

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006836.D
 Acq On : 13 Nov 2018 05:43
 Operator : SY/AP
 Sample : J5860-07
 Misc : 5.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-107(14-16)

Quant Time: Nov 13 07:33:37 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

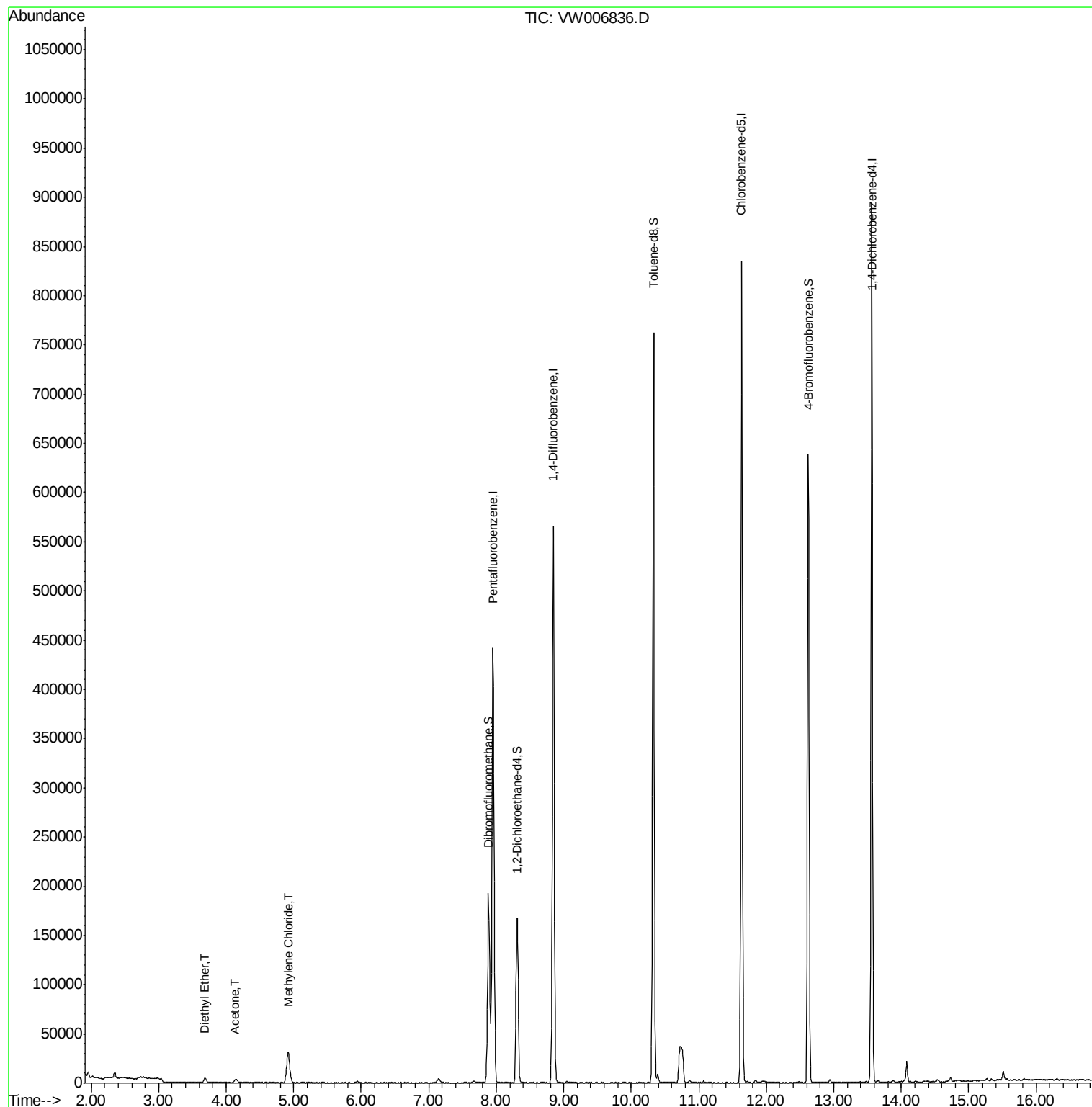
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	365958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	522272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	498611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	263407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136862	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.89	113	137627	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
50) Toluene-d8	10.33	98	532227	41.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.58%	
62) 4-Bromofluorobenzene	12.62	95	192313	40.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.02%	
Target Compounds						
8) Diethyl Ether	3.68	74	2731	1.928	ug/l	95
16) Acetone	4.14	43	7817	20.346	ug/l	91
20) Methylene Chloride	4.92	84	26925	2.789	ug/l	96

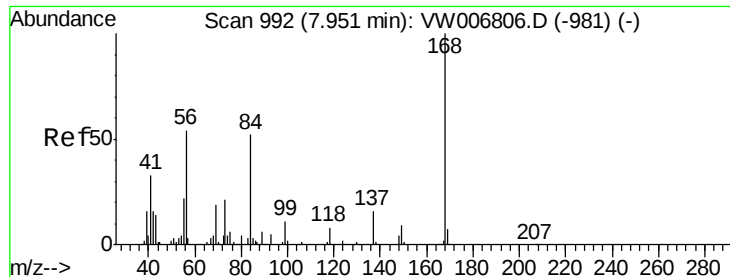
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006836.D

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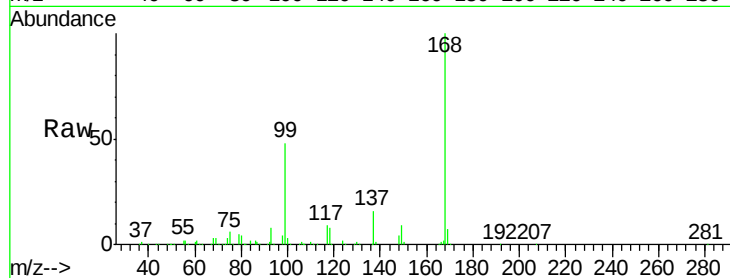
EP2-SB-107(14-16)

Tgt Ion:168 Resp: 365958

Ion Ratio Lower Upper

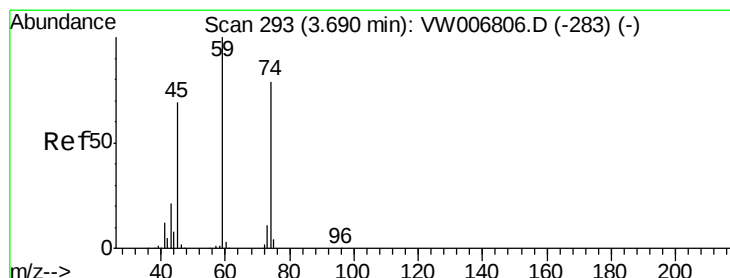
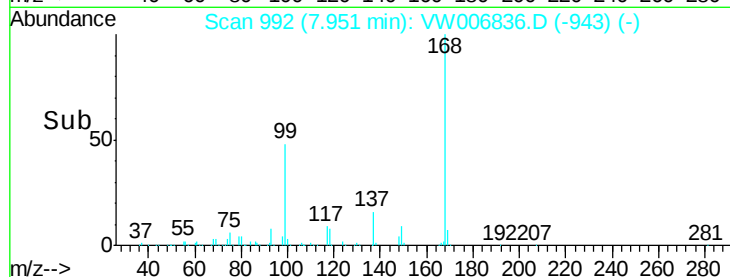
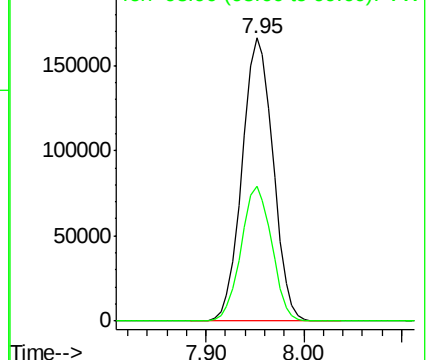
168 100

99 47.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.928 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW006836.D

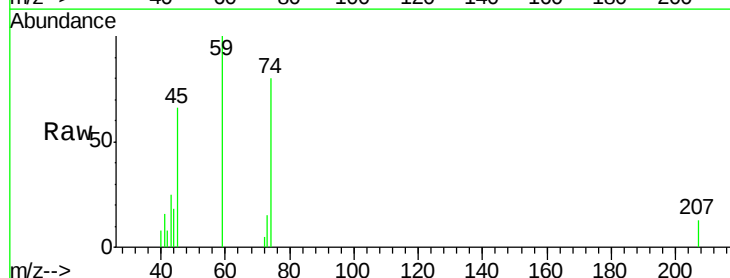
Acq: 13 Nov 2018 05:43

Tgt Ion: 74 Resp: 2731

Ion Ratio Lower Upper

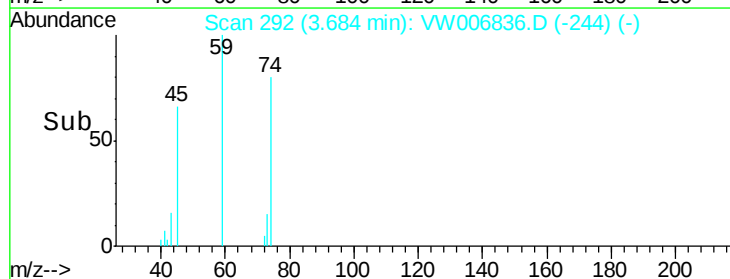
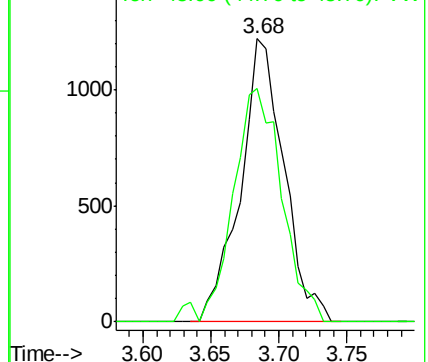
74 100

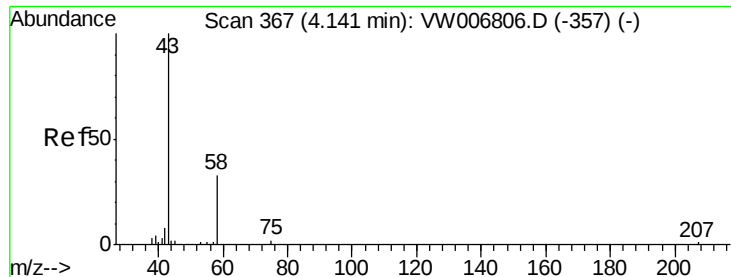
45 90.7 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 20.346 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006836.D

Acq: 13 Nov 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

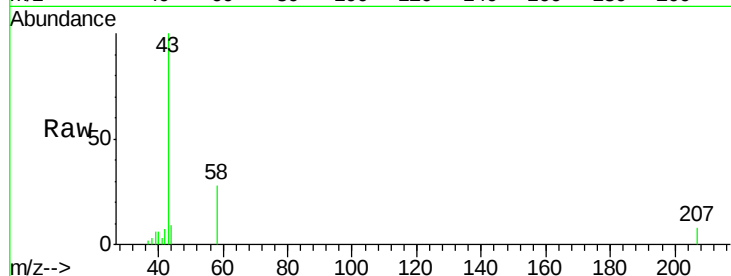
EP2-SB-107(14-16)

Tgt Ion: 43 Resp: 7817

Ion Ratio Lower Upper

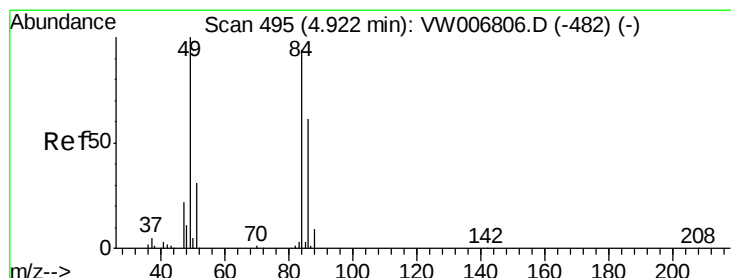
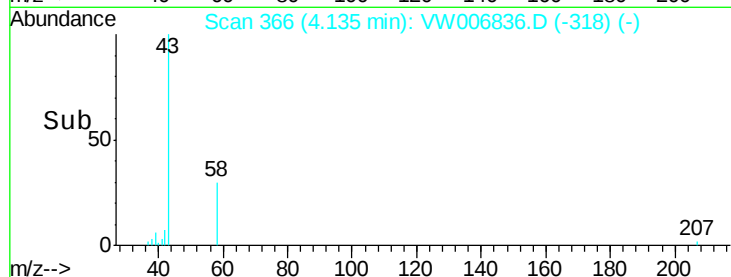
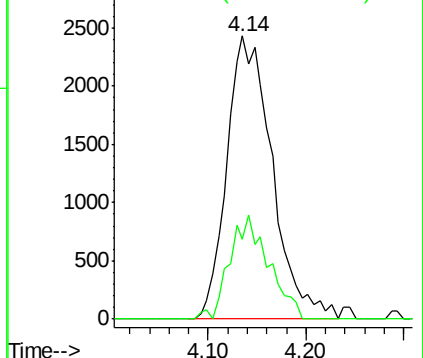
43 100

58 28.2 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.789 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW006836.D

Acq: 13 Nov 2018 05:43

Tgt Ion: 84 Resp: 26925

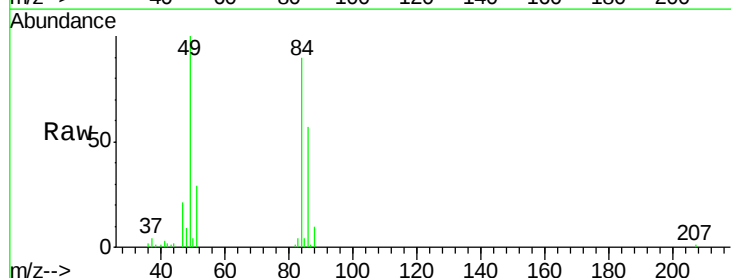
Ion Ratio Lower Upper

84 100

49 111.2 84.8 127.2

51 32.0 26.2 39.4

86 62.9 51.8 77.8

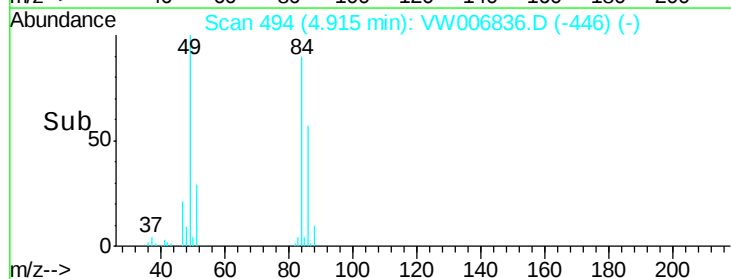
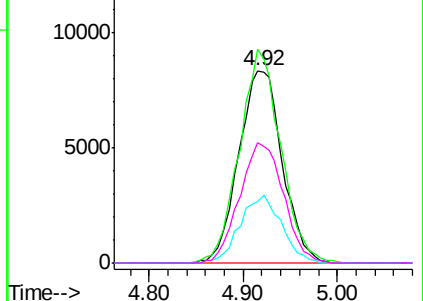


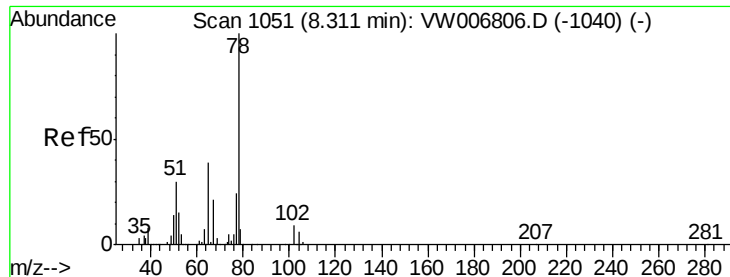
Abundance Ion 83.90 (83.60 to 84.60): VW

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

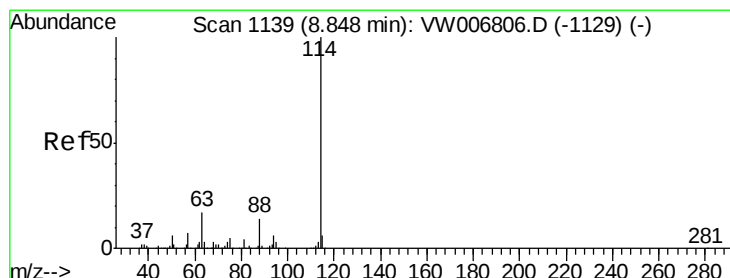
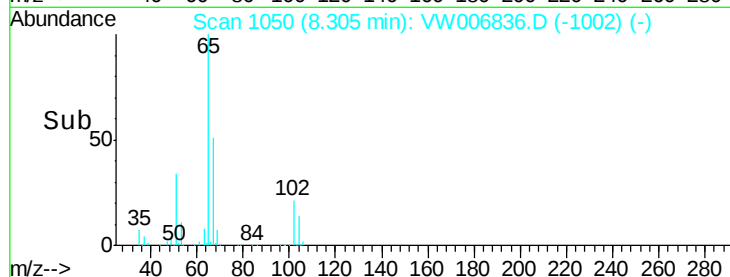
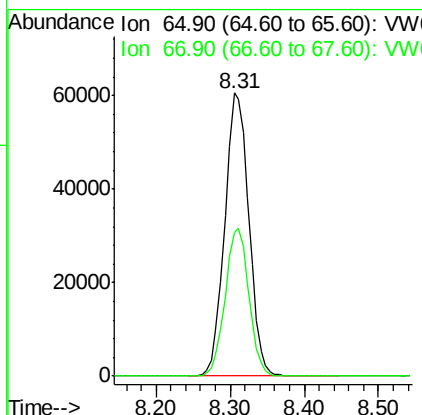
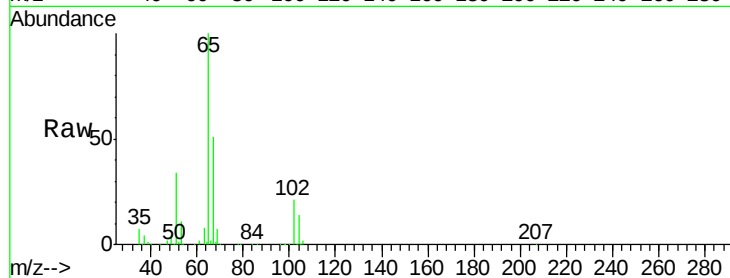




#33
 1,2-Dichloroethane-d4
 Concen: 51.159 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006836.D
 Acq: 13 Nov 2018 05:43

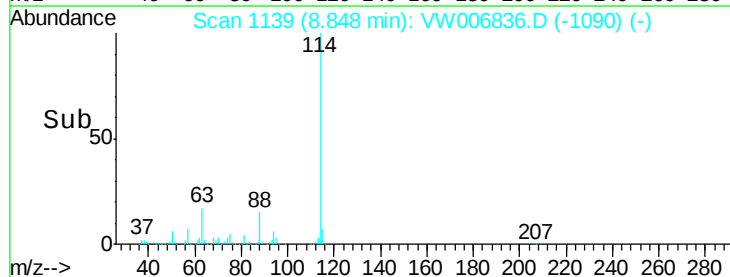
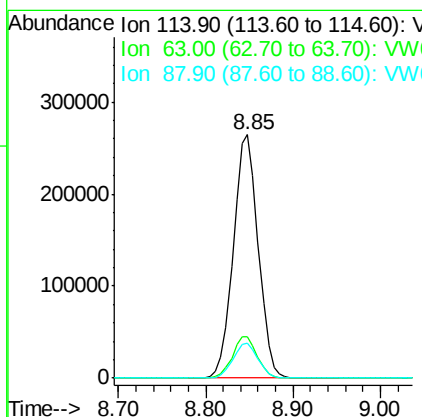
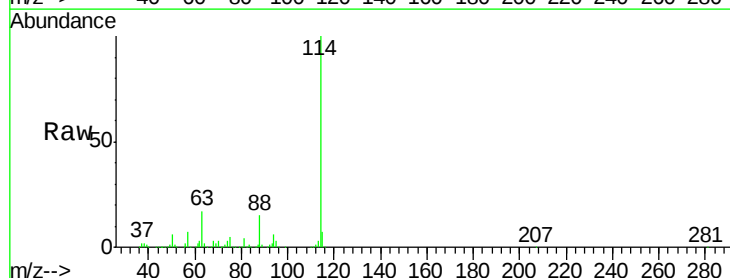
Instrument :
 MSVOA_W
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 EP2-SB-107(14-16)

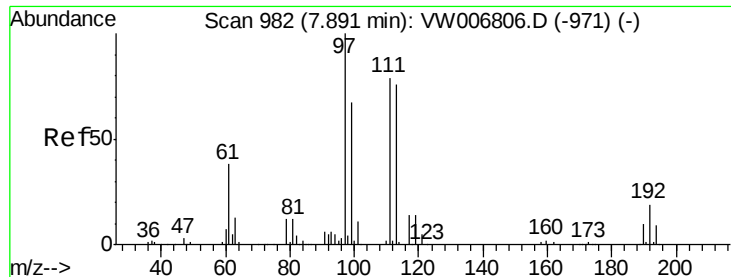
Tgt Ion: 65 Resp: 136862
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006836.D
 Acq: 13 Nov 2018 05:43

Tgt Ion: 114 Resp: 522272
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.6
 88 14.5 0.0 28.4





#35

Dibromofluoromethane

Concen: 44.253 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006836.D

Acq: 13 Nov 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-107(14-16)

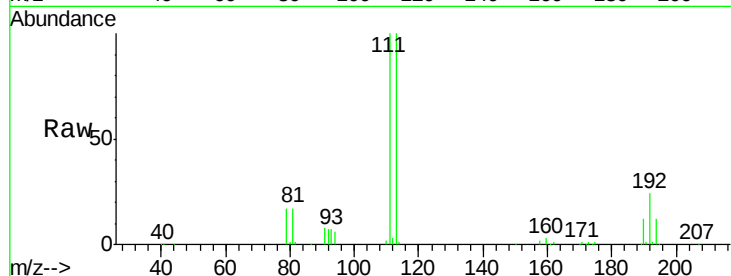
Tgt Ion:113 Resp: 137627

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.6

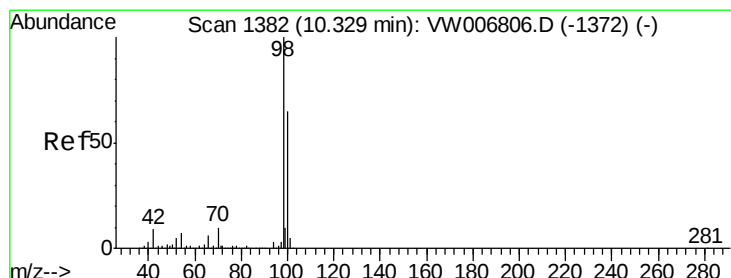
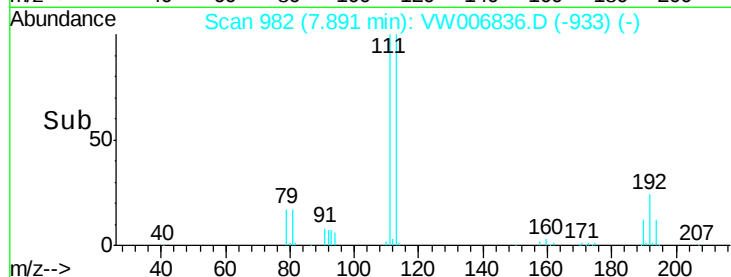
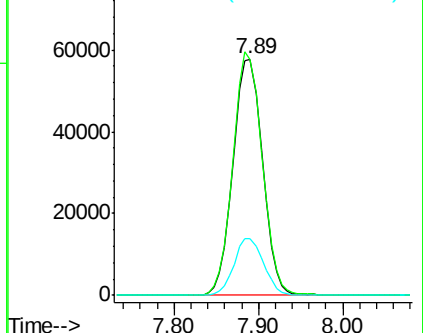
192 24.0 19.0 28.6



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: 41.289 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006836.D

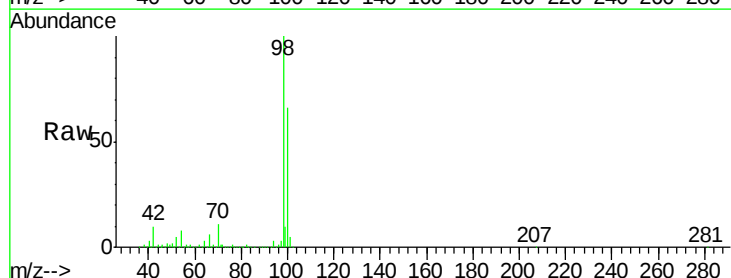
Acq: 13 Nov 2018 05:43

Tgt Ion: 98 Resp: 532227

Ion Ratio Lower Upper

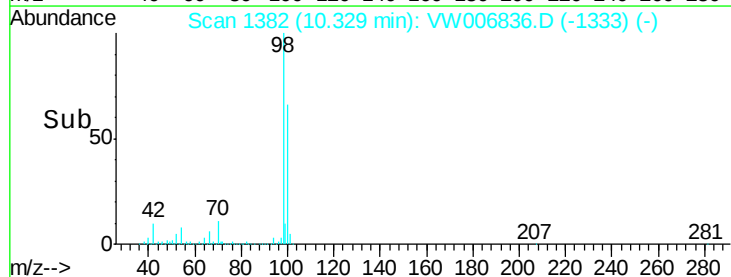
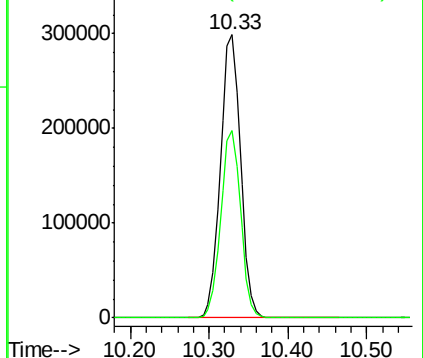
98 100

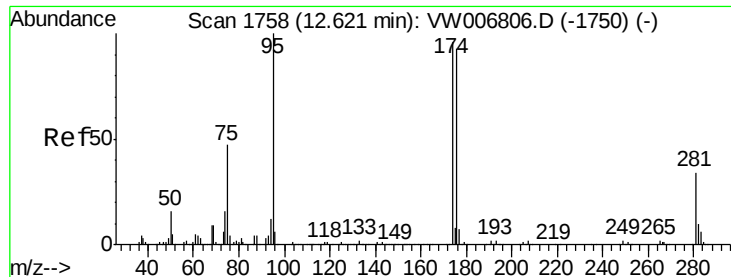
100 65.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

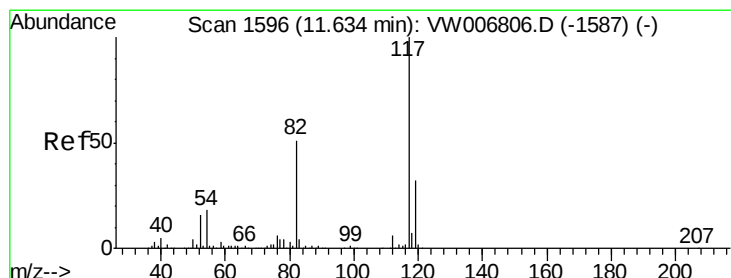
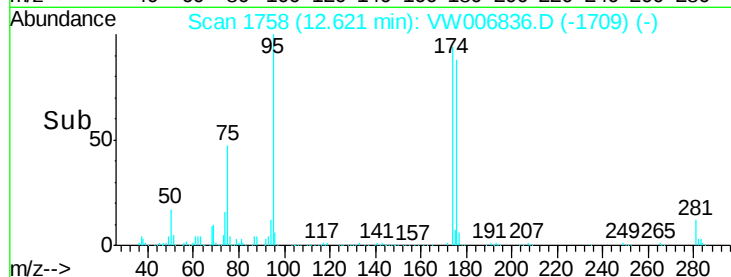
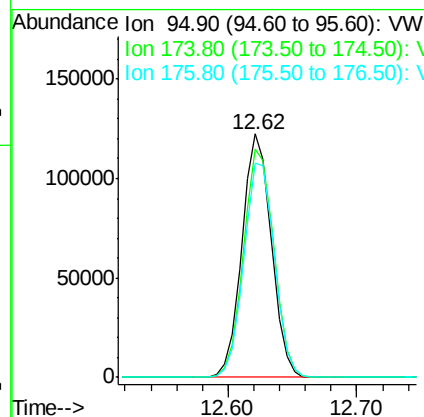
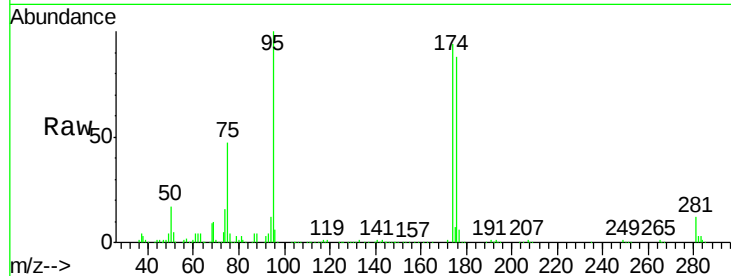




#62
4-Bromofluorobenzene
Concen: 40.507 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006836.D
Acq: 13 Nov 2018 05:43

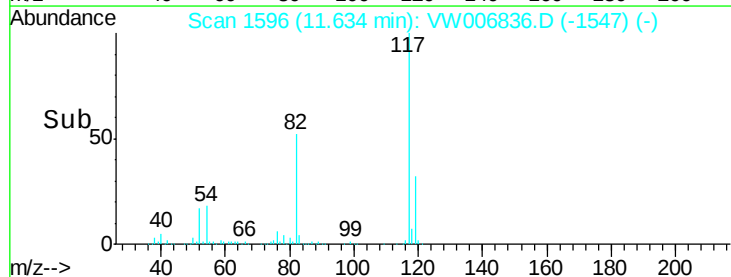
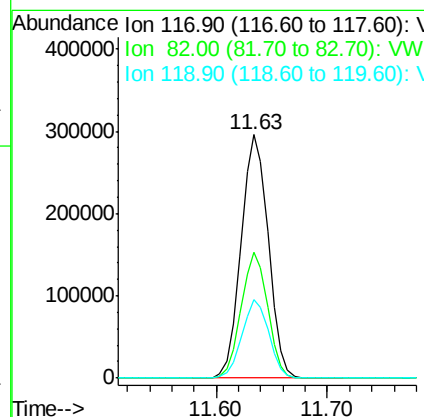
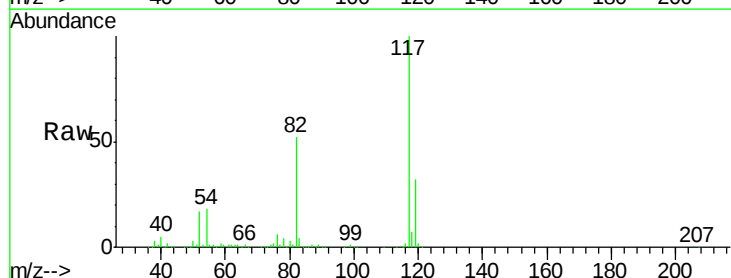
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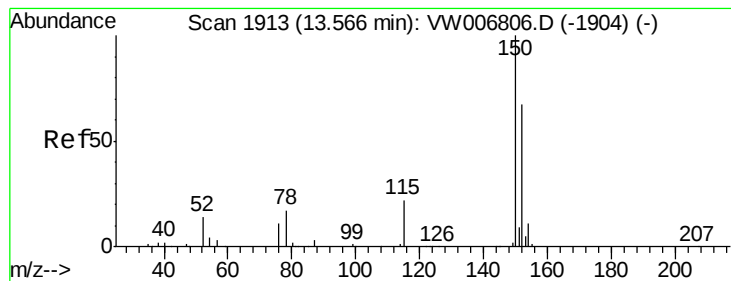
Tgt Ion: 95 Resp: 192313
Ion Ratio Lower Upper
95 100
174 96.7 0.0 196.6
176 91.6 0.0 191.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006836.D
Acq: 13 Nov 2018 05:43

Tgt Ion: 117 Resp: 498611
Ion Ratio Lower Upper
117 100
82 51.7 40.6 61.0
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006836.D

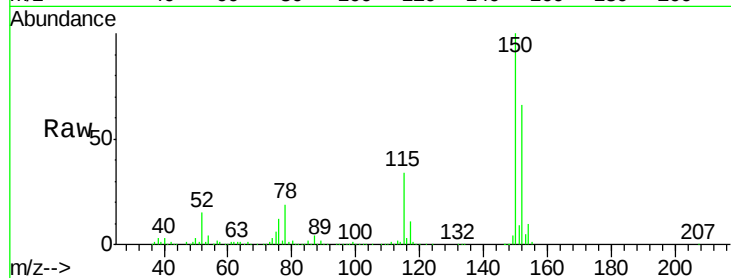
Acq: 13 Nov 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-107(14-16)



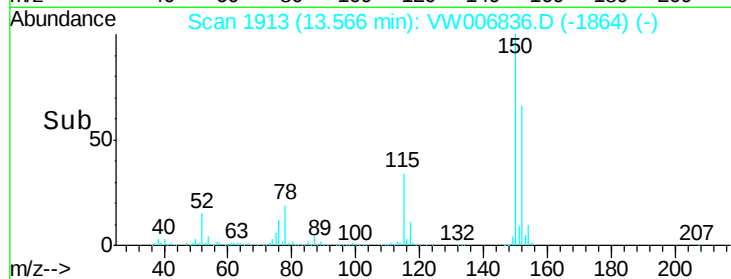
Tgt Ion:152 Resp: 263407

Ion Ratio Lower Upper

152 100

115 52.7 27.3 81.8

150 152.6 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

