

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005198.D
 Acq On : 07 Sep 2018 08:04
 Operator : SY/AP
 Sample : J4693-21
 Misc : 6.80G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-H(10-15)

Quant Time: Sep 07 16:22:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	472951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	752437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	816333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	411865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	251724	64.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.42%	
35) Dibromofluoromethane	7.89	113	222783	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.33	98	1057369	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.62	95	495582	70.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.30%	

Target Compounds

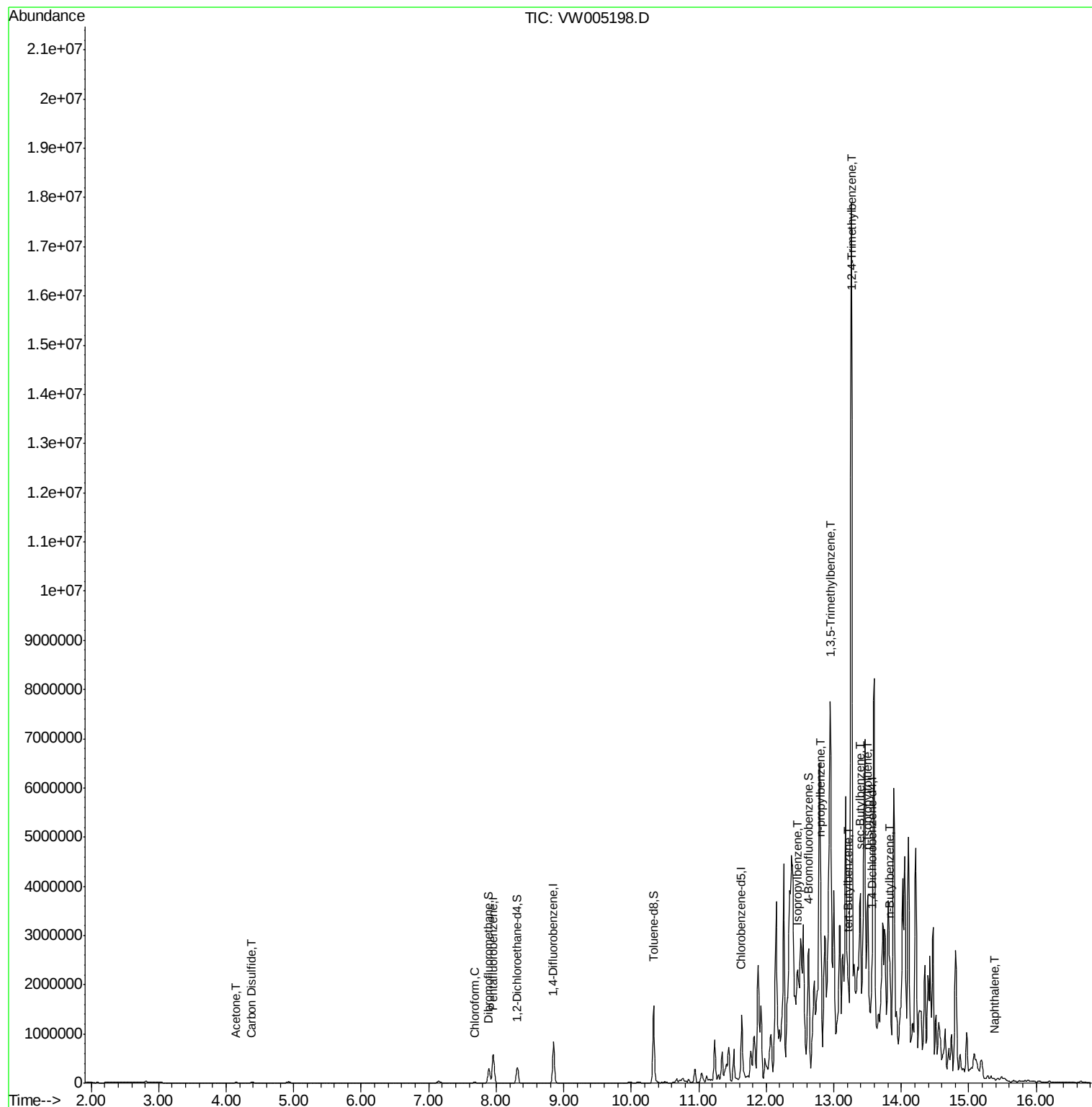
						Qvalue
16) Acetone	4.14	43	28802	36.63	ug/l	99
17) Carbon Disulfide	4.38	76	45020	3.38	ug/l	95
30) Chloroform	7.68	83	16609	2.07	ug/l	90
73) Isopropylbenzene	12.47	105	377264	12.99	ug/l	99
78) n-propylbenzene	12.81	91	1259358	35.92	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	642652	25.59	ug/l	99
83) tert-Butylbenzene	13.21	119	169541	8.08	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	9402031	367.60	ug/l	98
85) sec-Butylbenzene	13.39	105	1235572	40.09	ug/l #	76
86) p-Isopropyltoluene	13.51	119	1188098	43.55	ug/l	99
89) n-Butylbenzene	13.83	91	986075	39.00	ug/l #	74
95) Naphthalene	15.38	128	35096	6.15	ug/l	95

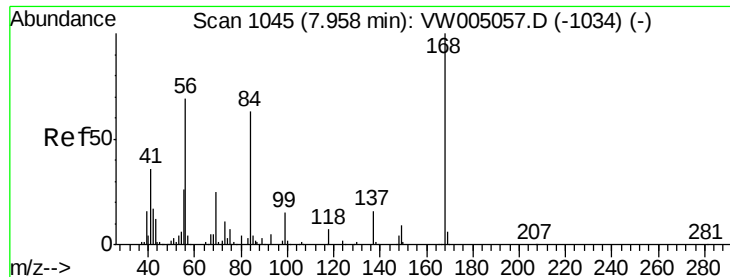
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005198.D

Acq: 07 Sep 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

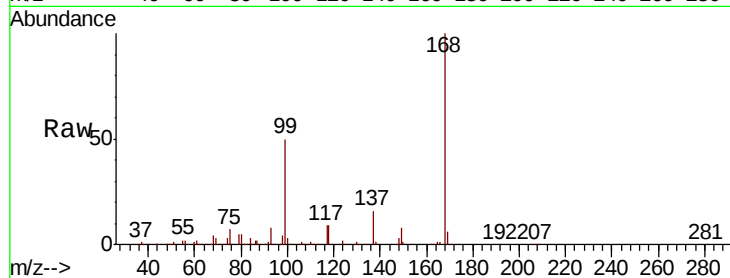
EP1-MW-H(10-15)

Tot Ion:168 Resp: 472951

Ion Ratio Lower Upper

168 100

99 50.4 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

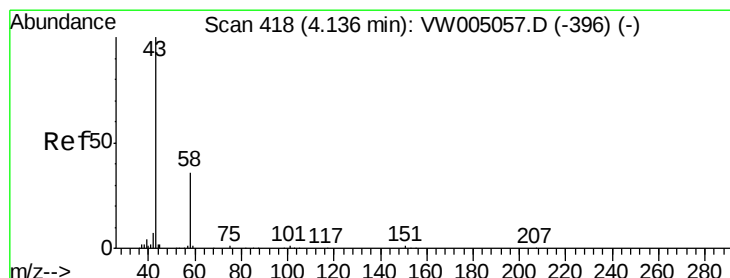
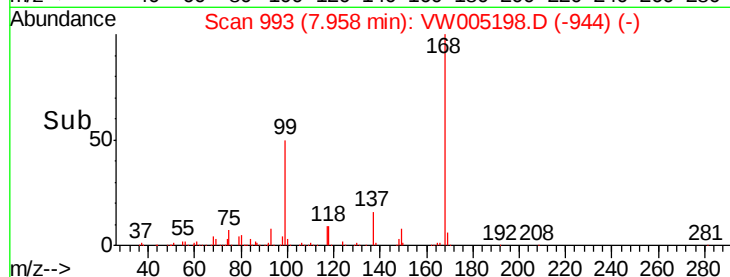
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 36.63 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005198.D

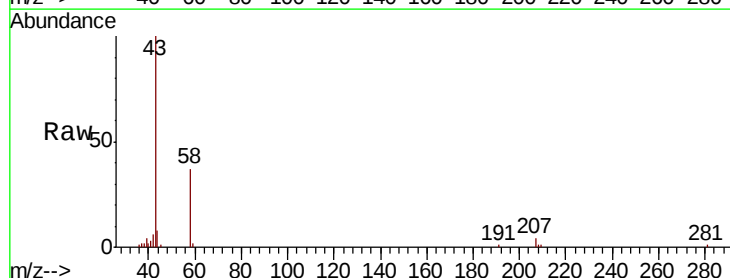
Acq: 07 Sep 2018 08:04

Tgt Ion: 43 Resp: 28802

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

6000

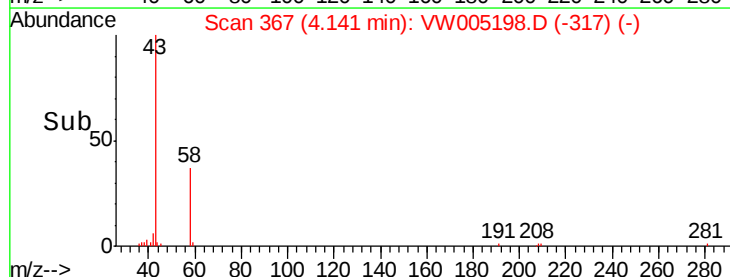
4000

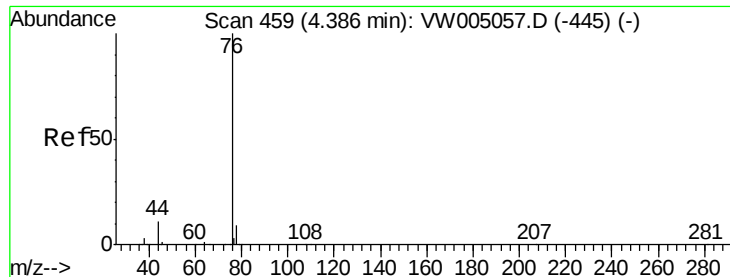
2000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 3.38 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005198.D

Acq: 07 Sep 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

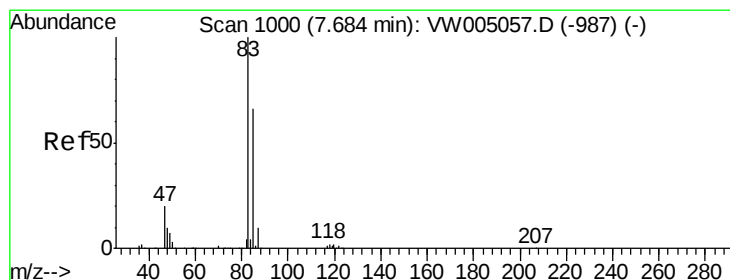
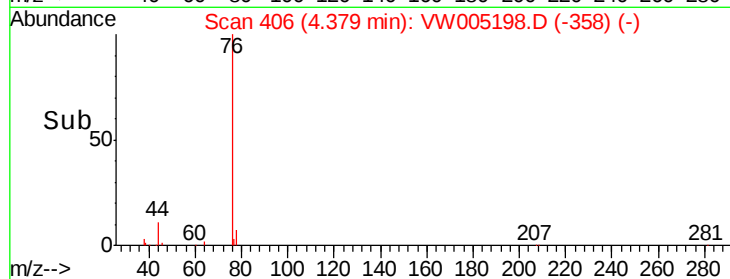
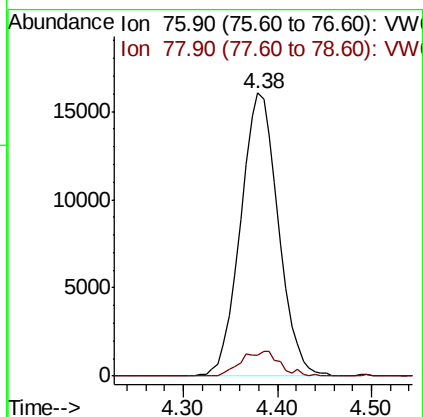
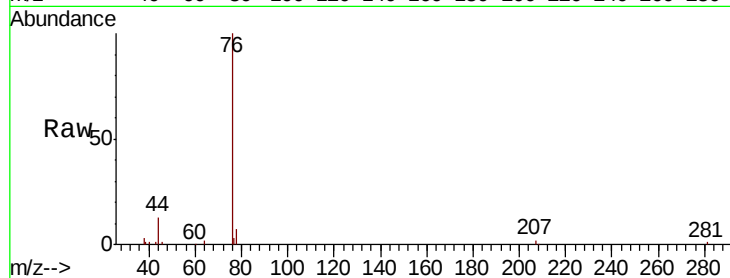
EP1-MW-H(10-15)

Tot Ion: 76 Resp: 45020

Ion Ratio Lower Upper

76 100

78 7.3 7.3 10.9



#30

Chloroform

Concen: 2.07 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005198.D

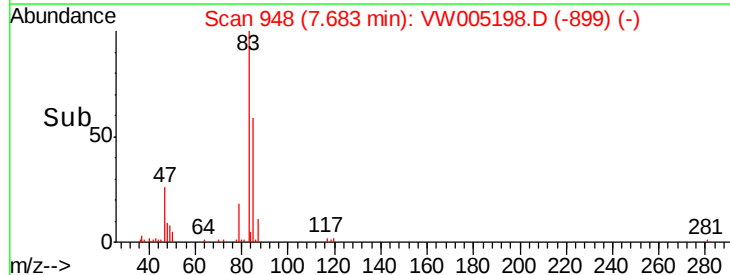
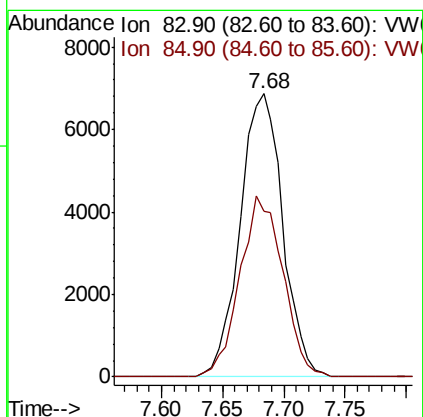
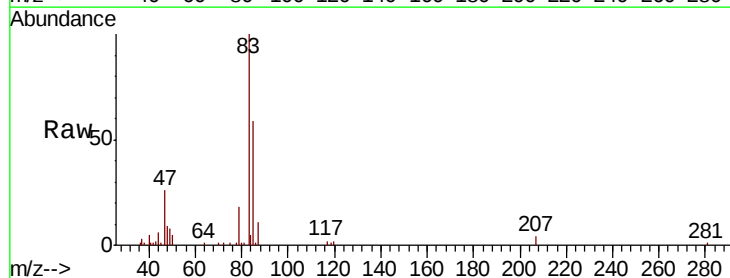
Acq: 07 Sep 2018 08:04

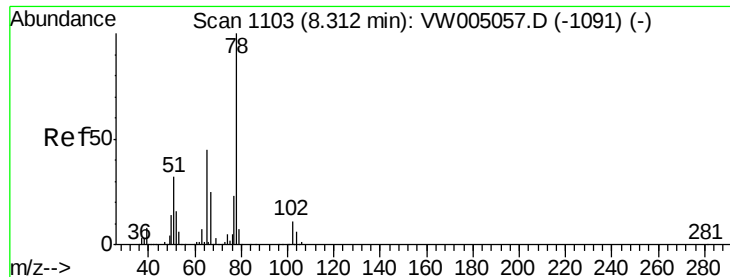
Tgt Ion: 83 Resp: 16609

Ion Ratio Lower Upper

83 100

85 58.6 53.1 79.7

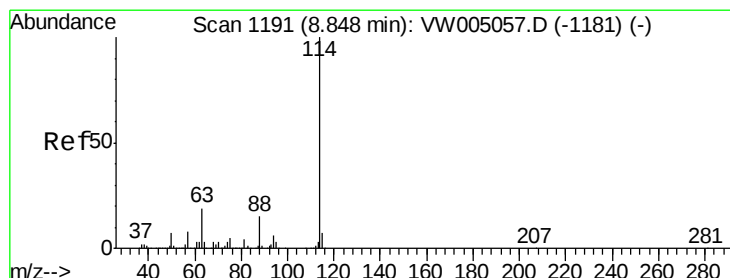
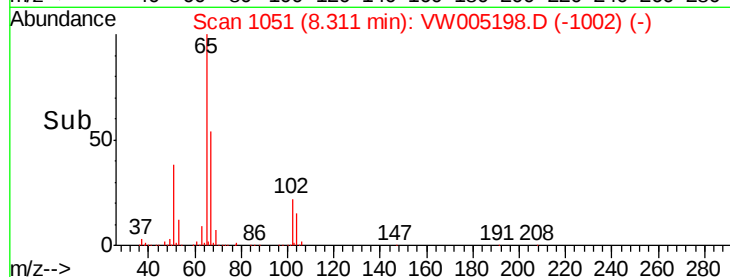
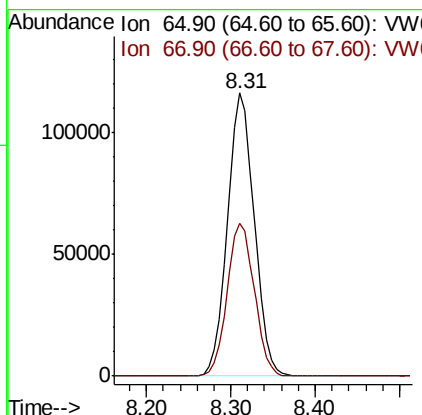
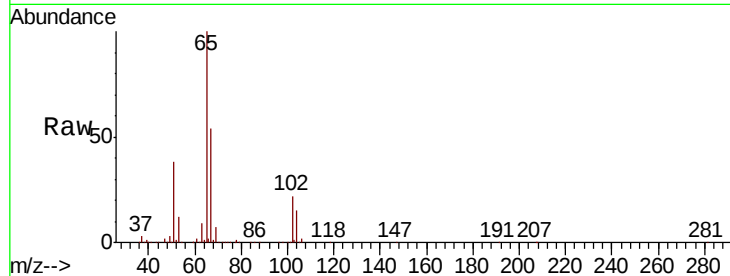




#33
 1,2-Dichloroethane-d4
 Concen: 64.21 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005198.D
 Acq: 07 Sep 2018 08:04

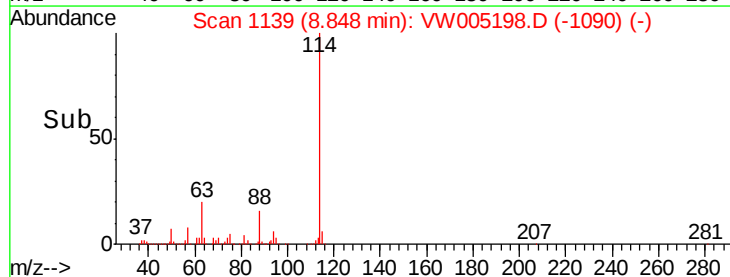
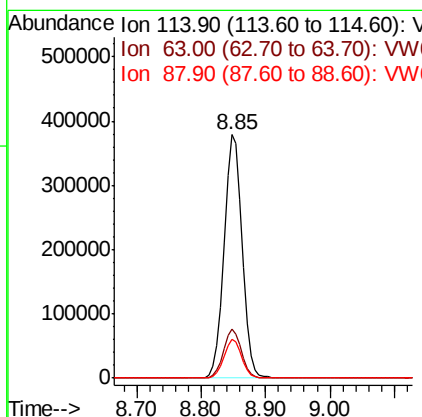
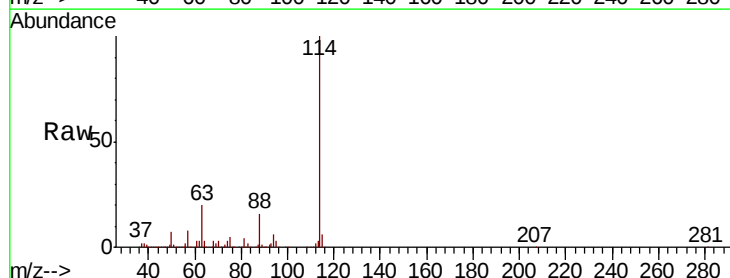
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-H(10-15)

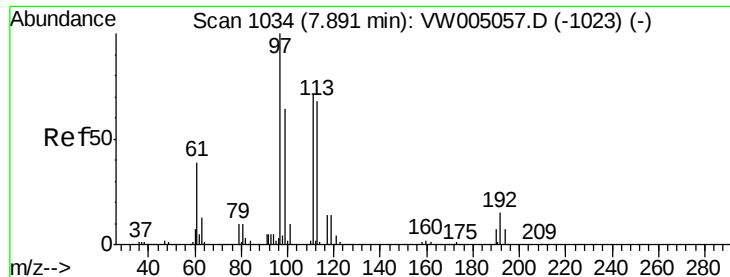
Tot Ion: 65 Resp: 251724
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005198.D
 Acq: 07 Sep 2018 08:04

Tgt Ion: 114 Resp: 752437
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.7 0.0 30.2

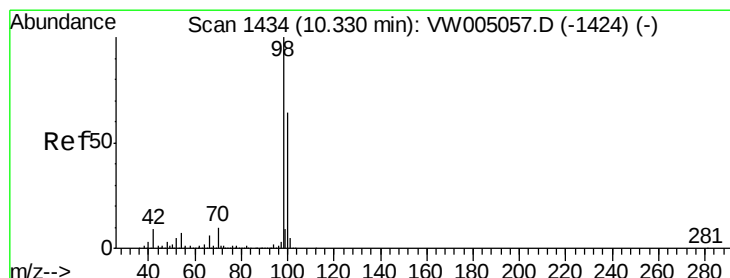
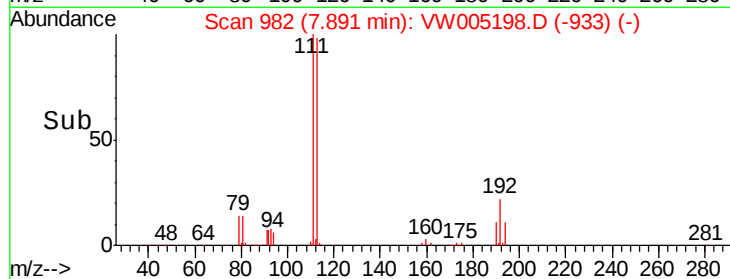
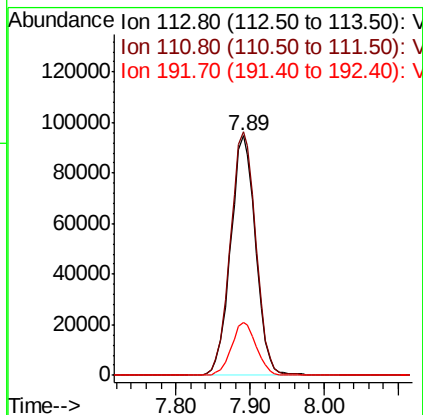
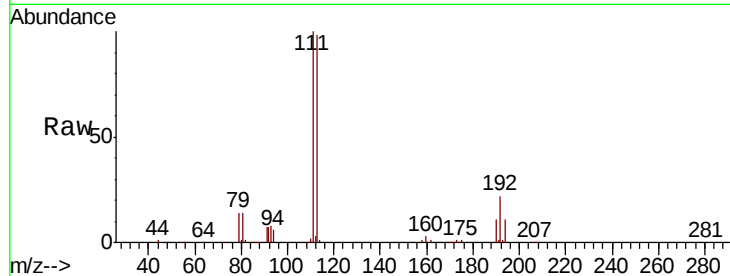




#35
Dibromofluoromethane
Concen: 51.24 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005198.D
Acq: 07 Sep 2018 08:04

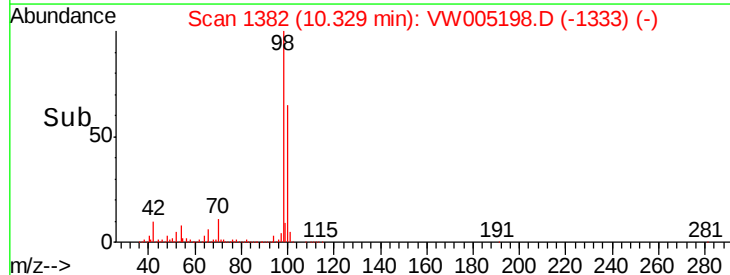
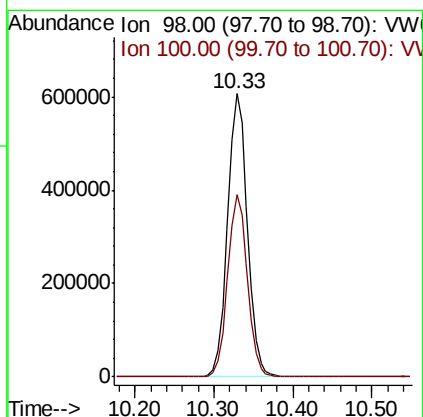
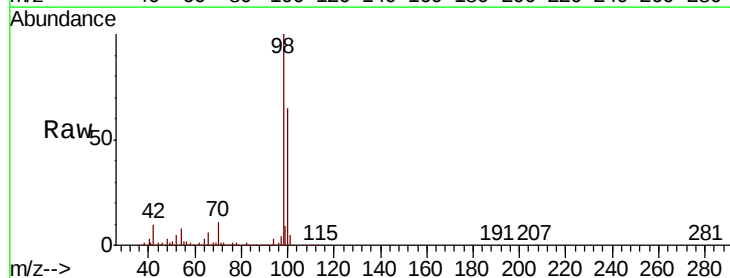
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-H(10-15)

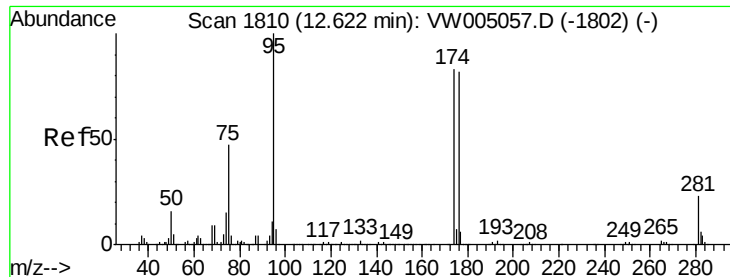
Tot Ion:113 Resp: 222783
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 22.1 18.1 27.1



#50
Toluene-d8
Concen: 52.77 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005198.D
Acq: 07 Sep 2018 08:04

Tgt Ion: 98 Resp: 1057369
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

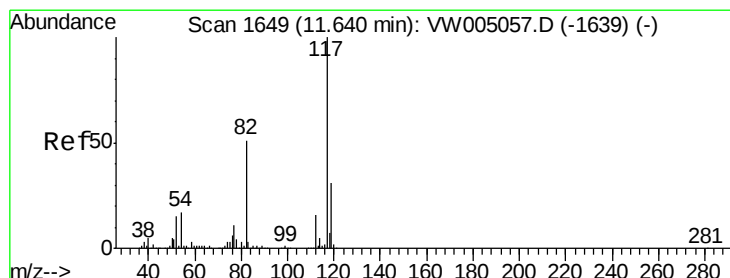
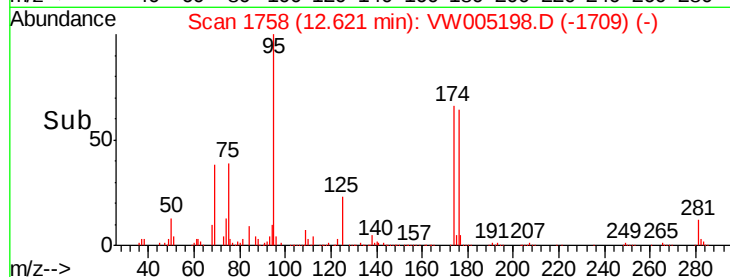
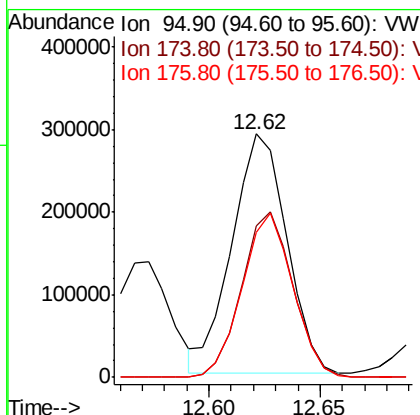
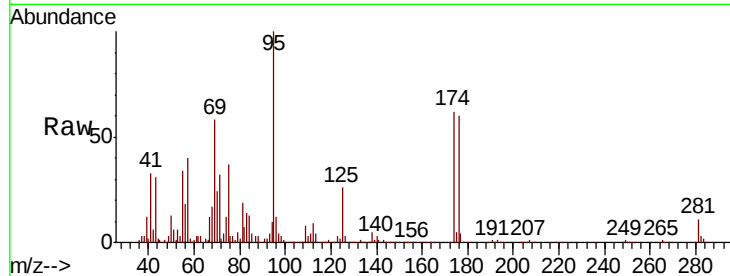




#62
4-Bromofluorobenzene
Concen: 70.15 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005198.D
Acq: 07 Sep 2018 08:04

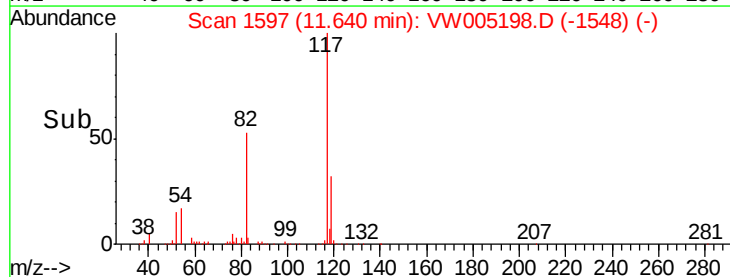
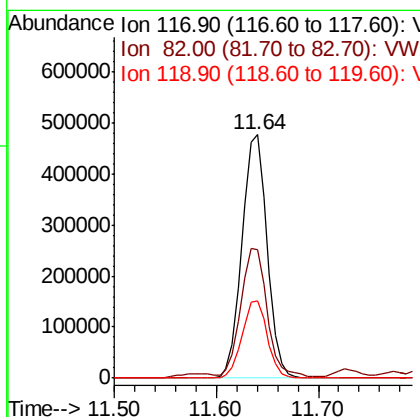
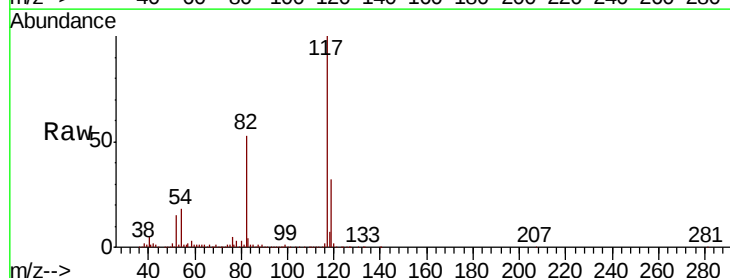
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-H(10-15)

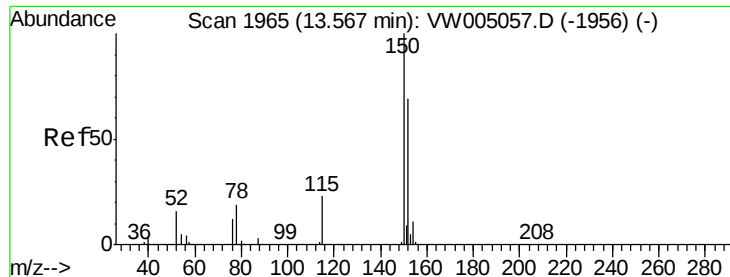
Tot Ion: 95 Resp: 495582
Ion Ratio Lower Upper
95 100
174 65.1 0.0 173.4
176 63.9 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005198.D
Acq: 07 Sep 2018 08:04

Tgt Ion: 117 Resp: 816333
Ion Ratio Lower Upper
117 100
82 51.4 40.9 61.3
119 31.6 24.9 37.3



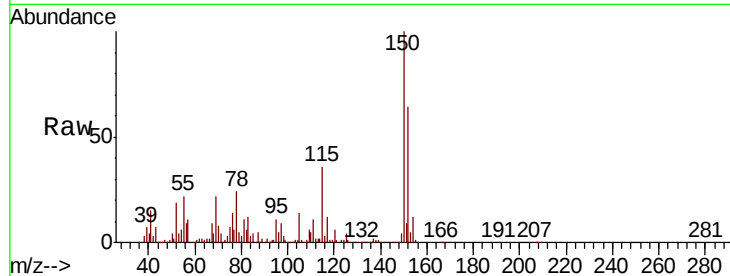


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005198.D
Acq: 07 Sep 2018 08:04

Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-H(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.8	83.4
150	144.1	0.0	351.4

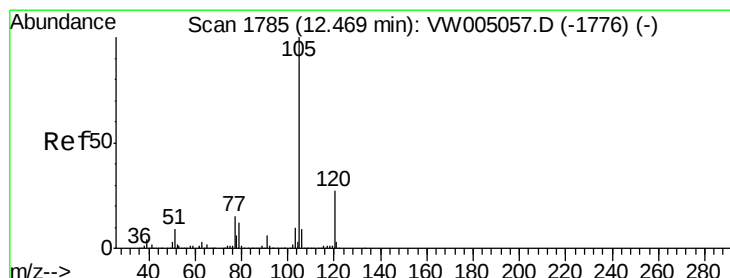
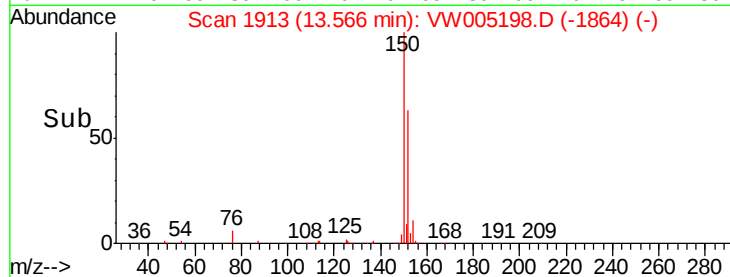
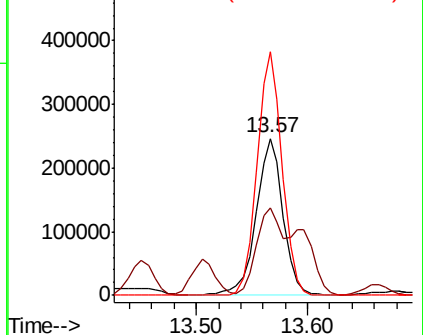


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

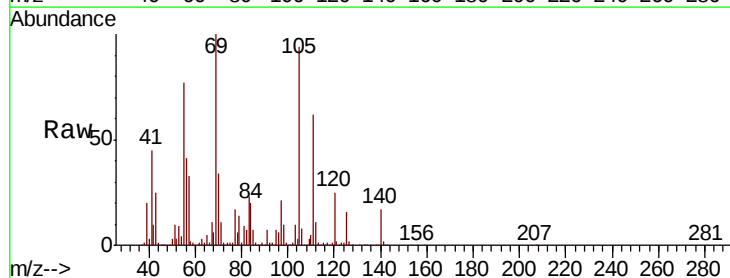
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 12.99 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005198.D
Acq: 07 Sep 2018 08:04

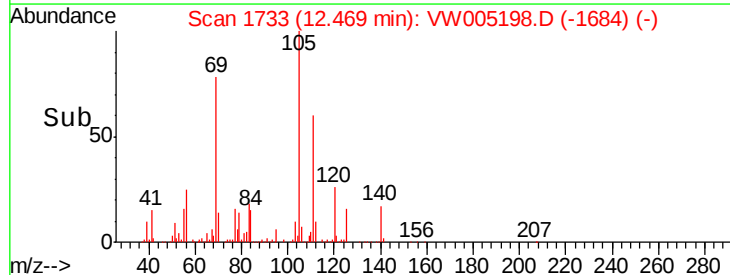
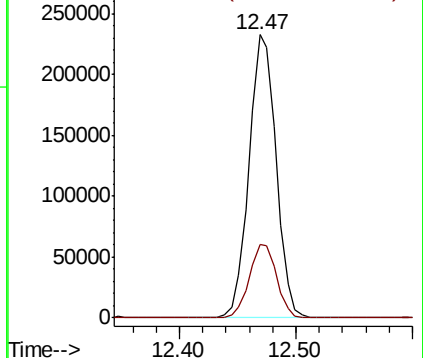
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.1

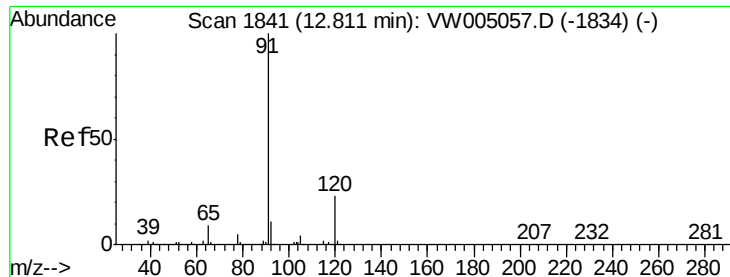


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

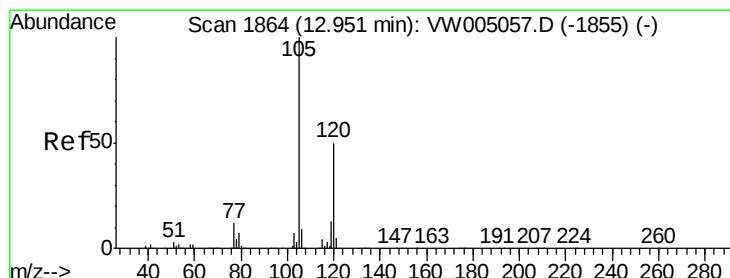
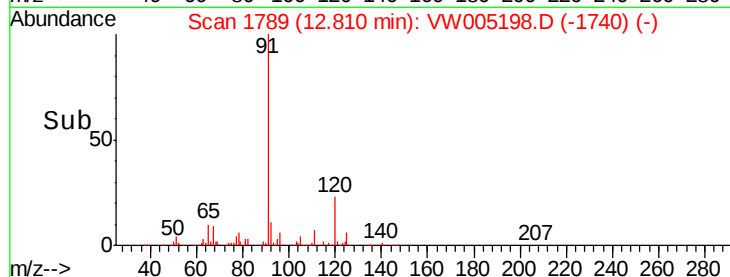
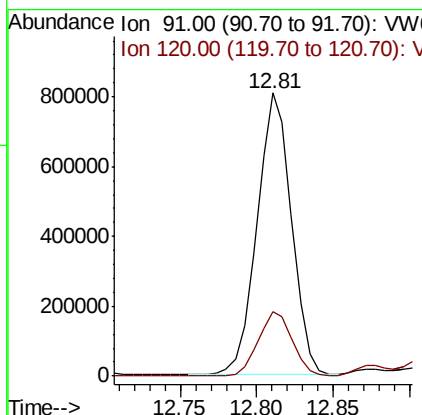
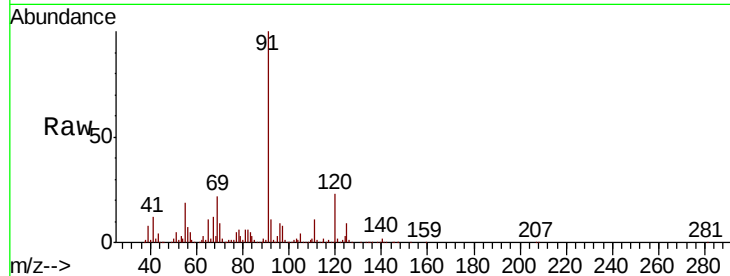




#78
 n-propylbenzene
 Concen: 35.92 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW005198.D
 Acq: 07 Sep 2018 08:04

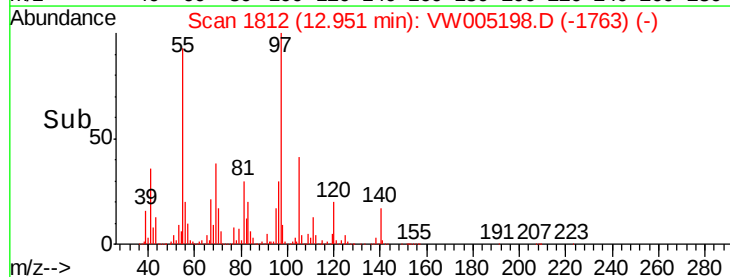
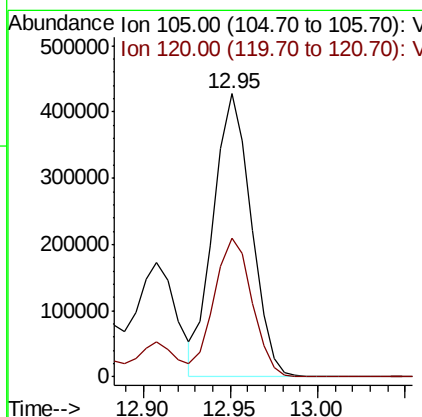
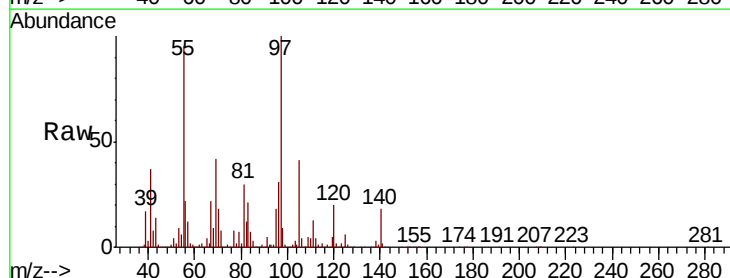
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-H(10-15)

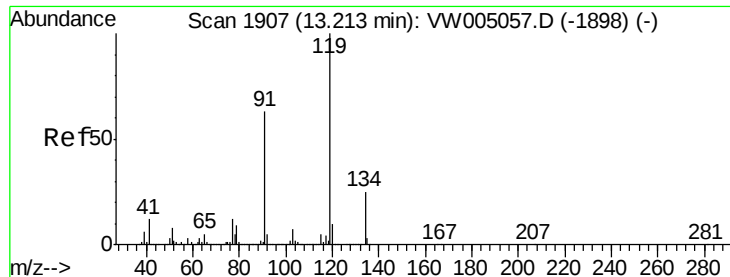
Tot Ion: 91 Resp: 1259358
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.8 35.3



#80
 1,3,5-Trimethylbenzene
 Concen: 25.59 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005198.D
 Acq: 07 Sep 2018 08:04

Tgt Ion: 105 Resp: 642652
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.8





#83

tert-Butylbenzene

Concen: 8.08 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005198.D

Acq: 07 Sep 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-H(10-15)

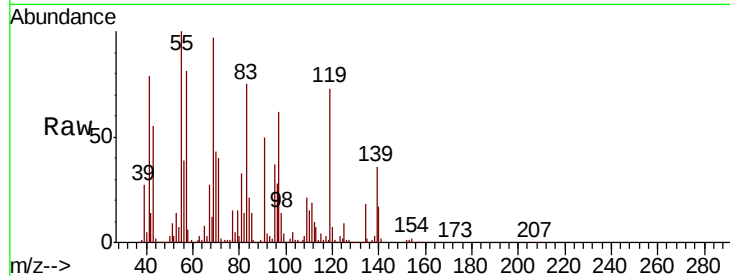
Tot Ion:119 Resp: 169541

Ion Ratio Lower Upper

119 100

91 71.3 31.8 95.4

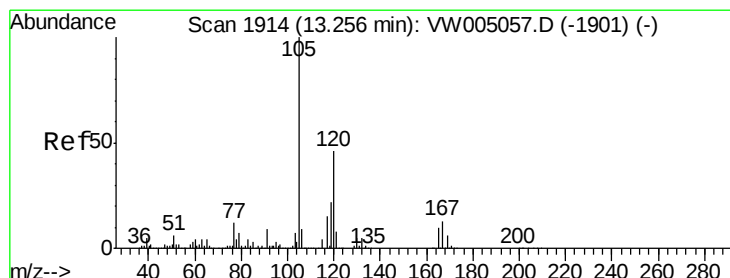
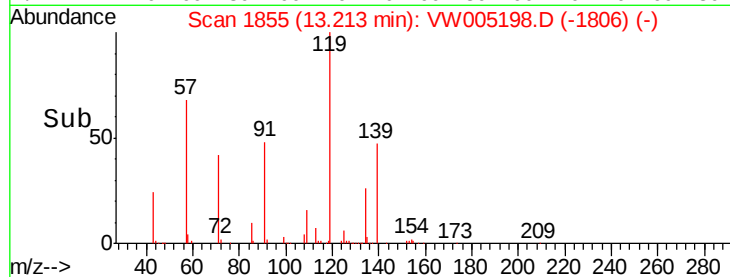
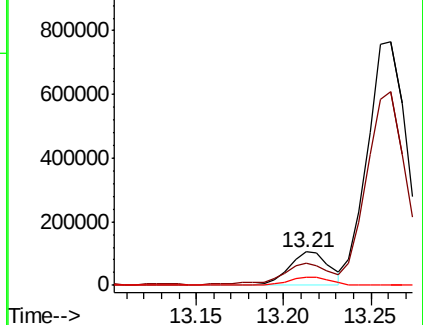
134 25.0 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 367.60 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005198.D

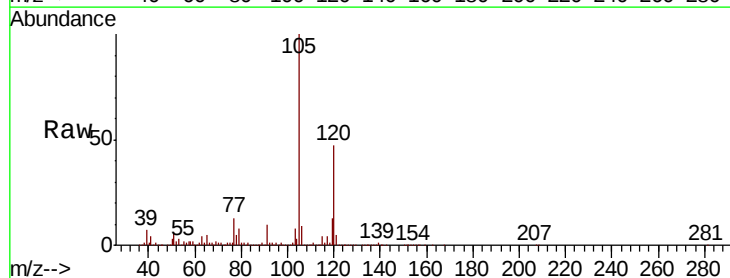
Acq: 07 Sep 2018 08:04

Tgt Ion:105 Resp: 9402031

Ion Ratio Lower Upper

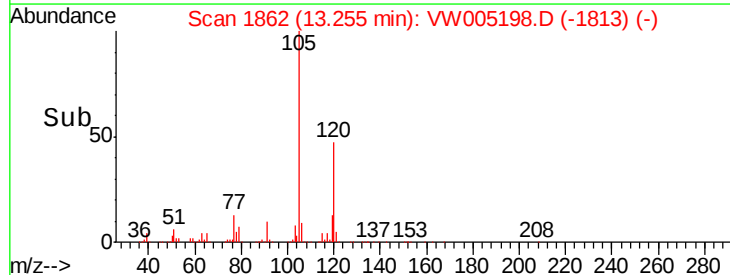
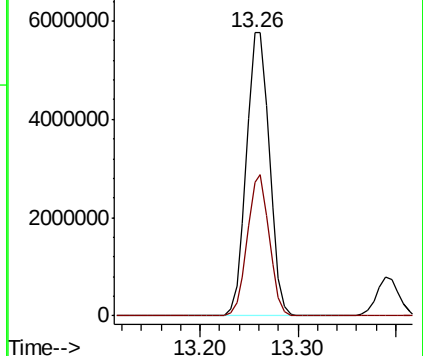
105 100

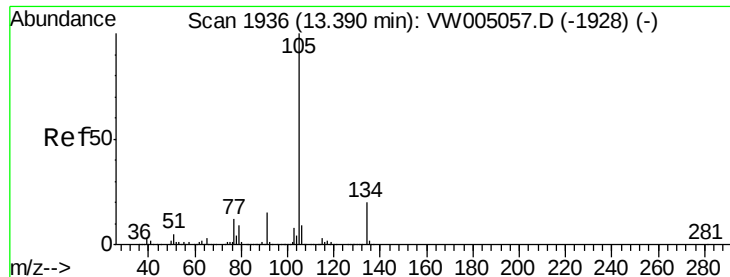
120 47.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

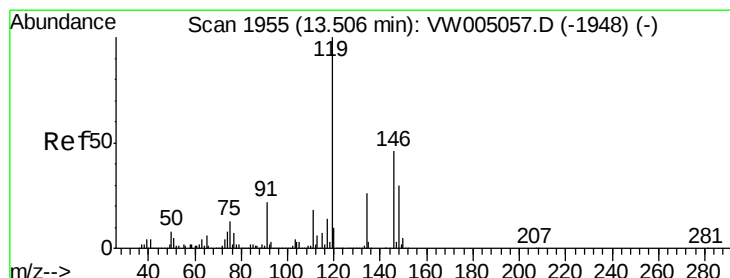
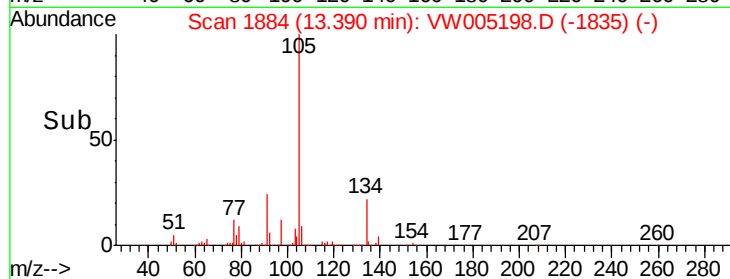
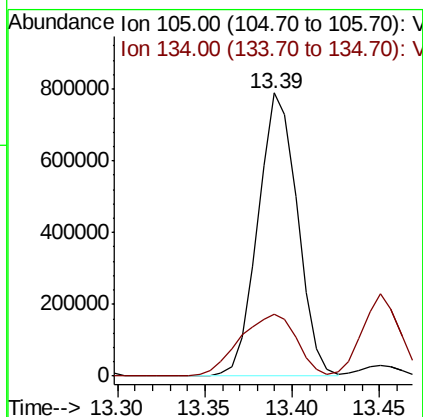
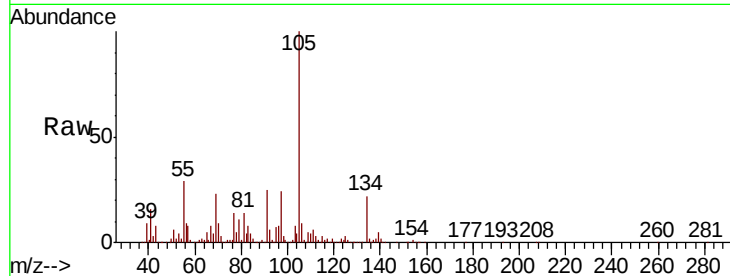




#85
 sec-Butylbenzene
 Concen: 40.09 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005198.D
 Acq: 07 Sep 2018 08:04

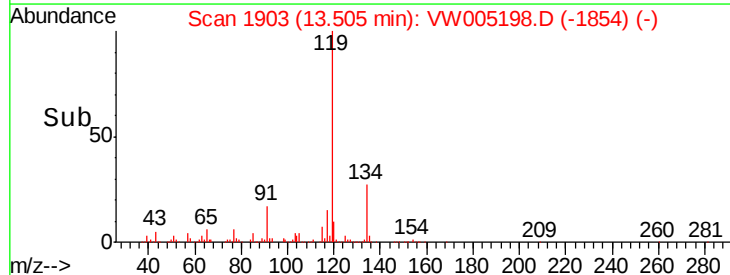
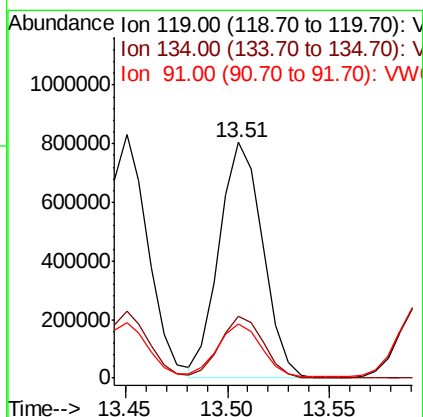
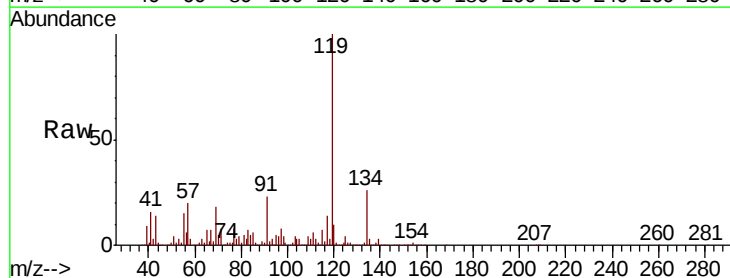
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-H(10-15)

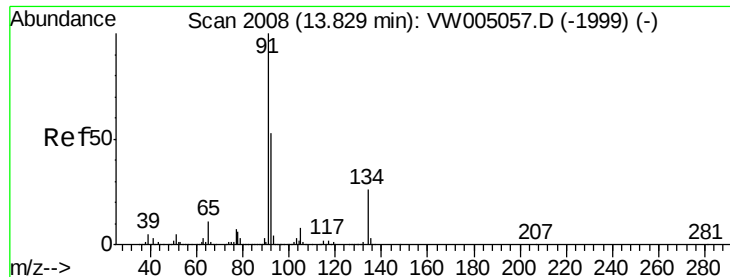
Tot Ion:105 Resp: 1235572
 Ion Ratio Lower Upper
 105 100
 134 31.3 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 43.55 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005198.D
 Acq: 07 Sep 2018 08:04

Tgt Ion:119 Resp: 1188098
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.3 10.9 32.9





#89

n-Butylbenzene

Concen: 39.00 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005198.D

Acq: 07 Sep 2018 08:04

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-H(10-15)

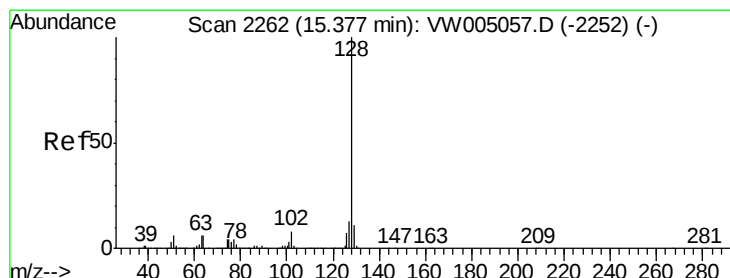
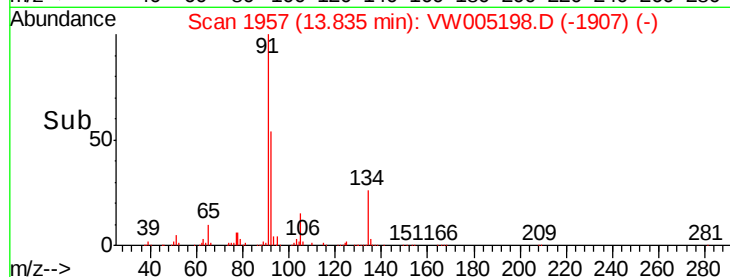
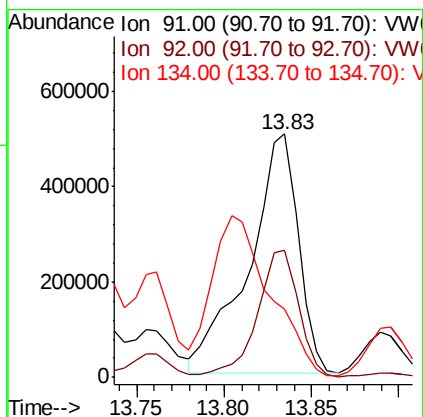
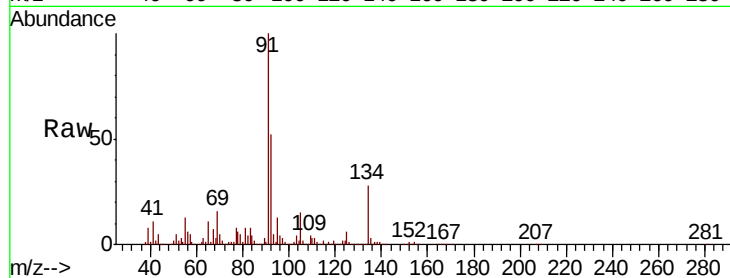
Tot Ion: 91 Resp: 986075

Ion Ratio Lower Upper

91 100

92 44.2 26.5 79.5

134 0.0 13.5 40.4#



#95

Naphthalene

Concen: 6.15 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005198.D

Acq: 07 Sep 2018 08:04

Tgt Ion: 128 Resp: 35096

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 8.8 8.7 13.1

