

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006838.D
 Acq On : 13 Nov 2018 06:34
 Operator : SY/AP
 Sample : J5860-09
 Misc : 5.33G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-FD-01-1118

Quant Time: Nov 13 07:36:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

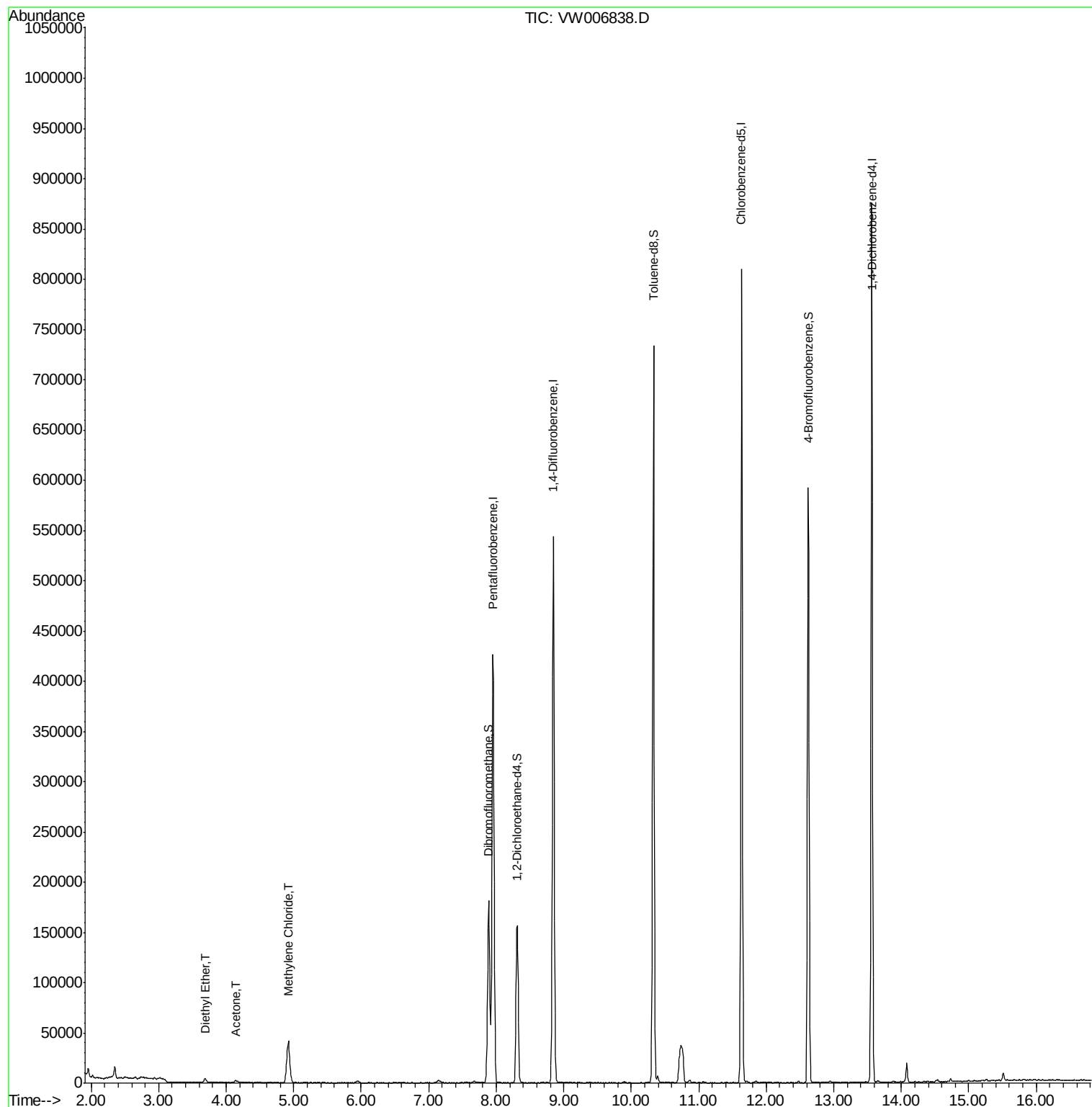
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	356438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	497437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	246891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127842	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.89	113	128761	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
50) Toluene-d8	10.33	98	509628	41.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.02%	
62) 4-Bromofluorobenzene	12.62	95	173928	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.92%	
Target Compounds						
8) Diethyl Ether	3.68	74	2653	1.923	ug/l	Qvalue 100
16) Acetone	4.14	43	4287	11.456	ug/l #	83
20) Methylene Chloride	4.92	84	34790	5.595	ug/l	98

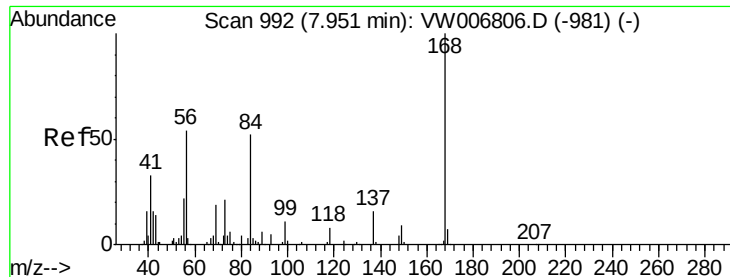
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

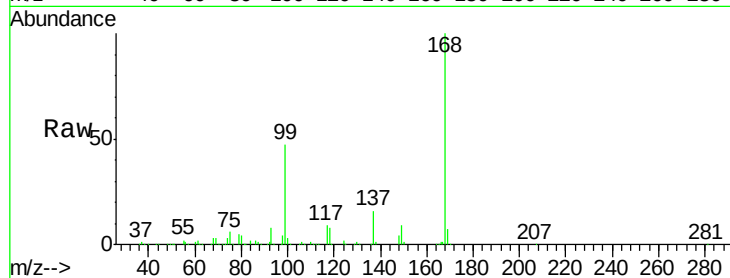
EP2-FD-01-1118

Tgt Ion:168 Resp: 356438

Ion Ratio Lower Upper

168 100

99 47.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

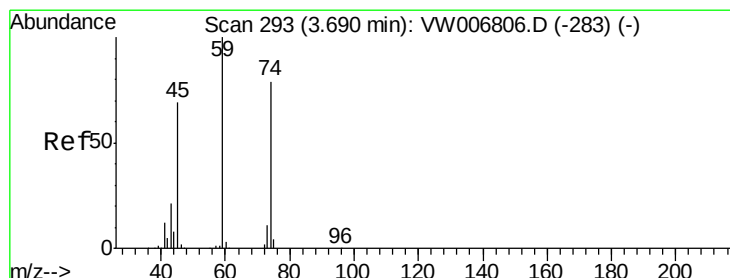
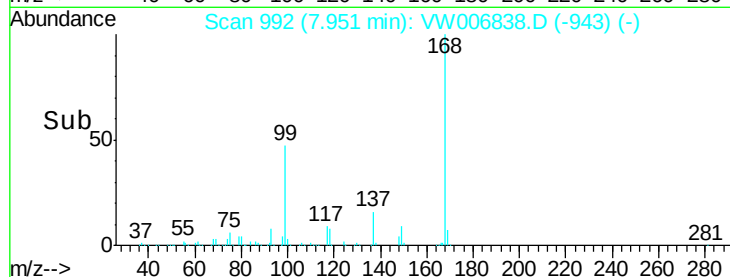
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.923 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW006838.D

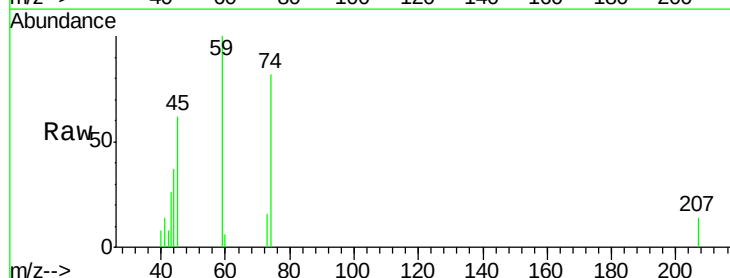
Acq: 13 Nov 2018 06:34

Tgt Ion: 74 Resp: 2653

Ion Ratio Lower Upper

74 100

45 86.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1200

1000

800

600

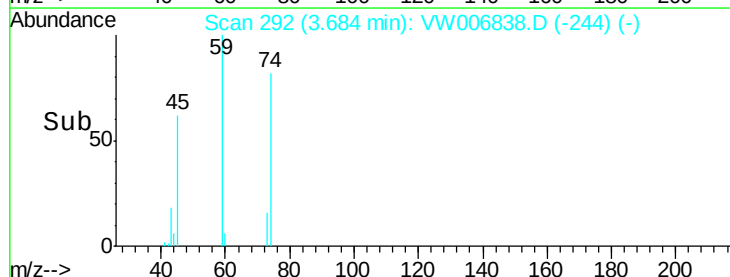
400

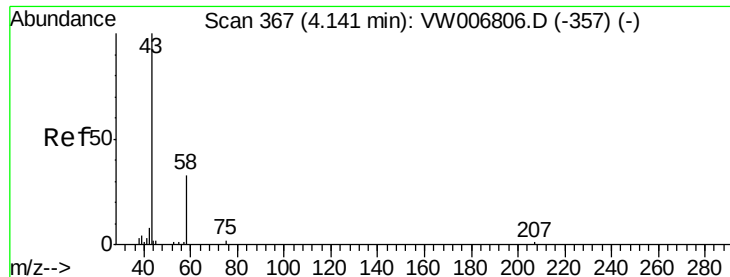
200

0

Time-->

3.60 3.65 3.70 3.75

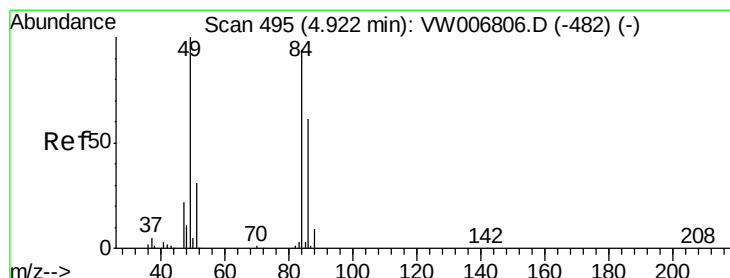
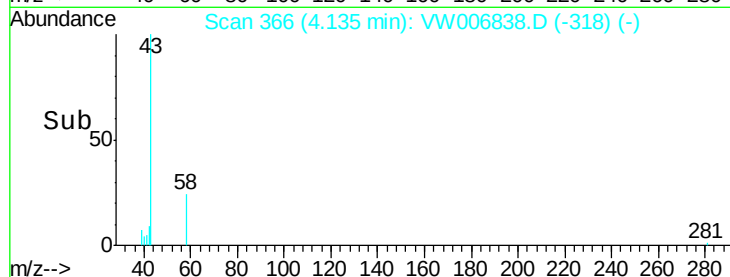
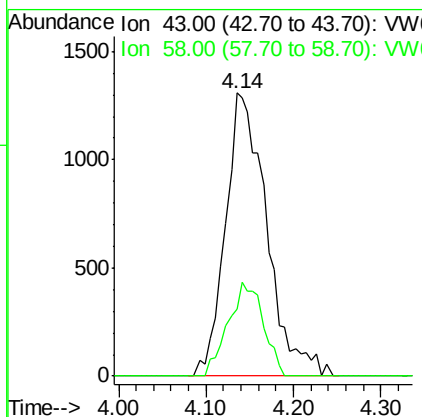
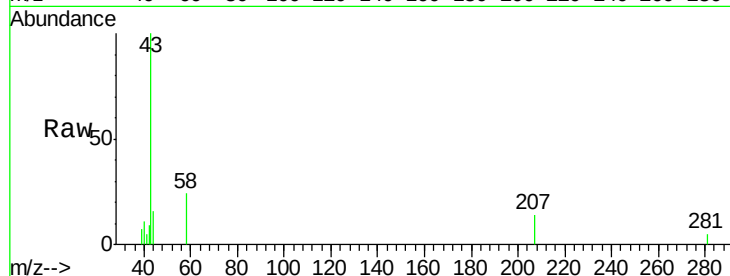




#16
Acetone
Concen: 11.456 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006838.D
Acq: 13 Nov 2018 06:34

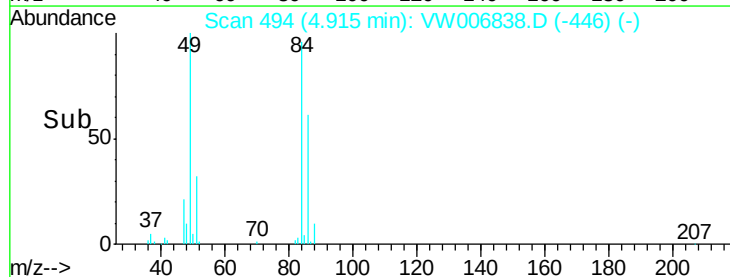
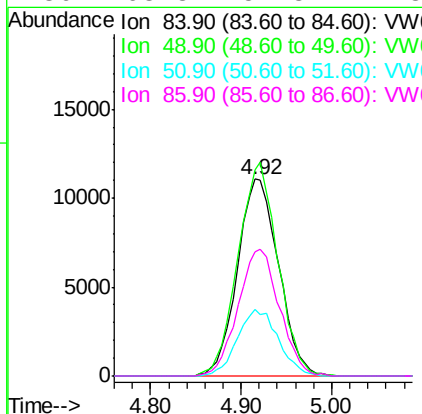
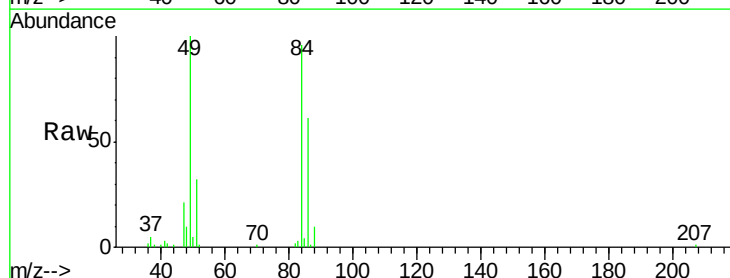
Instrument :
MSVOA_W
ClientSampleId :
EP2-FD-01-1118

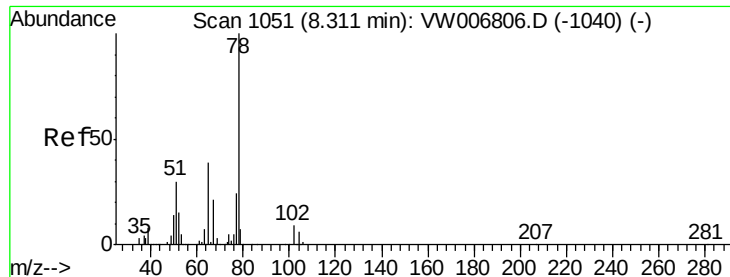
Tgt Ion: 43 Resp: 4287
Ion Ratio Lower Upper
43 100
58 23.7 26.5 39.7#



#20
Methylene Chloride
Concen: 5.595 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006838.D
Acq: 13 Nov 2018 06:34

Tgt Ion: 84 Resp: 34790
Ion Ratio Lower Upper
84 100
49 104.5 84.8 127.2
51 34.0 26.2 39.4
86 63.3 51.8 77.8

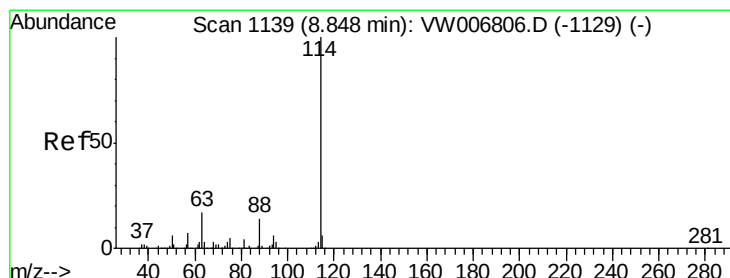
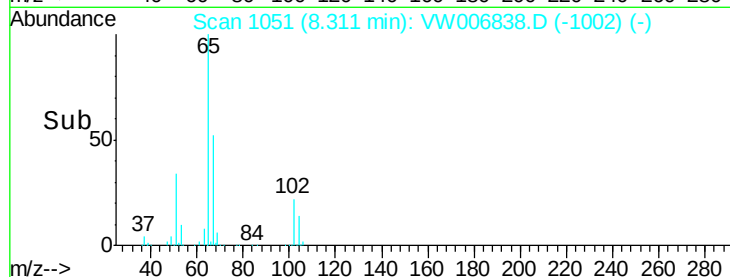
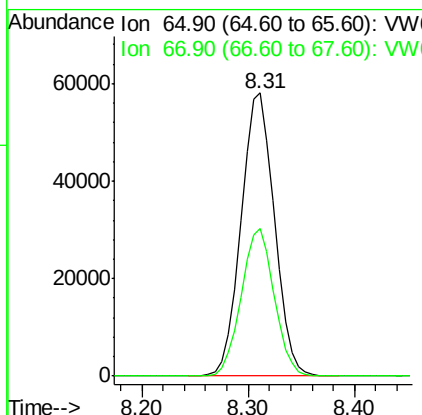
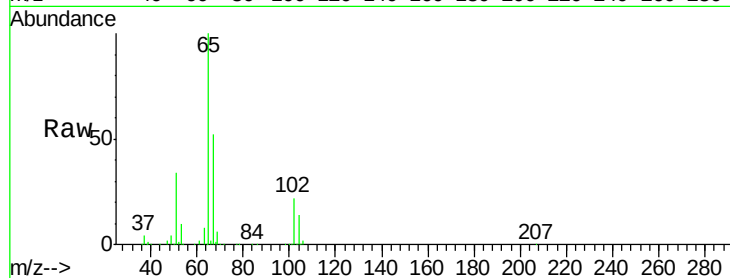




#33
 1,2-Dichloroethane-d4
 Concen: 49.063 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

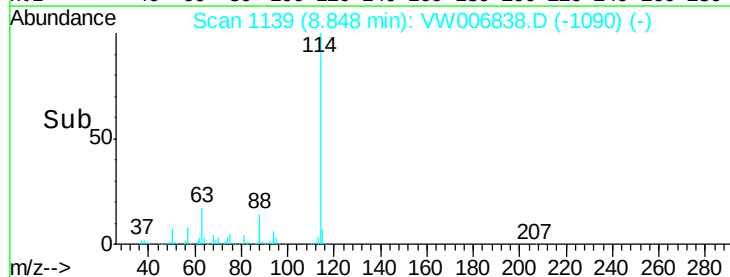
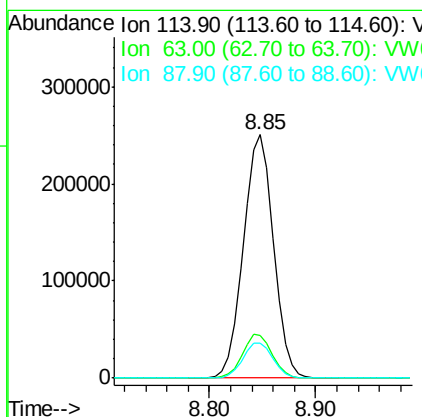
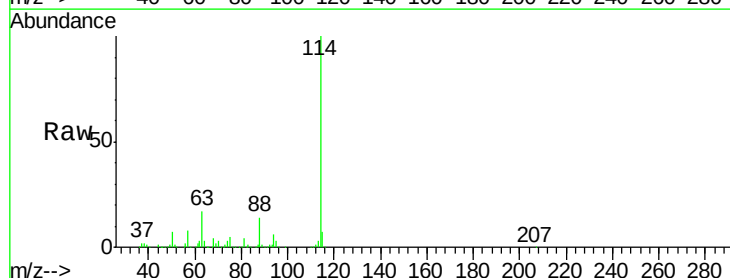
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-FD-01-1118

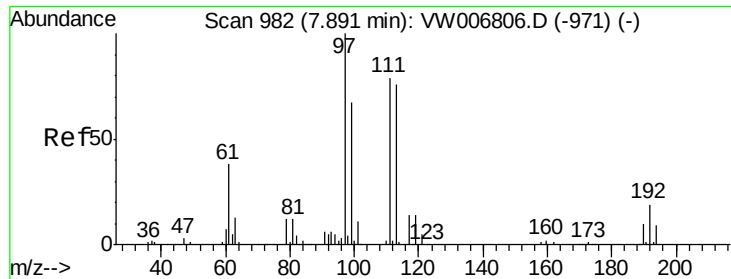
Tgt Ion: 65 Resp: 127842
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

Tgt Ion: 114 Resp: 497437
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.6
 88 14.5 0.0 28.4

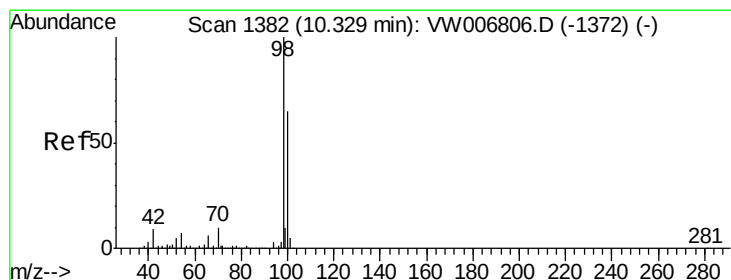
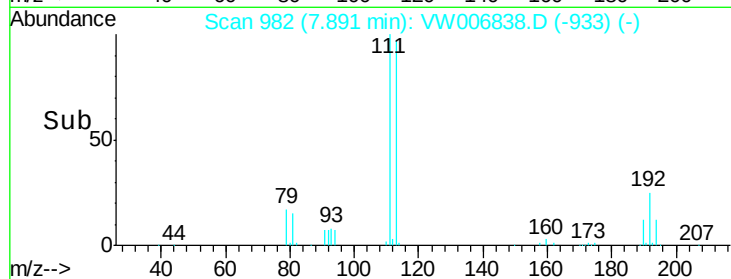
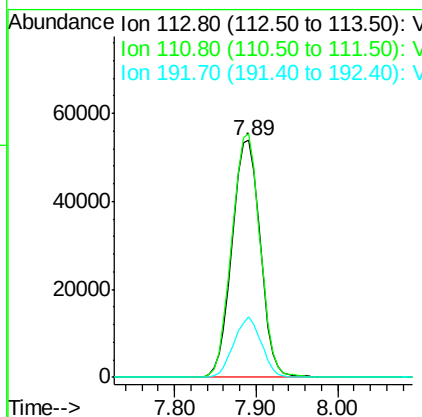
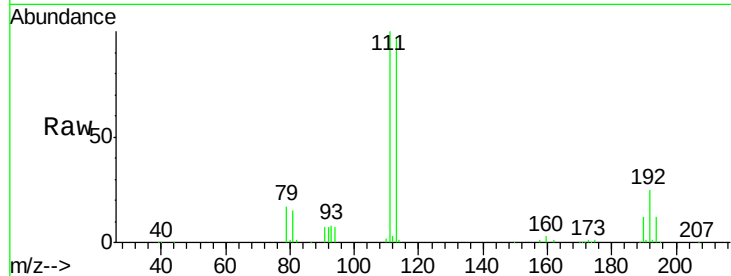




#35
 Dibromofluoromethane
 Concen: 43.470 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

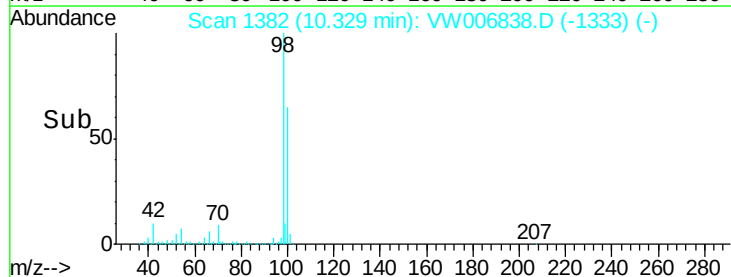
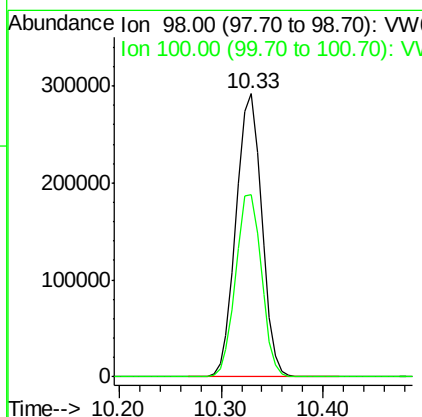
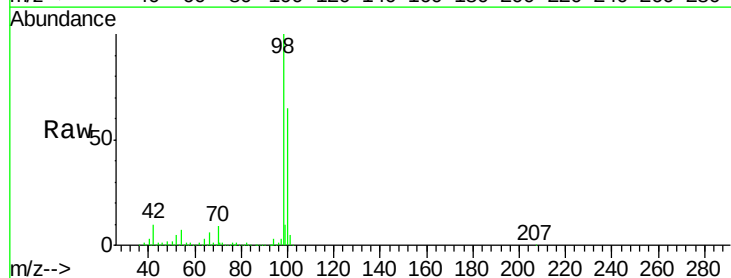
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-FD-01-1118

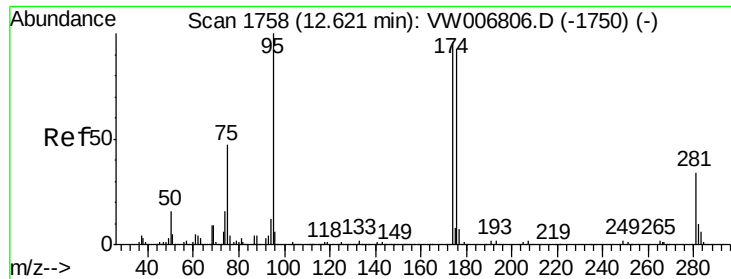
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.6
192	24.6	19.0	28.6



#50
 Toluene-d8
 Concen: 41.509 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 38.463 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-FD-01-1118

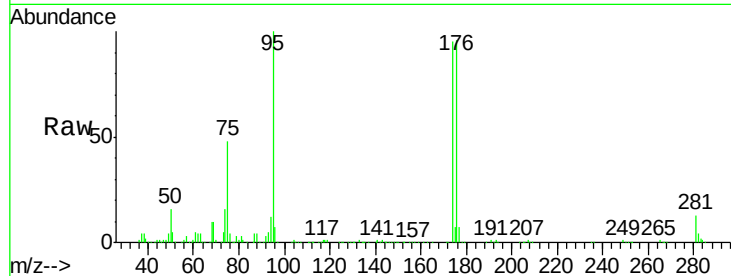
Tgt Ion: 95 Resp: 173928

Ion Ratio Lower Upper

95 100

174 99.4 0.0 196.6

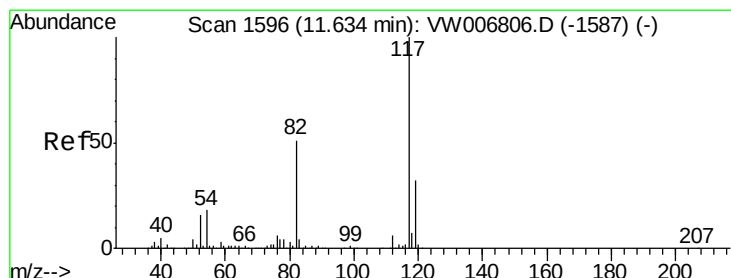
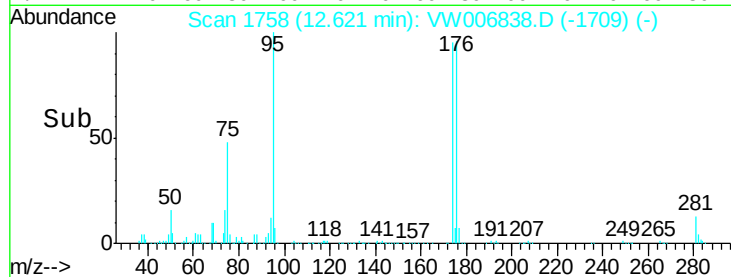
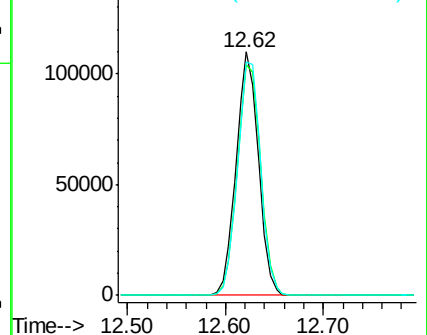
176 99.2 0.0 191.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

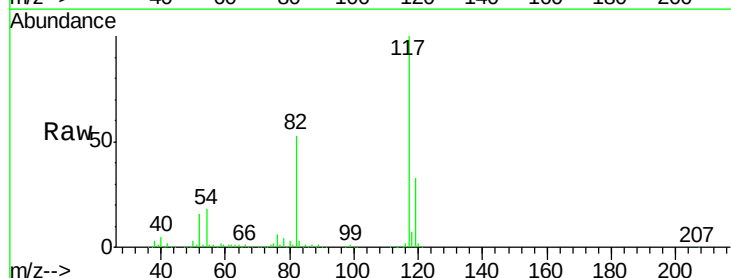
Tgt Ion: 117 Resp: 477954

Ion Ratio Lower Upper

117 100

82 53.1 40.6 61.0

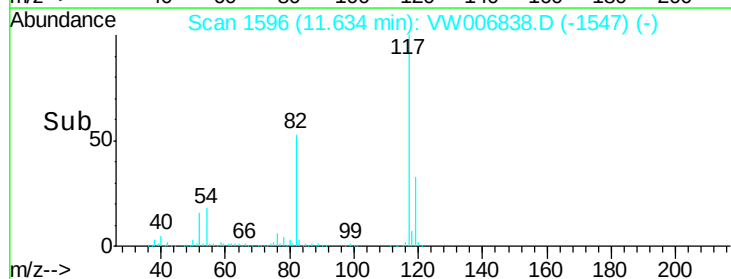
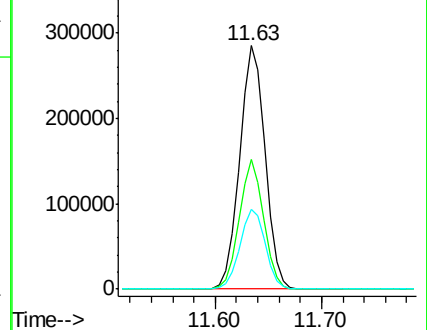
119 32.6 25.5 38.3

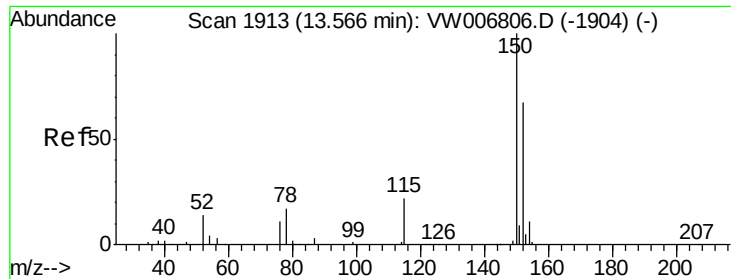


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-FD-01-1118

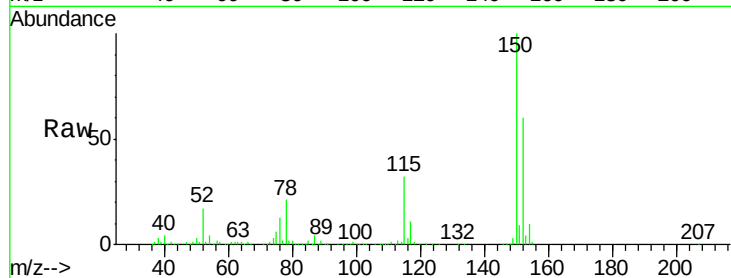
Tgt Ion:152 Resp: 246891

Ion Ratio Lower Upper

152 100

115 53.3 27.3 81.8

150 160.4 0.0 353.0



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

