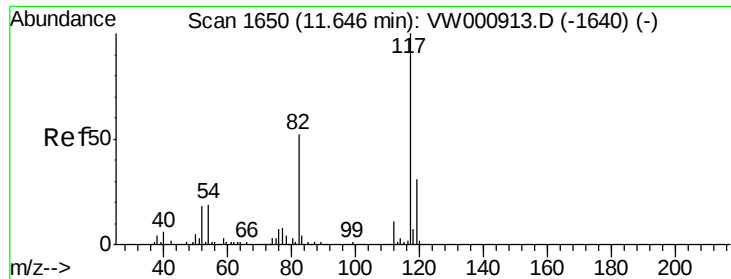
Ion Ratio Lower Upper

95 100

174 87.6 0.0 176.8

176 85.2 0.0 171.8

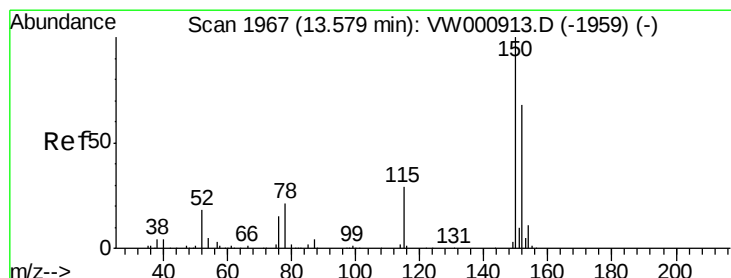
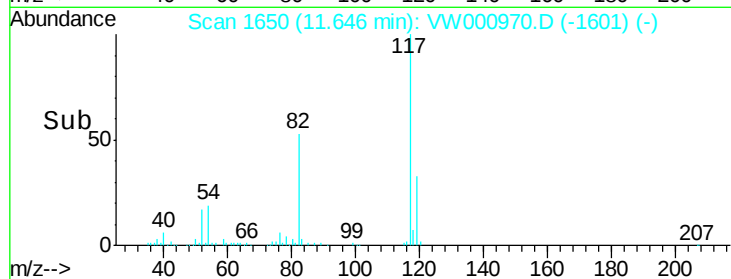
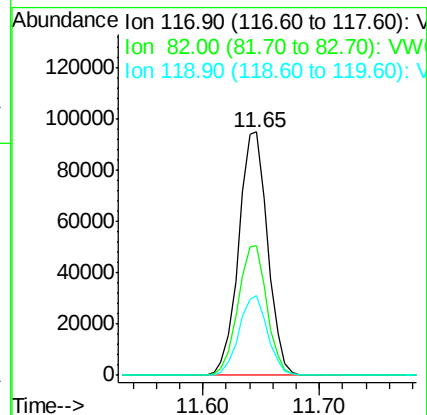
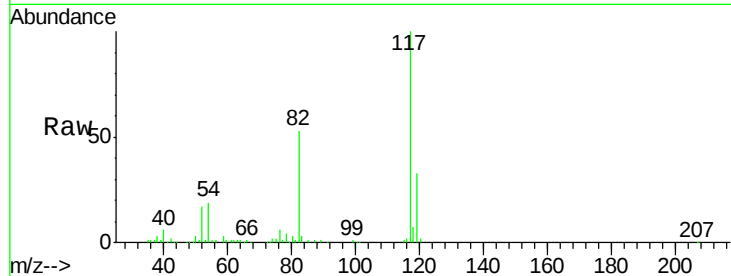




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VW000970.D
Acq: 25 Jan 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(90-92)

Tot Ion:117 Resp: 164434
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VW000970.D
Acq: 25 Jan 2018 01:13

Tgt Ion:152 Resp: 29788
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.5
150 162.2 0.0 342.0

