

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005195.D
 Acq On : 07 Sep 2018 06:47
 Operator : SY/AP
 Sample : J4693-18
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Sep 07 08:56:13 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	434605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	690373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	746298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392128	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	231454	64.24	ug/l	0.00
Spiked Amount			Recovery	=	128.48%	
35) Dibromofluoromethane	7.89	113	207496	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
50) Toluene-d8	10.33	98	968901	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	405004	62.48	ug/l	0.00
Spiked Amount			Recovery	=	124.96%	

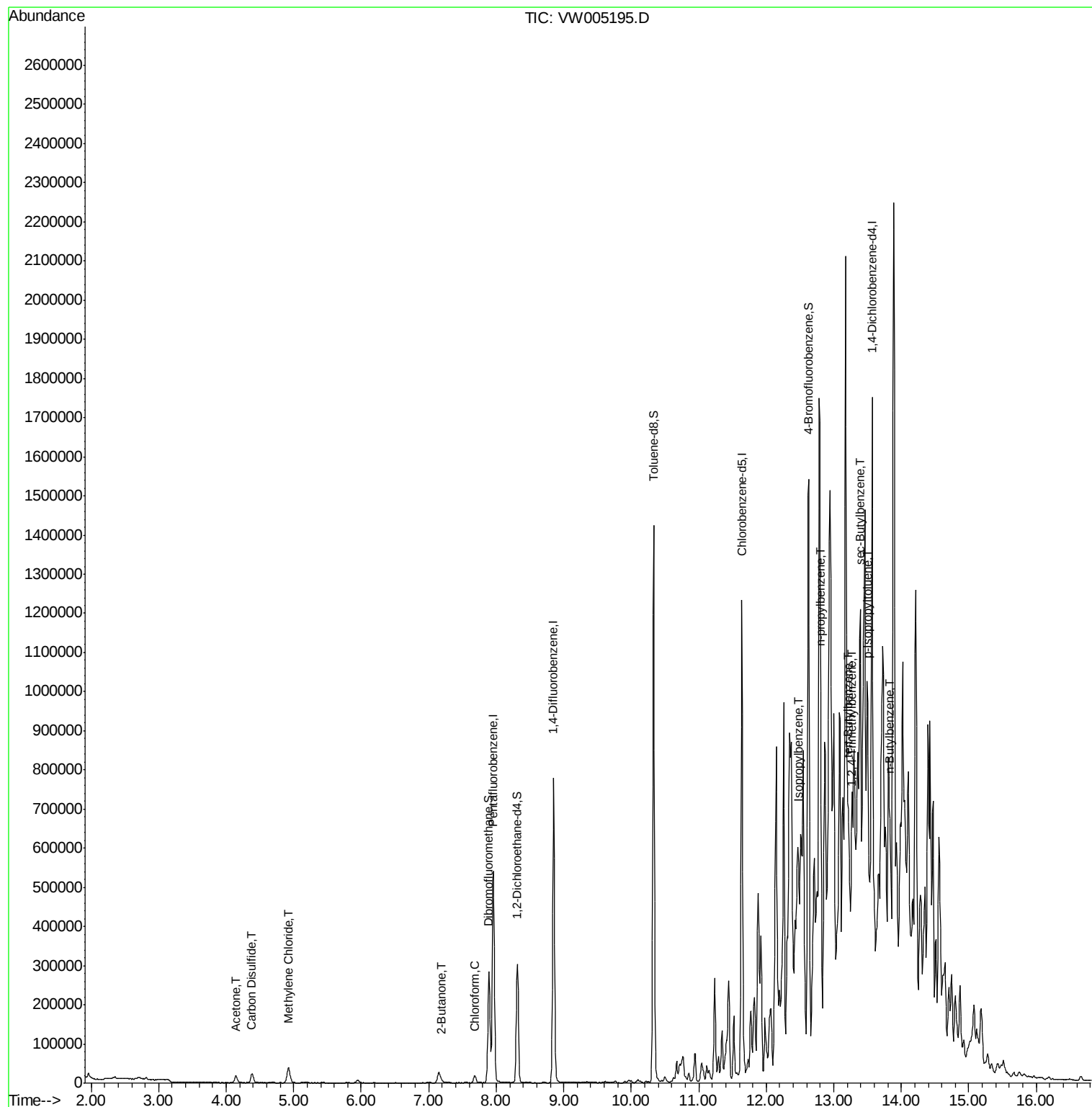
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	30715	42.51	ug/l	88
17) Carbon Disulfide	4.38	76	47733	3.90	ug/l	98
20) Methylene Chloride	4.92	84	31803	2.84	ug/l	97
25) 2-Butanone	7.19	43	9208	7.35	ug/l	93
30) Chloroform	7.68	83	16656	2.26	ug/l	94
73) Isopropylbenzene	12.47	105	177968	6.44	ug/l	99
78) n-propylbenzene	12.81	91	272799	8.17	ug/l	98
83) tert-Butylbenzene	13.21	119	62559	3.13	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	44311	1.82	ug/l	99
85) sec-Butylbenzene	13.39	105	337562	11.50	ug/l #	76
86) p-Isopropyltoluene	13.51	119	120774	4.65	ug/l	98
89) n-Butylbenzene	13.83	91	159430	6.62	ug/l #	76

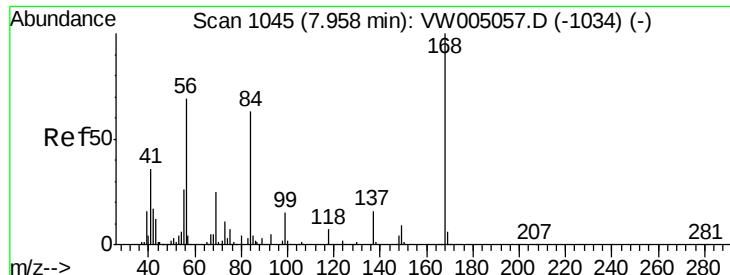
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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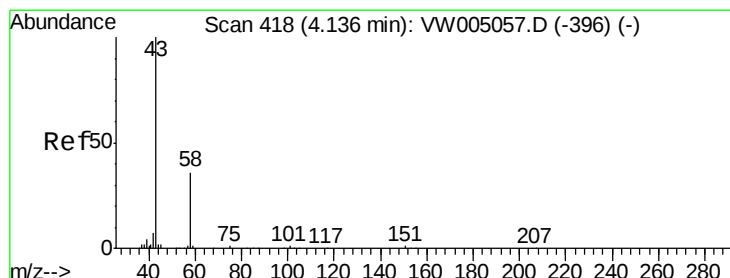
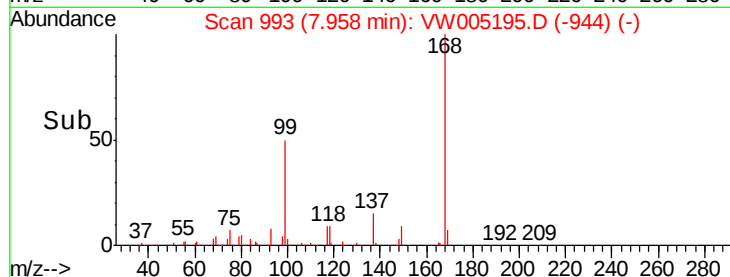
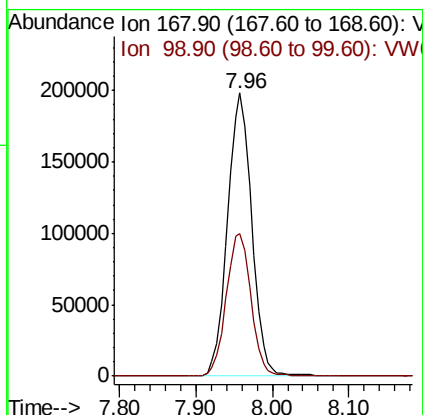
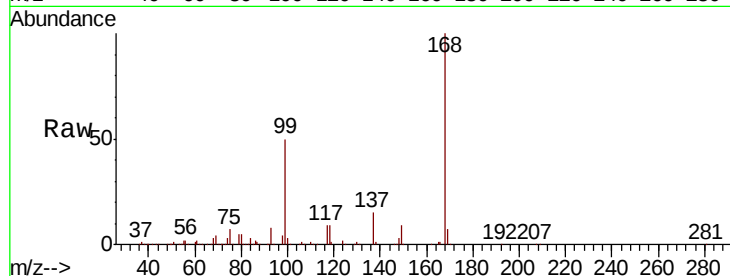




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

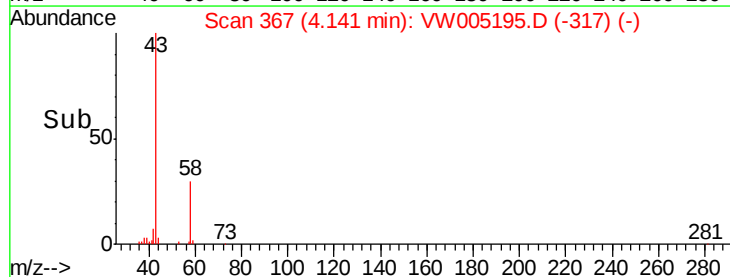
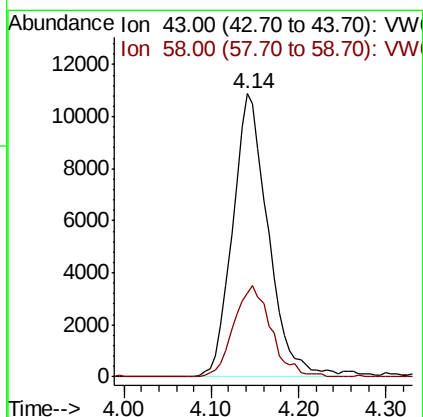
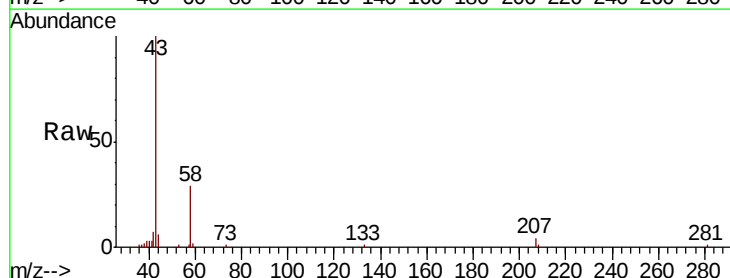
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(10-15)

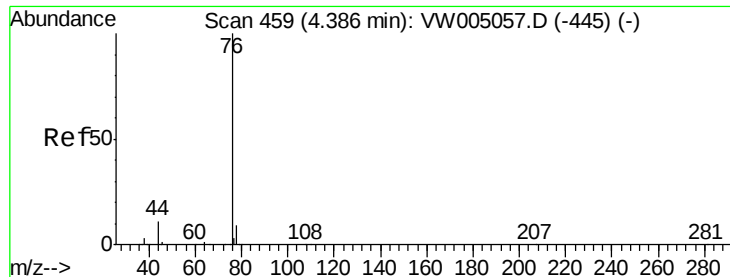
Tot Ion:168 Resp: 434605
Ion Ratio Lower Upper
168 100
99 50.5 39.4 59.0



#16
Acetone
Concen: 42.51 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

Tgt Ion: 43 Resp: 30715
Ion Ratio Lower Upper
43 100
58 29.4 29.0 43.6





#17

Carbon Disulfide

Concen: 3.90 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005195.D

Acq: 07 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

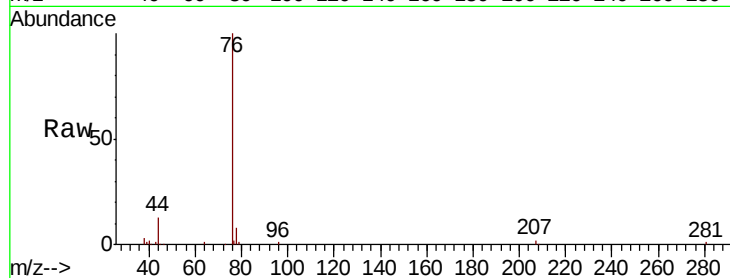
EP1-MW-G(10-15)

Tot Ion: 76 Resp: 47733

Ion Ratio Lower Upper

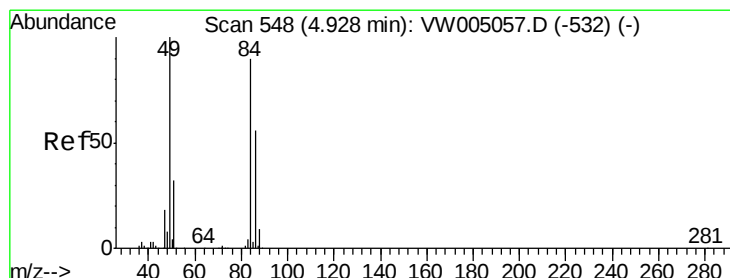
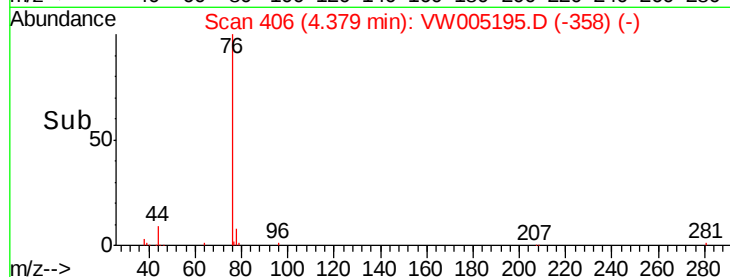
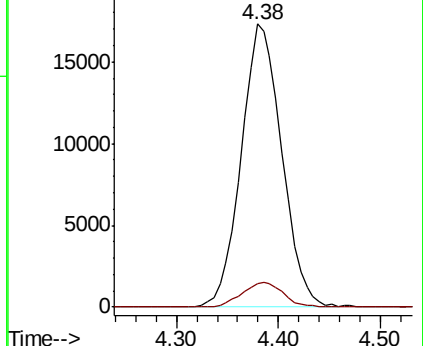
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.84 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005195.D

Acq: 07 Sep 2018 06:47

Tgt Ion: 84 Resp: 31803

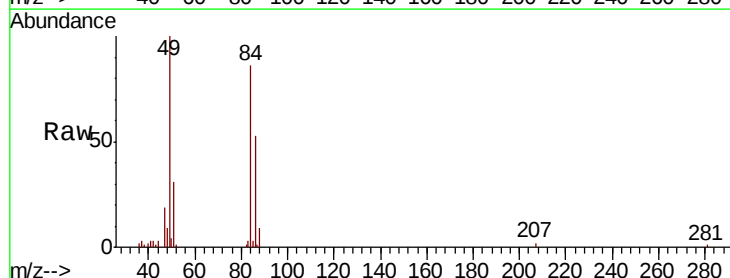
Ion Ratio Lower Upper

84 100

49 116.6 88.7 133.1

51 36.6 28.6 42.8

86 61.3 49.4 74.2

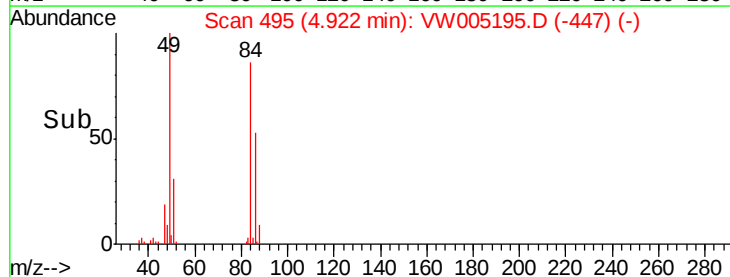
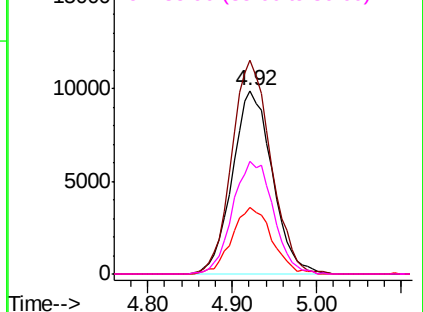


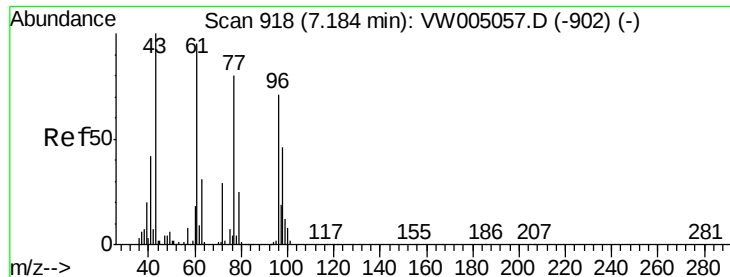
Abundance Ion 83.90 (83.60 to 84.60): VW

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

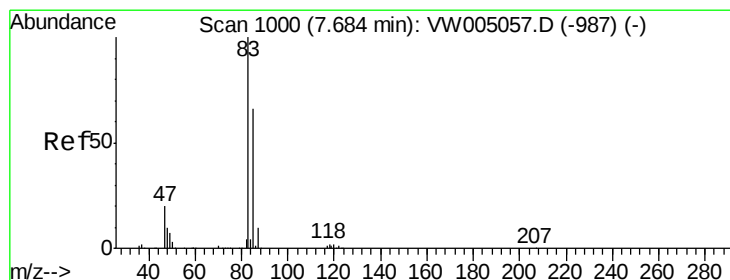
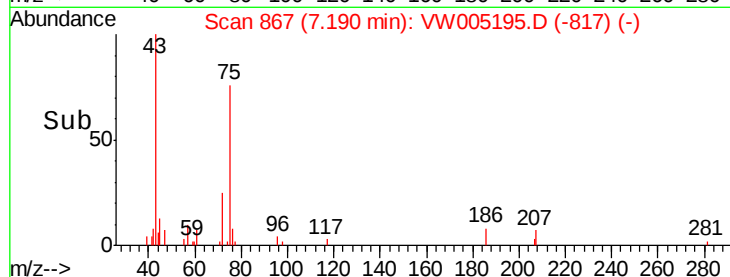
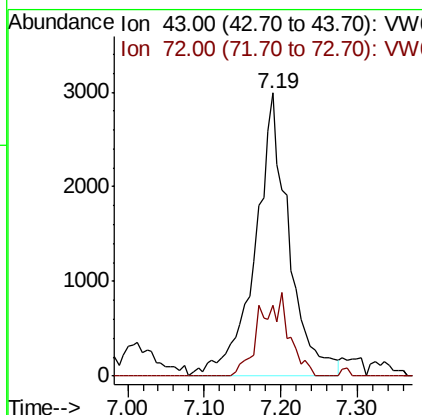
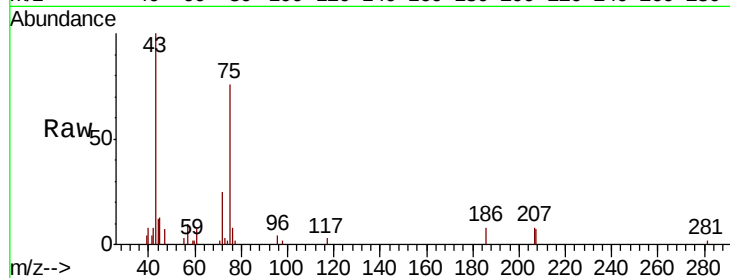




#25
2-Butanone
Concen: 7.35 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

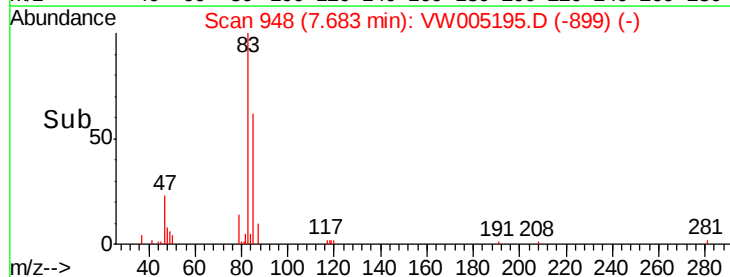
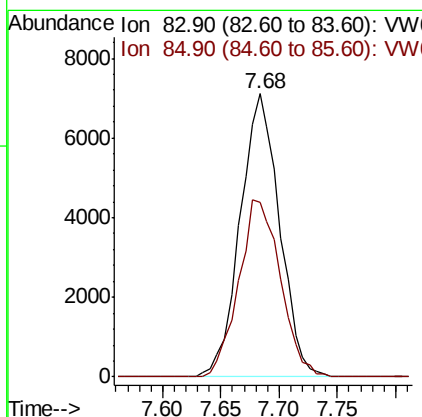
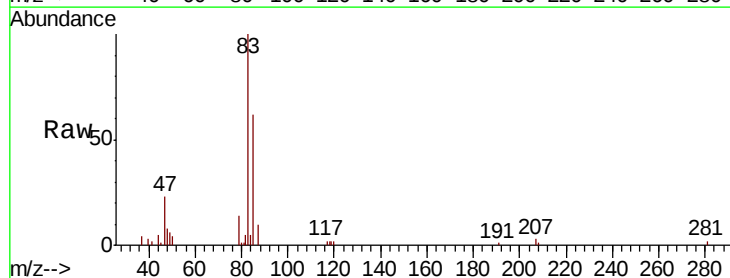
Instrument :
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ClientSampleId :
EP1-MW-G(10-15)

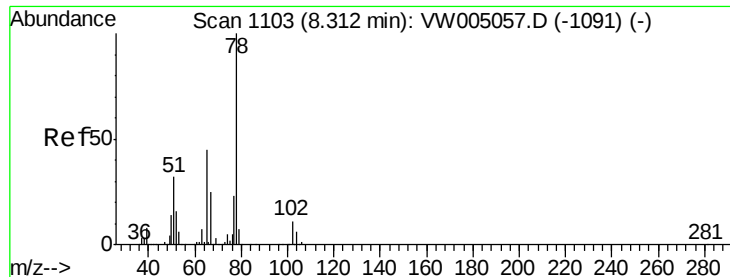
Tot Ion: 43 Resp: 9208
Ion Ratio Lower Upper
43 100
72 24.9 23.1 34.7



#30
Chloroform
Concen: 2.26 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

Tgt Ion: 83 Resp: 16656
Ion Ratio Lower Upper
83 100
85 61.8 53.1 79.7





#33

1,2-Dichloroethane-d4

Concen: 64.24 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005195.D

Acq: 07 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

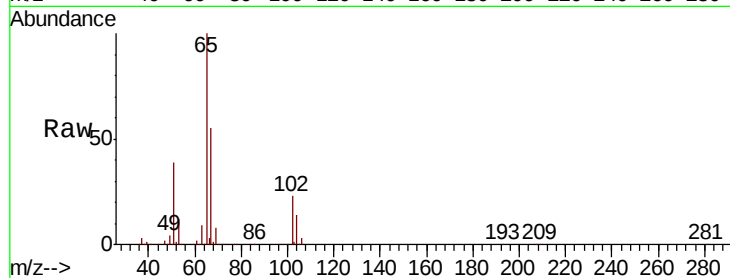
EP1-MW-G(10-15)

Tot Ion: 65 Resp: 231454

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

120000

100000

80000

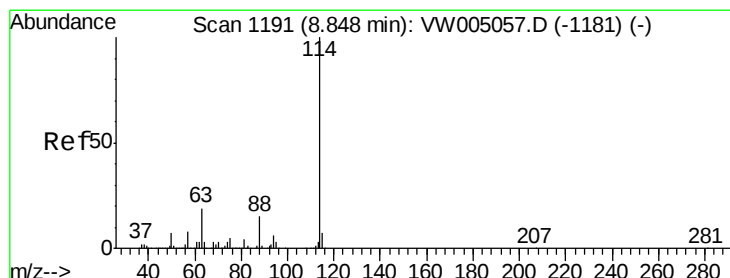
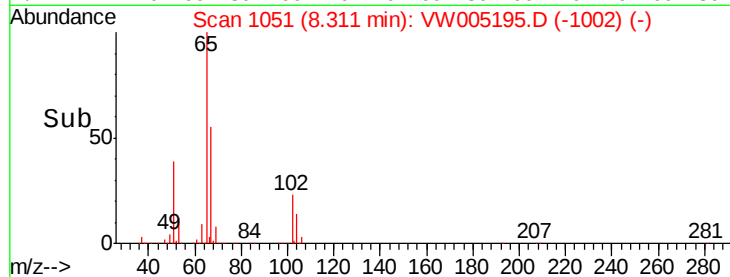
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005195.D

Acq: 07 Sep 2018 06:47

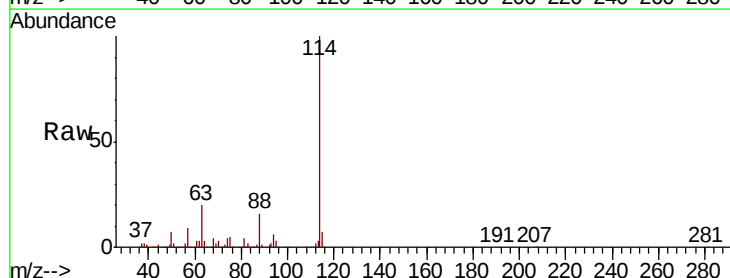
Tgt Ion: 114 Resp: 690373

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

88 15.8 0.0 30.2



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

8.85

400000

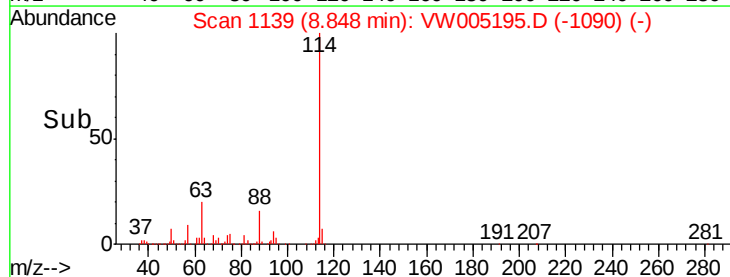
300000

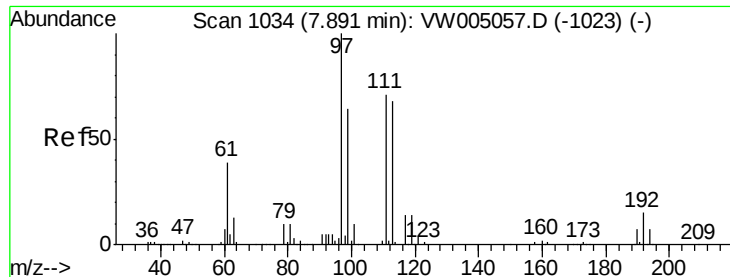
200000

100000

0

Time-->

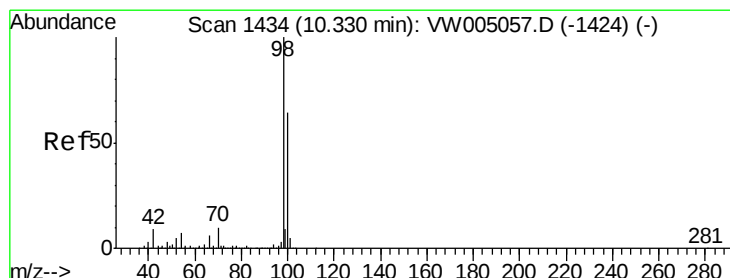
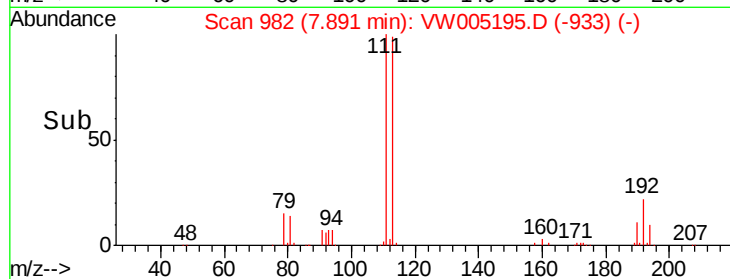
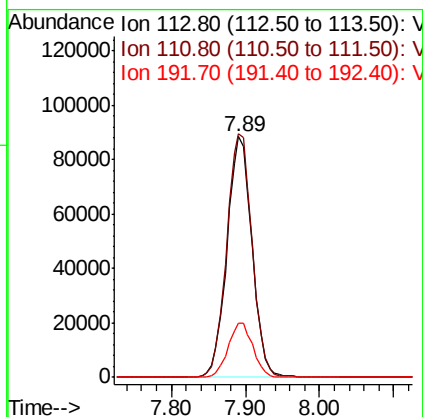
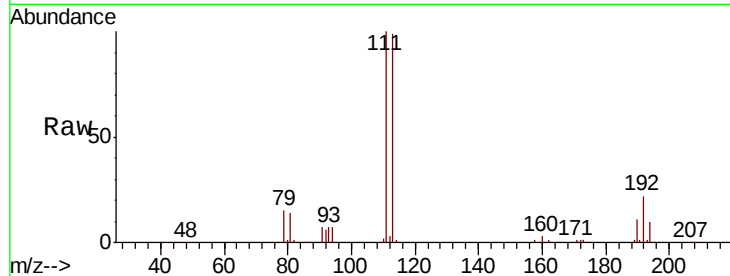




#35
 Dibromofluoromethane
 Concen: 52.01 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005195.D
 Acq: 07 Sep 2018 06:47

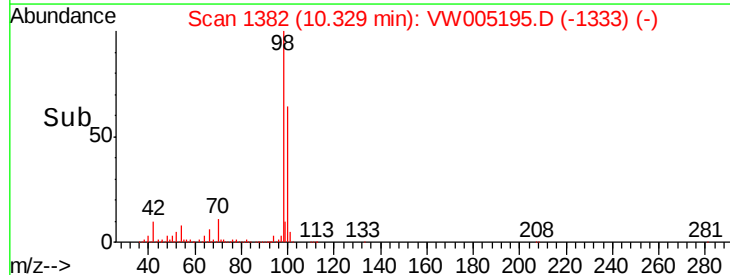
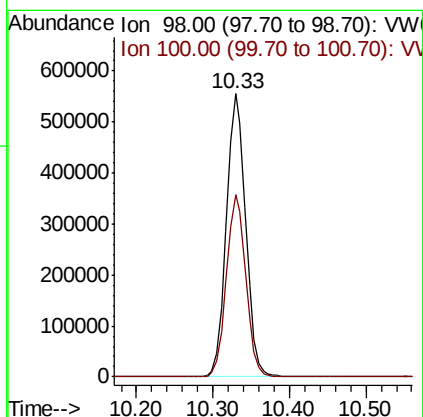
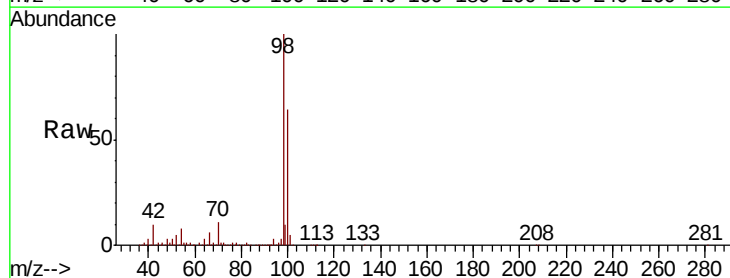
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(10-15)

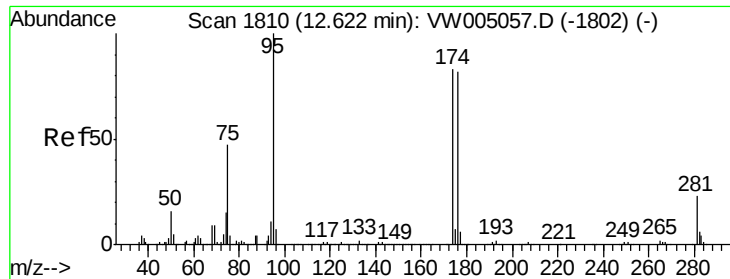
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	22.5	18.1	27.1



#50
 Toluene-d8
 Concen: 52.71 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005195.D
 Acq: 07 Sep 2018 06:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

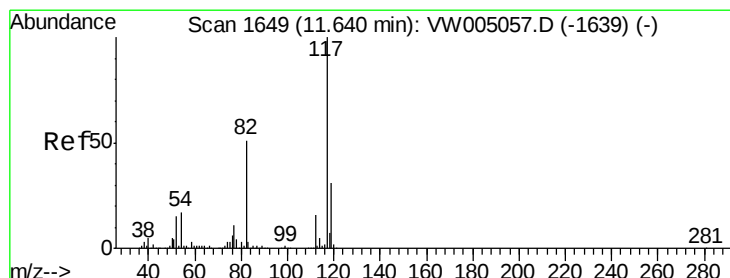
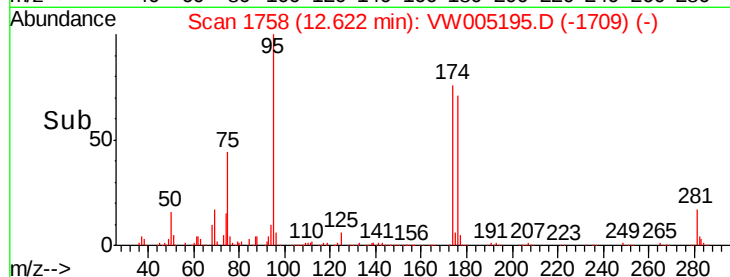
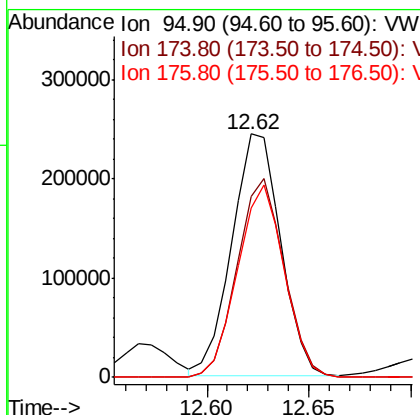
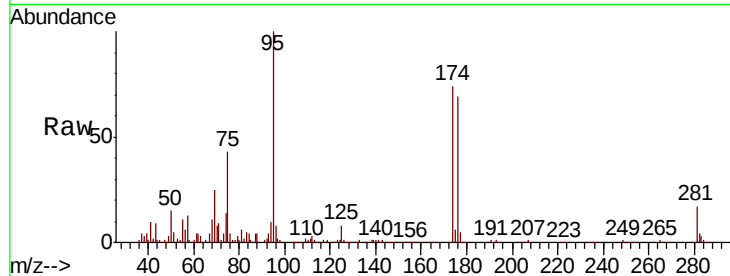




#62
4-Bromofluorobenzene
Concen: 62.48 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

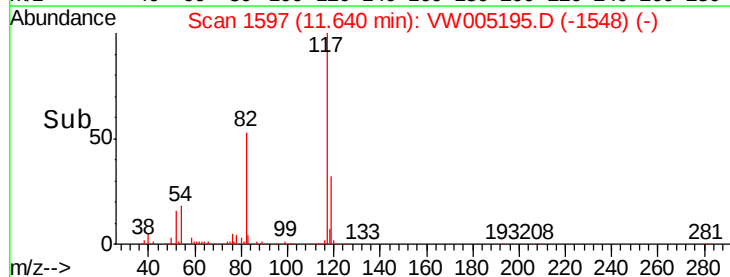
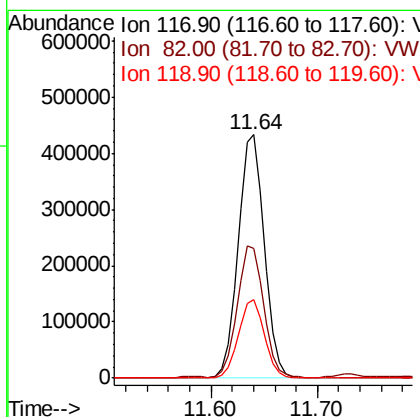
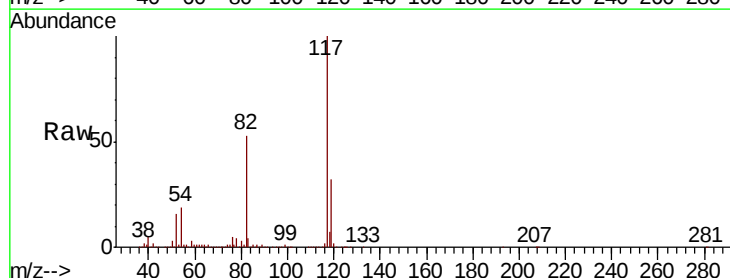
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-G(10-15)

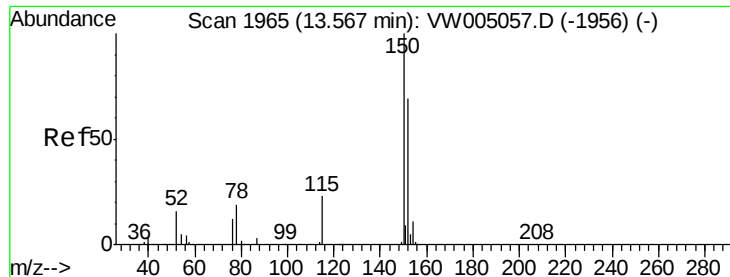
Tot Ion: 95 Resp: 405004
Ion Ratio Lower Upper
95 100
174 79.4 0.0 173.4
176 76.2 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

Tgt Ion: 117 Resp: 746298
Ion Ratio Lower Upper
117 100
82 53.0 40.9 61.3
119 32.1 24.9 37.3



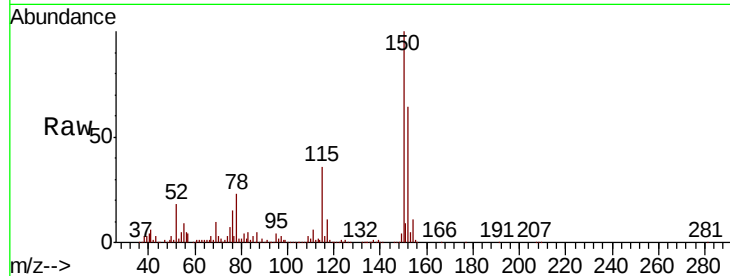


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	153.9	0.0	351.4

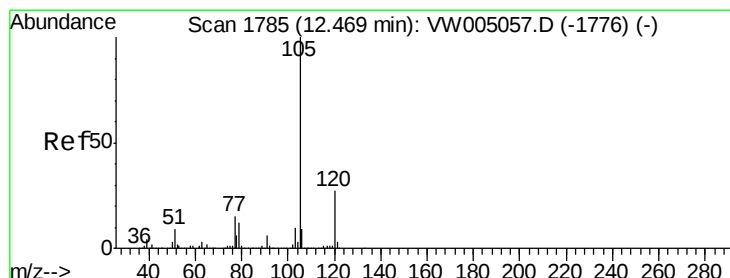
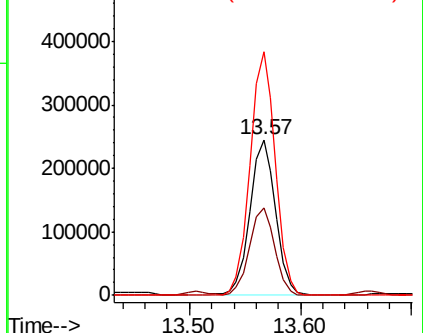
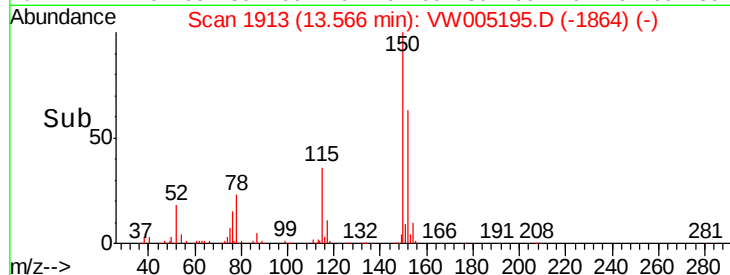


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

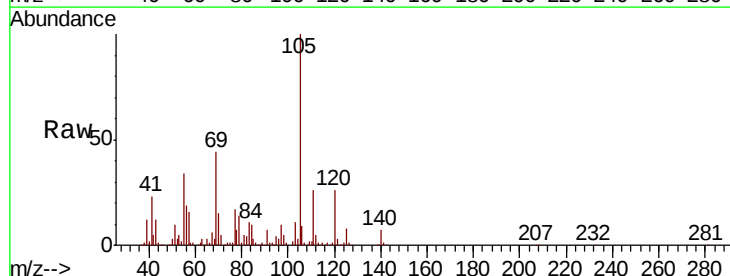
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 6.44 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005195.D
Acq: 07 Sep 2018 06:47

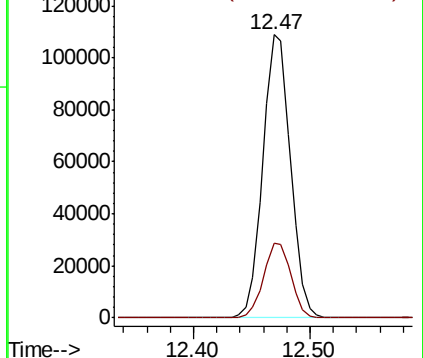
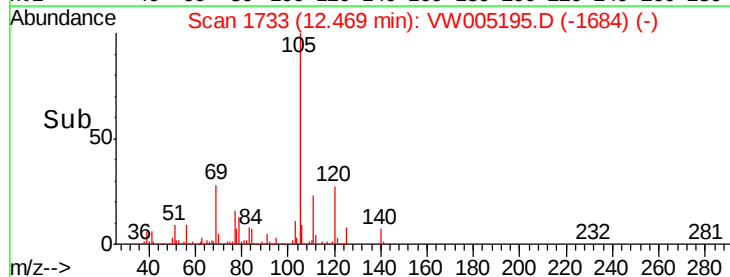
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.4	40.1

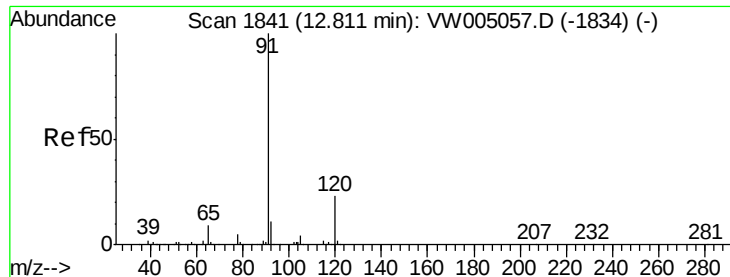


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 8.17 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005195.D

Acq: 07 Sep 2018 06:47

Instrument :

MSVOA_W

ClientSampleId :

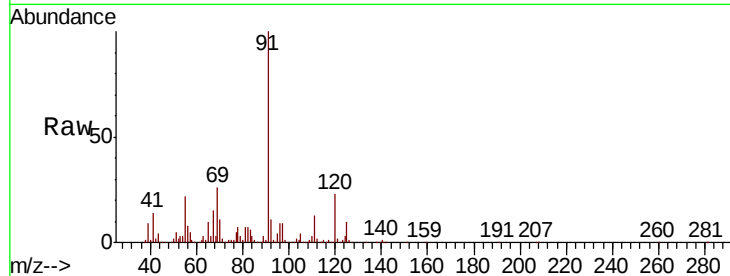
EP1-MW-G(10-15)

Tot Ion: 91 Resp: 272799

Ion Ratio Lower Upper

91 100

120 22.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

200000

150000

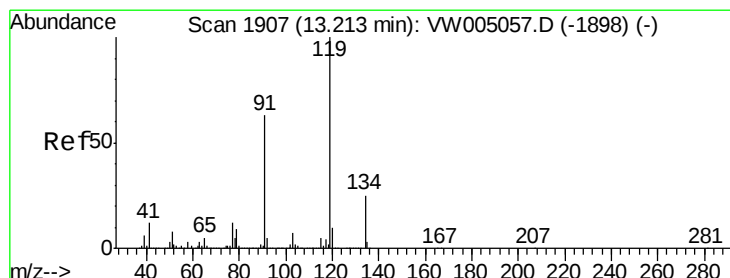
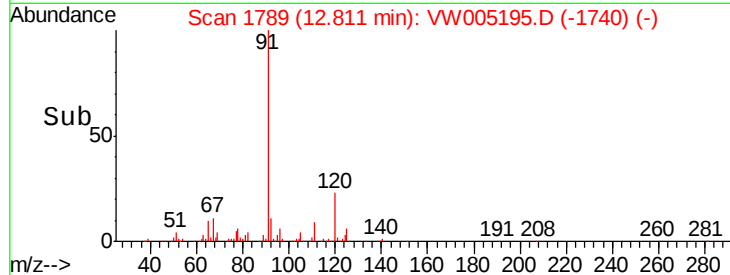
100000

50000

0

12.70 12.80

Time-->



#83

tert-Butylbenzene

Concen: 3.13 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005195.D

Acq: 07 Sep 2018 06:47

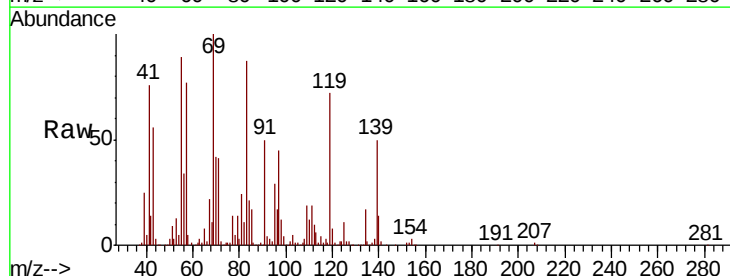
Tgt Ion: 119 Resp: 62559

Ion Ratio Lower Upper

119 100

91 70.8 31.8 95.4

134 24.0 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

50000

40000

30000

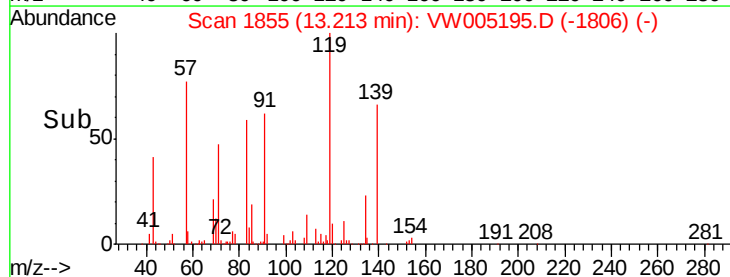
20000

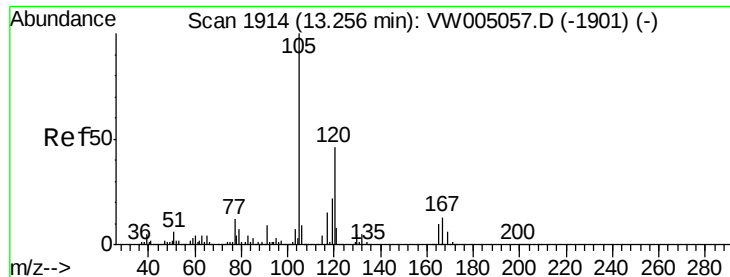
10000

0

13.10 13.15 13.20 13.25

Time-->

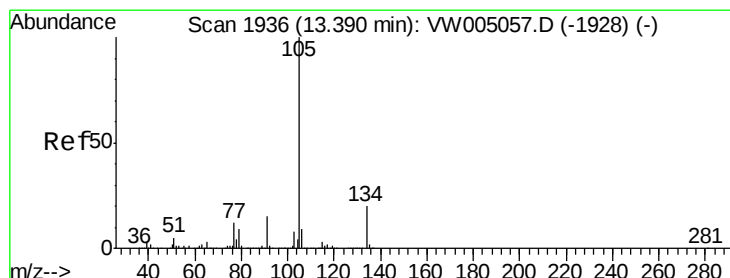
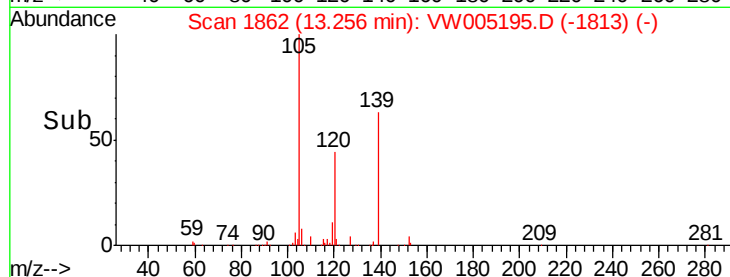
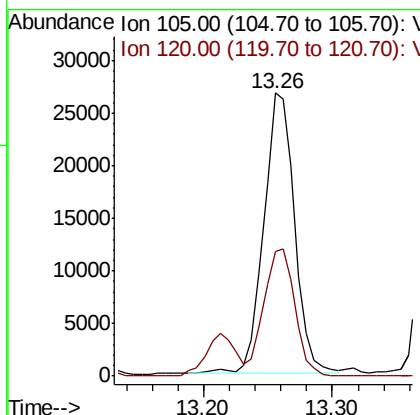
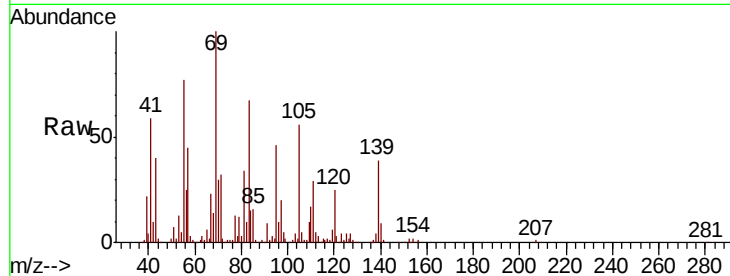




#84
 1,2,4-Trimethylbenzene
 Concen: 1.82 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005195.D
 Acq: 07 Sep 2018 06:47

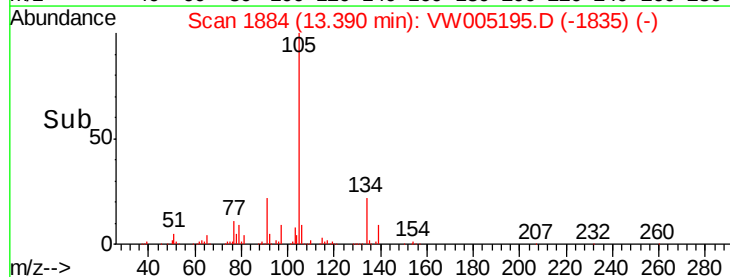
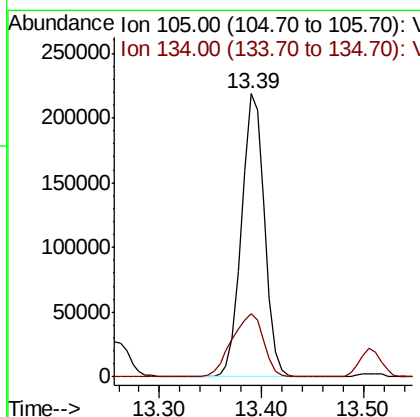
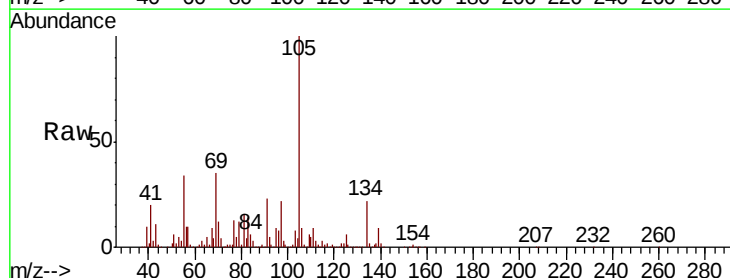
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-G(10-15)

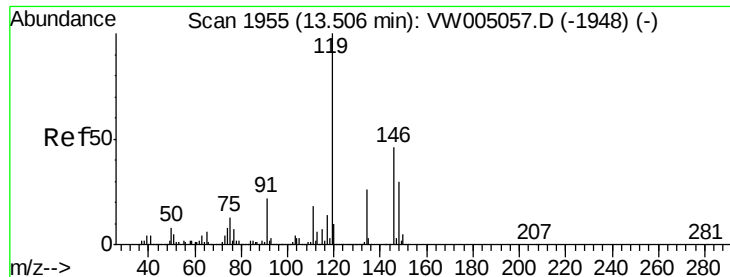
Tot Ion:105 Resp: 44311
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 11.50 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005195.D
 Acq: 07 Sep 2018 06:47

Tgt Ion:105 Resp: 337562
 Ion Ratio Lower Upper
 105 100
 134 31.1 10.1 30.3#

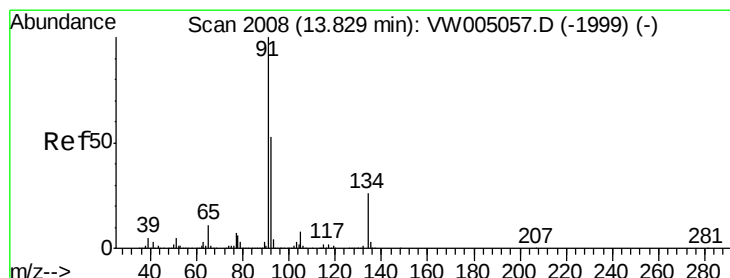
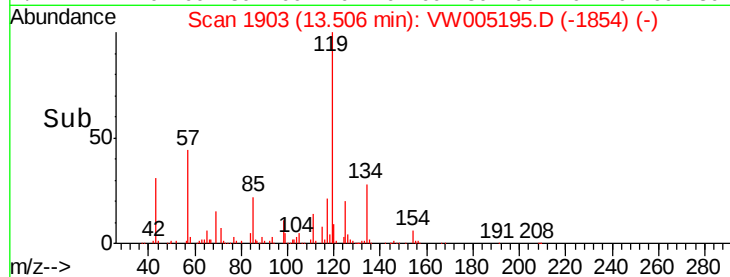
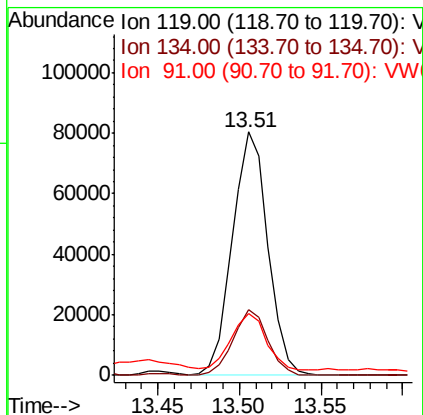
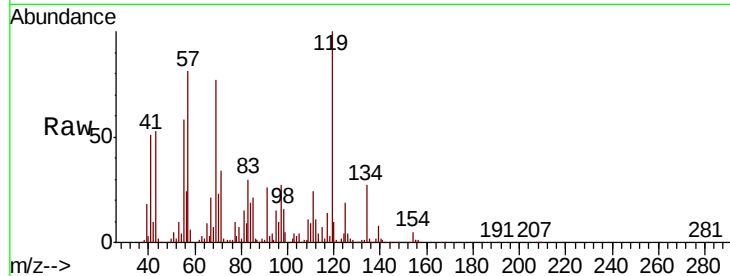




#86
 p-Isopropyltoluene
 Concen: 4.65 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005195.D
 Acq: 07 Sep 2018 06:47

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

Tot Ion:119 Resp: 120774
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.1 10.9 32.9



#89
 n-Butylbenzene
 Concen: 6.62 ug/l
 RT: 13.83 min Scan# 1957
 Delta R.T. 0.01 min
 Lab File: VW005195.D
 Acq: 07 Sep 2018 06:47

Tgt Ion: 91 Resp: 159430
 Ion Ratio Lower Upper
 91 100
 92 45.7 26.5 79.5
 134 0.0 13.5 40.4#

