

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007094.D
 Acq On : 27 Nov 2018 18:02
 Operator : VAY/AP
 Sample : J6074-01
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 001-WC-NY5

Quant Time: Nov 28 01:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	180978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56696	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	62546	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
35) Dibromofluoromethane	7.89	113	52320	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.33	98	220145	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.62	95	72354	40.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.48%	

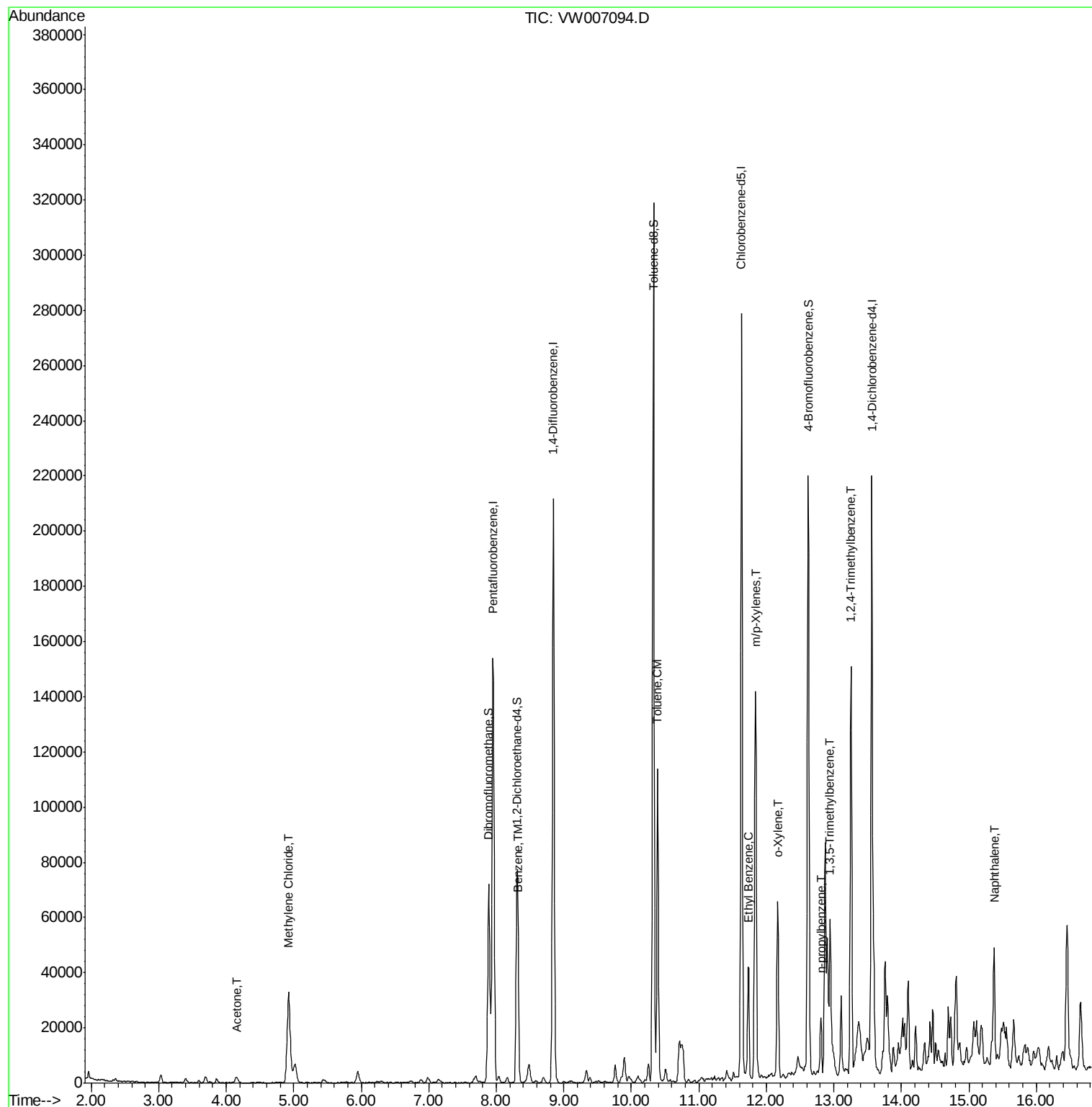
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	4365	26.72	ug/l	98
20) Methylene Chloride	4.93	84	25401	15.82	ug/l	98
40) Benzene	8.33	78	5099	1.07	ug/l #	87
52) Toluene	10.39	92	48157	14.82	ug/l	99
67) Ethyl Benzene	11.73	91	28824	4.80	ug/l	99
68) m/p-Xylenes	11.84	106	44232	18.76	ug/l	100
69) o-Xylene	12.17	106	17150	7.72	ug/l	98
78) n-propylbenzene	12.81	91	16855	3.16	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	21117	5.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	81508	21.47	ug/l	98
95) Naphthalene	15.38	128	35873	17.70	ug/l	96

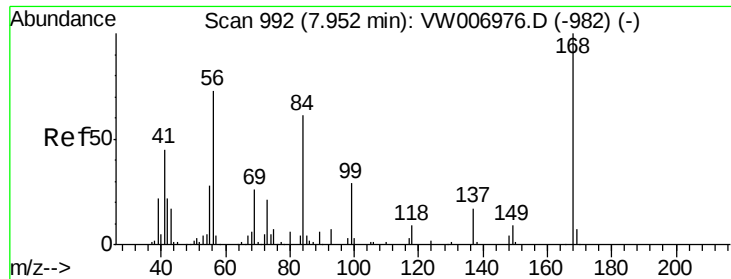
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007094.D
Acq On : 27 Nov 2018 18:02
Operator : VAY/AP
Sample : J6074-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
001-WC-NY5

Quant Time: Nov 28 01:31:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007094.D

Acq: 27 Nov 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

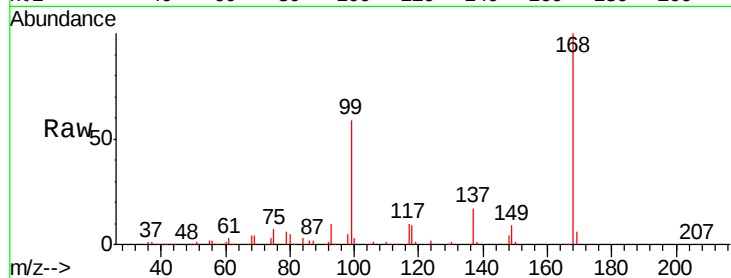
001-WC-NY5

Tgt Ion:168 Resp: 114922

Ion Ratio Lower Upper

168 100

99 59.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

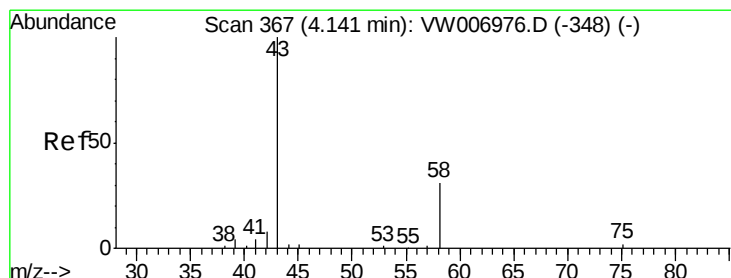
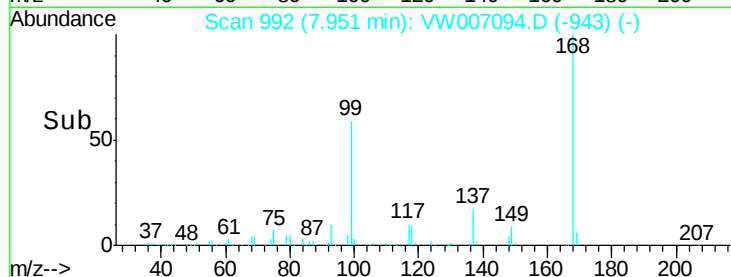
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 26.72 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW007094.D

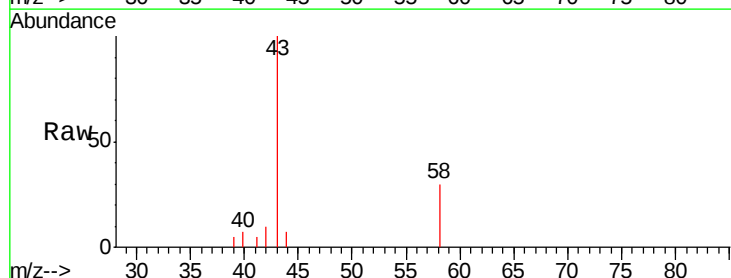
Acq: 27 Nov 2018 18:02

Tgt Ion: 43 Resp: 4365

Ion Ratio Lower Upper

43 100

58 30.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

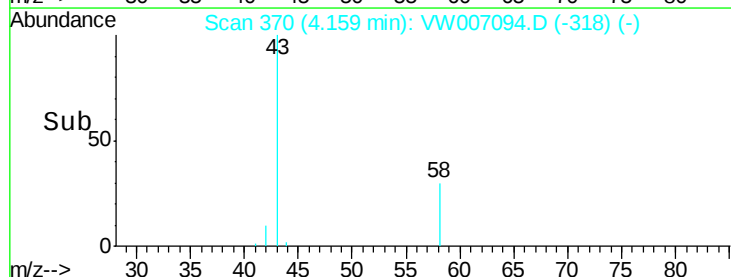
1500

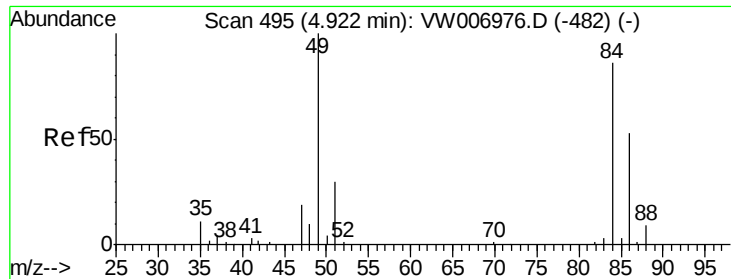
1000

500

0

Time-->

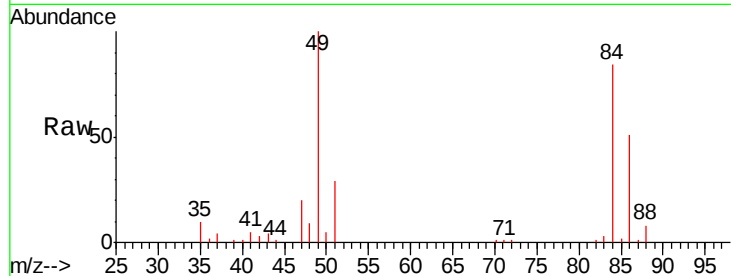




#20
Methylene Chloride
Concen: 15.82 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

Instrument :
MSVOA_W
ClientSampleId :
001-WC-NY5

Tgt Ion:	84	Resp:	25401
Ion	Ratio	Lower	Upper
84	100		
49	119.1	93.4	140.0
51	34.3	28.4	42.6
86	60.6	49.8	74.8



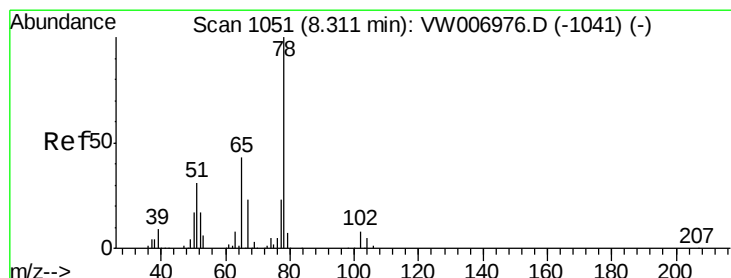
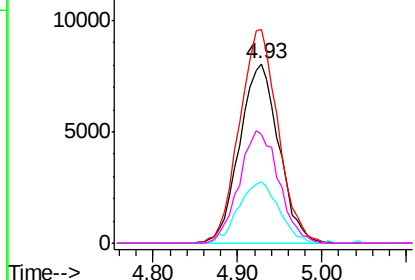
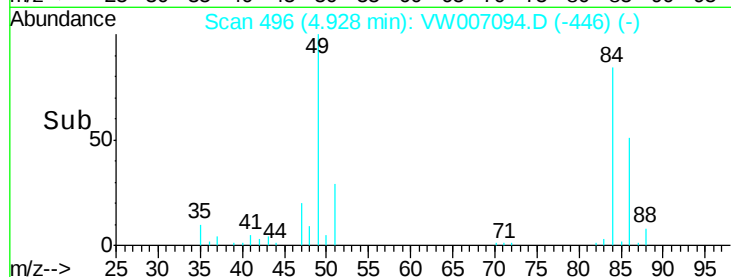
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

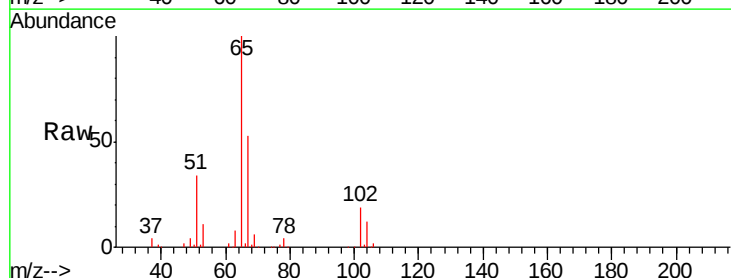
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 55.59 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

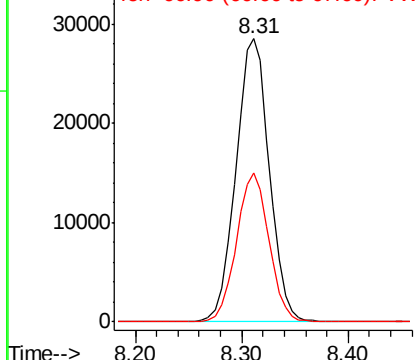
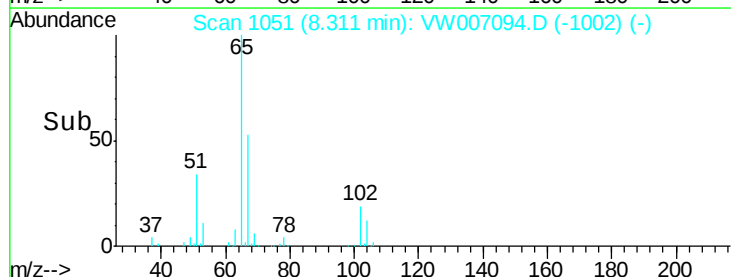
Tgt Ion:	65	Resp:	62546
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.2

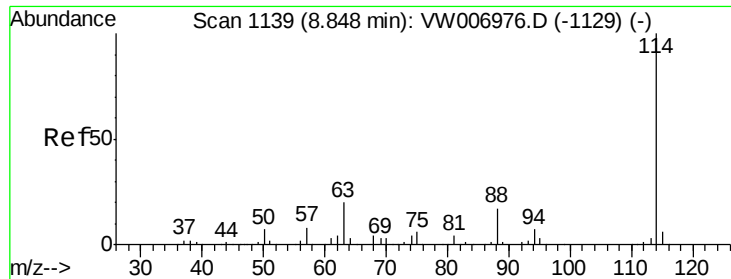


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

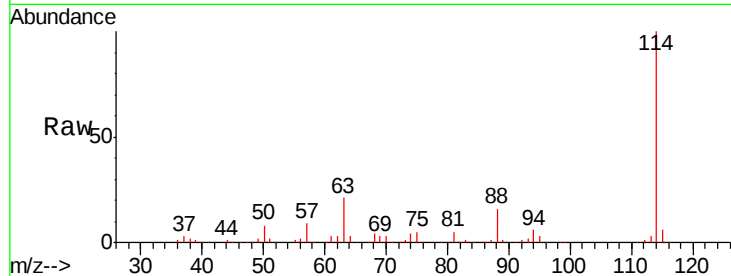




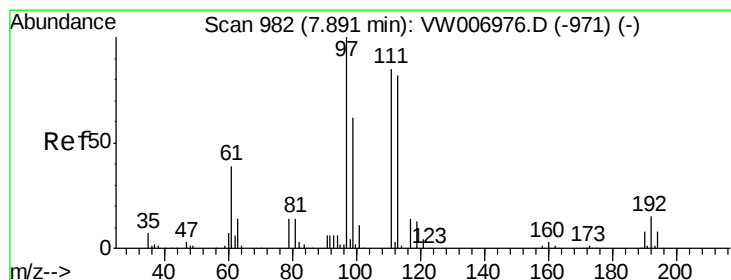
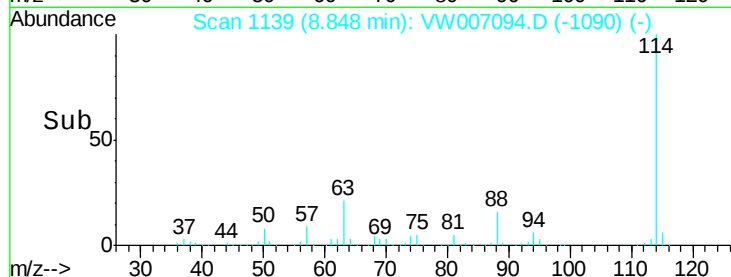
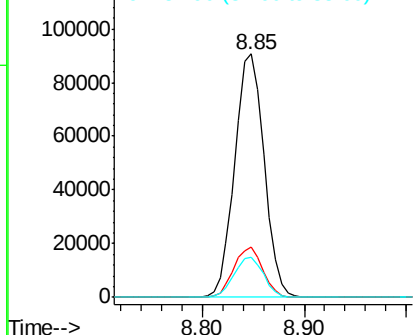
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007094.D
 Acq: 27 Nov 2018 18:02

Instrument :
 MSVOA_W
 ClientSampleId :
 001-WC-NY5

Tgt Ion:114 Resp: 180978
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 16.3 0.0 34.2

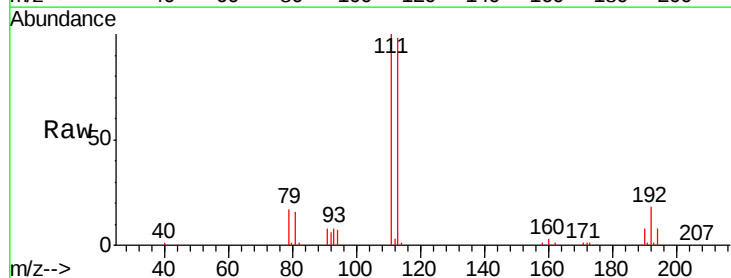


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

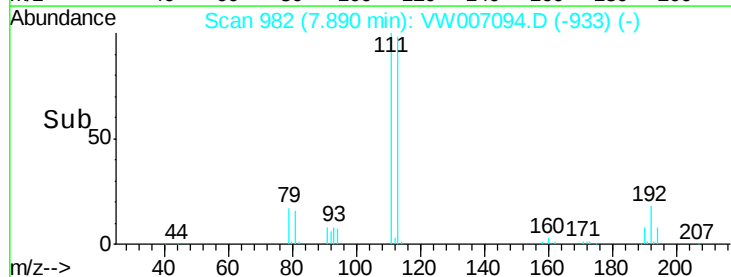
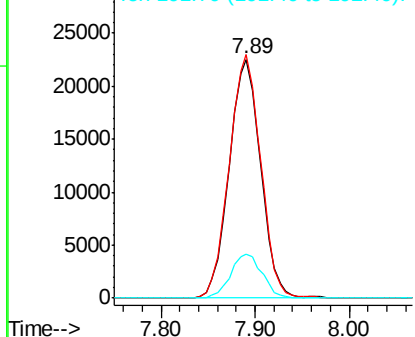


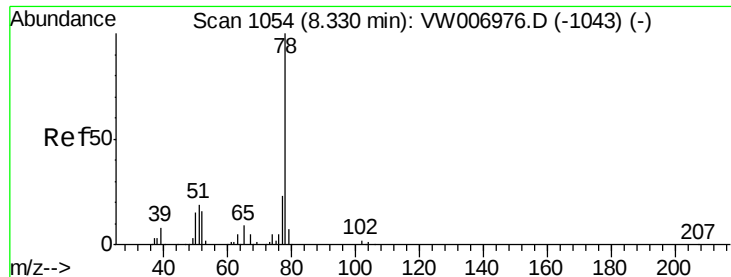
#35
 Dibromofluoromethane
 Concen: 51.19 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007094.D
 Acq: 27 Nov 2018 18:02

Tgt Ion:113 Resp: 52320
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 18.5 15.0 22.6



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





#40

Benzene

Concen: 1.07 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW007094.D

Acq: 27 Nov 2018 18:02

Instrument :

MSVOA_W

ClientSampled :

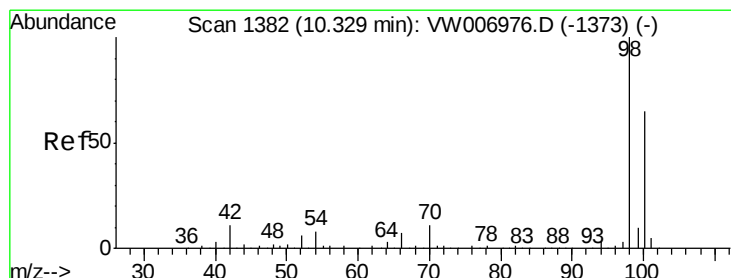
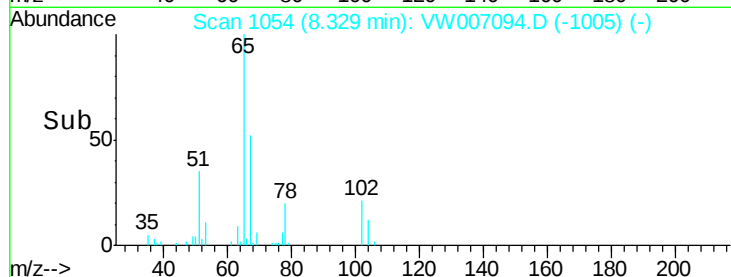
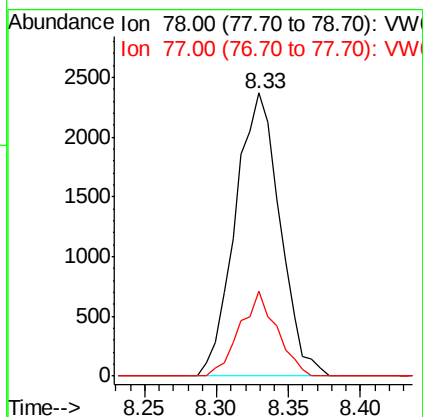
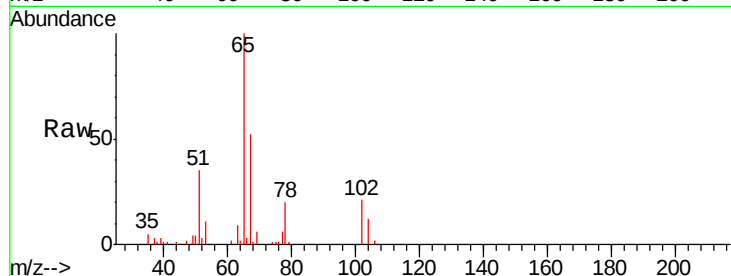
001-WC-NY5

Tgt Ion: 78 Resp: 5099

Ion Ratio Lower Upper

78 100

77 29.9 18.6 28.0#



#50

Toluene-d8

Concen: 48.78 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007094.D

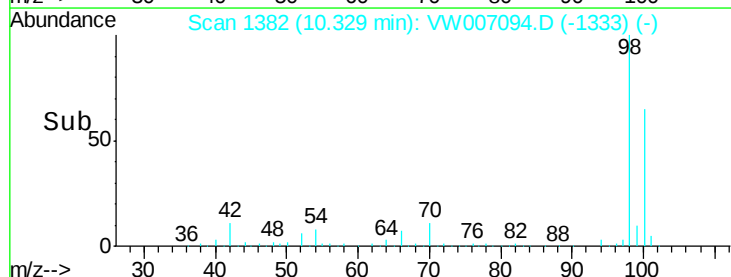
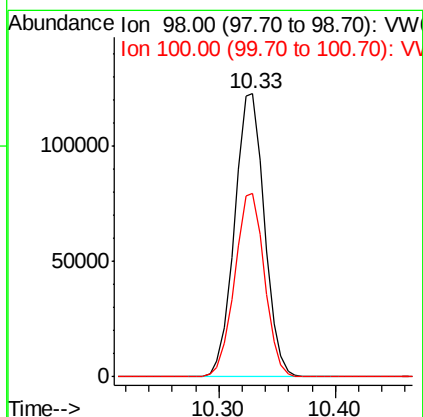
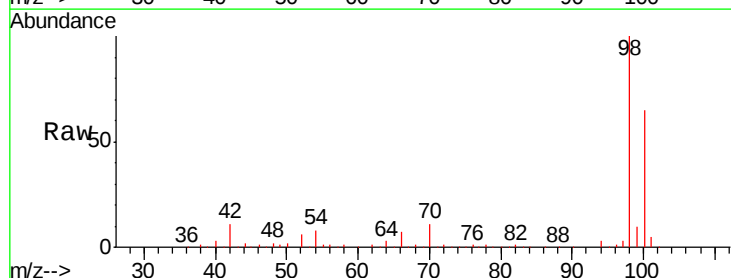
Acq: 27 Nov 2018 18:02

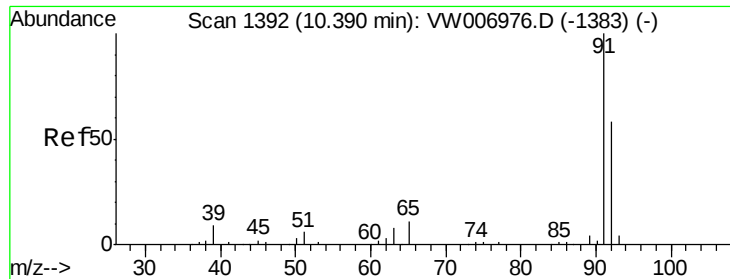
Tgt Ion: 98 Resp: 220145

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#52

Toluene

Concen: 14.82 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007094.D

Acq: 27 Nov 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

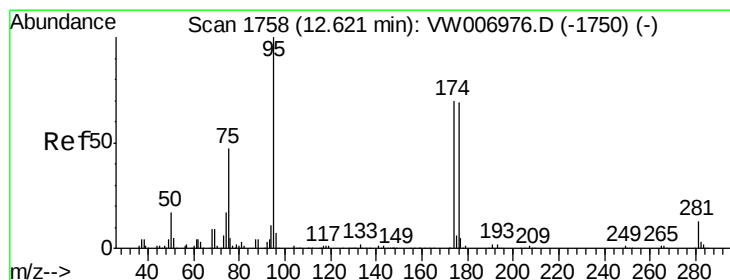
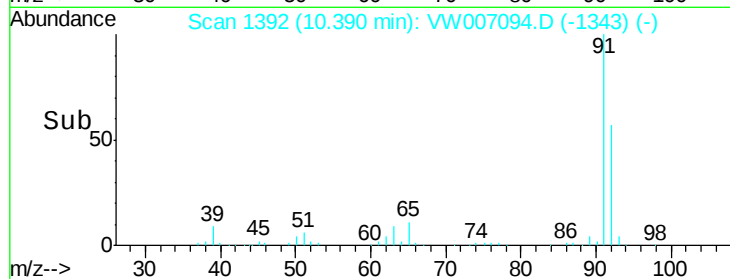
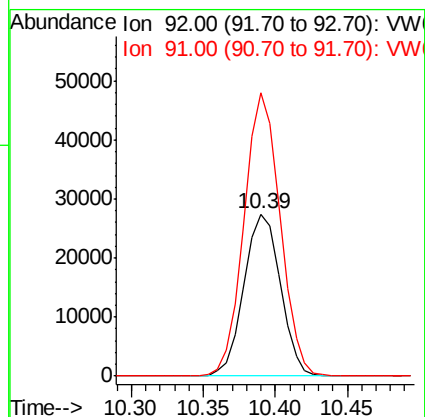
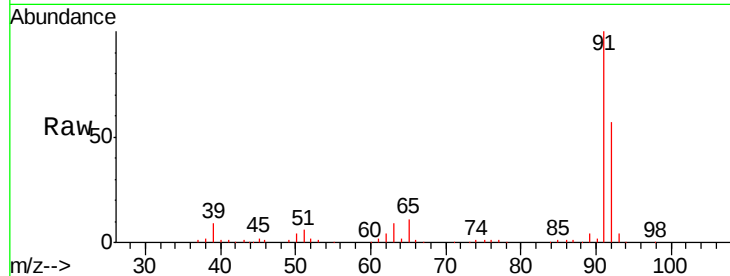
001-WC-NY5

Tgt Ion: 92 Resp: 48157

Ion Ratio Lower Upper

92 100

91 172.9 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 40.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007094.D

Acq: 27 Nov 2018 18:02

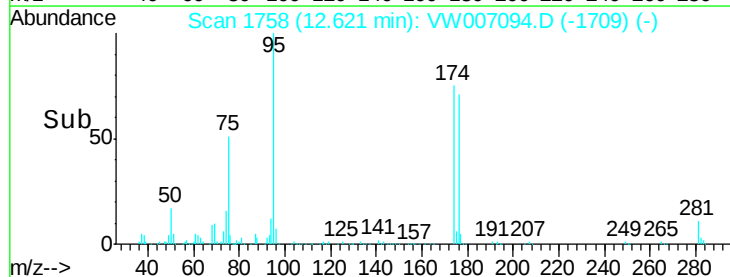
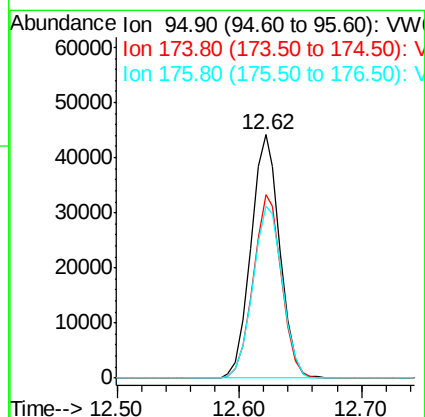
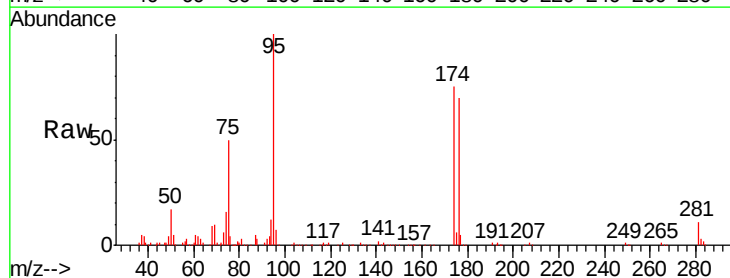
Tgt Ion: 95 Resp: 72354

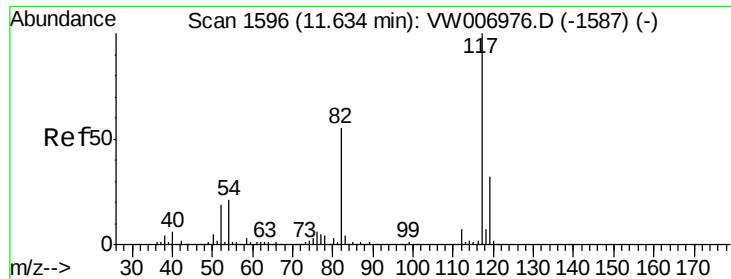
Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.6

176 72.3 0.0 140.4

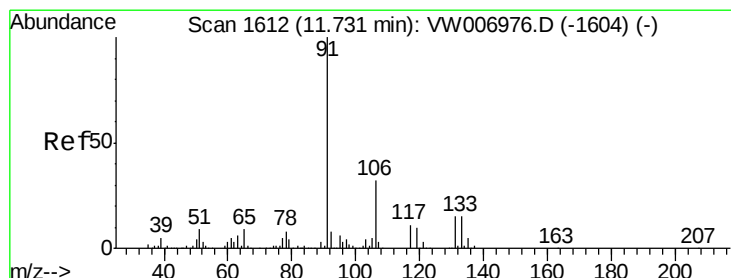
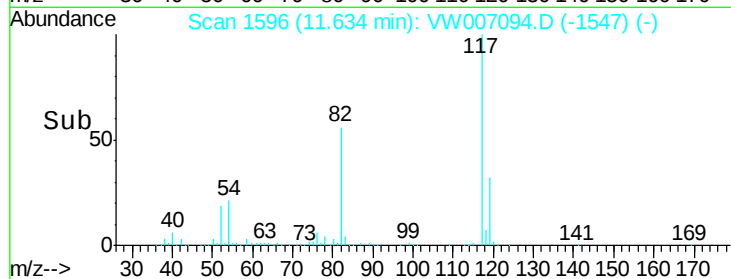
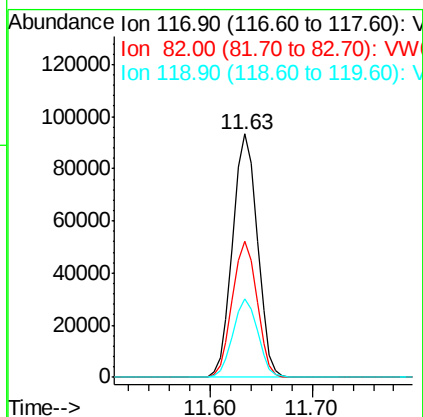
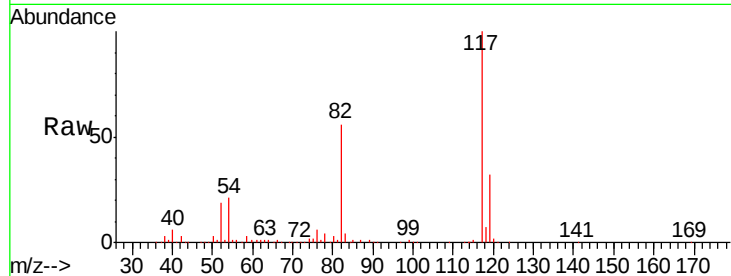




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

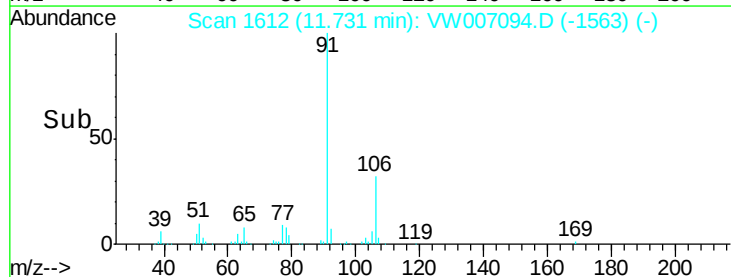
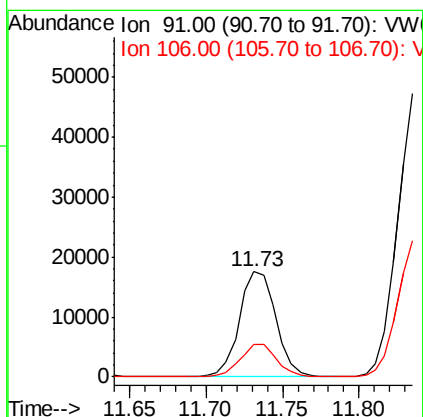
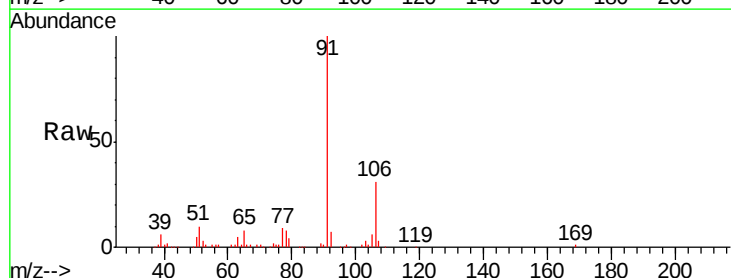
Instrument :
MSVOA_W
ClientSampleId :
001-WC-NY5

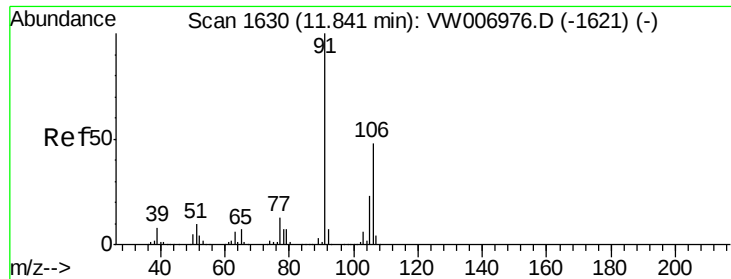
Tgt Ion: 117 Resp: 156712
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.4 25.9 38.9



#67
Ethyl Benzene
Concen: 4.80 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

Tgt Ion: 91 Resp: 28824
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

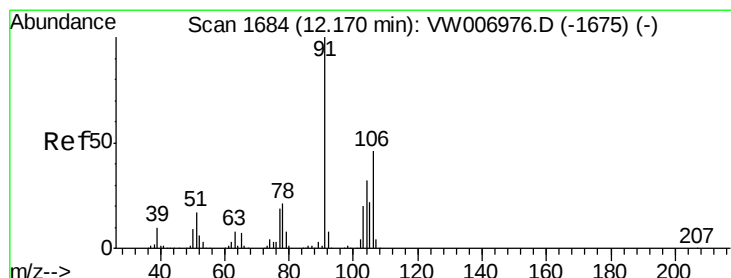
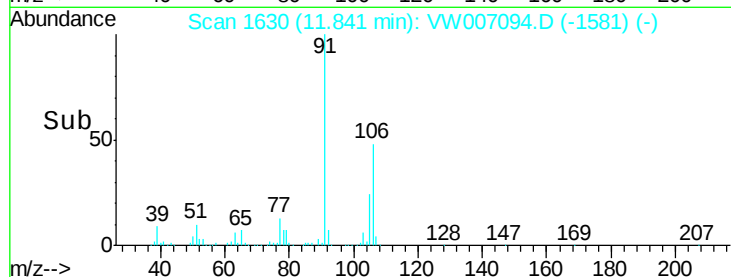
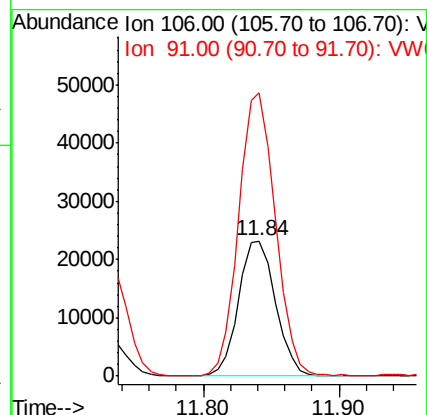
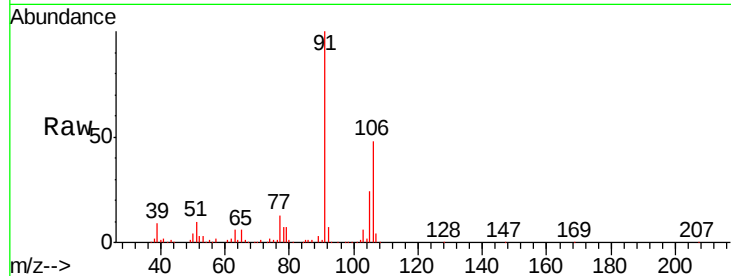




#68
m/p-Xylenes
Concen: 18.76 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

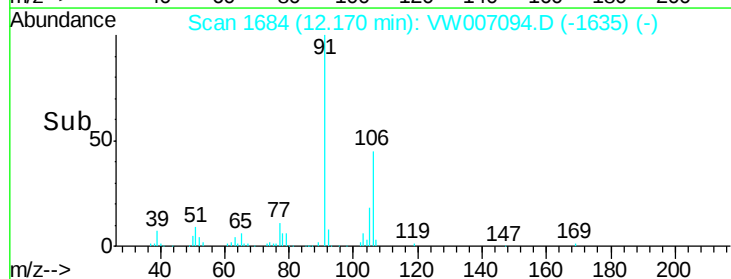
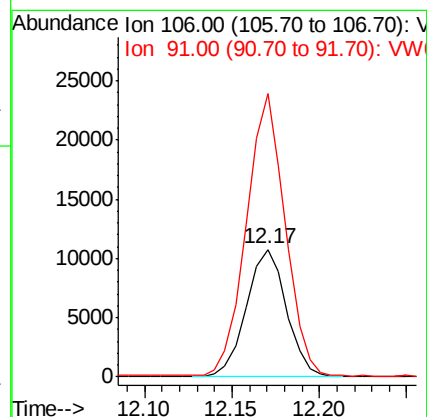
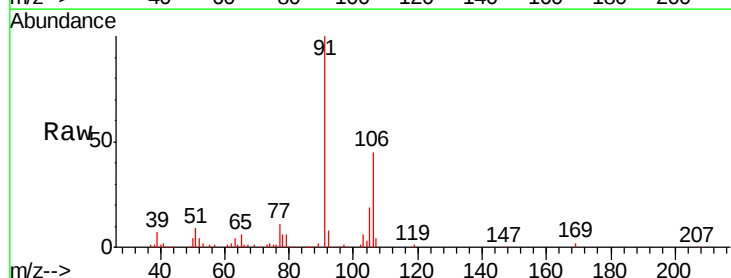
Instrument :
MSVOA_W
ClientSampleId :
001-WC-NY5

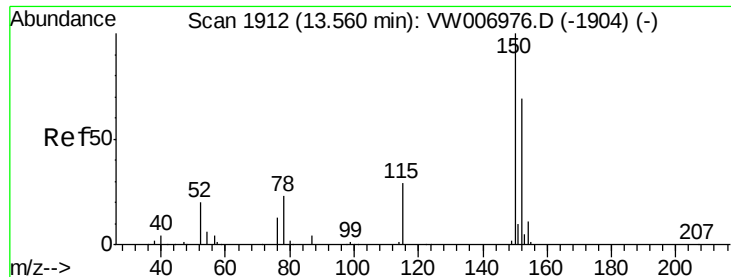
Tgt Ion:106 Resp: 44232
Ion Ratio Lower Upper
106 100
91 206.0 164.8 247.2



#69
o-Xylene
Concen: 7.72 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

Tgt Ion:106 Resp: 17150
Ion Ratio Lower Upper
106 100
91 213.1 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007094.D

Acq: 27 Nov 2018 18:02

Instrument :

MSVOA_W

ClientSampleId :

001-WC-NY5

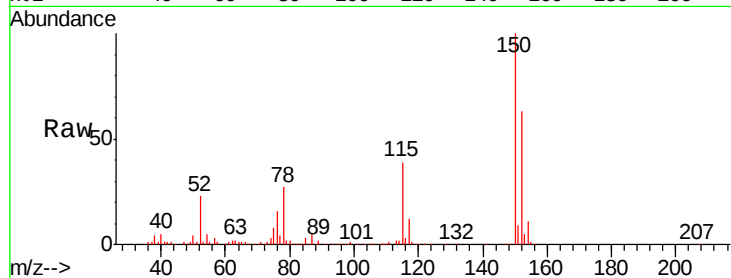
Tgt Ion:152 Resp: 56696

Ion Ratio Lower Upper

152 100

115 64.3 31.4 94.2

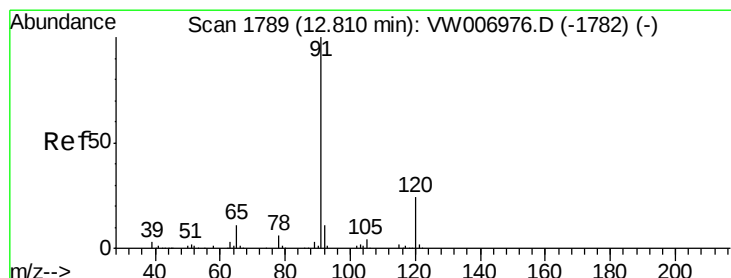
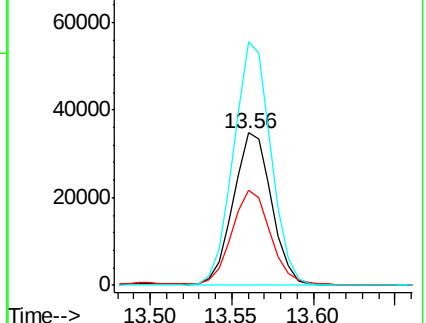
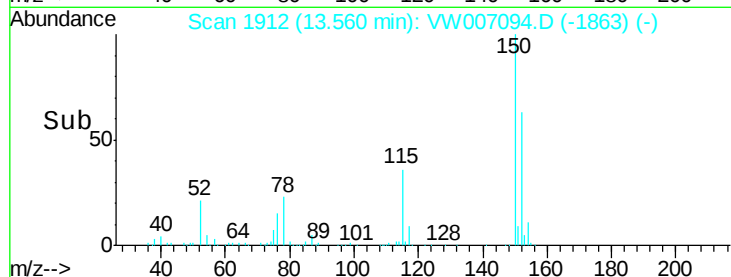
150 156.1 0.0 353.4



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



#78

n-propylbenzene

Concen: 3.16 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007094.D

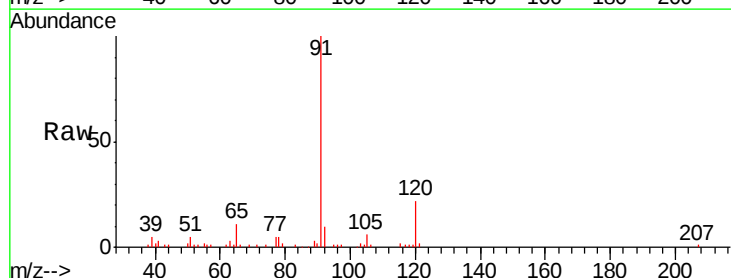
Acq: 27 Nov 2018 18:02

Tgt Ion: 91 Resp: 16855

Ion Ratio Lower Upper

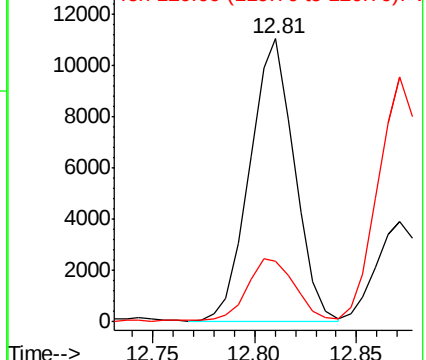
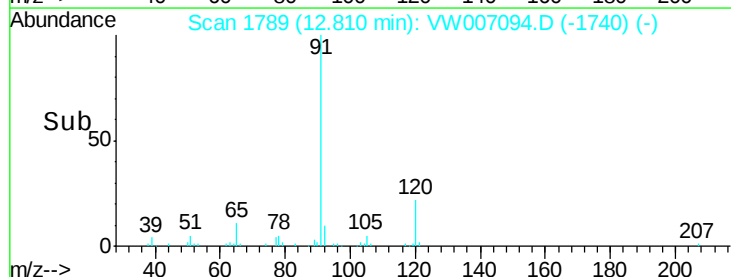
91 100

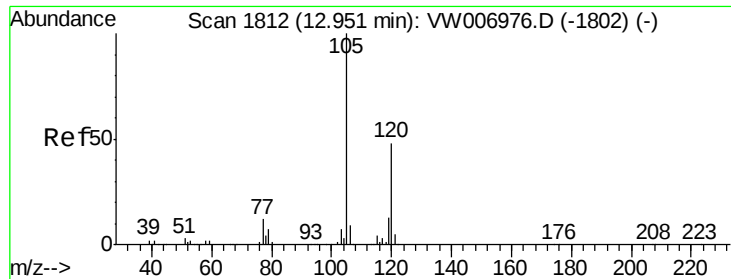
120 25.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

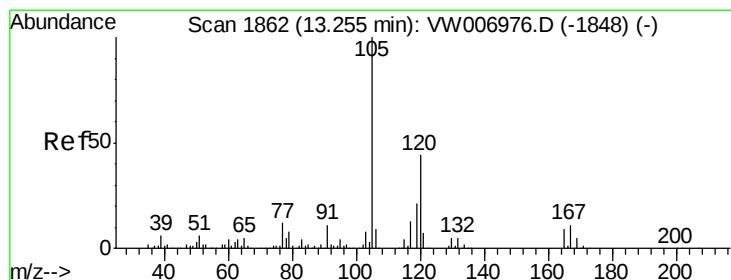
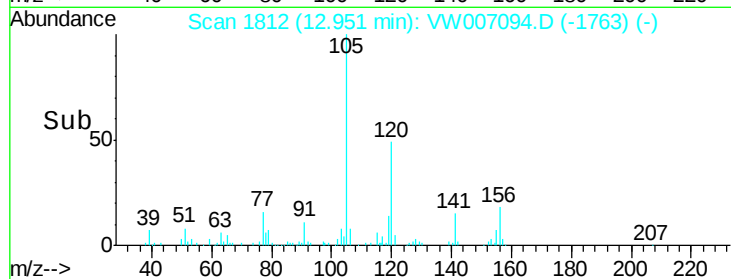
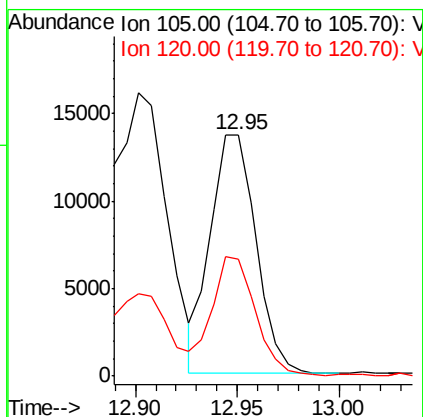
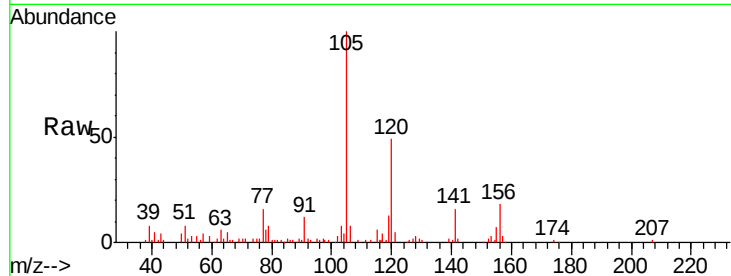




#80
 1,3,5-Trimethylbenzene
 Concen: 5.54 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW007094.D
 Acq: 27 Nov 2018 18:02

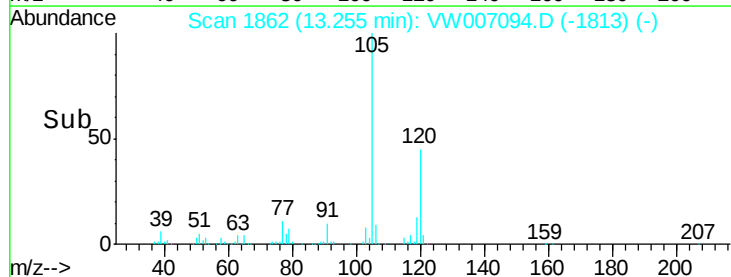
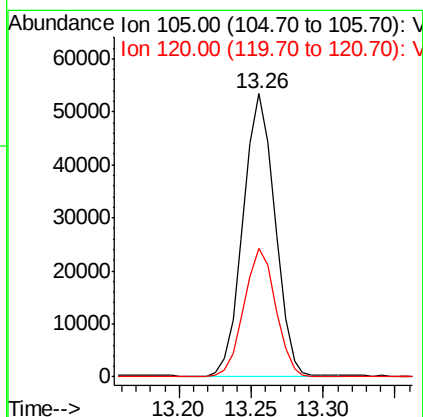
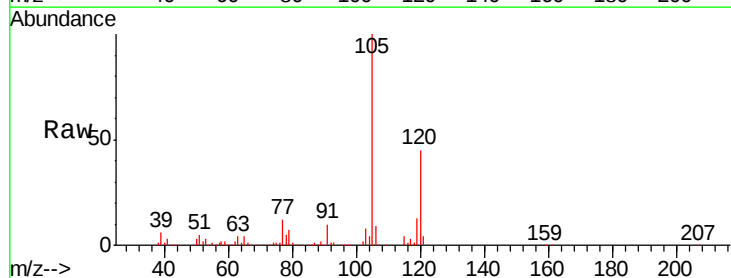
Instrument :
 MSVOA_W
 ClientSampleId :
 001-WC-NY5

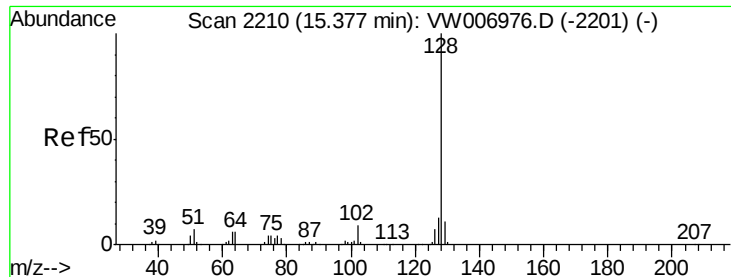
Tgt Ion:105 Resp: 21117
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 21.47 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007094.D
 Acq: 27 Nov 2018 18:02

Tgt Ion:105 Resp: 81508
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.8 65.3

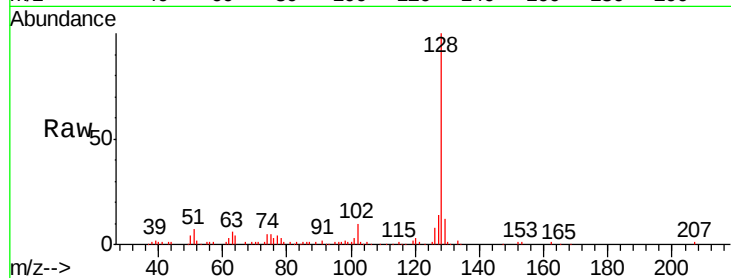




#95
Naphthalene
Concen: 17.70 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007094.D
Acq: 27 Nov 2018 18:02

Instrument :
MSVOA_W
ClientSampleId :
001-WC-NY5

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	12.6	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

