

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006854.D
 Acq On : 13 Nov 2018 15:12
 Operator : SY/AP
 Sample : J5860-21
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-110(14-16)

Quant Time: Nov 20 11:25:50 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

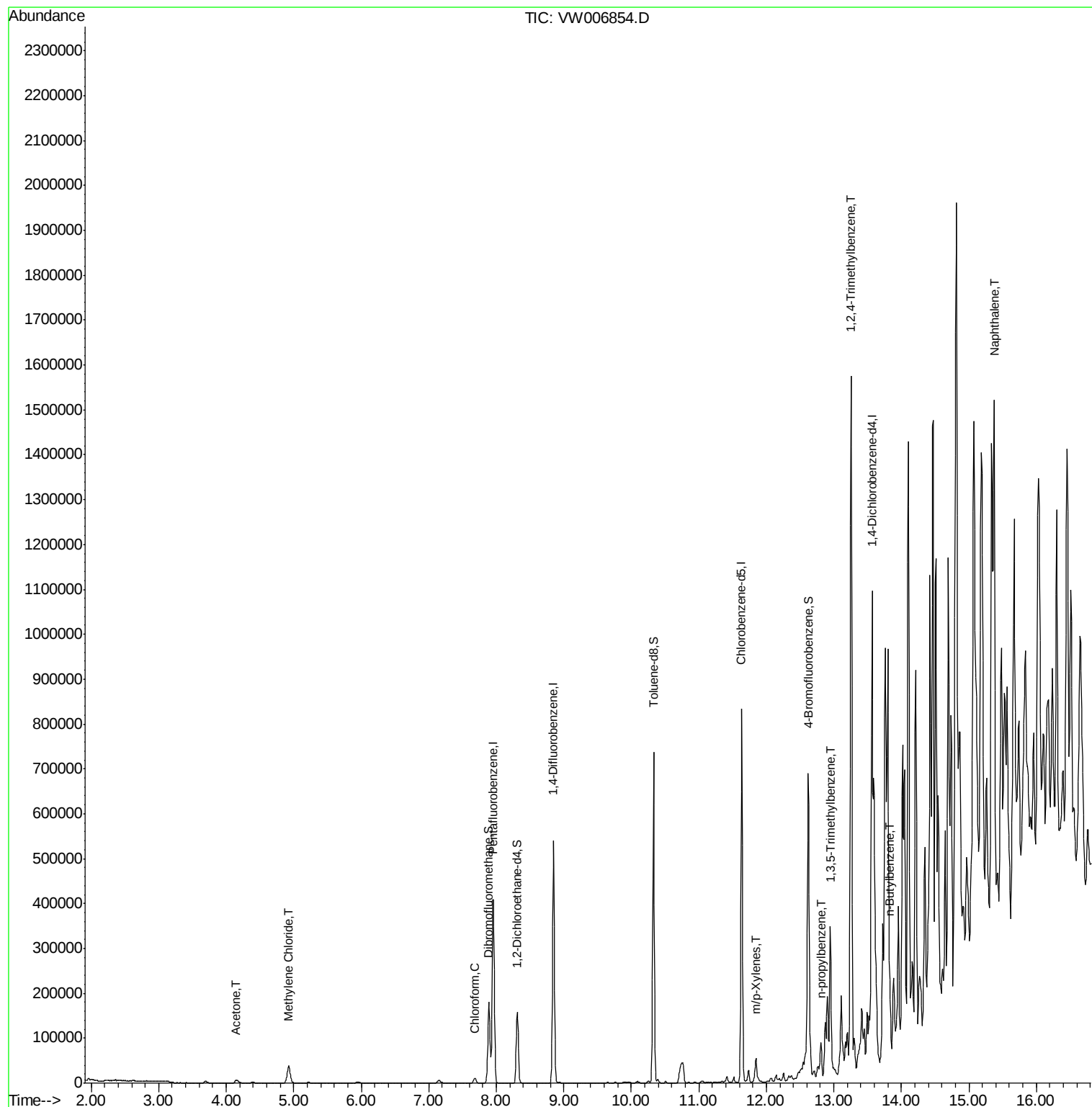
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	352321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	491775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	278804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124825	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	7.89	113	126884	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
50) Toluene-d8	10.33	98	510124	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
62) 4-Bromofluorobenzene	12.62	95	199385	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	13155	35.565	ug/l	98
20) Methylene Chloride	4.93	84	32229	4.880	ug/l	92
30) Chloroform	7.68	83	10052	1.910	ug/l	97
68) m/p-Xylenes	11.85	106	14047	1.823	ug/l	95
78) n-propylbenzene	12.81	91	56983	2.495	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	159206	9.569	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	873816	51.611	ug/l	99
89) n-Butylbenzene	13.83	91	63312	3.655	ug/l #	60
95) Naphthalene	15.38	128	932513	95.363	ug/l #	95

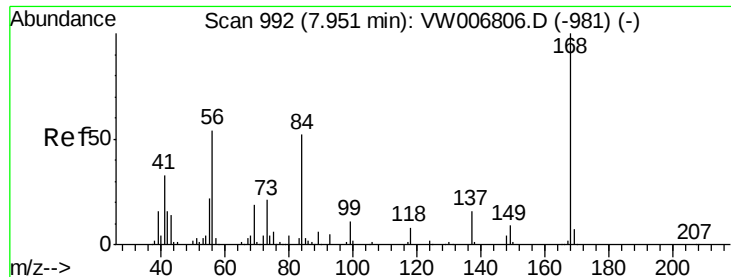
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP2-SB-110(14-16)

Quant Time: Nov 20 11:25:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006854.D

Acq: 13 Nov 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

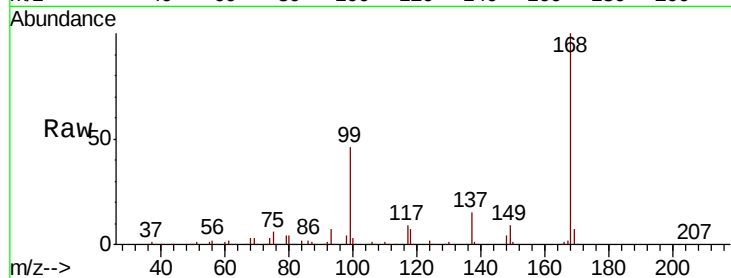
EP2-SB-110(14-16)

Tot Ion:168 Resp: 352321

Ion Ratio Lower Upper

168 100

99 46.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

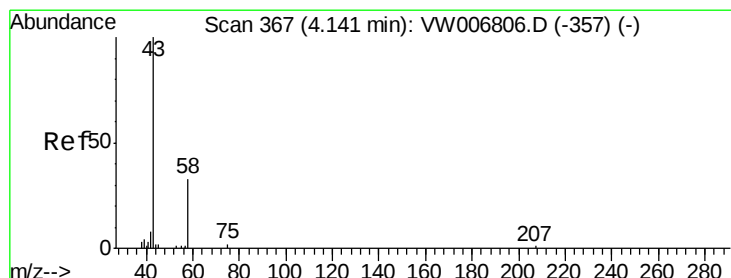
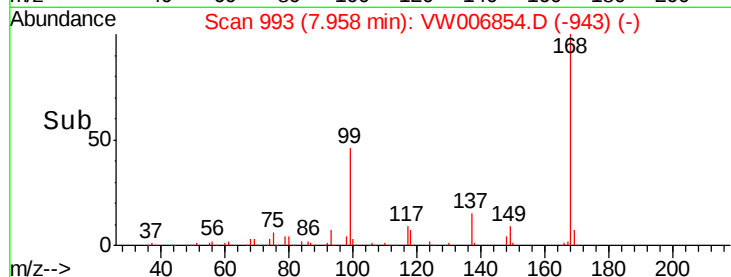
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 35.565 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006854.D

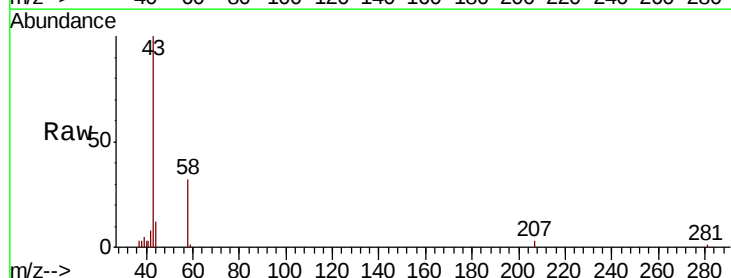
Acq: 13 Nov 2018 15:12

Tgt Ion: 43 Resp: 13155

Ion Ratio Lower Upper

43 100

58 31.9 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

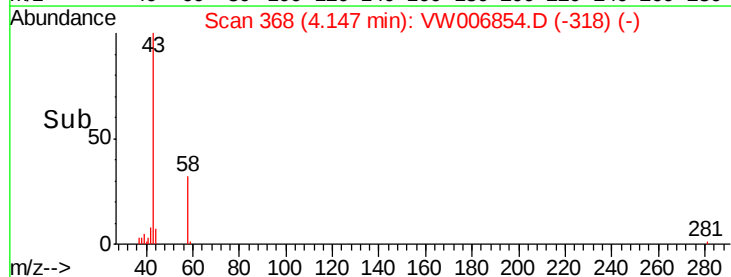
3000

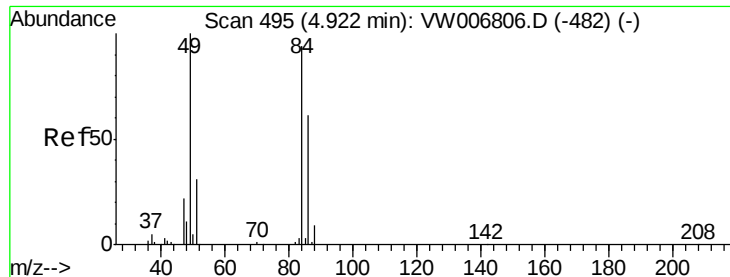
2000

1000

0

Time-->

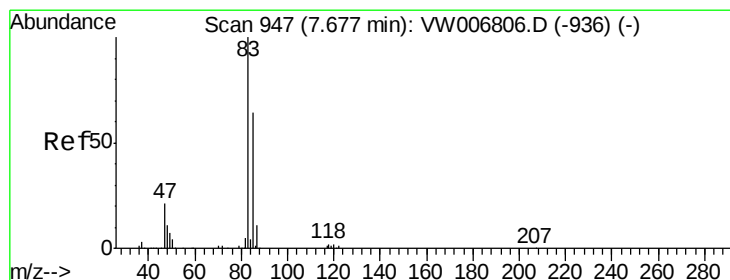
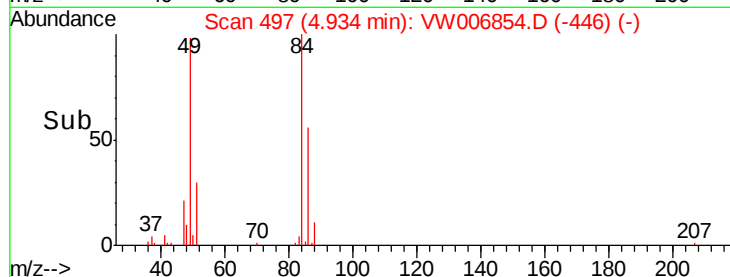
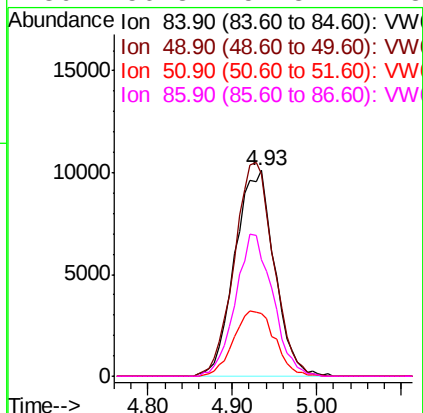
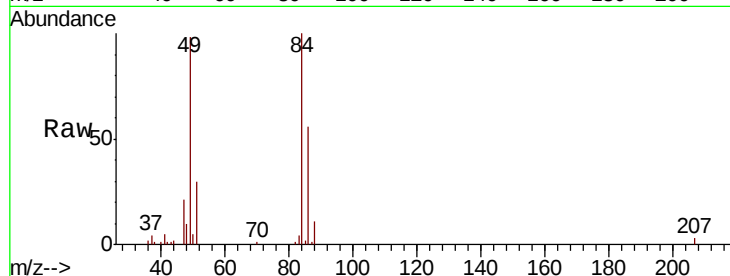




#20
Methvlene Chloride
Concen: 4.880 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW006854.D
Acq: 13 Nov 2018 15:12

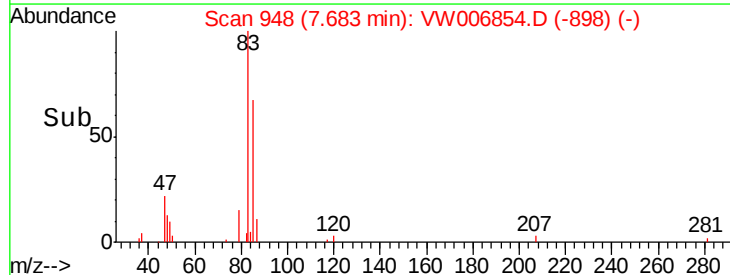
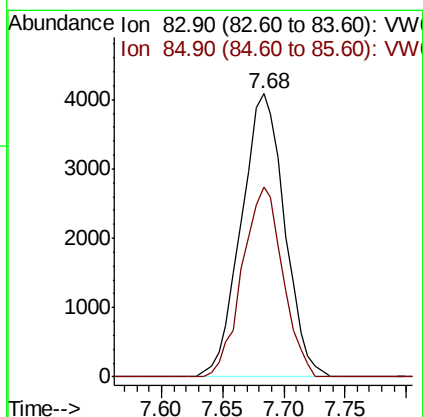
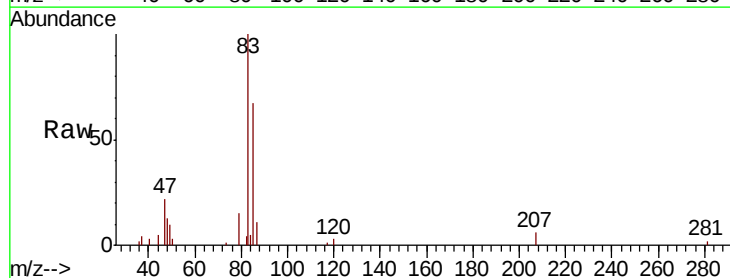
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

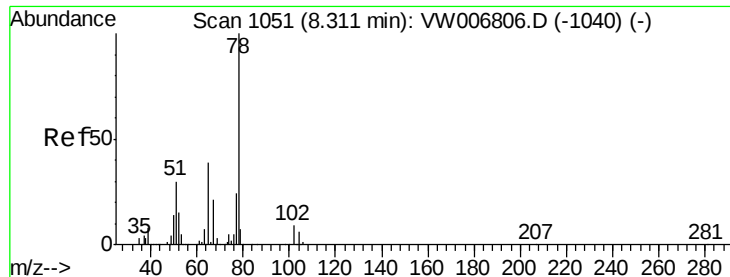
Tot Ion:	84	Resp:	32229
Ion	Ratio	Lower	Upper
84	100		
49	98.1	84.8	127.2
51	30.5	26.2	39.4
86	56.3	51.8	77.8



#30
Chloroform
Concen: 1.910 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006854.D
Acq: 13 Nov 2018 15:12

Tgt Ion:	83	Resp:	10052
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.5	77.3

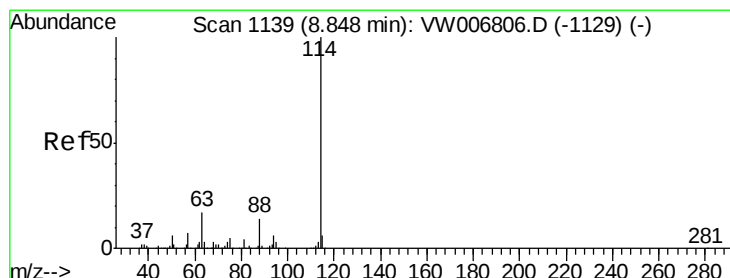
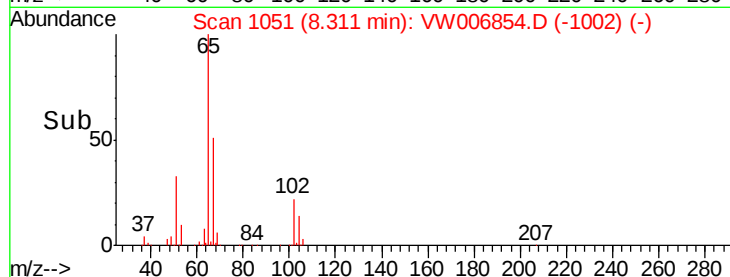
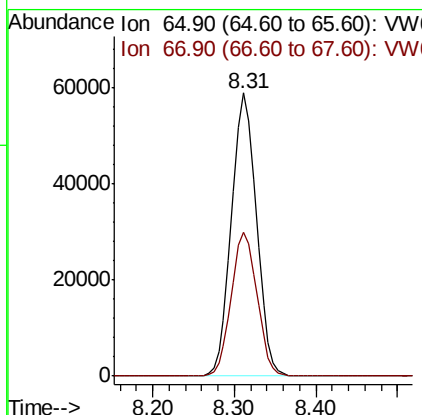
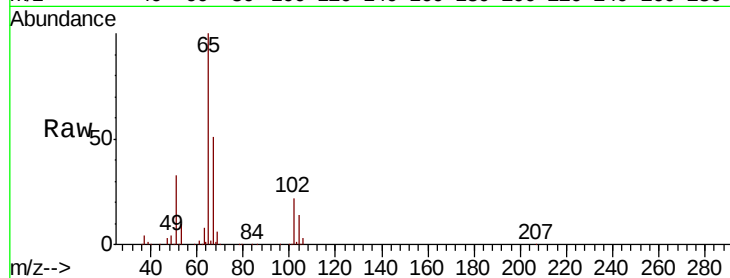




#33
 1,2-Dichloroethane-d4
 Concen: 48.465 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006854.D
 Acq: 13 Nov 2018 15:12

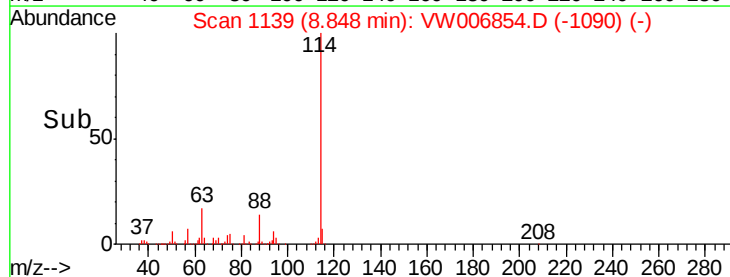
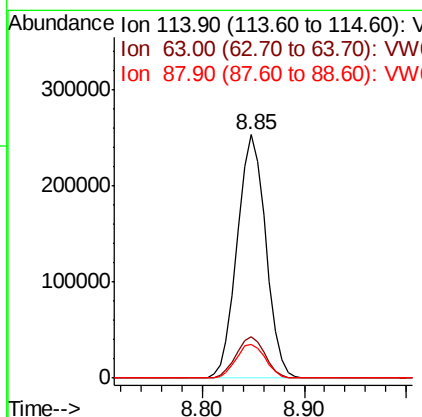
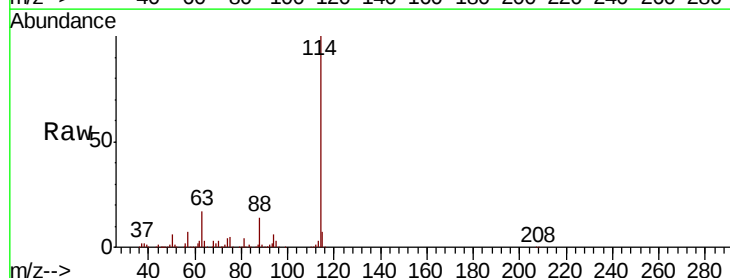
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-110(14-16)

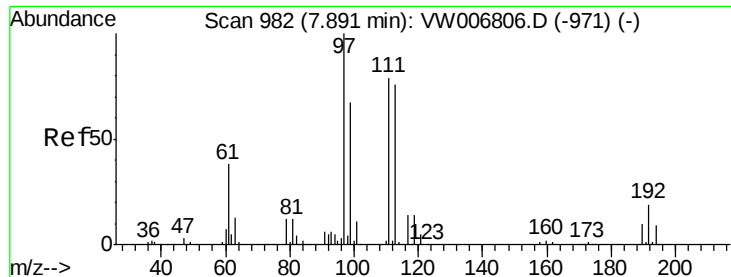
Tot Ion: 65 Resp: 124825
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006854.D
 Acq: 13 Nov 2018 15:12

Tgt Ion: 114 Resp: 491775
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.6
 88 14.1 0.0 28.4

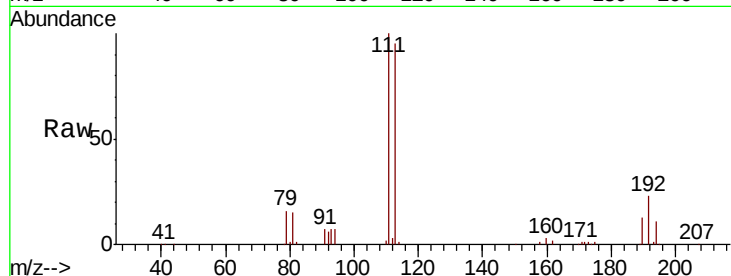




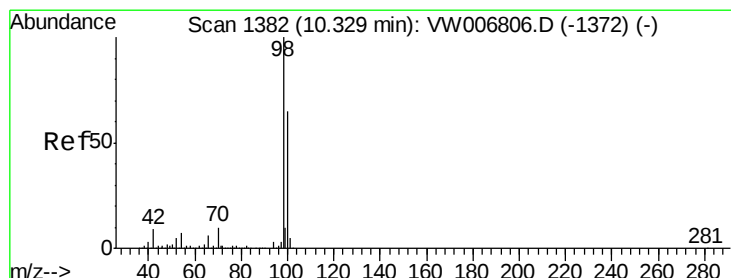
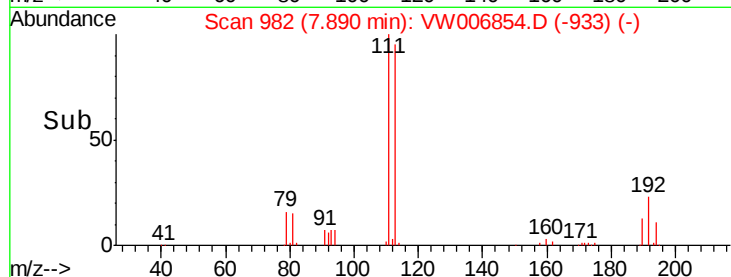
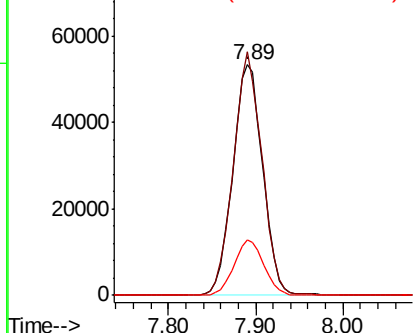
#35
Dibromofluoromethane
Concen: 43.329 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006854.D
Acq: 13 Nov 2018 15:12

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	24.0	19.0	28.6

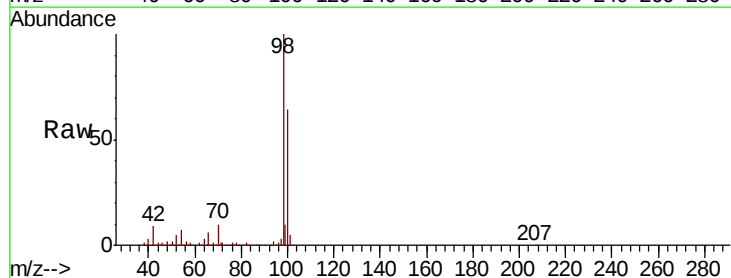


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

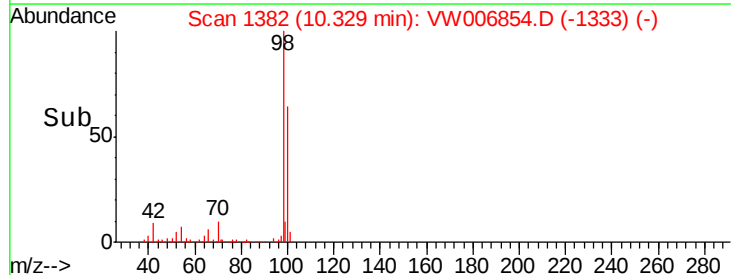
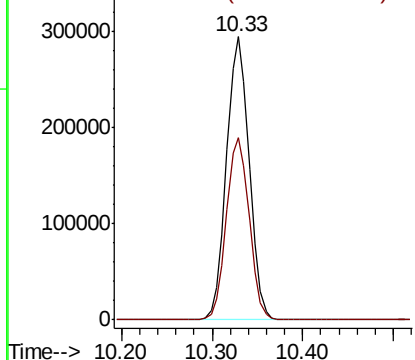


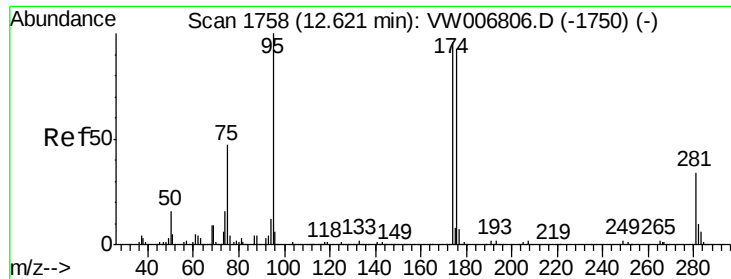
#50
Toluene-d8
Concen: 42.028 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006854.D
Acq: 13 Nov 2018 15:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.2



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





#62

4-Bromofluorobenzene

Concen: 44.601 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006854.D

Acq: 13 Nov 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-110(14-16)

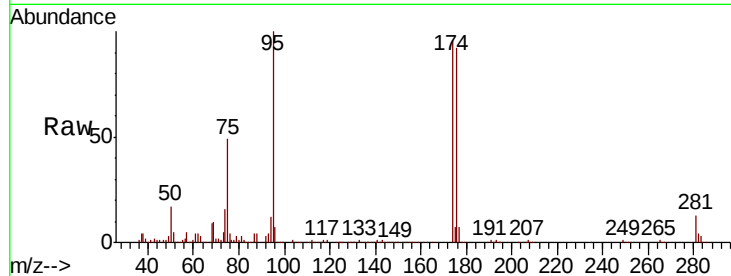
Tot Ion: 95 Resp: 199385

Ion Ratio Lower Upper

95 100

174 97.2 0.0 196.6

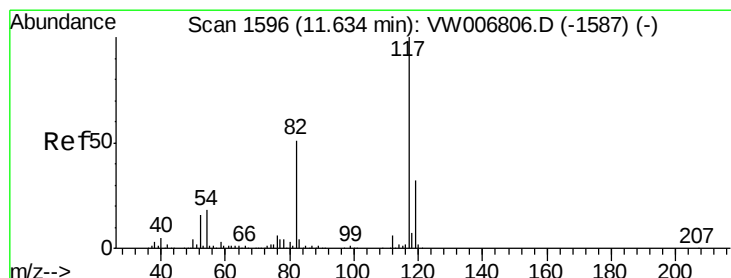
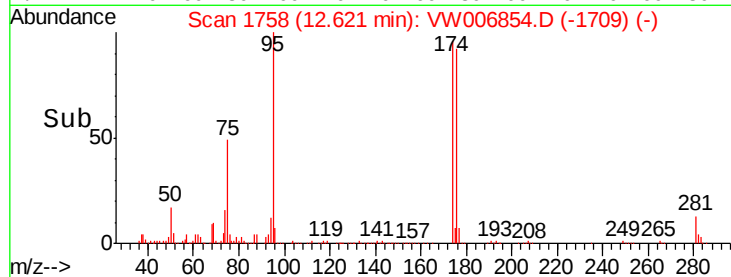
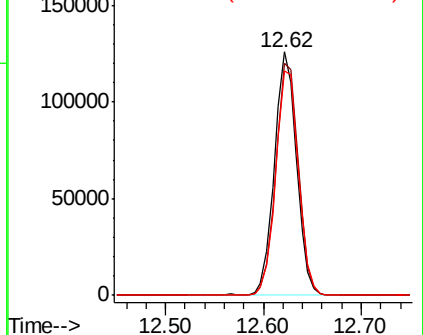
176 94.6 0.0 191.6



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: VW006854.D

Acq: 13 Nov 2018 15:12

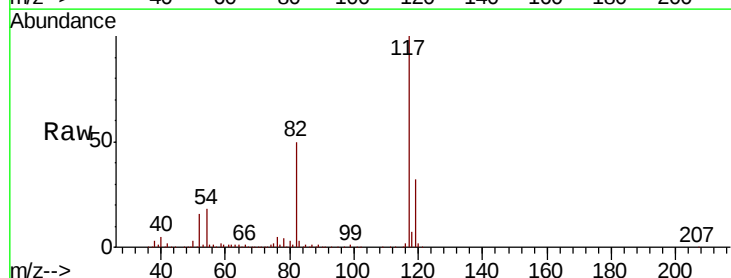
Tgt Ion: 117 Resp: 497821

Ion Ratio Lower Upper

117 100

82 49.6 40.6 61.0

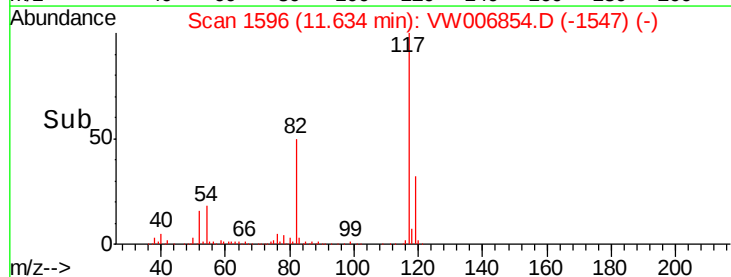
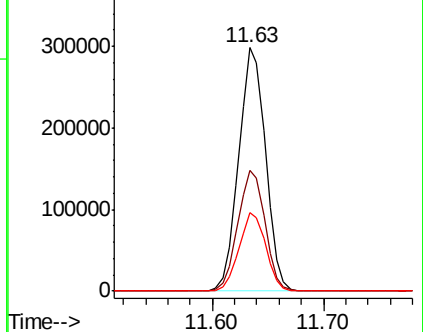
119 32.5 25.5 38.3

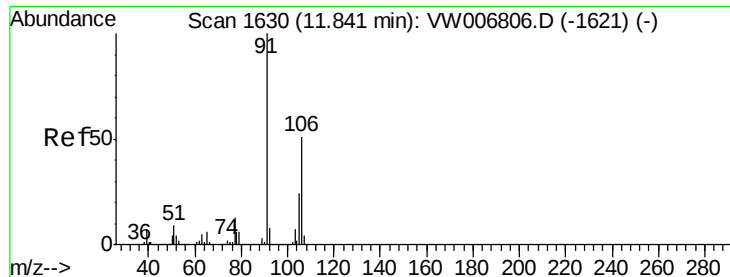


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#68

m/p-Xvlenes

Concen: 1.823 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006854.D

Acq: 13 Nov 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

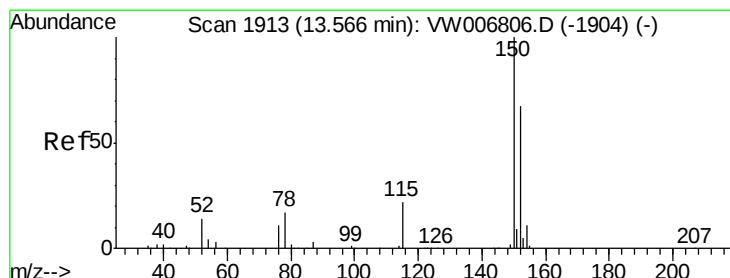
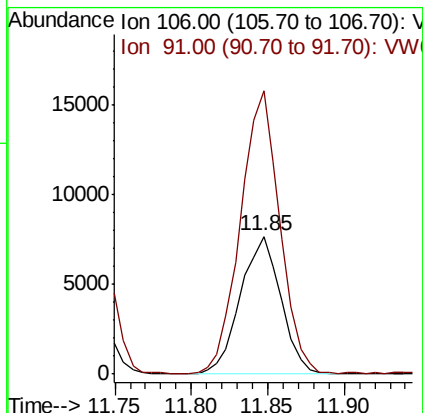
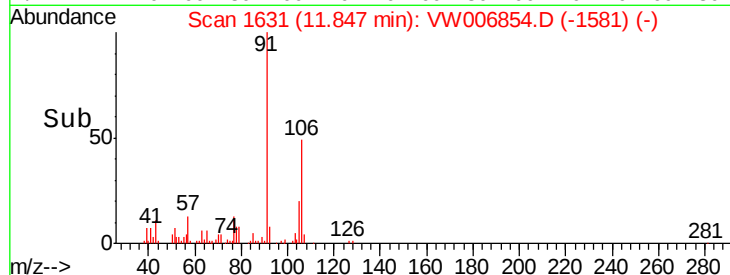
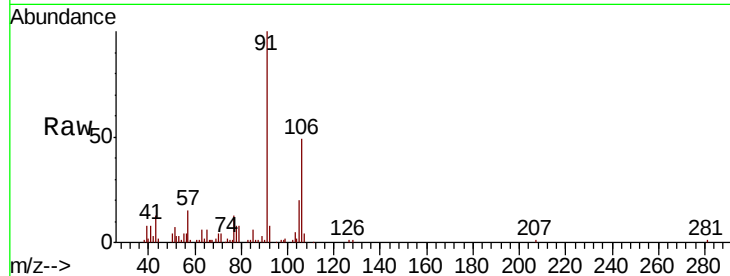
EP2-SB-110(14-16)

Tot Ion:106 Resp: 14047

Ion Ratio Lower Upper

106 100

91 201.9 155.7 233.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006854.D

Acq: 13 Nov 2018 15:12

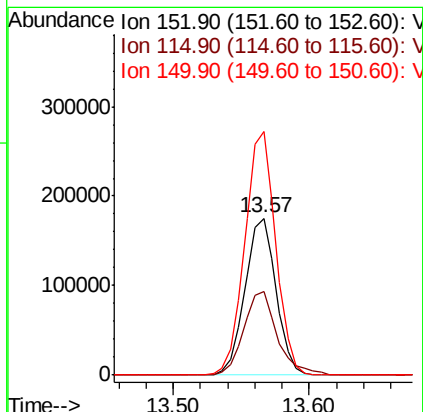
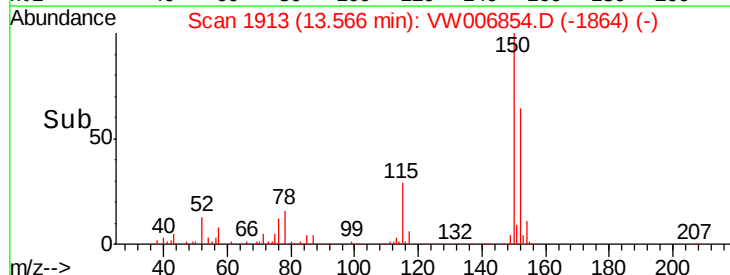
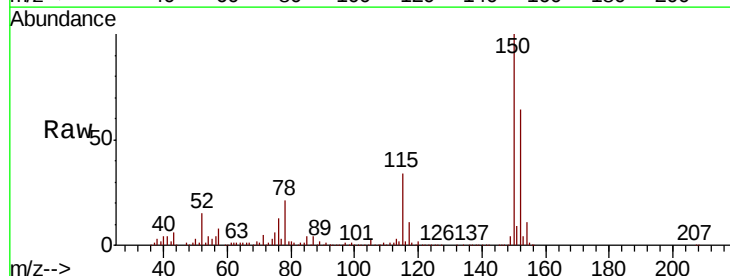
Tgt Ion:152 Resp: 278804

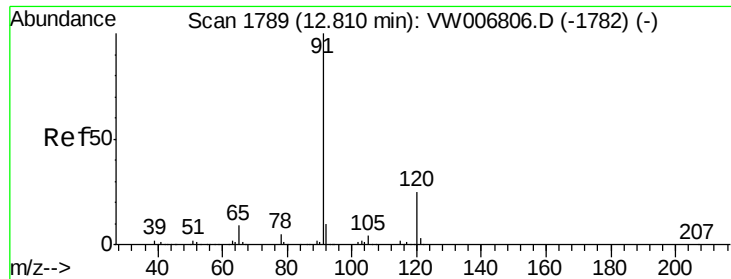
Ion Ratio Lower Upper

152 100

115 57.1 27.3 81.8

150 154.9 0.0 353.0





#78

n-propylbenzene

Concen: 2.495 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006854.D

Acq: 13 Nov 2018 15:12

Instrument :

MSVOA_W

ClientSampleId :

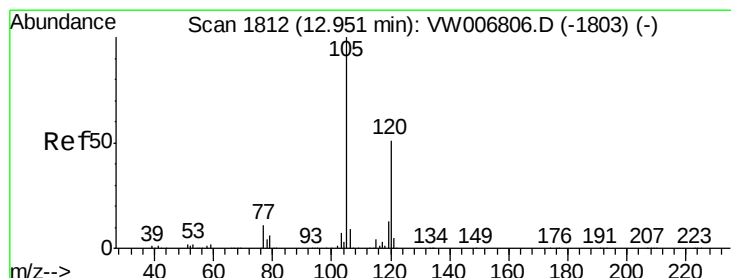
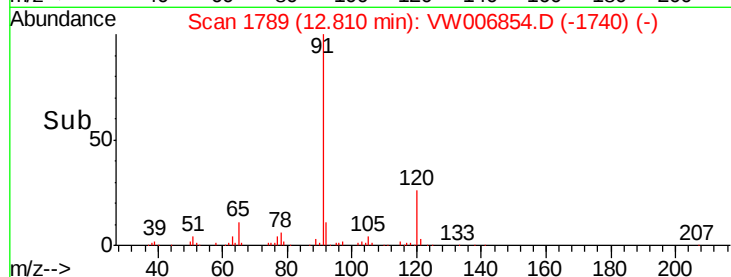
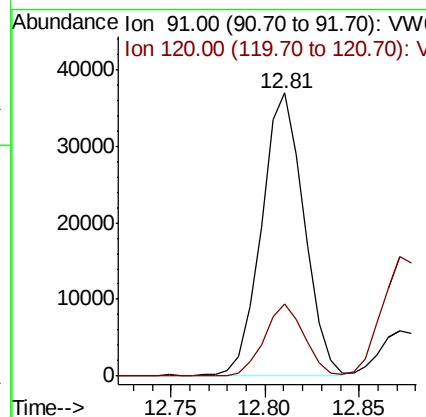
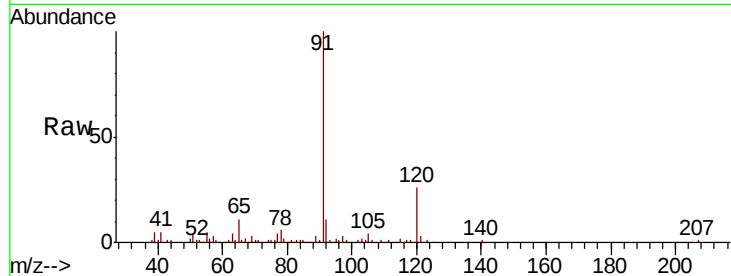
EP2-SB-110(14-16)

Tot Ion: 91 Resp: 56983

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#80

1,3,5-Trimethylbenzene

Concen: 9.569 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006854.D

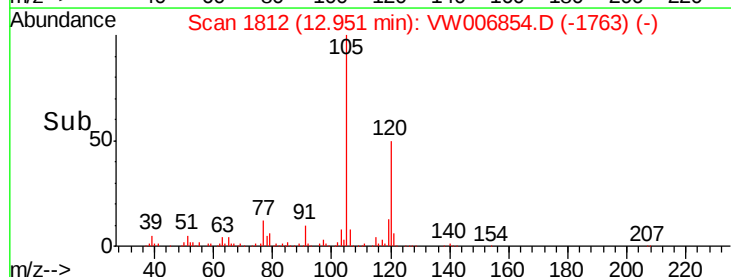
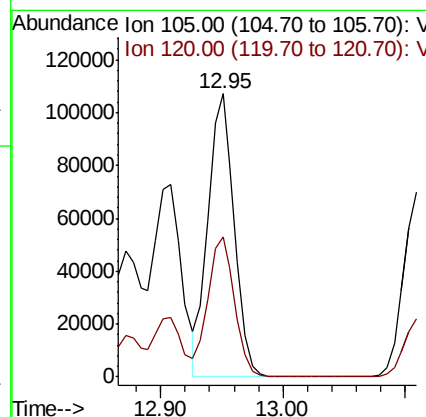
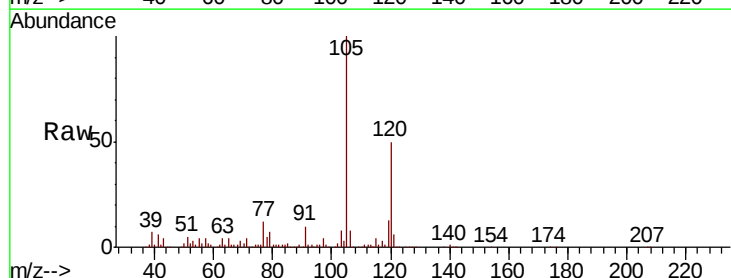
Acq: 13 Nov 2018 15:12

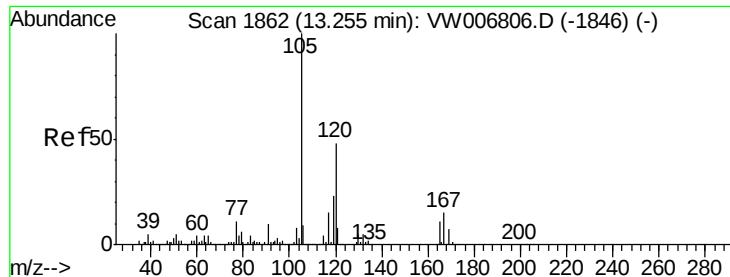
Tgt Ion:105 Resp: 159206

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.9

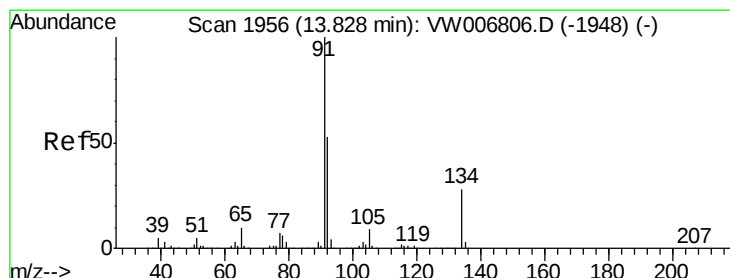
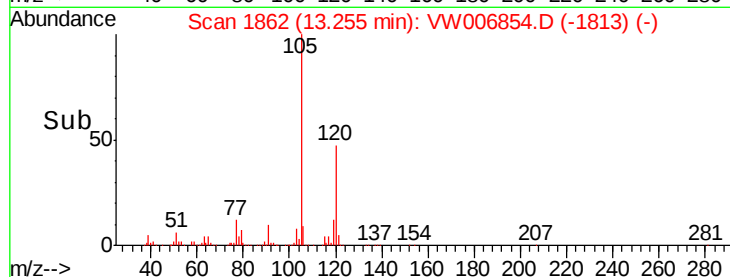
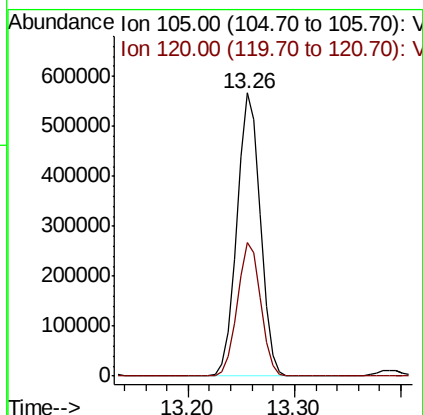
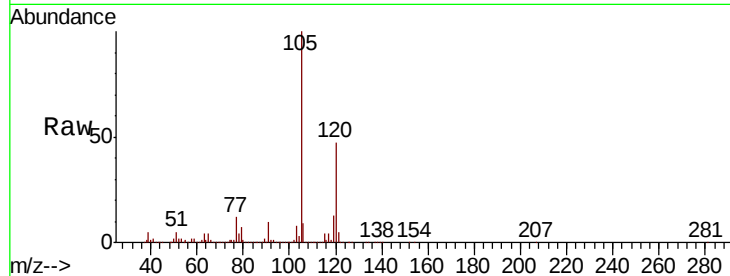




#84
 1,2,4-Trimethylbenzene
 Concen: 51.611 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006854.D
 Acq: 13 Nov 2018 15:12

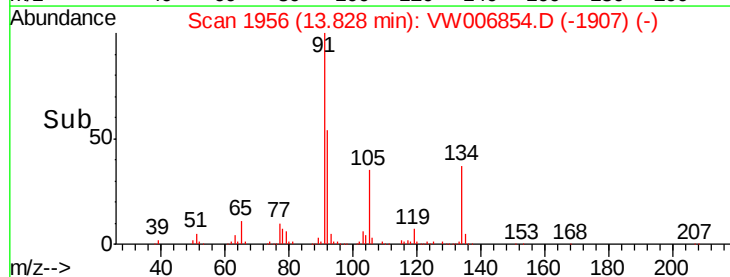
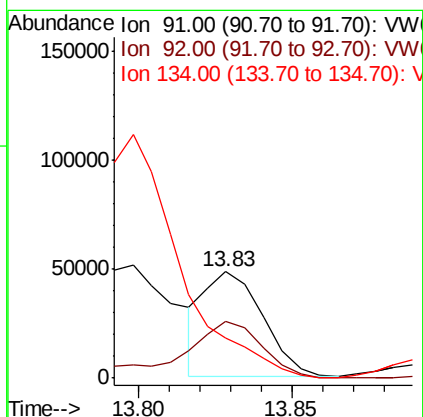
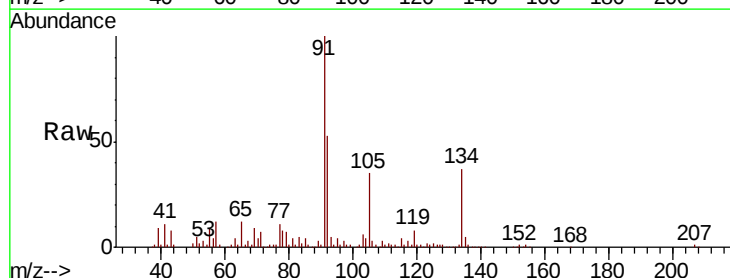
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-110(14-16)

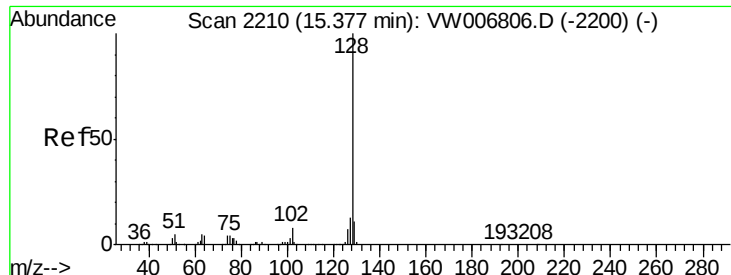
Tot Ion:105 Resp: 873816
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.0



#89
 n-Butylbenzene
 Concen: 3.655 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW006854.D
 Acq: 13 Nov 2018 15:12

Tgt Ion: 91 Resp: 63312
 Ion Ratio Lower Upper
 91 100
 92 75.6 26.5 79.4
 134 0.0 14.4 43.2#

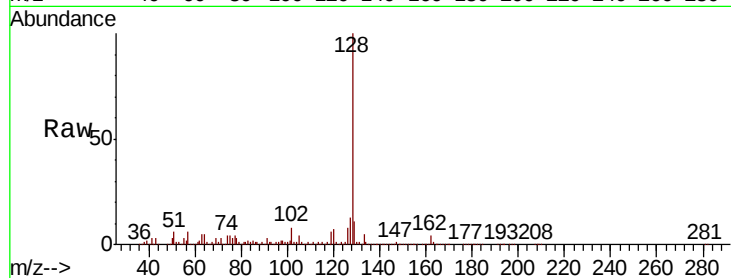




#95
Naphthalene
Concen: 95.363 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006854.D
Acq: 13 Nov 2018 15:12

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	11.5	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

