

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000959.D
 Acq On : 24 Jan 2018 20:17
 Operator : JC/SY
 Sample : J1241-02
 Misc : 5.35G/5.0ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(5-10)

Quant Time: Jan 25 05:59:39 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

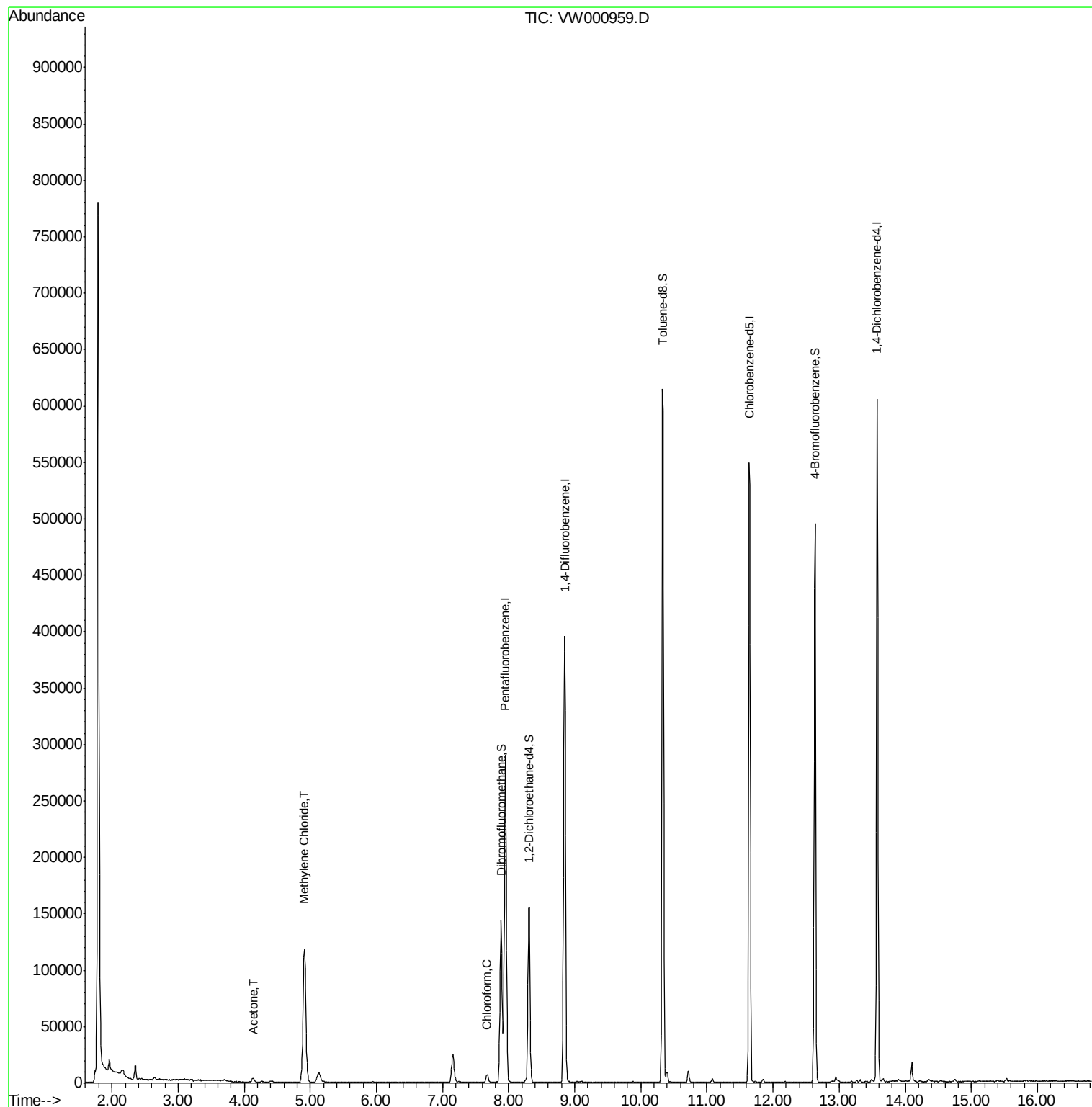
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	317291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	163771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126666	58.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.24%	
35) Dibromofluoromethane	7.88	113	100939	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.33	98	423694	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.63	95	147791	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
Target Compounds						
16) Acetone	4.14	43	5601	23.49	ug/l	94
20) Methylene Chloride	4.92	84	92525	47.38	ug/l	99
30) Chloroform	7.67	83	6011	1.63	ug/l	85

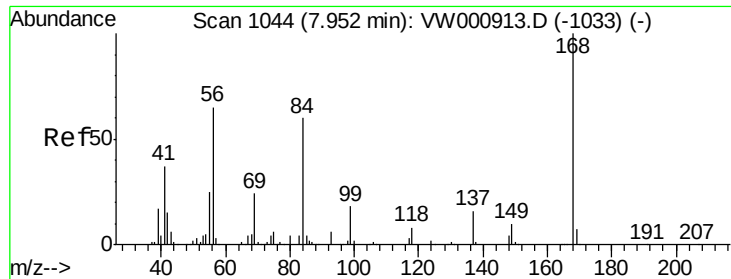
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

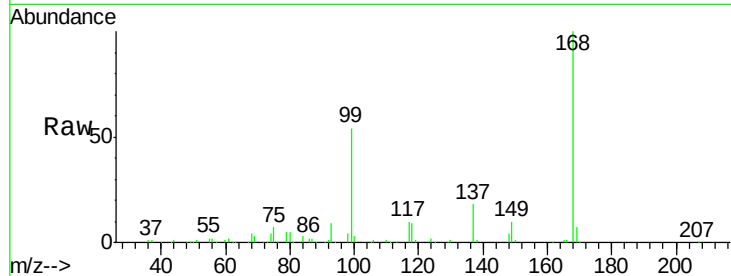
EPE-108-4(5-10)

Tot Ion:168 Resp: 225433

Ion Ratio Lower Upper

168 100

99 54.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

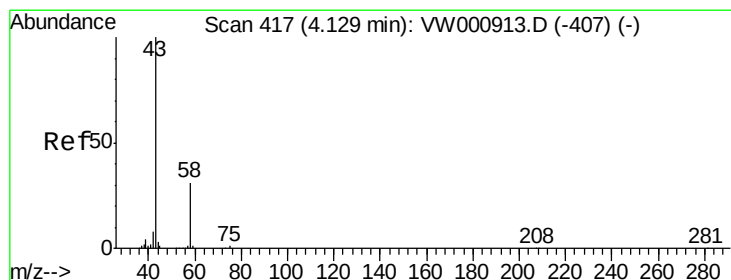
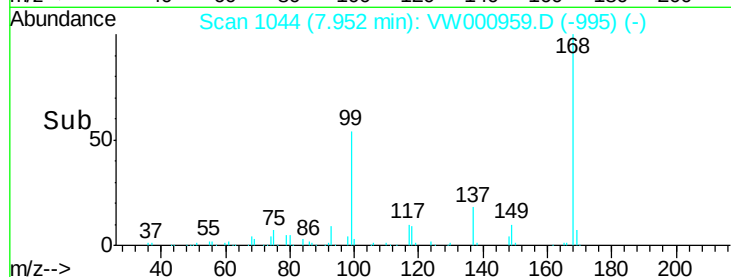
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 23.49 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW000959.D

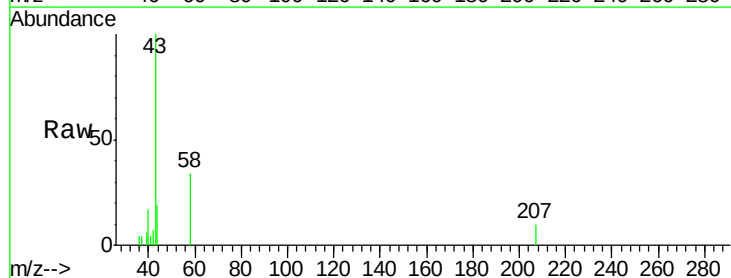
Acq: 24 Jan 2018 20:17

Tgt Ion: 43 Resp: 5601

Ion Ratio Lower Upper

43 100

58 34.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

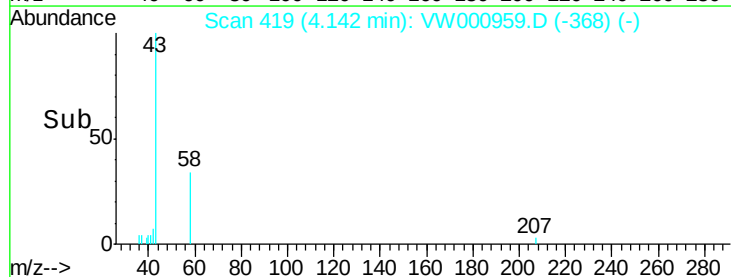
1500

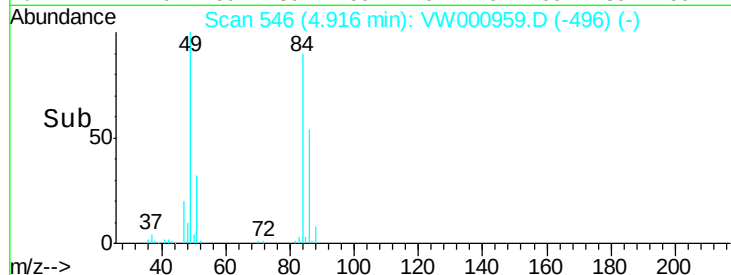
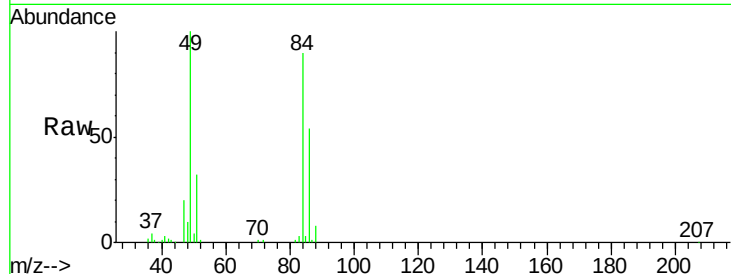
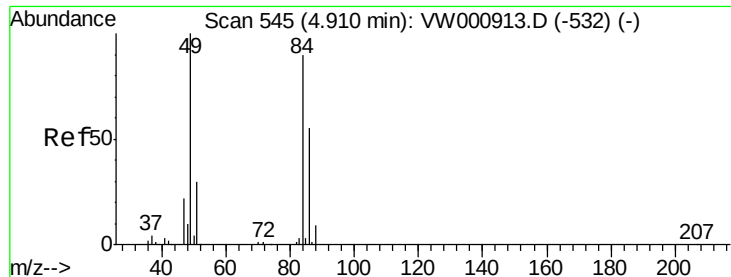
1000

500

0

Time--> 4.00 4.10 4.20

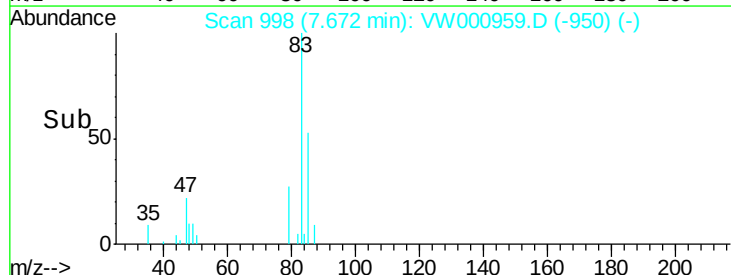
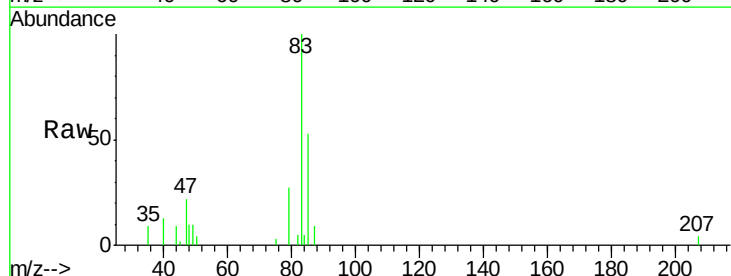
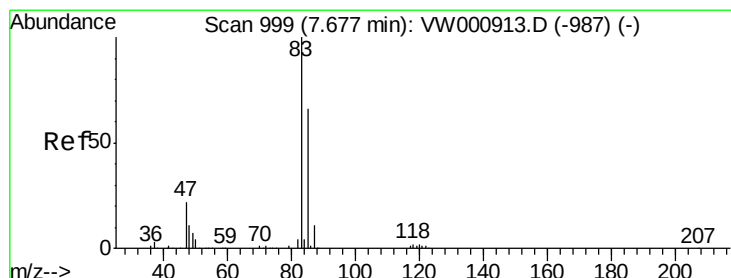
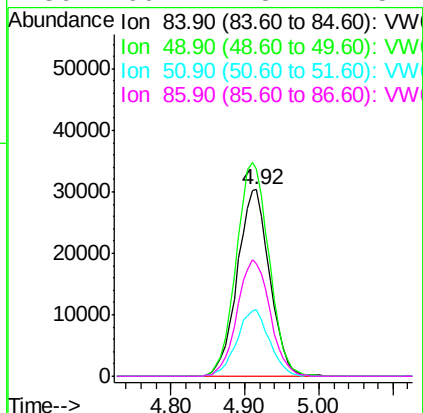




#20
Methylene Chloride
Concen: 47.38 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

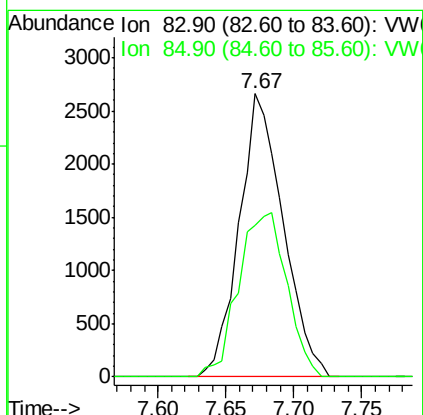
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(5-10)

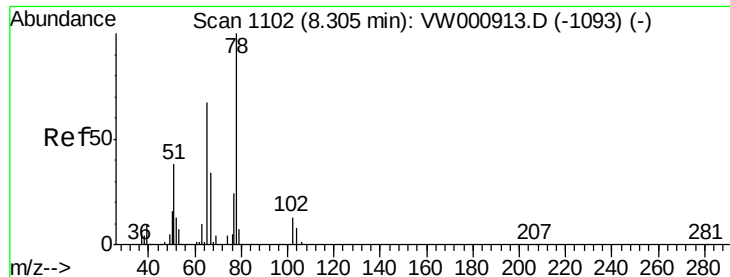
Tot Ion:	84	Resp:	92525
Ion	Ratio	Lower	Upper
84	100		
49	111.1	89.0	133.4
51	35.4	26.7	40.1
86	60.1	48.7	73.1



#30
Chloroform
Concen: 1.63 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion:	83	Resp:	6011
Ion	Ratio	Lower	Upper
83	100		
85	53.5	52.5	78.7

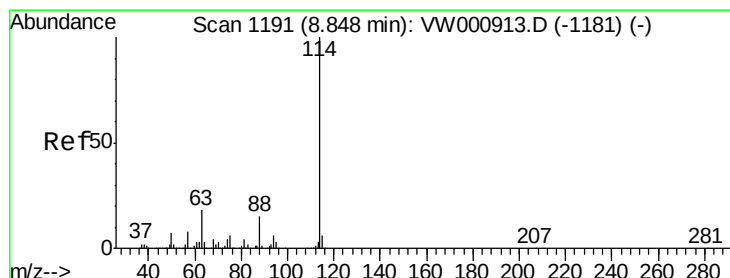
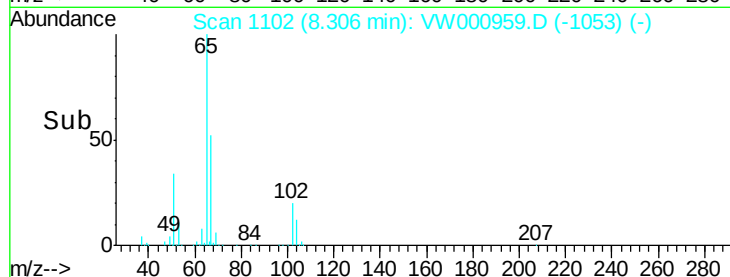
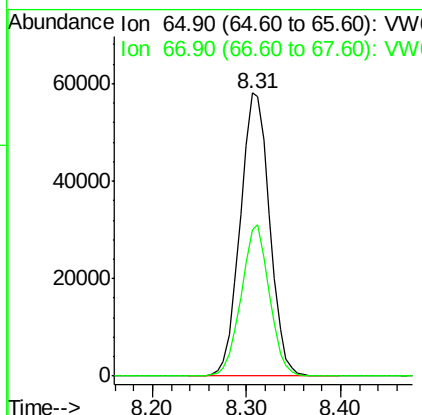
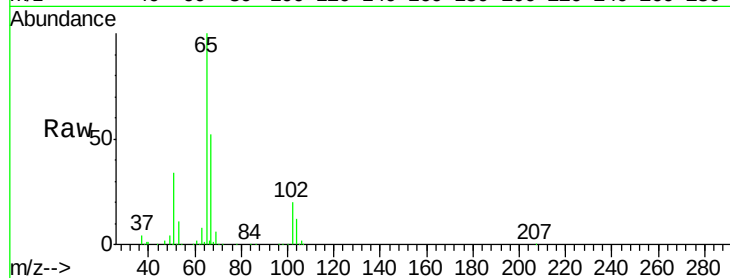




#33
 1,2-Dichloroethane-d4
 Concen: 58.62 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW000959.D
 Acq: 24 Jan 2018 20:17

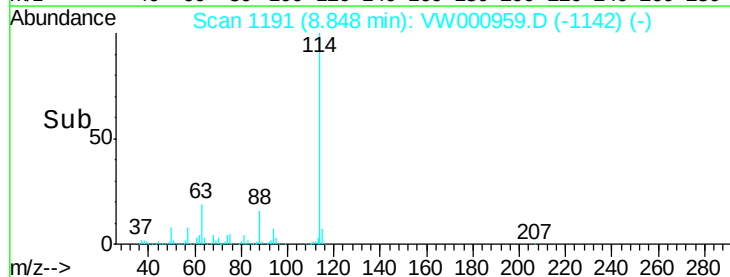
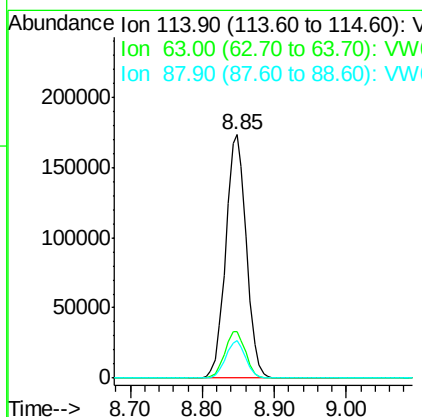
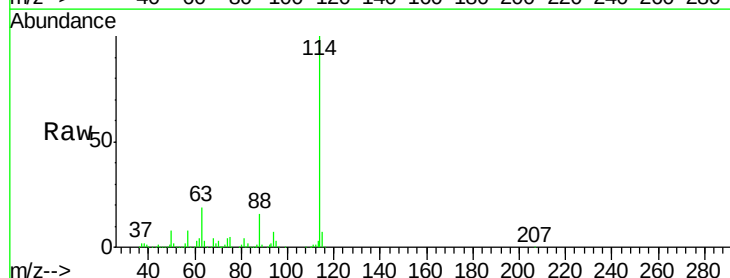
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(5-10)

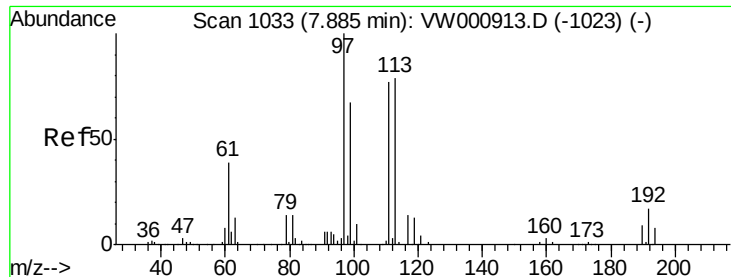
Tot Ion: 65 Resp: 126666
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000959.D
 Acq: 24 Jan 2018 20:17

Tgt Ion: 114 Resp: 344131
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.8
 88 15.6 0.0 29.8

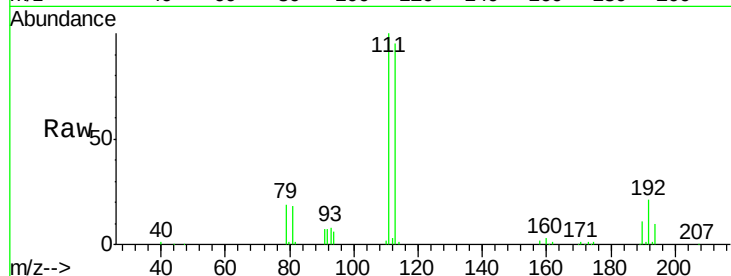




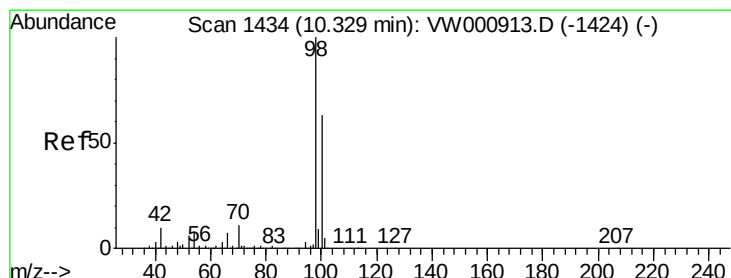
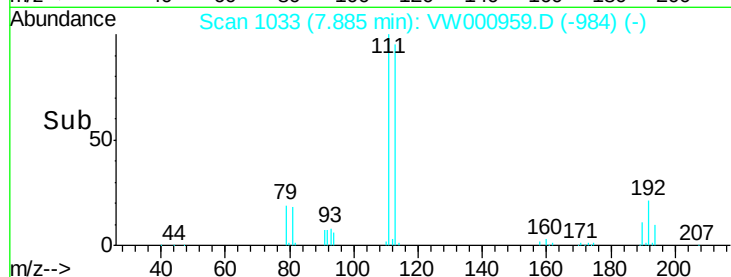
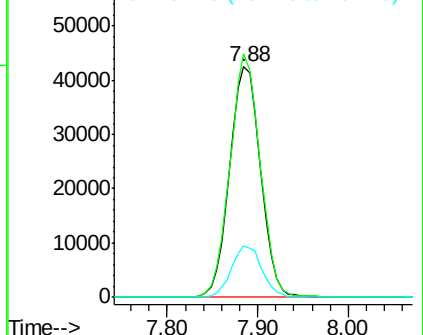
#35
 Dibromofluoromethane
 Concen: 47.88 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW000959.D
 Acq: 24 Jan 2018 20:17

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(5-10)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.4	120.6
192	21.8	17.0	25.4

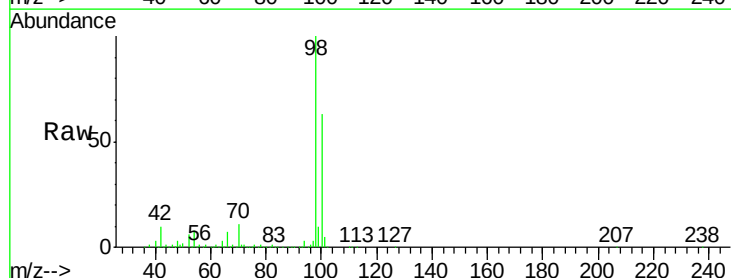


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

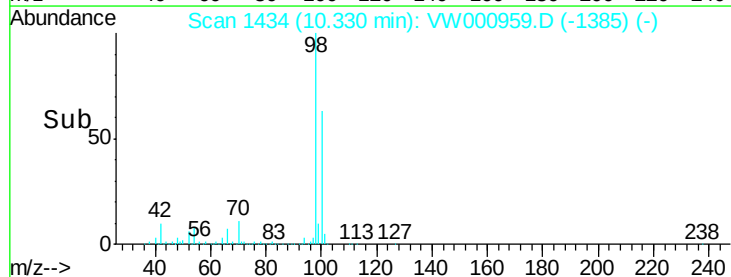
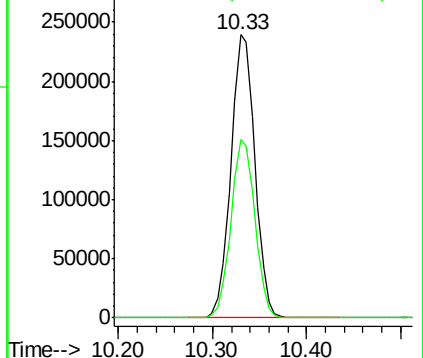


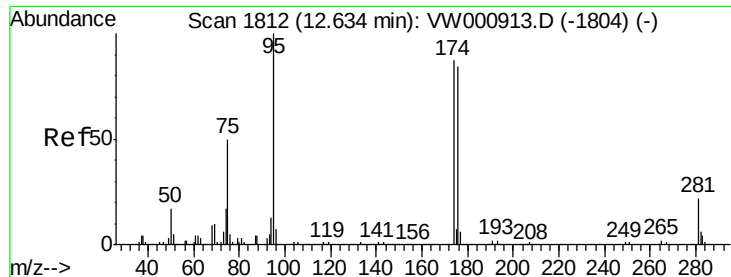
#50
 Toluene-d8
 Concen: 50.98 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW000959.D
 Acq: 24 Jan 2018 20:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.8	76.2



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

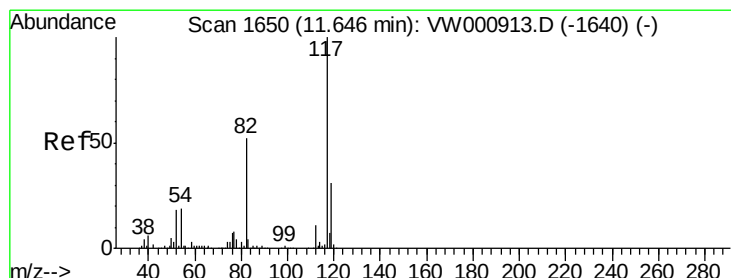
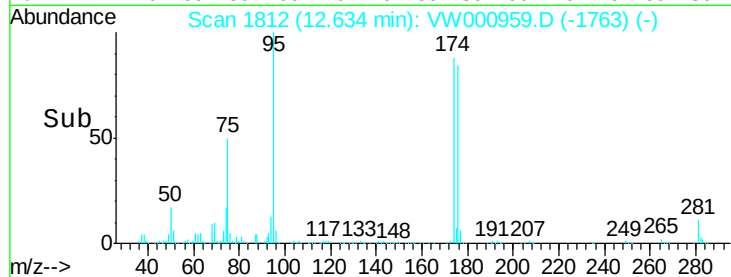
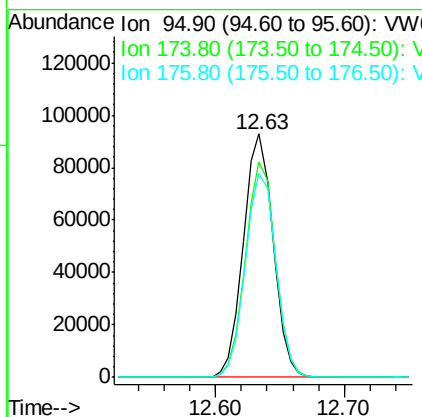
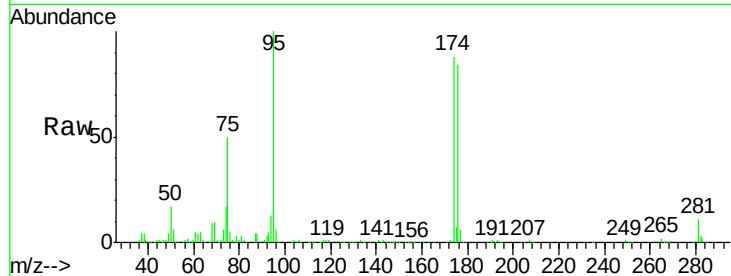




#62
4-Bromofluorobenzene
Concen: 48.83 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

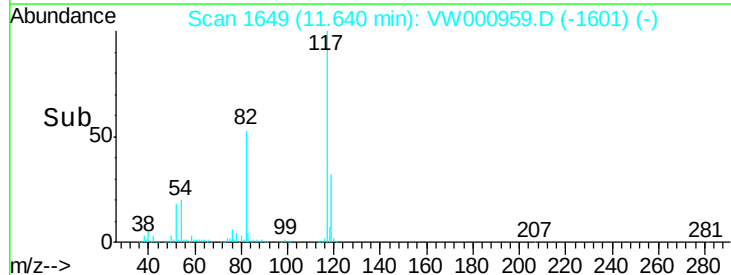
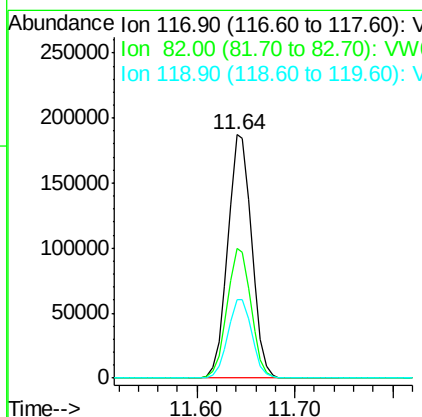
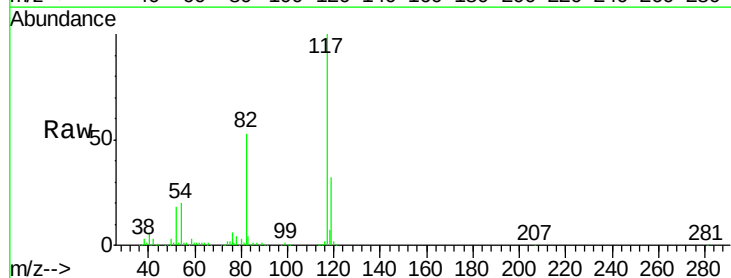
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(5-10)

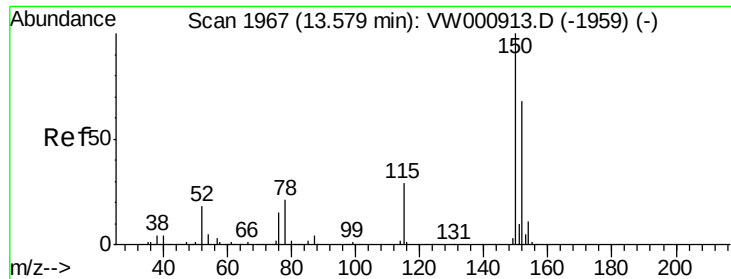
Tot Ion: 95 Resp: 147791
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.8
176 85.5 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VW000959.D
Acq: 24 Jan 2018 20:17

Tgt Ion: 117 Resp: 317291
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.01 min

Lab File: VW000959.D

Acq: 24 Jan 2018 20:17

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(5-10)

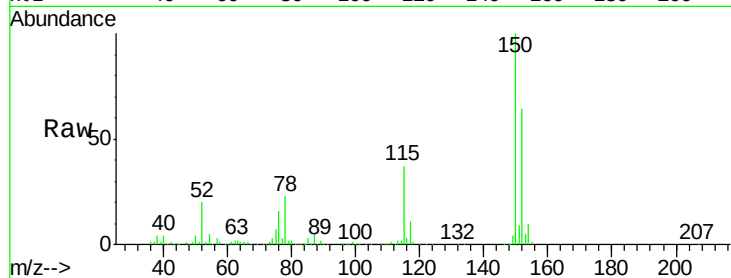
Tot Ion:152 Resp: 163771

Ion Ratio Lower Upper

152 100

115 57.3 28.5 85.5

150 158.9 0.0 342.0



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

