

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005110.D
 Acq On : 05 Sep 2018 05:59
 Operator : SY/AP
 Sample : J4693-02
 Misc : 5.92G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Sep 05 08:01:29 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	7.95	168	418102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	707911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	719987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	376200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	188505	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	7.89	113	188043	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	10.33	98	717038	38.04	ug/l	0.00
Spiked Amount			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	12.62	95	397818	59.85	ug/l	0.00
Spiked Amount			Recovery	=	119.70%	

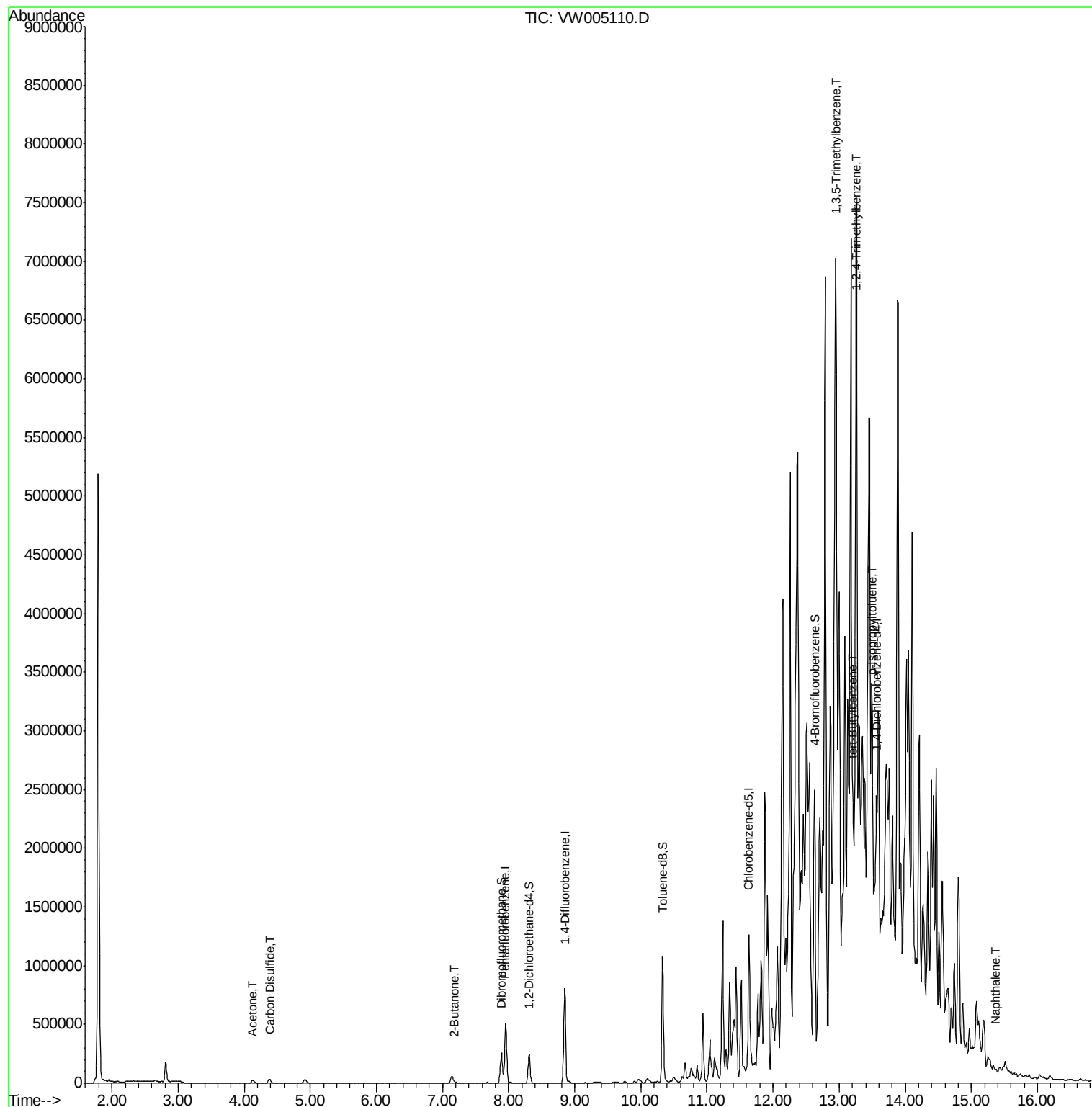
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	42369	60.96	ug/l	95
17) Carbon Disulfide	4.39	76	71896	6.10	ug/l	99
25) 2-Butanone	7.18	43	13127	10.89	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	211234	9.21	ug/l	100
83) tert-Butylbenzene	13.21	119	117113	6.11	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	3367887	144.16	ug/l	99
86) p-Isopropyltoluene	13.51	119	332496	13.34	ug/l	98
95) Naphthalene	15.38	128	26633	5.79	ug/l	97

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005110.D

Acq: 05 Sep 2018 05:59

Instrument :

MSVOA_W

ClientSampleId :

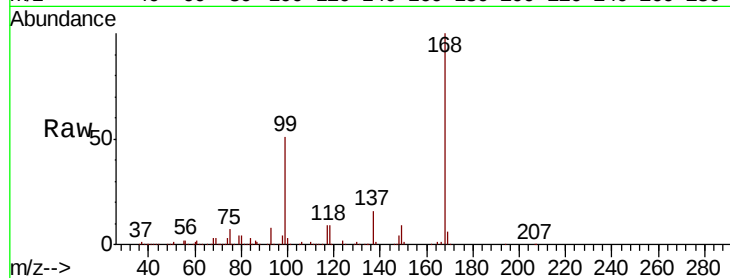
EP1-MW-E(10-15)

Tot Ion:168 Resp: 418102

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

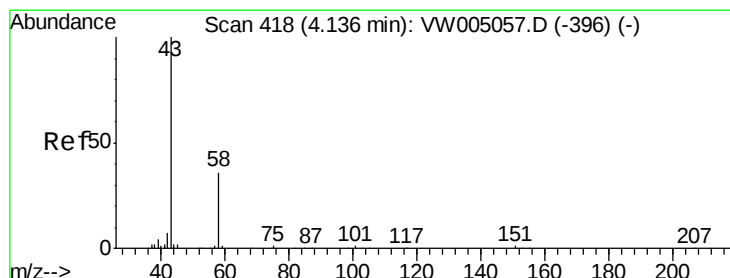
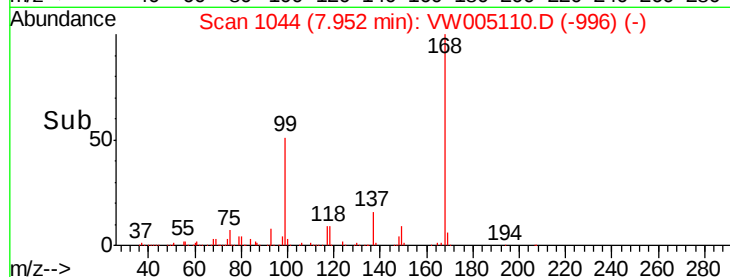
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 60.96 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005110.D

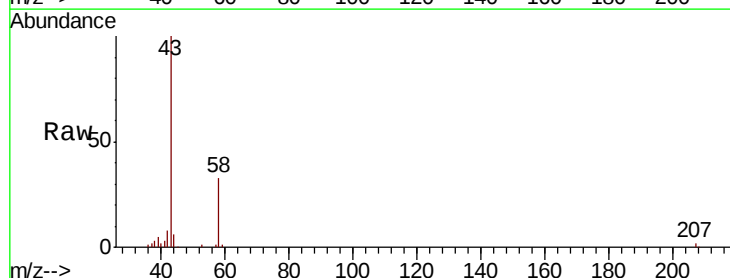
Acq: 05 Sep 2018 05:59

Tgt Ion: 43 Resp: 42369

Ion Ratio Lower Upper

43 100

58 33.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

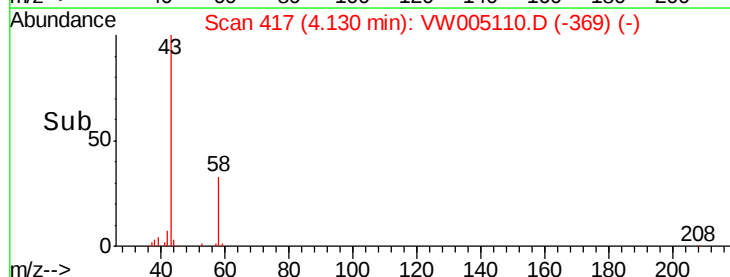
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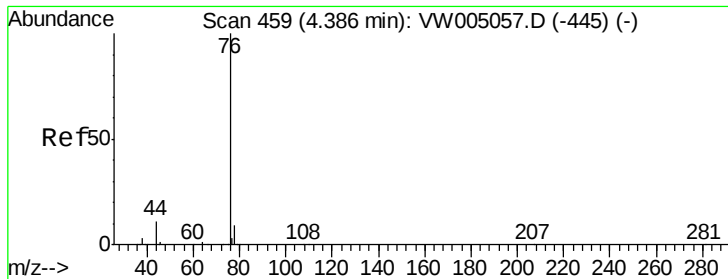
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Time-->

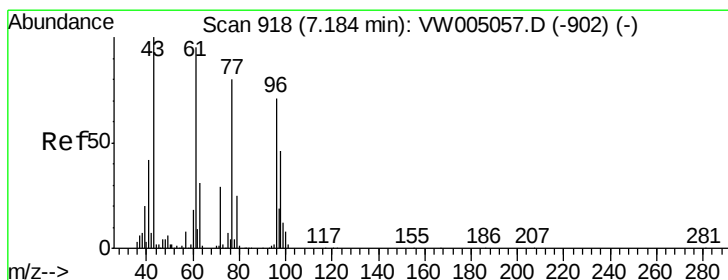
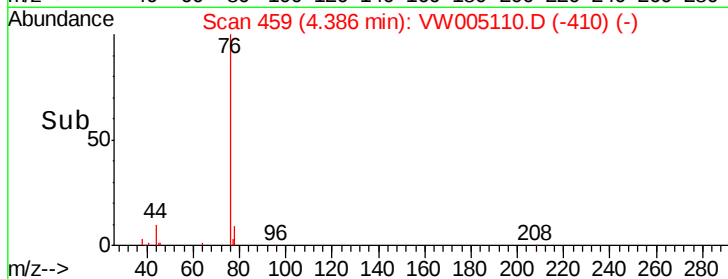
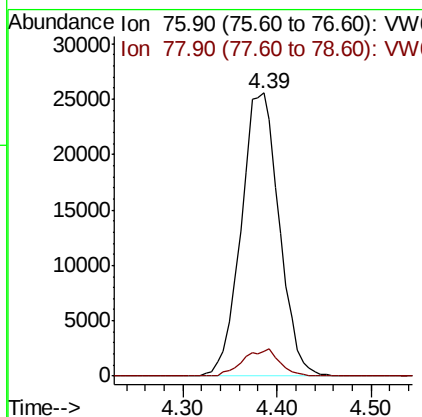
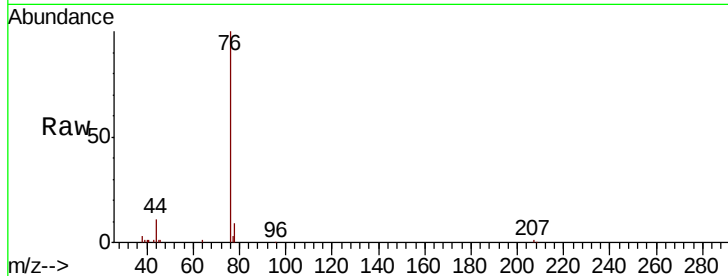




#17
Carbon Disulfide
Concen: 6.10 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005110.D
Acq: 05 Sep 2018 05:59

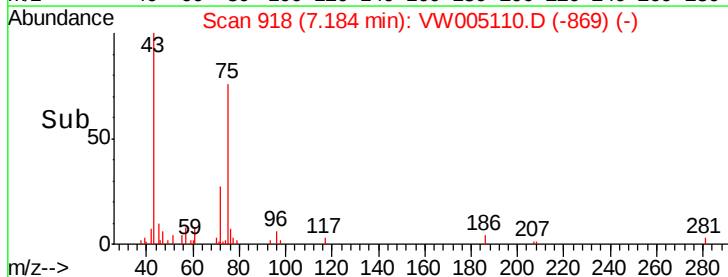
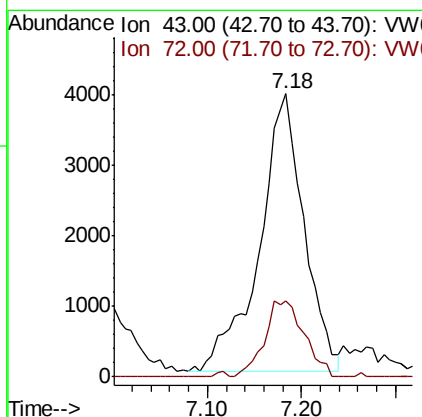
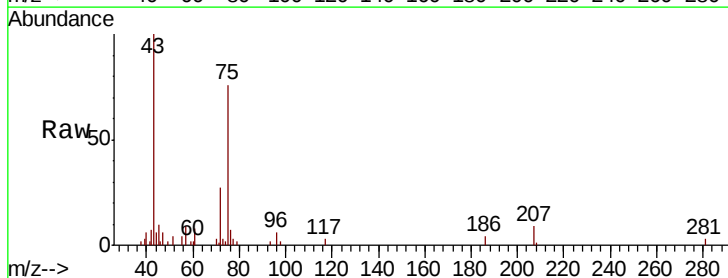
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(10-15)

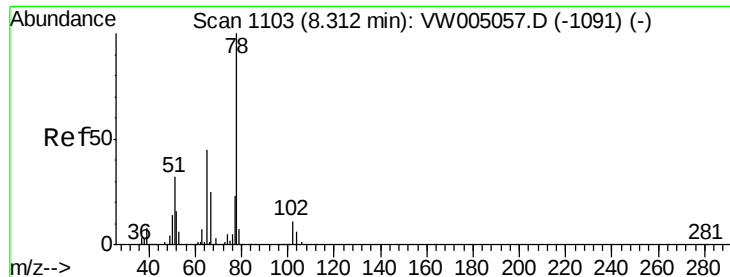
Tot Ion: 76 Resp: 71896
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#25
2-Butanone
Concen: 10.89 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW005110.D
Acq: 05 Sep 2018 05:59

Tgt Ion: 43 Resp: 13127
Ion Ratio Lower Upper
43 100
72 27.2 23.1 34.7

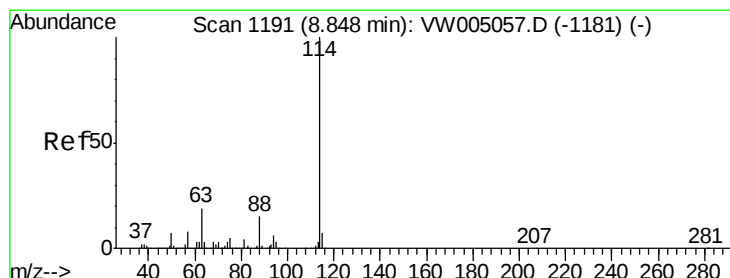
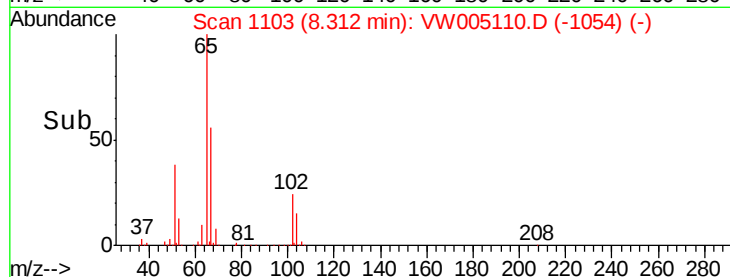
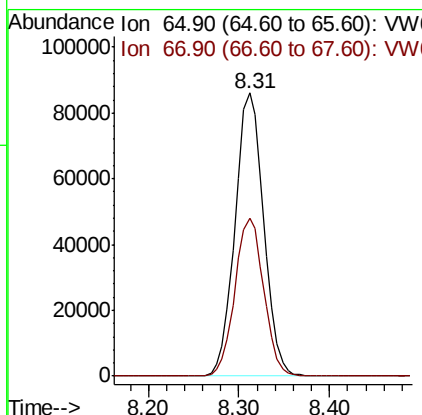
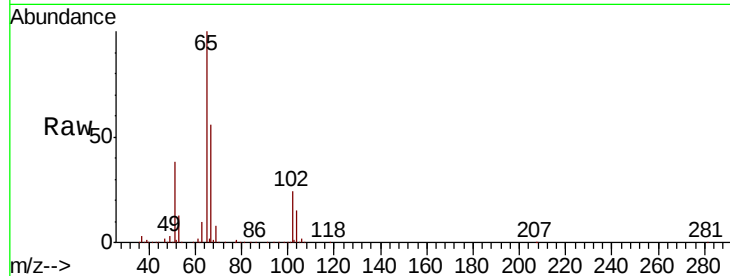




#33
 1,2-Dichloroethane-d4
 Concen: 54.39 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005110.D
 Acq: 05 Sep 2018 05:59

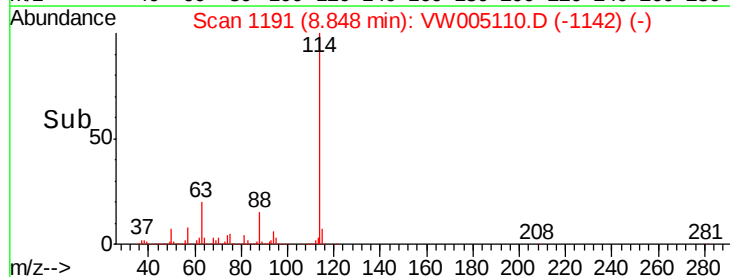
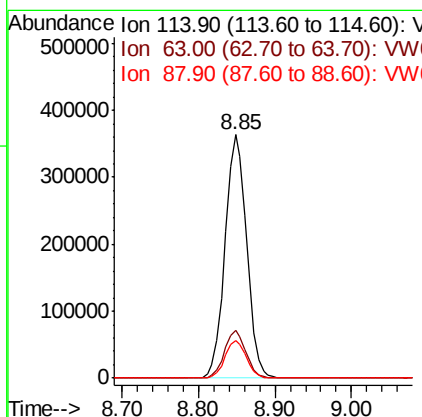
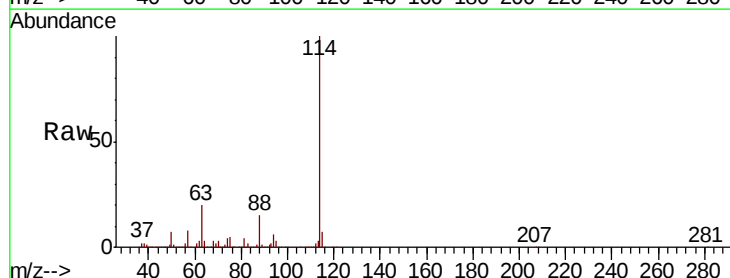
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-E(10-15)

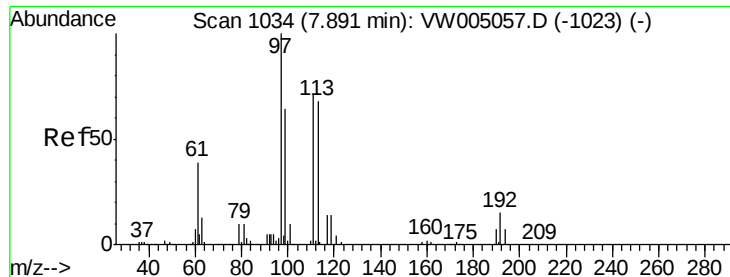
Tot Ion: 65 Resp: 188505
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005110.D
 Acq: 05 Sep 2018 05:59

Tgt Ion: 114 Resp: 707911
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.5 0.0 30.2

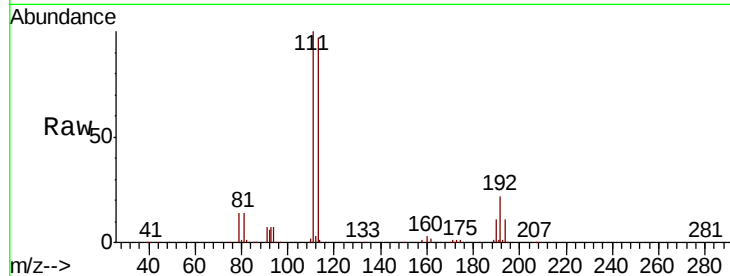




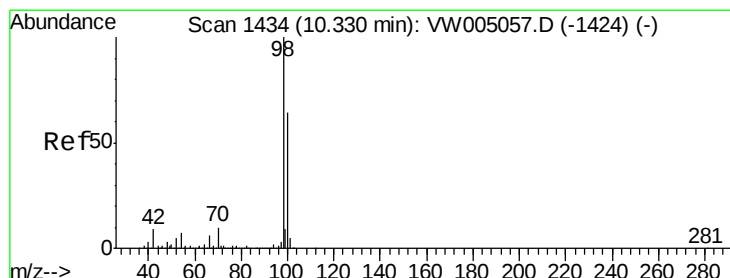
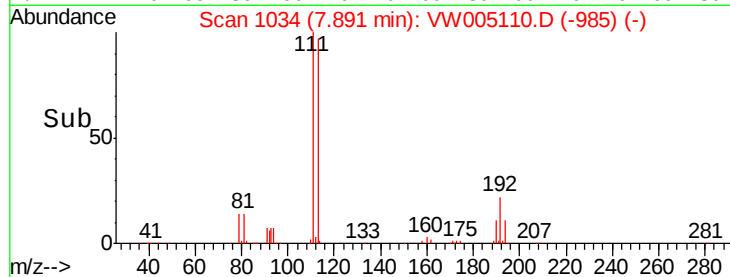
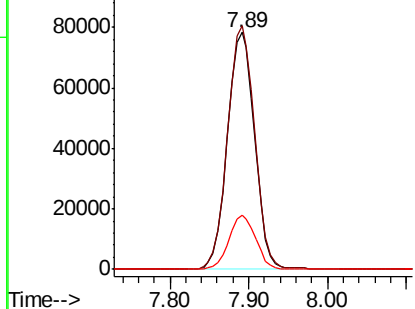
#35
 Dibromofluoromethane
 Concen: 45.97 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005110.D
 Acq: 05 Sep 2018 05:59

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

Tot Ion:113 Resp: 188043
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 22.4 18.1 27.1

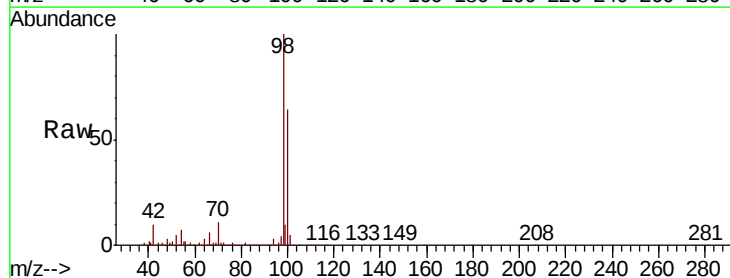


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

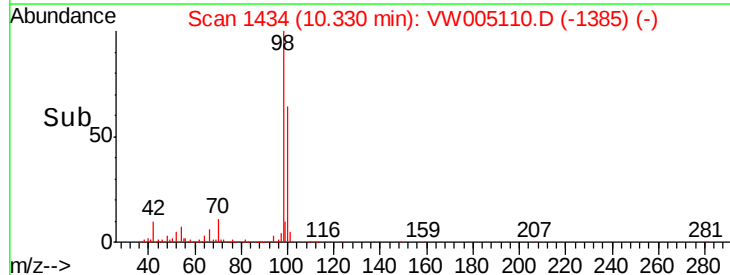
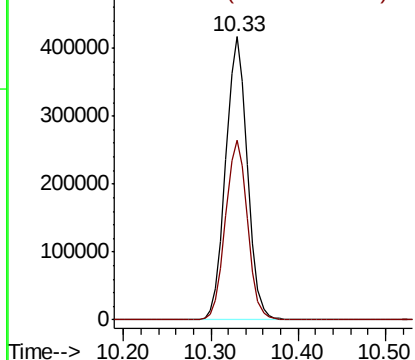


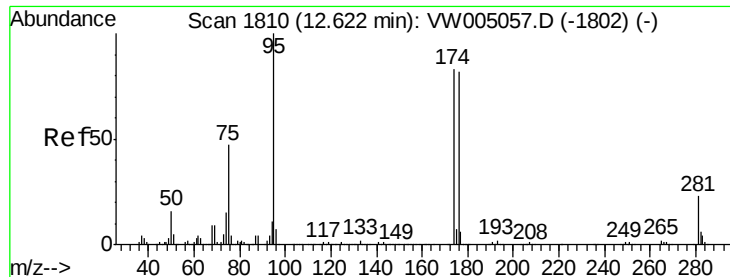
#50
 Toluene-d8
 Concen: 38.04 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005110.D
 Acq: 05 Sep 2018 05:59

Tgt Ion: 98 Resp: 717038
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5



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

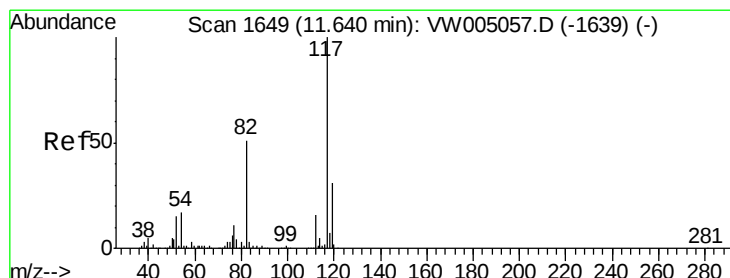
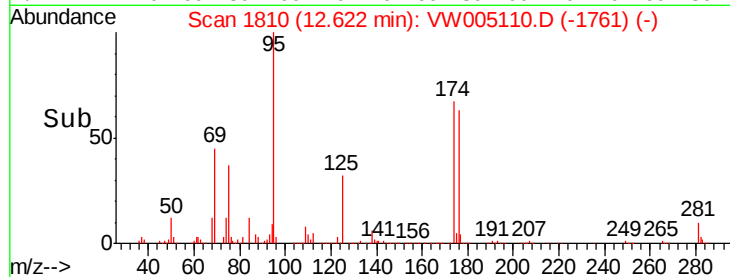
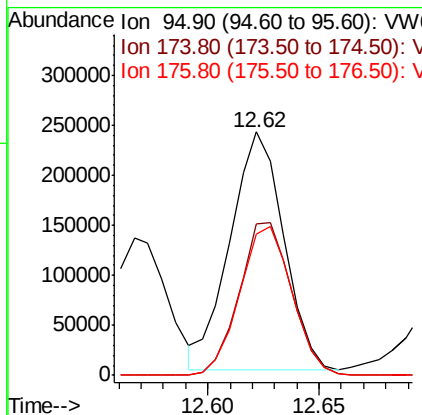
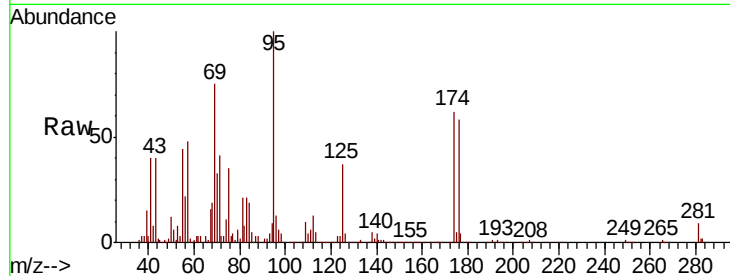




#62
4-Bromofluorobenzene
Concen: 59.85 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW005110.D
Acq: 05 Sep 2018 05:59

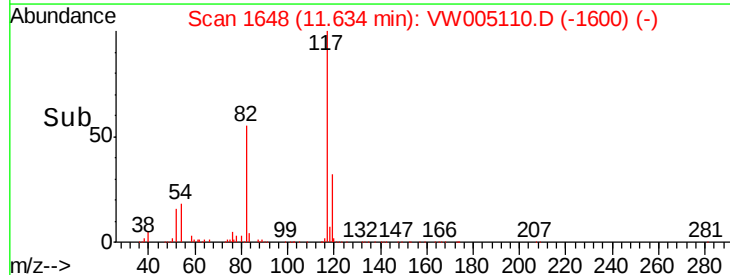
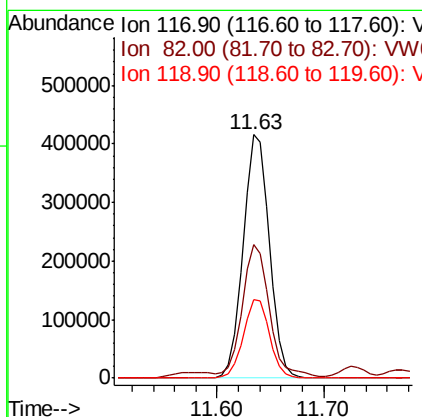
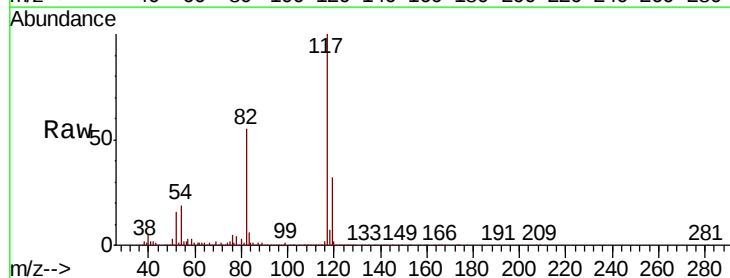
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-E(10-15)

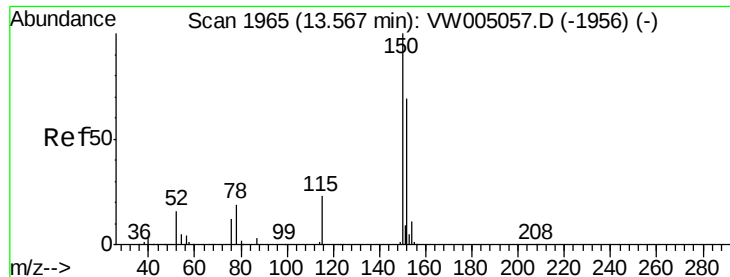
Tot Ion: 95 Resp: 397818
Ion Ratio Lower Upper
95 100
174 62.9 0.0 173.4
176 61.4 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005110.D
Acq: 05 Sep 2018 05:59

Tgt Ion: 117 Resp: 719987
Ion Ratio Lower Upper
117 100
82 52.6 40.9 61.3
119 32.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005110.D

Acq: 05 Sep 2018 05:59

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(10-15)

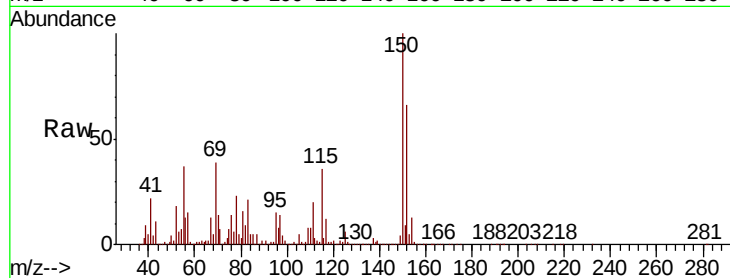
Tot Ion:152 Resp: 376200

Ion Ratio Lower Upper

152 100

115 59.2 27.8 83.4

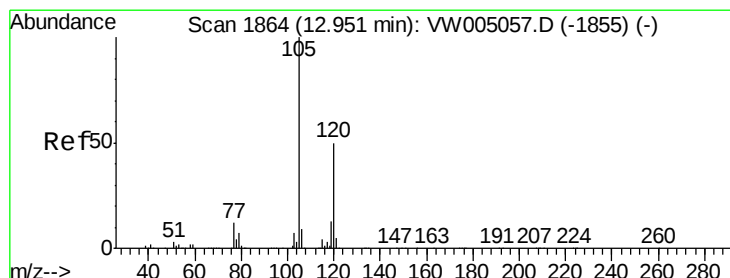
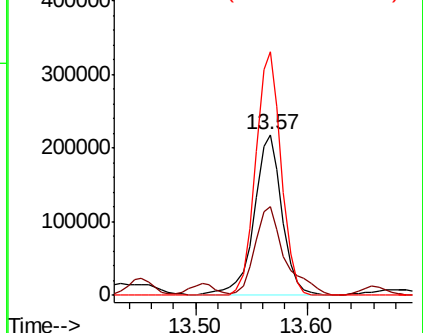
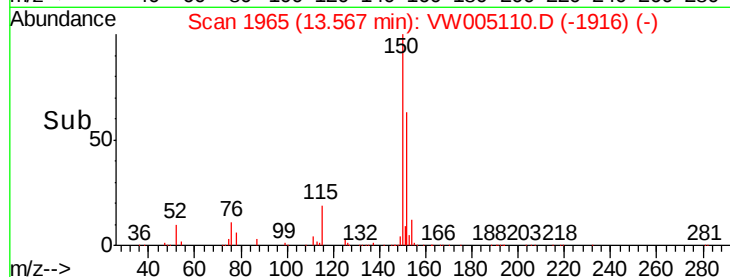
150 139.3 0.0 351.4



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



#80

1,3,5-Trimethylbenzene

Concen: 9.21 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005110.D

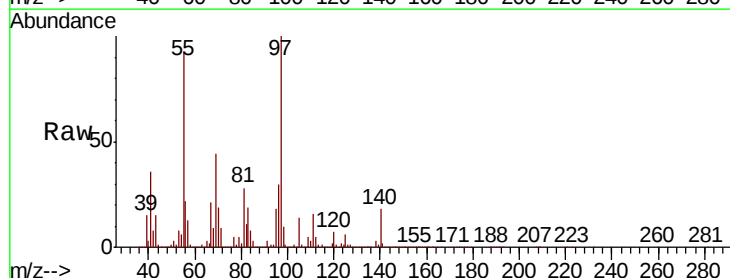
Acq: 05 Sep 2018 05:59

Tgt Ion:105 Resp: 211234

Ion Ratio Lower Upper

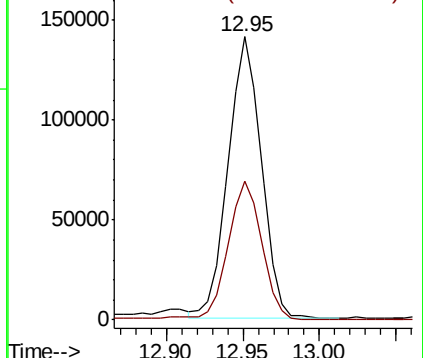
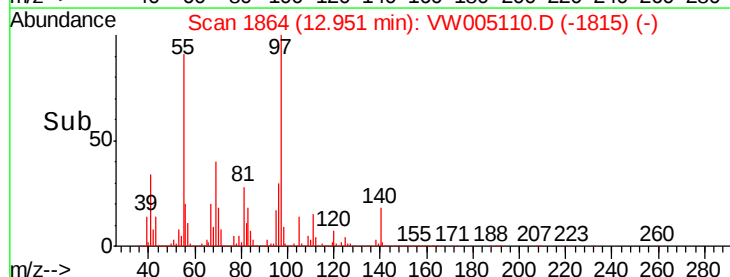
105 100

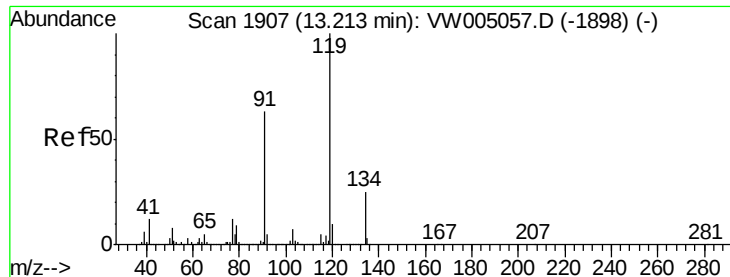
120 50.1 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 6.11 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW005110.D

Acq: 05 Sep 2018 05:59

Instrument :

MSVOA_W

ClientSampled :

EP1-MW-E(10-15)

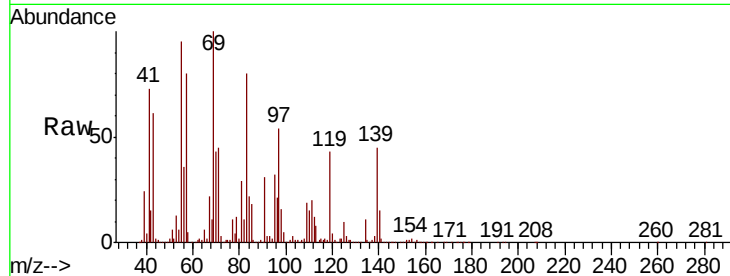
Tot Ion:119 Resp: 117113

Ion Ratio Lower Upper

119 100

91 74.0 31.8 95.4

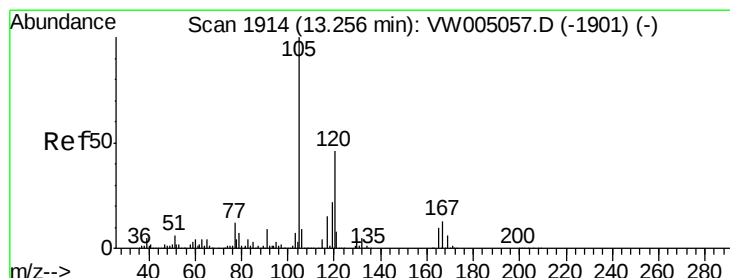
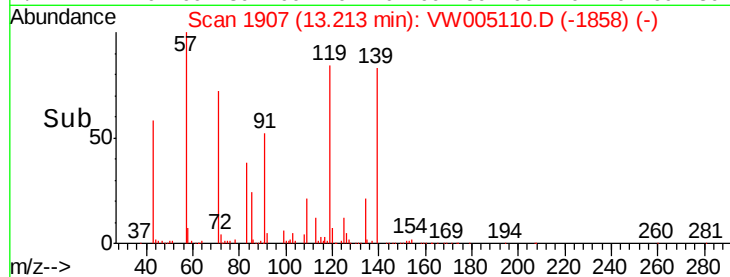
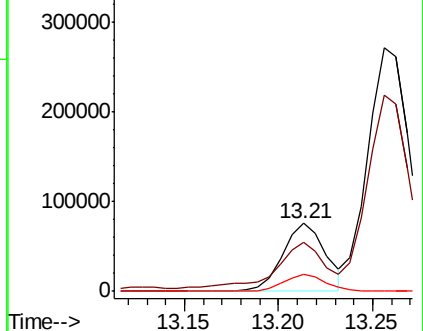
134 25.1 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 144.16 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. 0.00 min

Lab File: VW005110.D

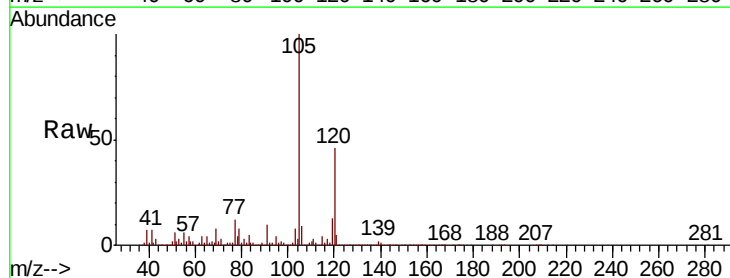
Acq: 05 Sep 2018 05:59

Tgt Ion:105 Resp: 3367887

Ion Ratio Lower Upper

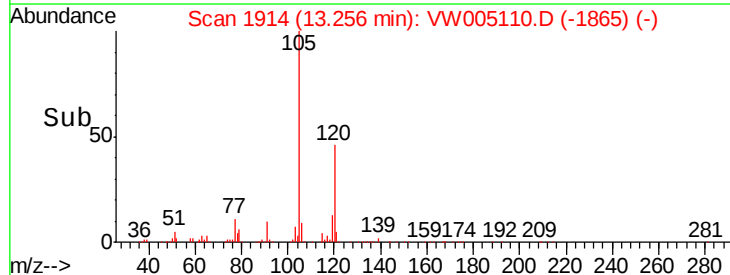
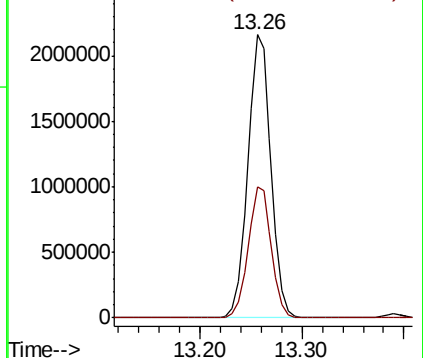
105 100

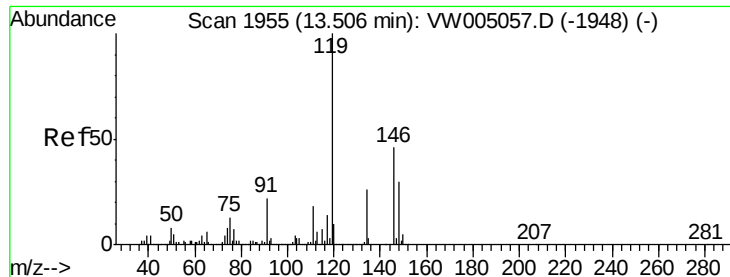
120 46.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#86

p-Isopropyltoluene

Concen: 13.34 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005110.D

Acq: 05 Sep 2018 05:59

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-E(10-15)

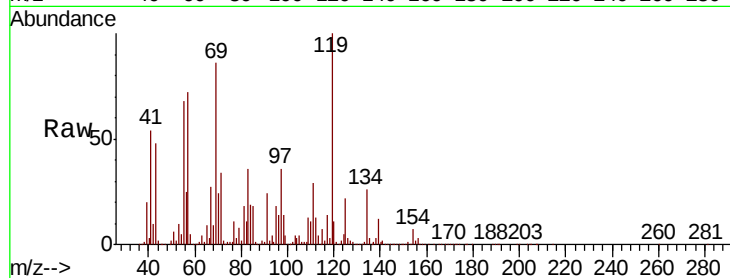
Tot Ion:119 Resp: 332496

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

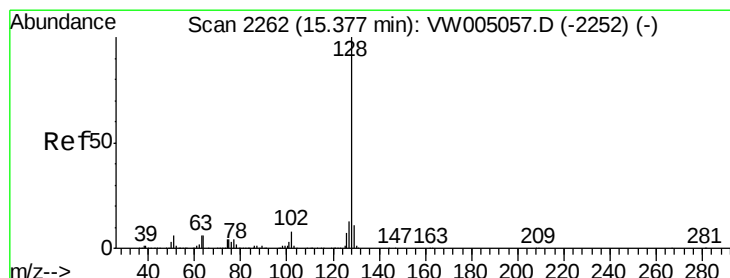
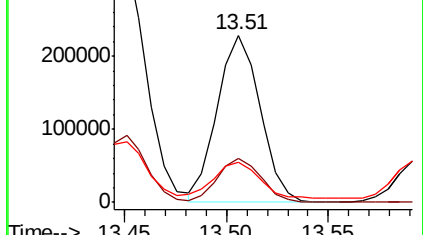
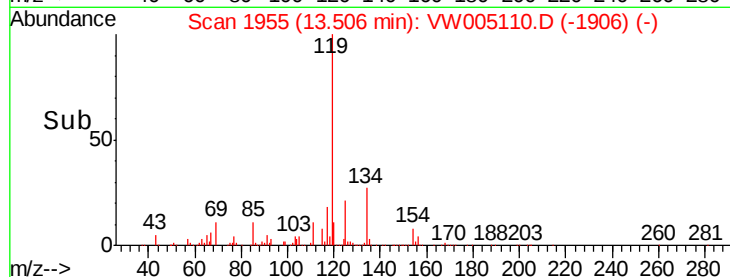
91 24.0 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 5.79 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005110.D

Acq: 05 Sep 2018 05:59

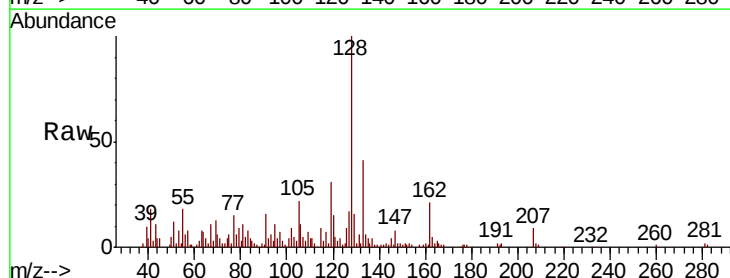
Tgt Ion:128 Resp: 26633

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 8.9 8.7 13.1



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

