

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006869.D
 Acq On : 13 Nov 2018 21:34
 Operator : SY/AP
 Sample : J5860-21
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Nov 14 07:09:21 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

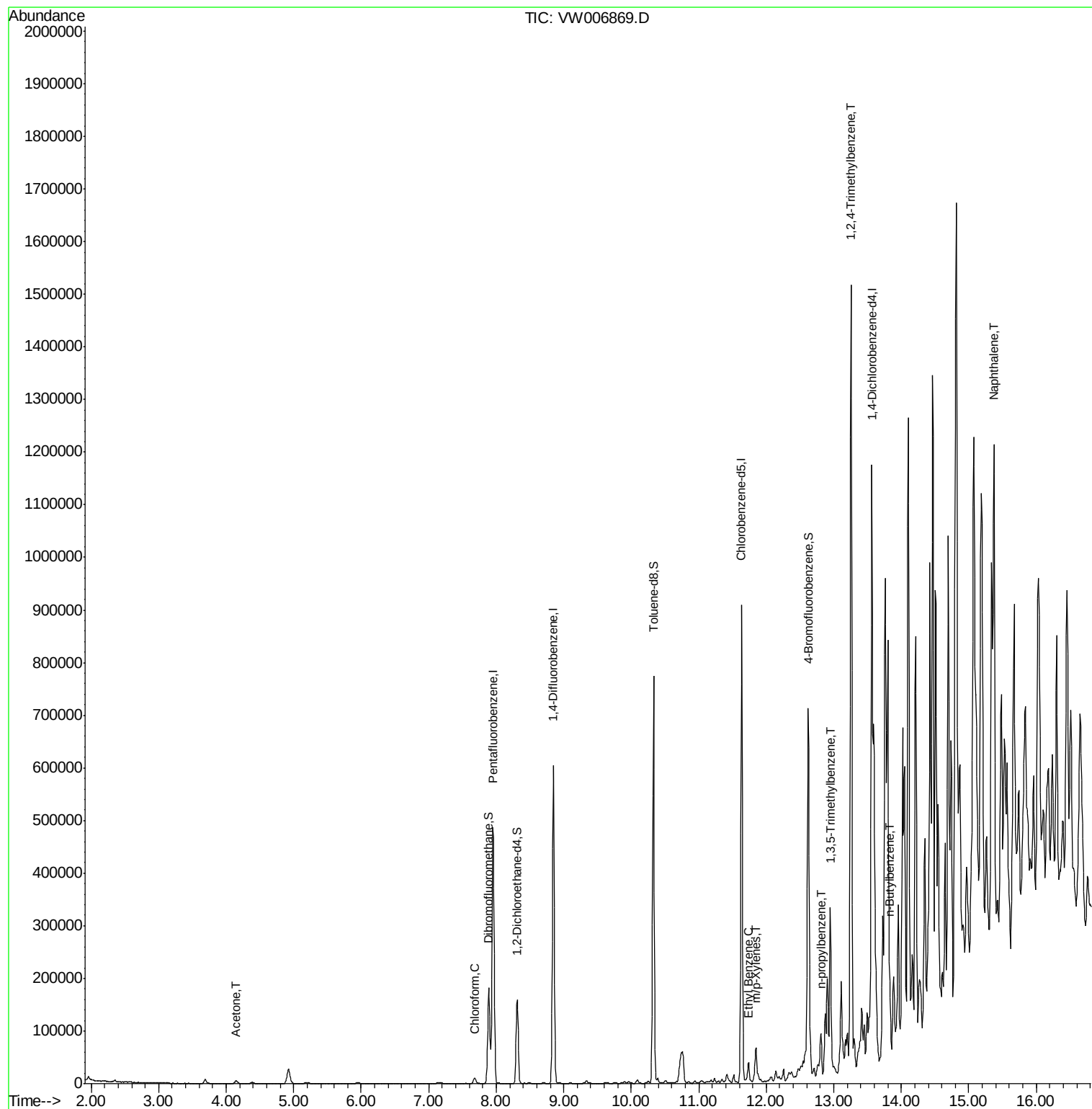
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	425335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	572897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	569680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	321892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122365	39.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.70%	
35) Dibromofluoromethane	7.89	113	132648	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
50) Toluene-d8	10.33	98	555015	39.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.50%	
62) 4-Bromofluorobenzene	12.62	95	217624	41.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.58%	
Target Compounds						
16) Acetone	4.15	43	8950	20.043	ug/l	93
30) Chloroform	7.68	83	9633	1.516	ug/l	99
67) Ethyl Benzene	11.74	91	25331	1.176	ug/l	98
68) m/p-Xylenes	11.84	106	19417	2.203	ug/l	99
78) n-propylbenzene	12.81	91	62987	2.389	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	157957	8.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	847714	43.367	ug/l	99
89) n-Butylbenzene	13.83	91	65007	3.250	ug/l #	71
95) Naphthalene	15.38	128	765256	67.783	ug/l	96

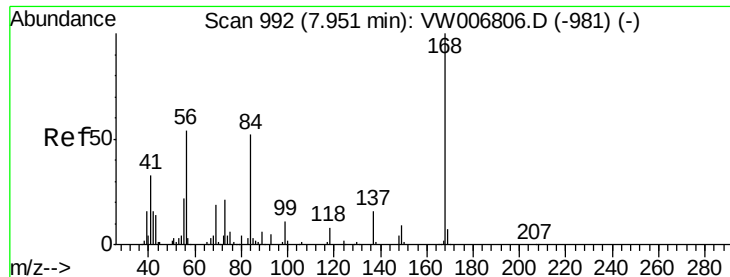
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP2-SB-110(14-16)

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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: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006869.D

Acq: 13 Nov 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

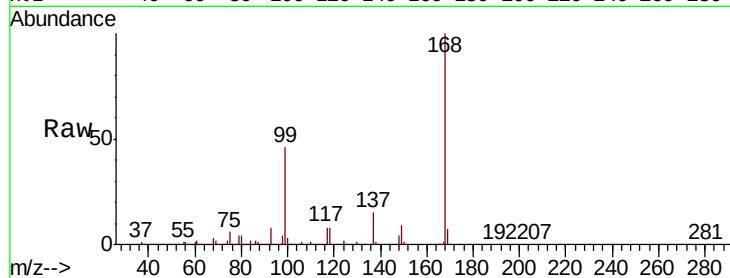
EP2-SB-110(14-16)

Tot Ion:168 Resp: 425335

Ion Ratio Lower Upper

168 100

99 45.6 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

200000

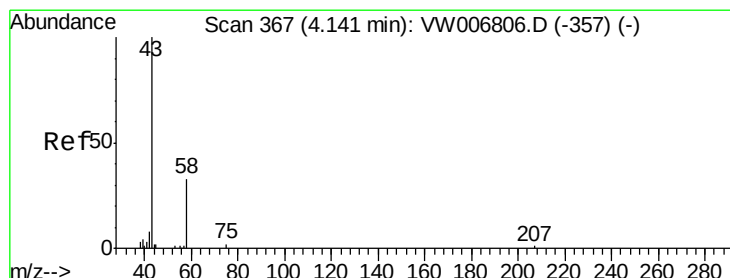
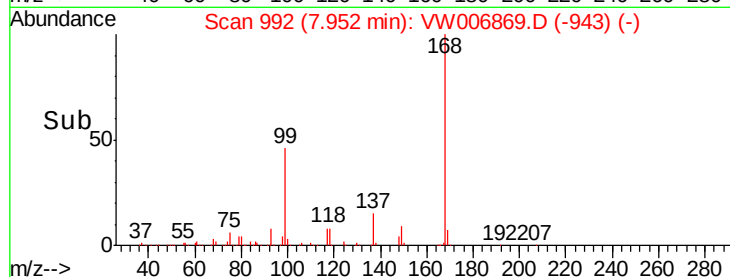
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.043 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006869.D

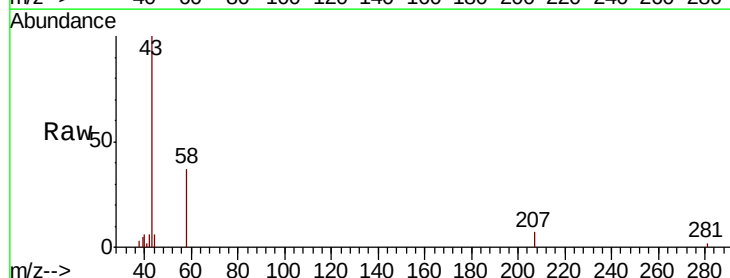
Acq: 13 Nov 2018 21:34

Tgt Ion: 43 Resp: 8950

Ion Ratio Lower Upper

43 100

58 37.3 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

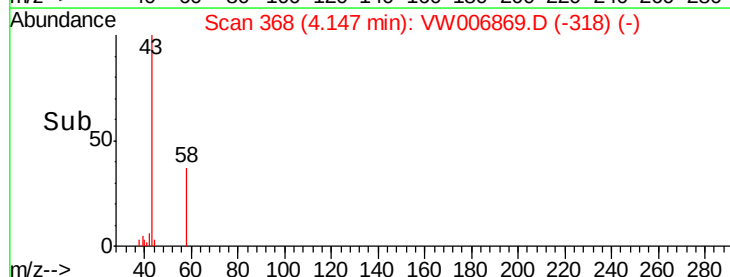
3000

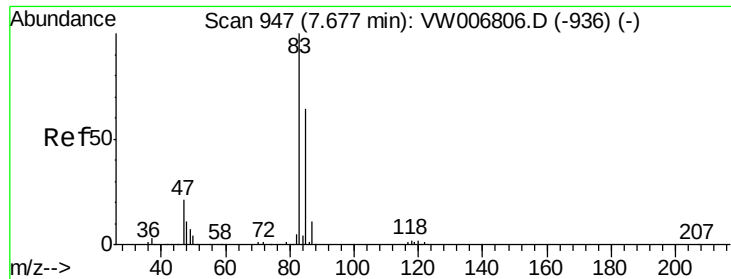
2000

1000

0

Time-->

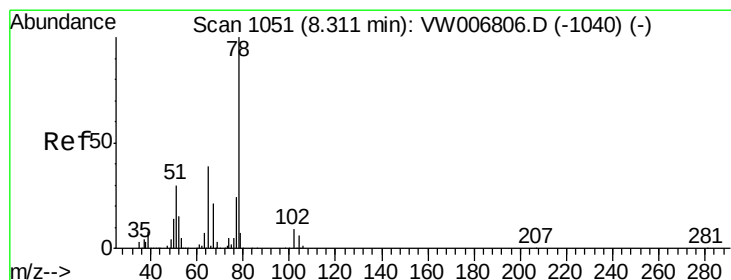
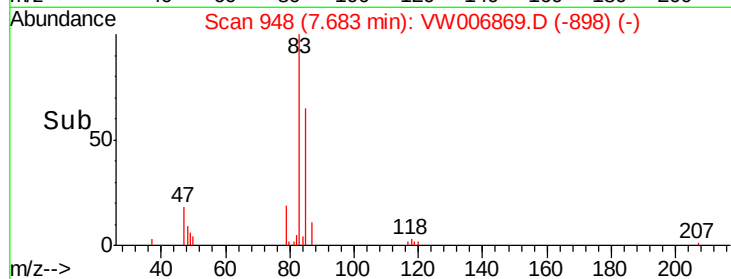
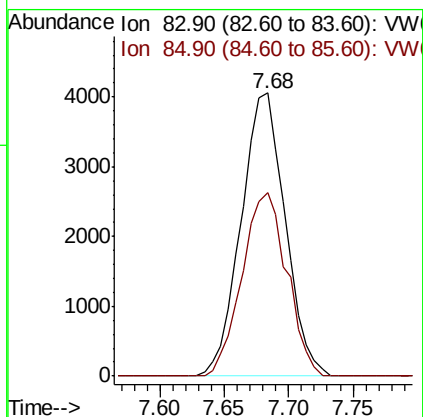
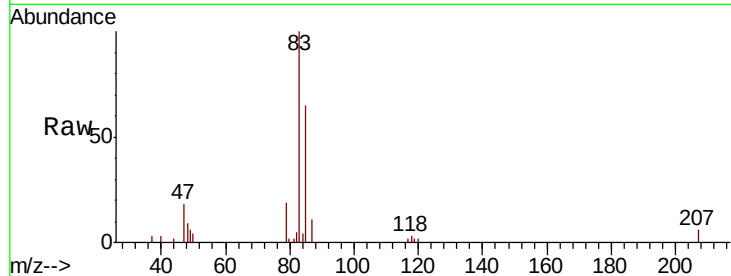




#30
Chloroform
Concen: 1.516 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

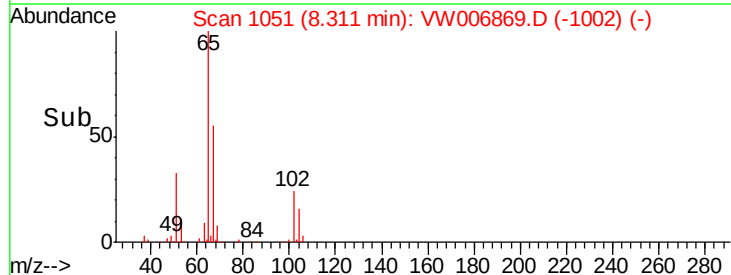
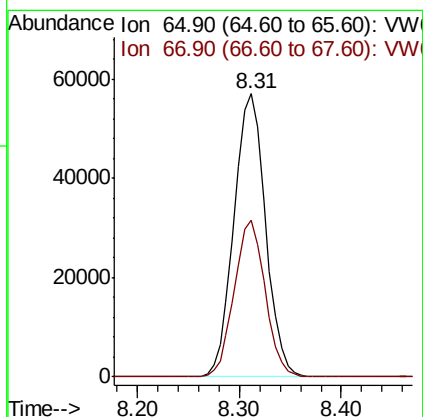
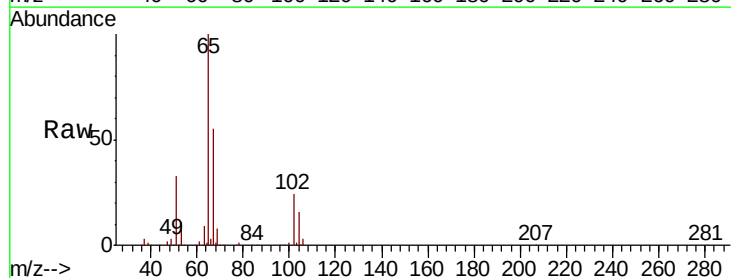
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

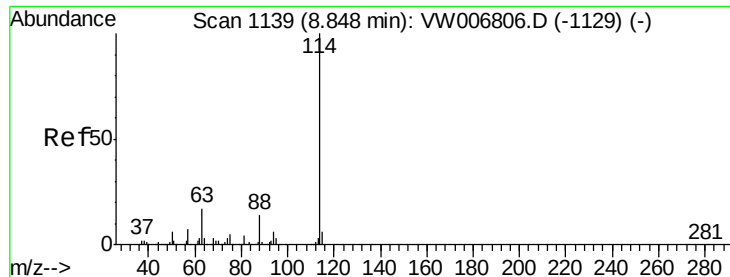
Tot Ion: 83 Resp: 9633
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 39.354 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

Tgt Ion: 65 Resp: 122365
Ion Ratio Lower Upper
65 100
67 54.2 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: VW006869.D

Acq: 13 Nov 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-110(14-16)

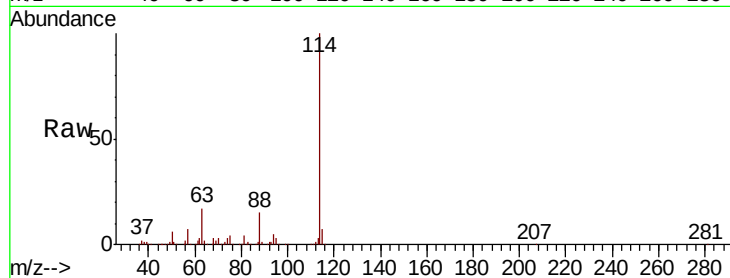
Tot Ion:114 Resp: 572897

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.6

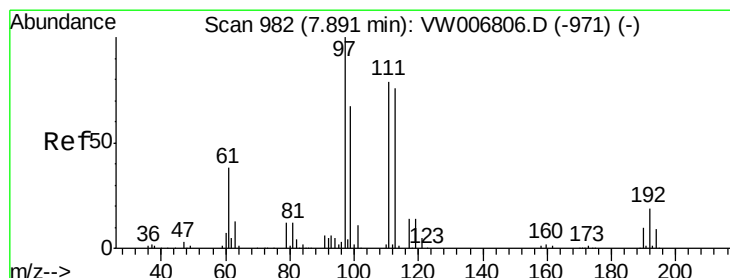
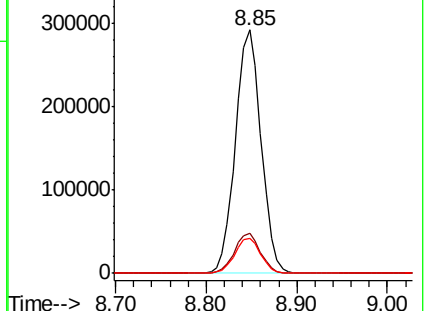
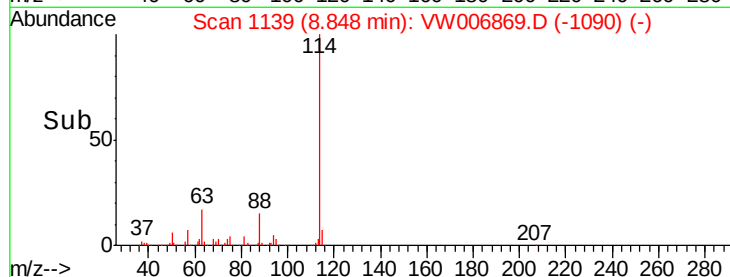
88 14.6 0.0 28.4



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: 38.883 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006869.D

Acq: 13 Nov 2018 21:34

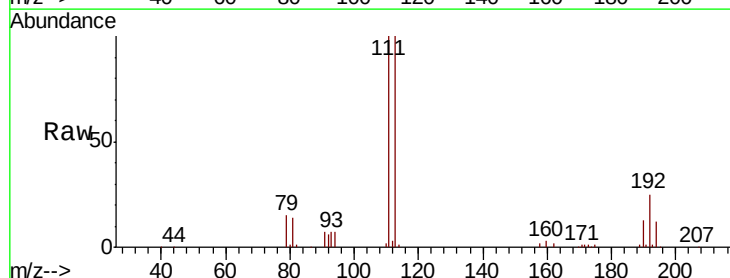
Tgt Ion:113 Resp: 132648

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.6

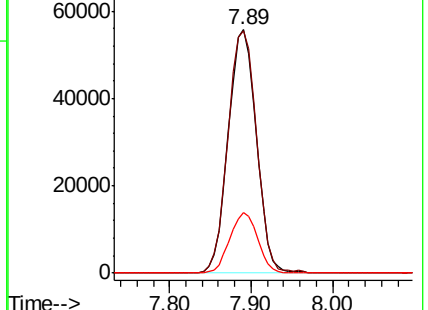
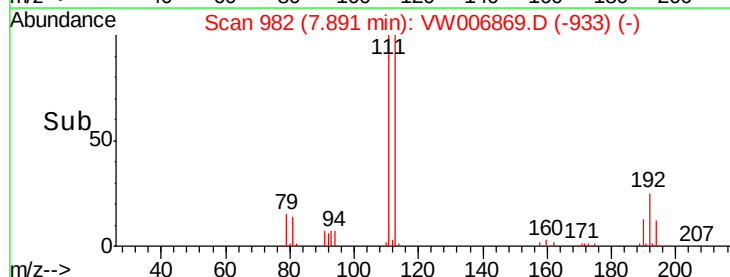
192 24.4 19.0 28.6

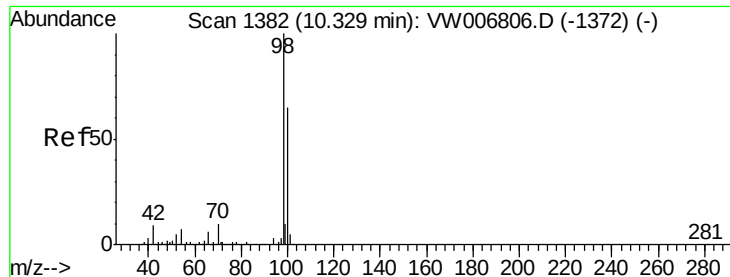


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.252 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006869.D

Acq: 13 Nov 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

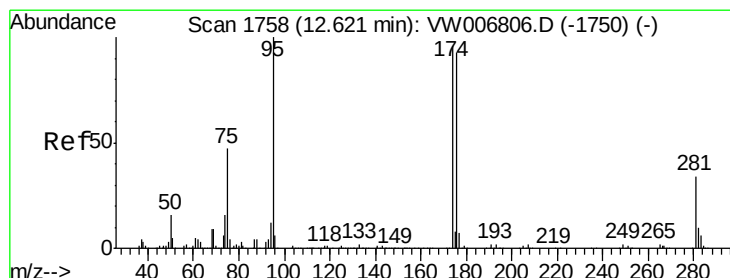
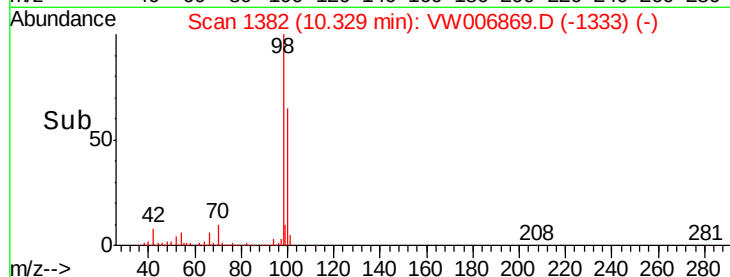
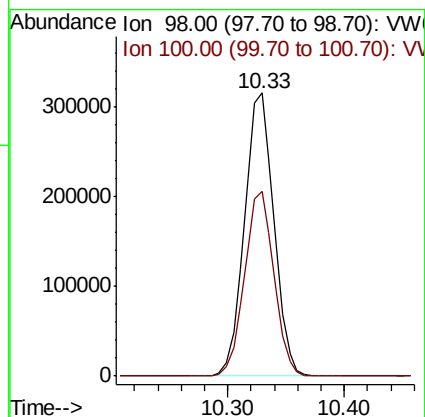
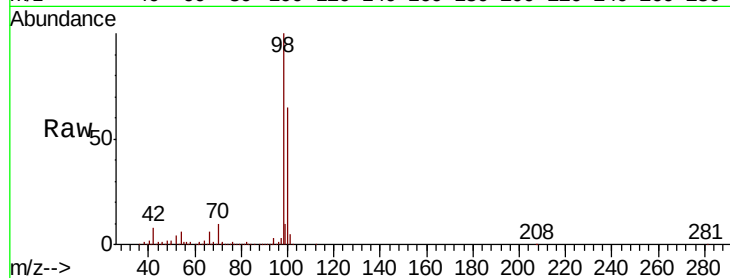
EP2-SB-110(14-16)

Tot Ion: 98 Resp: 555015

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 41.787 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006869.D

Acq: 13 Nov 2018 21:34

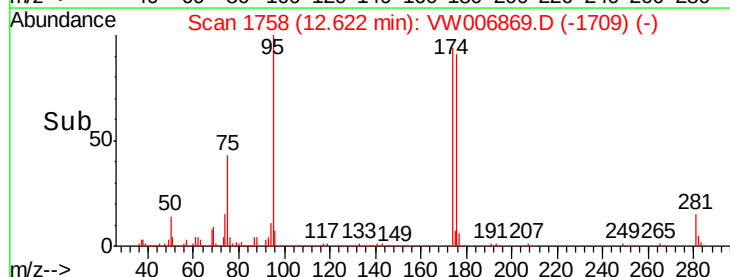
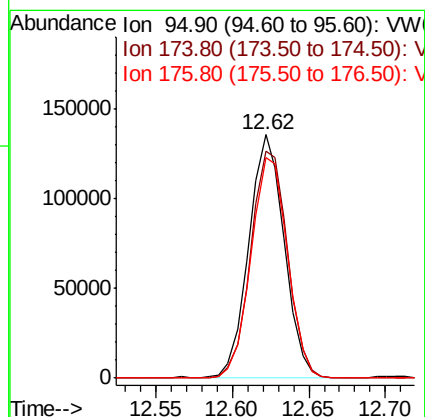
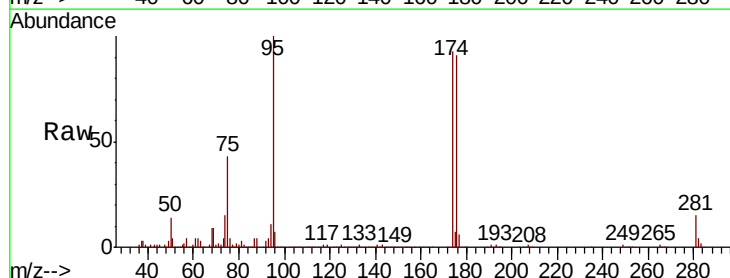
Tgt Ion: 95 Resp: 217624

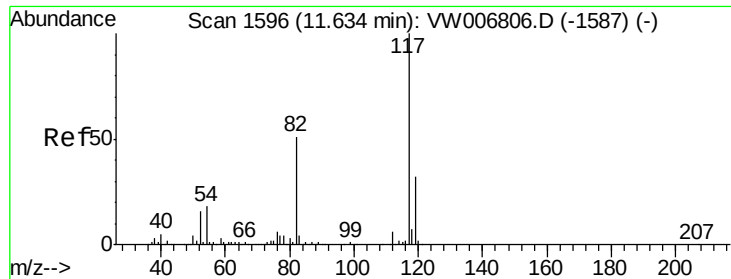
Ion Ratio Lower Upper

95 100

174 97.4 0.0 196.6

176 94.4 0.0 191.6

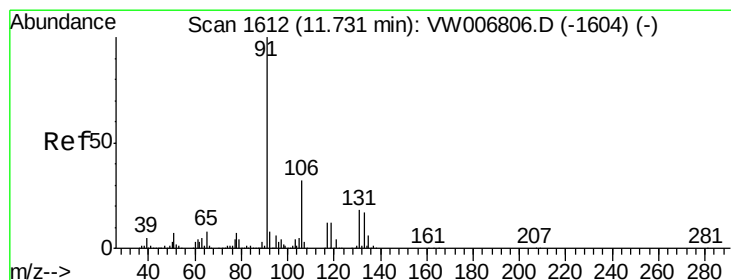
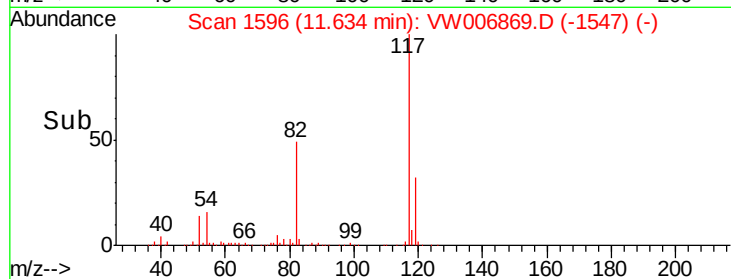
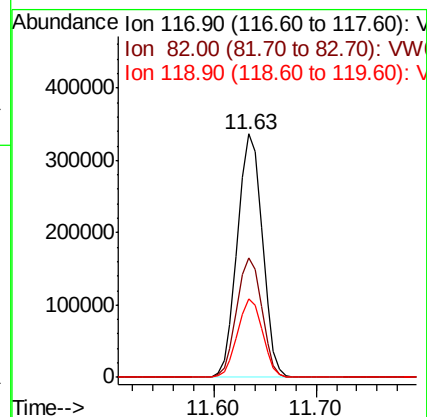
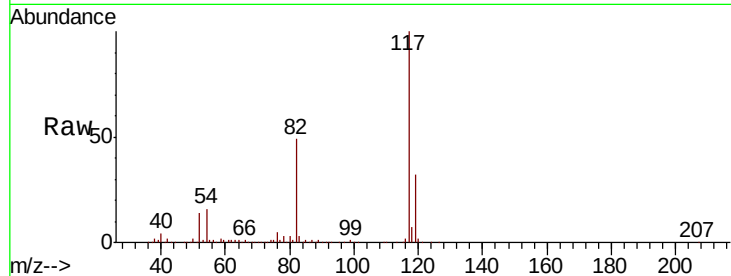




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

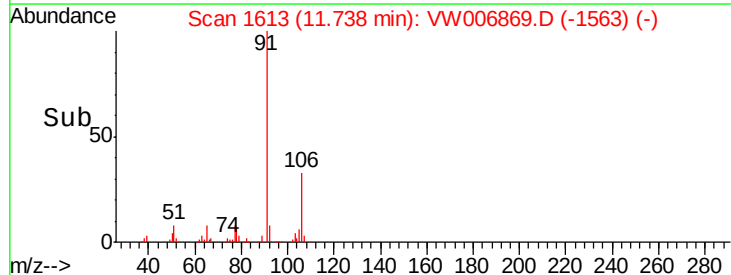
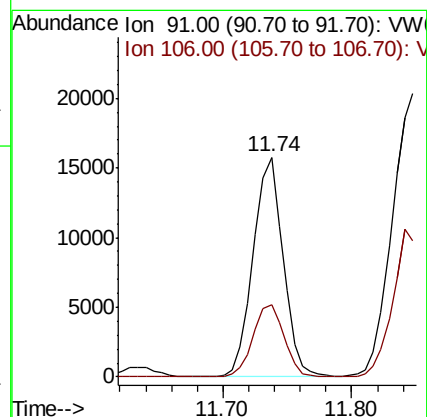
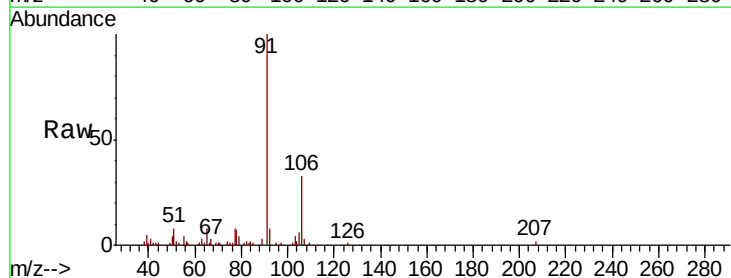
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

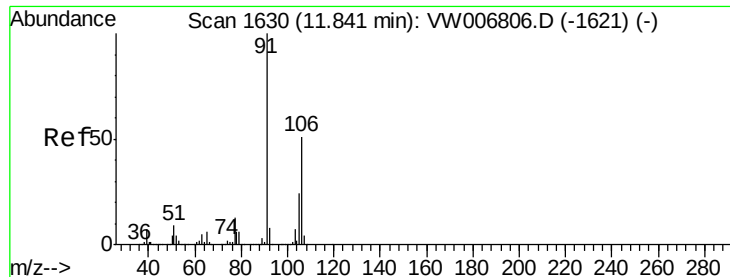
Tot Ion:117 Resp: 569680
Ion Ratio Lower Upper
117 100
82 49.2 40.6 61.0
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 1.176 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

Tgt Ion: 91 Resp: 25331
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0

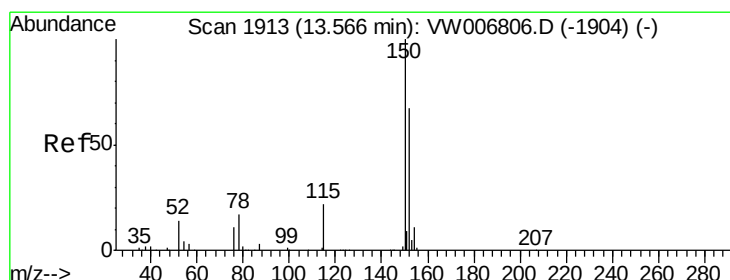
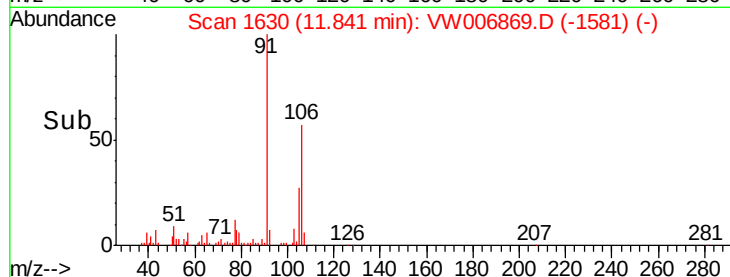
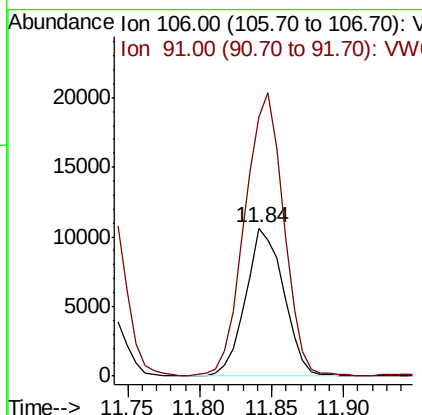
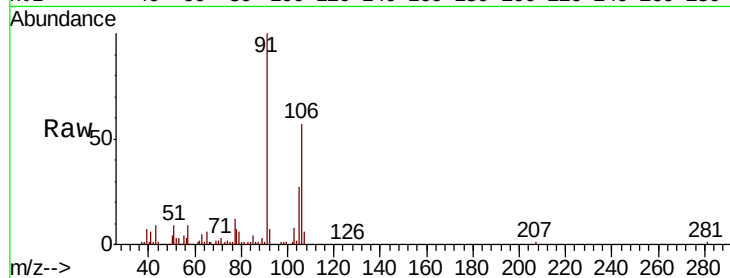




#68
m/p-Xylenes
Concen: 2.203 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

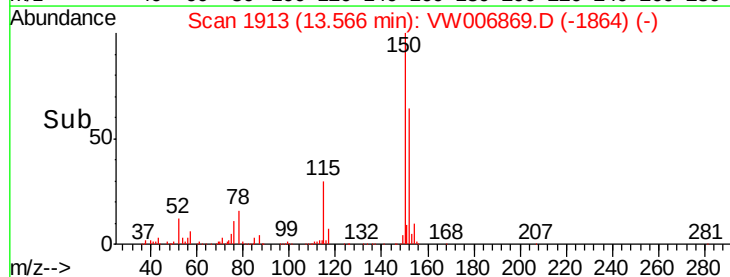
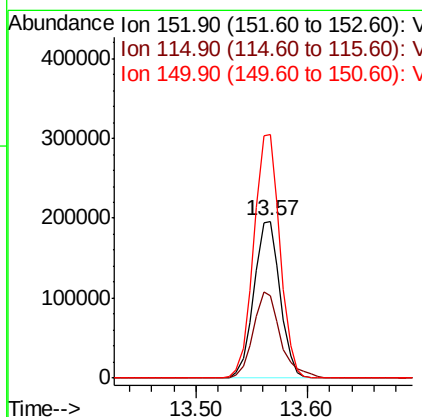
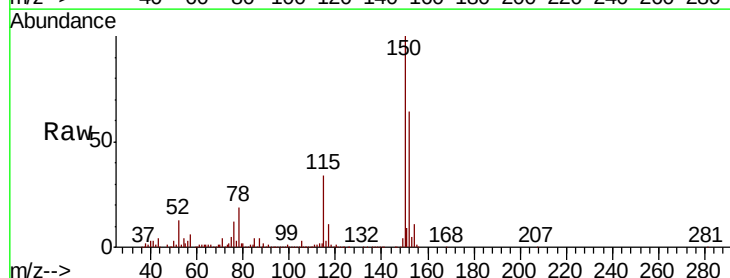
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

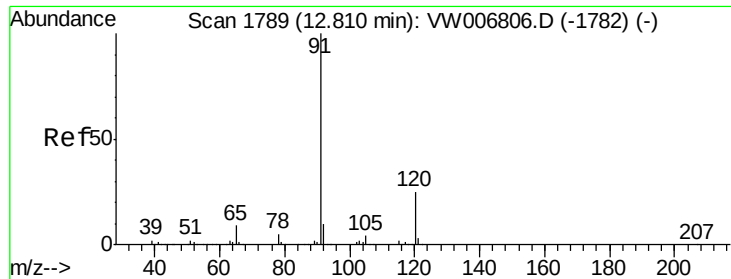
Tot Ion:106 Resp: 19417
Ion Ratio Lower Upper
106 100
91 196.2 155.7 233.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

Tgt Ion:152 Resp: 321892
Ion Ratio Lower Upper
152 100
115 57.5 27.3 81.8
150 155.1 0.0 353.0





#78

n-propylbenzene

Concen: 2.389 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006869.D

Acq: 13 Nov 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

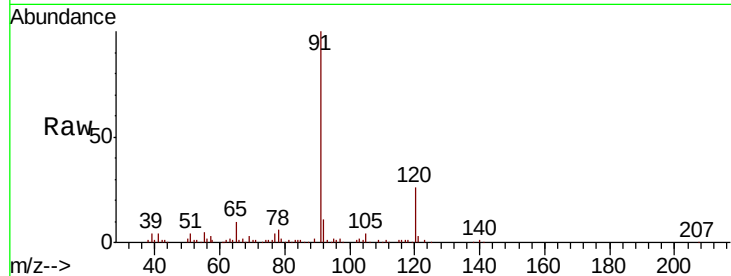
EP2-SB-110(14-16)

Tot Ion: 91 Resp: 62987

Ion Ratio Lower Upper

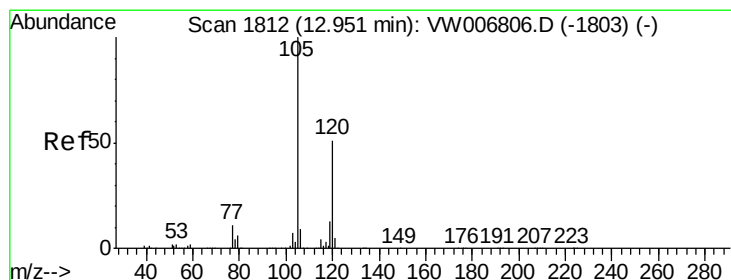
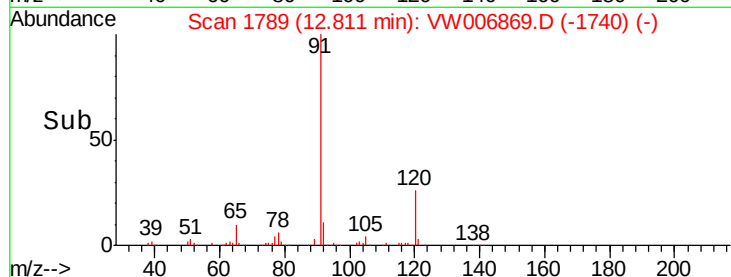
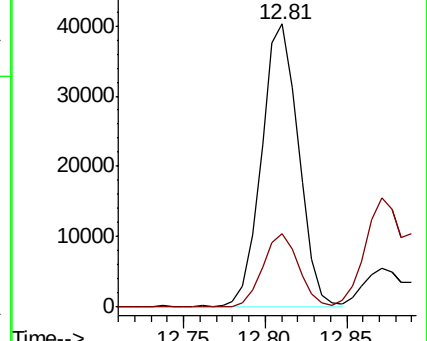
91 100

120 25.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 8.223 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006869.D

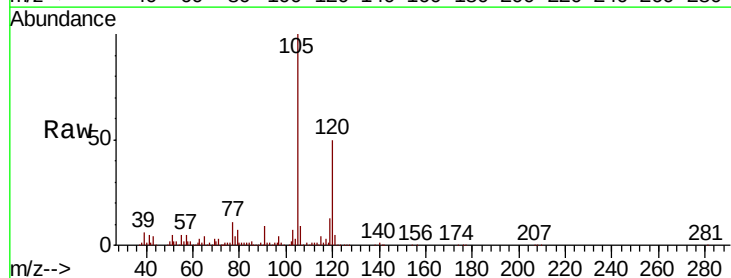
Acq: 13 Nov 2018 21:34

Tgt Ion:105 Resp: 157957

Ion Ratio Lower Upper

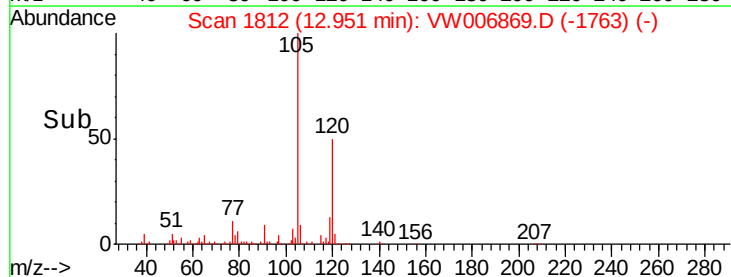
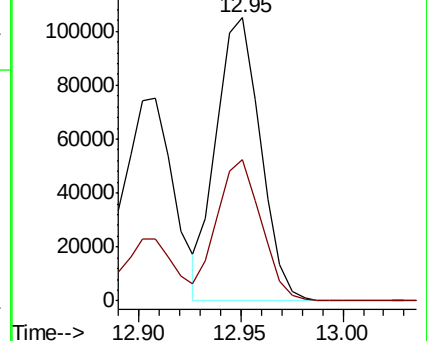
105 100

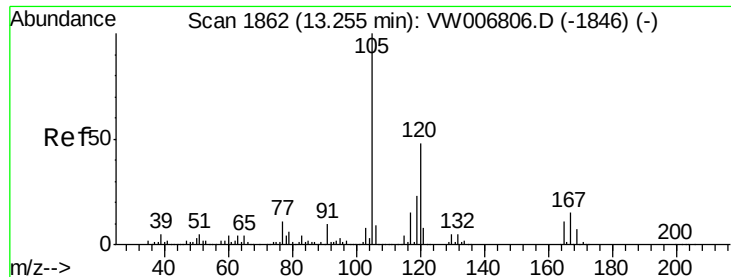
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

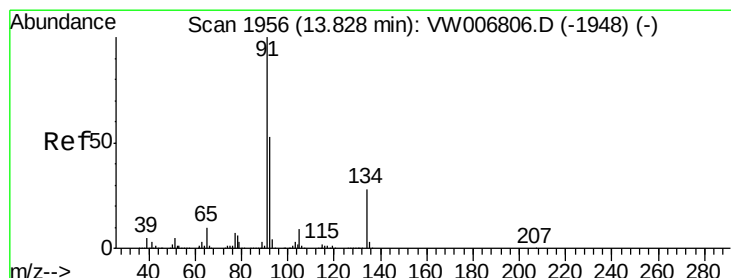
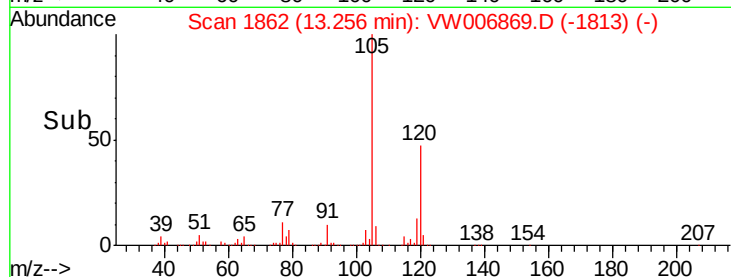
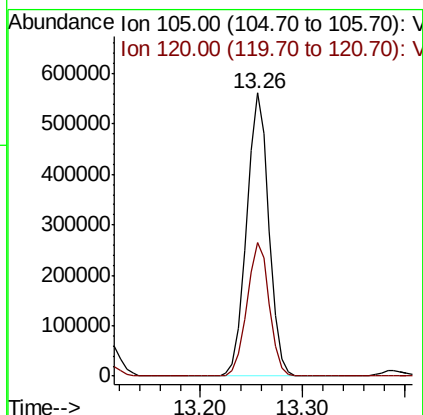
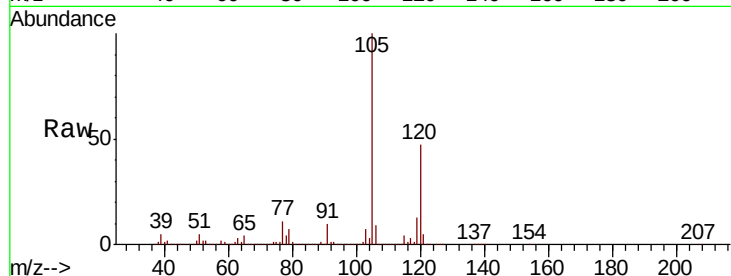




#84
1,2,4-Trimethylbenzene
Concen: 43.367 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

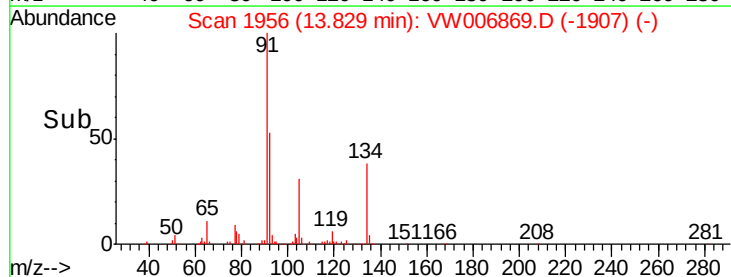
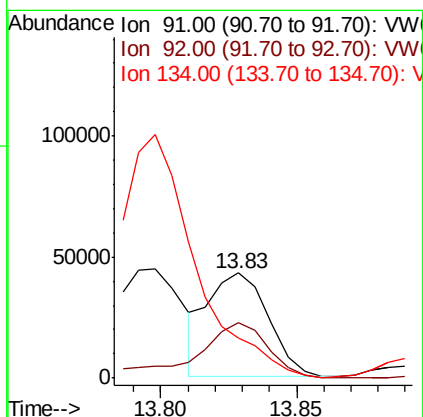
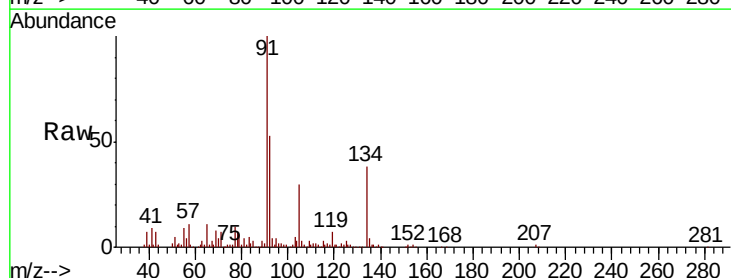
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(14-16)

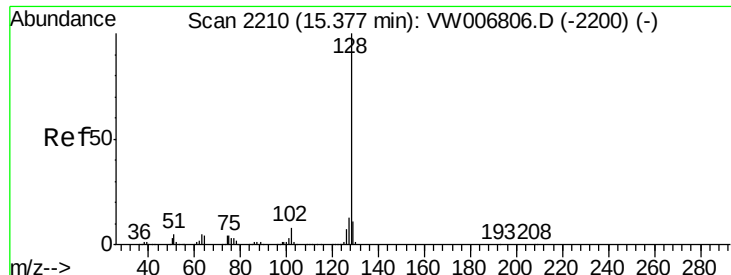
Tot Ion:105 Resp: 847714
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.0



#89
n-Butylbenzene
Concen: 3.250 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

Tgt Ion: 91 Resp: 65007
Ion Ratio Lower Upper
91 100
92 63.7 26.5 79.4
134 0.0 14.4 43.2#

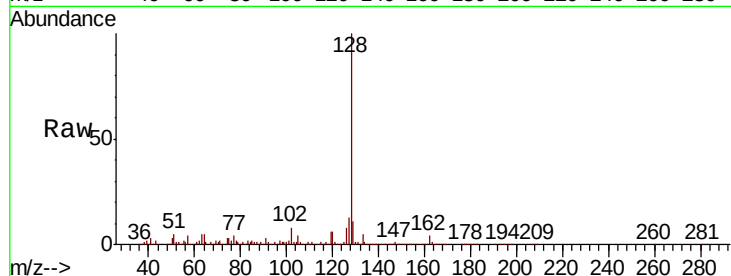




#95
Naphthalene
Concen: 67.783 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006869.D
Acq: 13 Nov 2018 21:34

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.3	15.5
129	11.4	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

