

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003913.D
 Acq On : 12 Jul 2018 22:16
 Operator : SY/AP
 Sample : J3948-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Quant Time: Jul 13 07:23:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	134441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	226534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	191525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	100462	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	113298	64.44	ug/l	0.00
Spiked Amount			Recovery	=	128.88%	
35) Dibromofluoromethane	7.88	113	88579	55.87	ug/l	0.00
Spiked Amount			Recovery	=	111.74%	
50) Toluene-d8	10.33	98	218131	35.97	ug/l	0.00
Spiked Amount			Recovery	=	71.94%	
62) 4-Bromofluorobenzene	12.62	95	108115	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

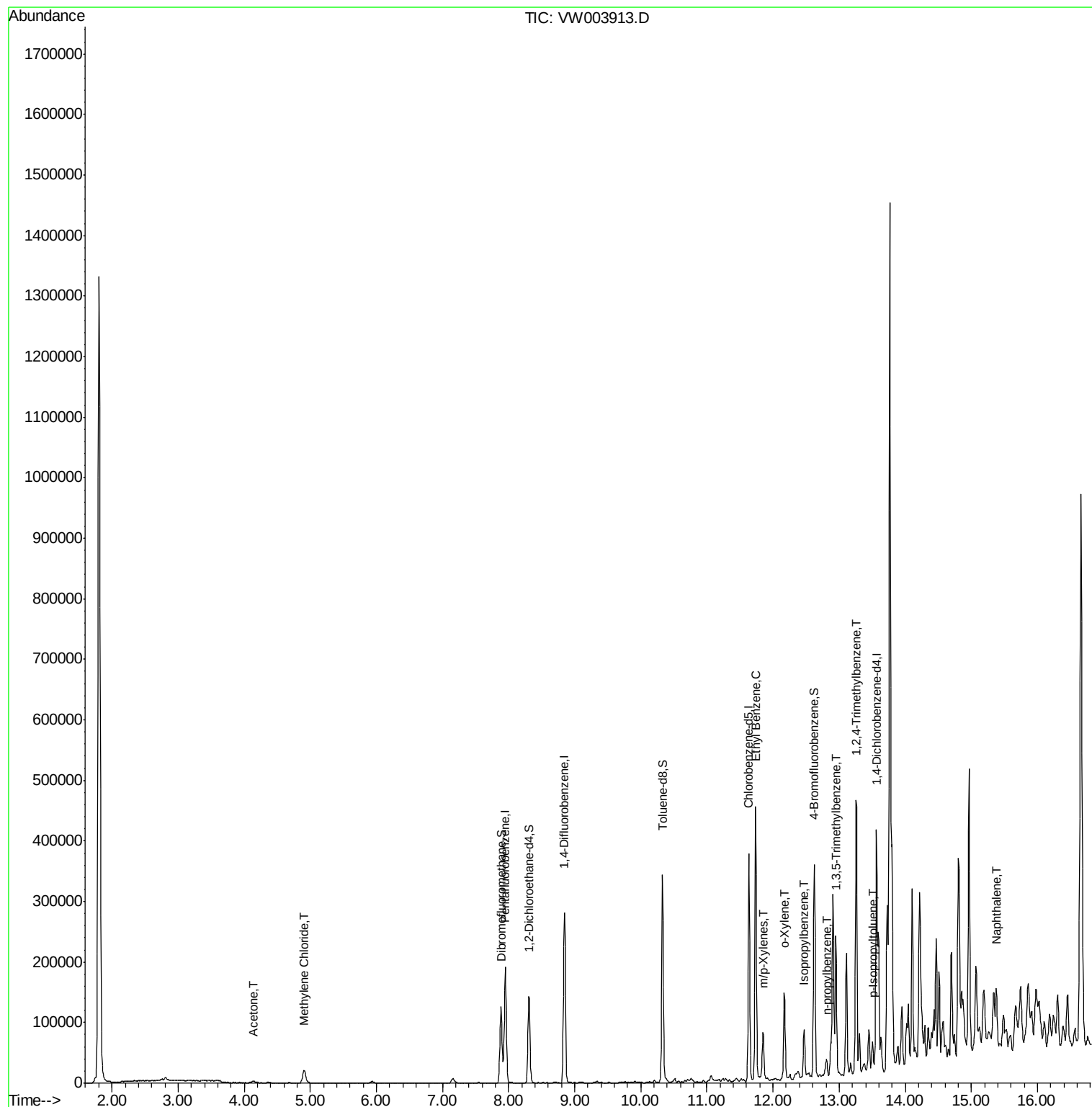
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5854	19.192	ug/l	97
20) Methylene Chloride	4.90	84	15979	6.977	ug/l	94
67) Ethyl Benzene	11.74	91	303575	42.049	ug/l	99
68) m/p-Xylenes	11.85	106	20015	7.240	ug/l	96
69) o-Xylene	12.17	106	35640	13.971	ug/l	98
73) Isopropylbenzene	12.47	105	48830	7.177	ug/l	100
78) n-propylbenzene	12.81	91	21160	2.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	113905	19.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	245380	40.281	ug/l	97
86) p-Isopropyltoluene	13.51	119	23027	3.643	ug/l	96
95) Naphthalene	15.38	128	73595	19.751	ug/l #	95

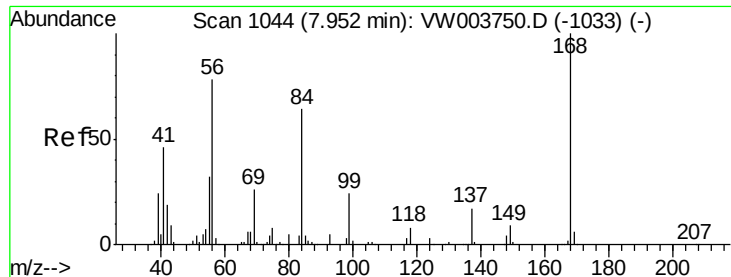
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071218\
Data File : VW003913.D
Acq On : 12 Jul 2018 22:16
Operator : SY/AP
Sample : J3948-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Quant Time: Jul 13 07:23:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

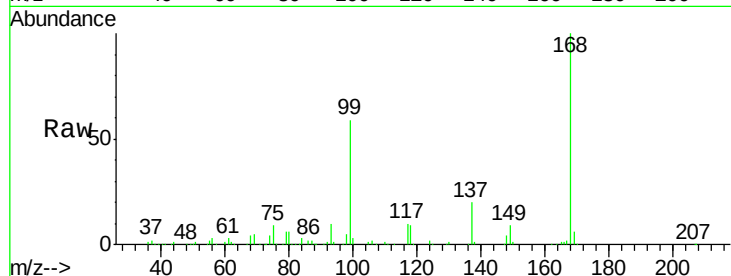
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:168 Resp: 134441

Ion Ratio Lower Upper

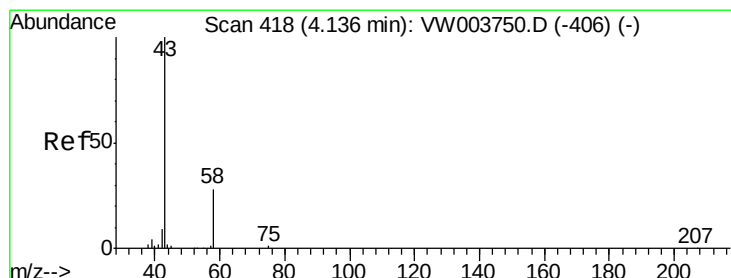
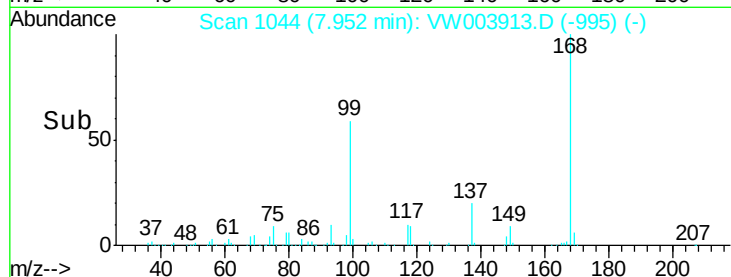
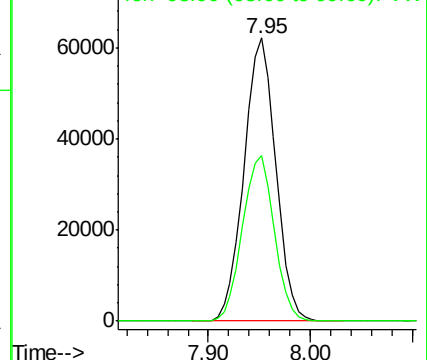
168 100

99 58.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.192 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003913.D

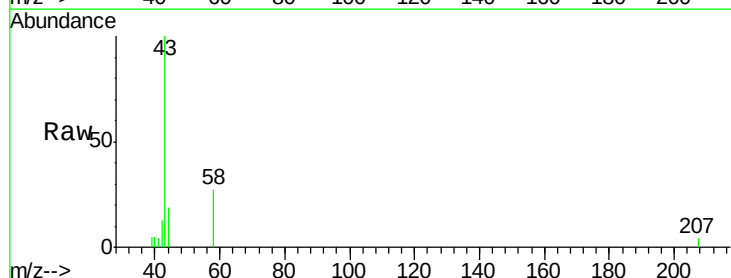
Acq: 12 Jul 2018 22:16

Tgt Ion: 43 Resp: 5854

Ion Ratio Lower Upper

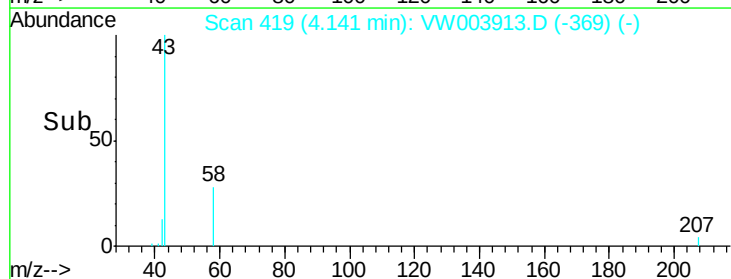
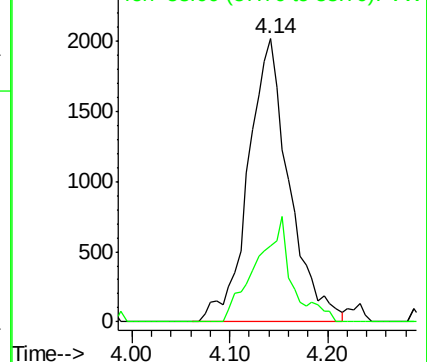
43 100

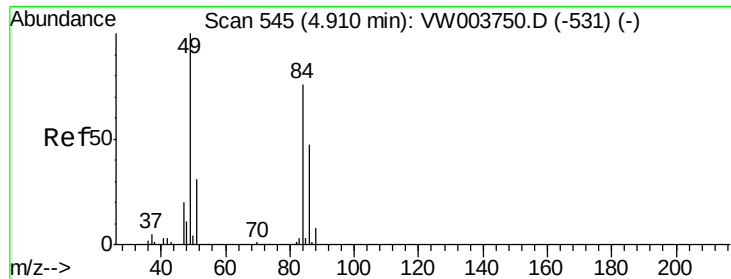
58 26.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

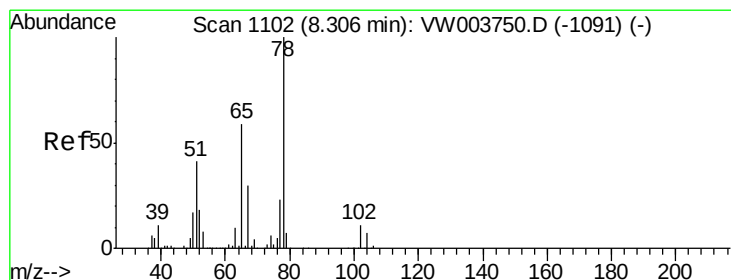
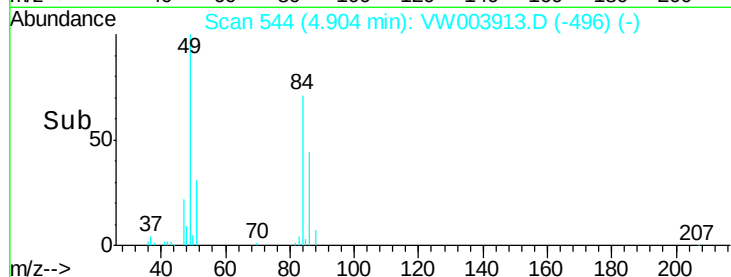
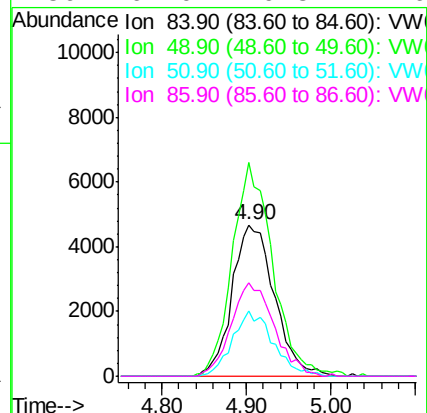
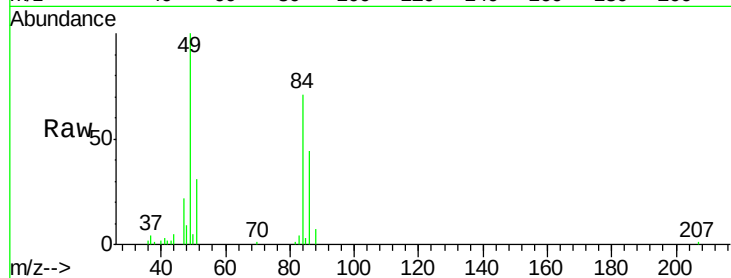




#20
Methylene Chloride
Concen: 6.977 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

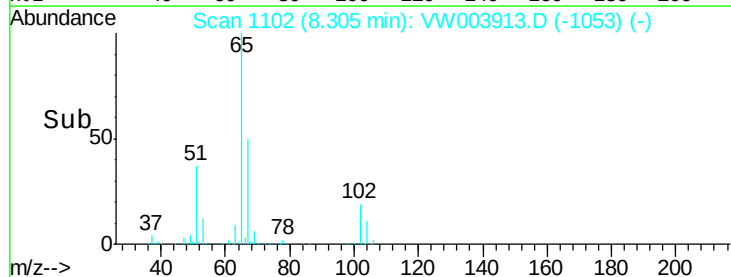
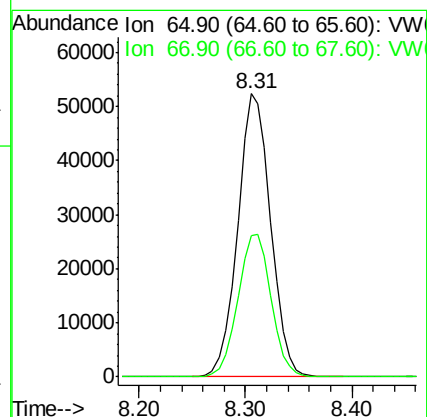
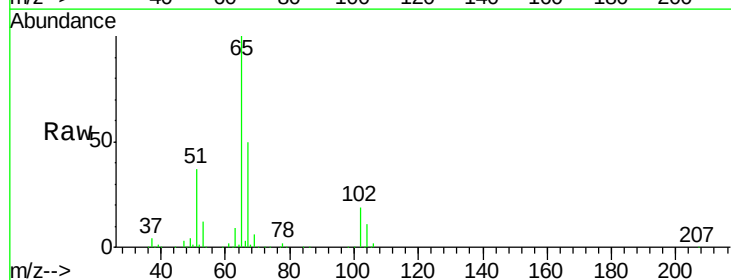
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

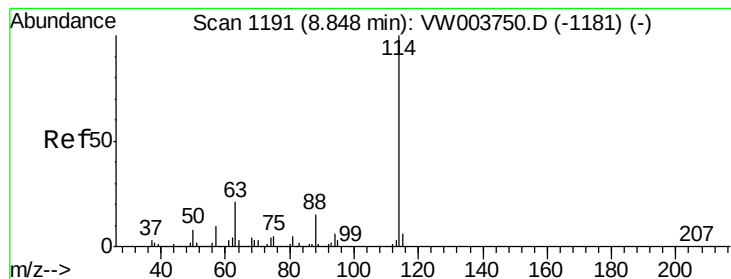
Tot Ion: 84 Resp: 15979
Ion Ratio Lower Upper
84 100
49 141.4 105.1 157.7
51 43.1 32.5 48.7
86 62.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 64.443 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

Tgt Ion: 65 Resp: 113298
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

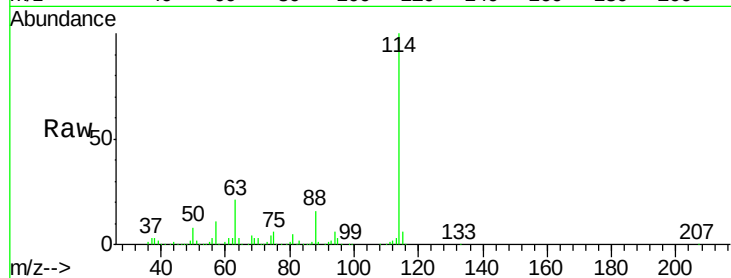
Tot Ion:114 Resp: 226534

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

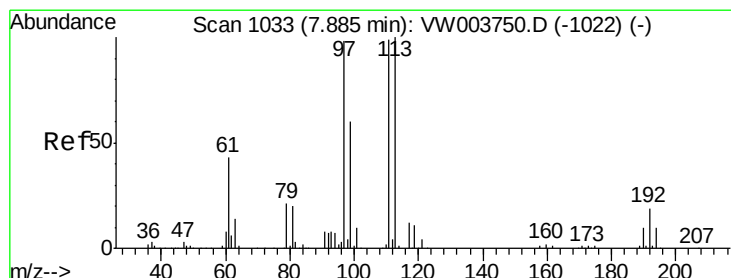
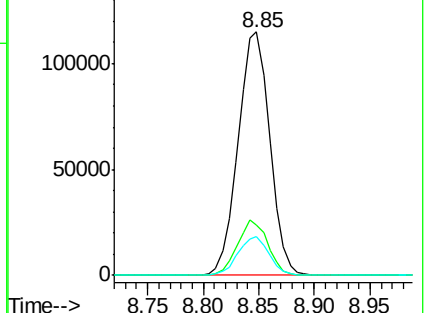
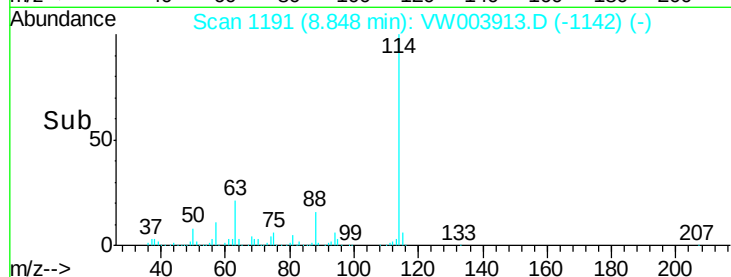
88 15.9 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 55.869 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

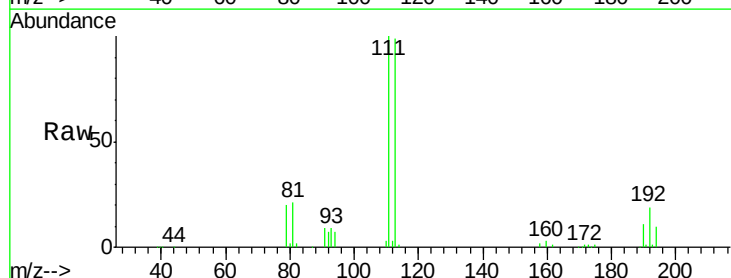
Tgt Ion:113 Resp: 88579

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

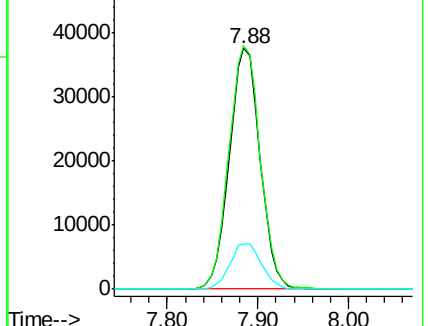
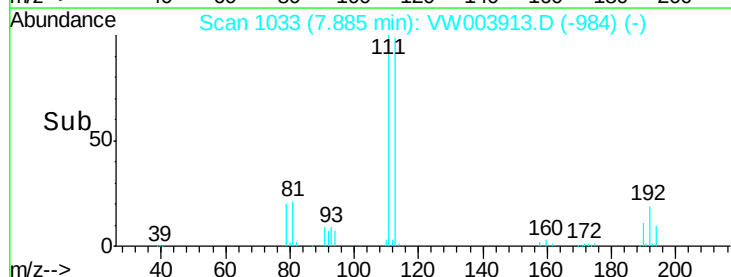
192 19.5 15.8 23.8

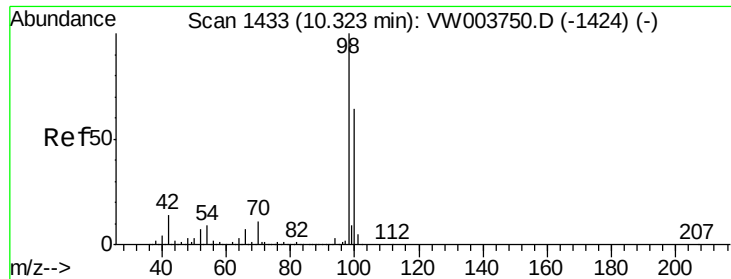


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 35.967 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

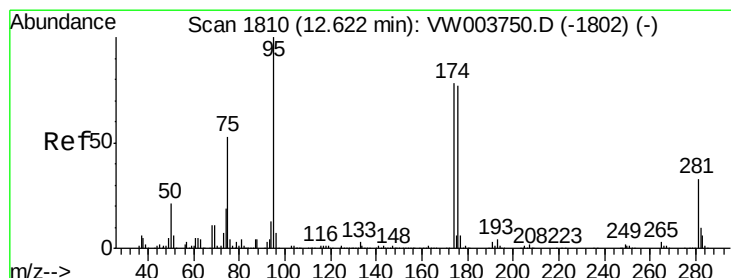
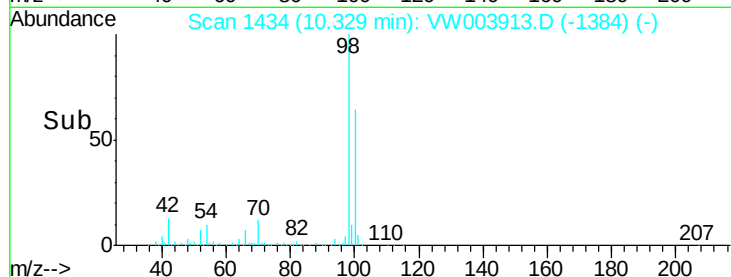
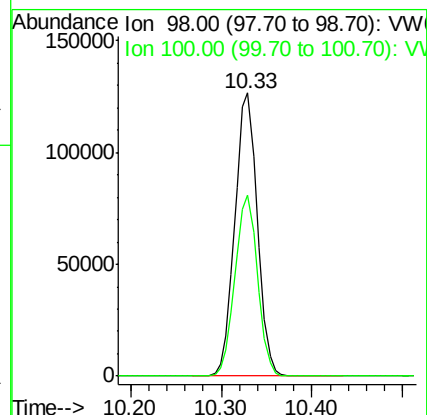
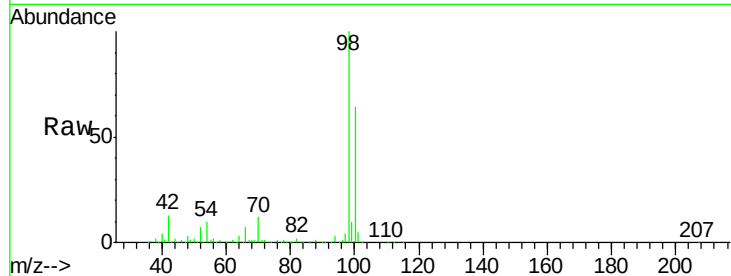
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion: 98 Resp: 218131

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 49.270 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

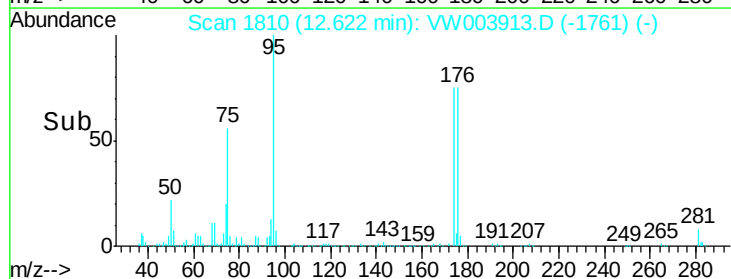
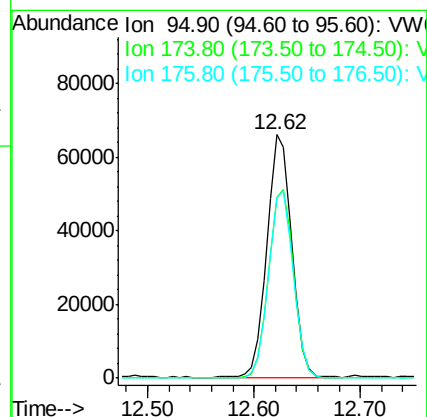
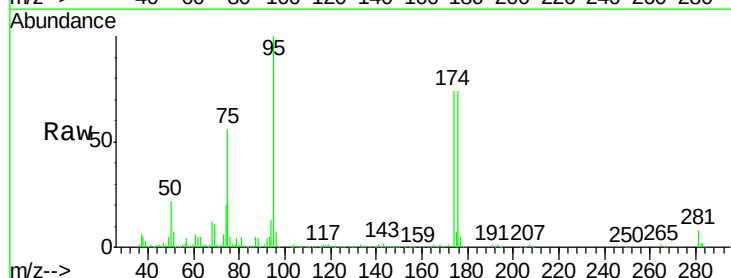
Tgt Ion: 95 Resp: 108115

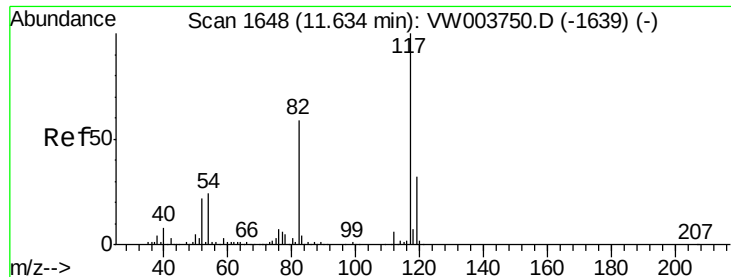
Ion Ratio Lower Upper

95 100

174 78.1 0.0 163.4

176 77.0 0.0 156.8

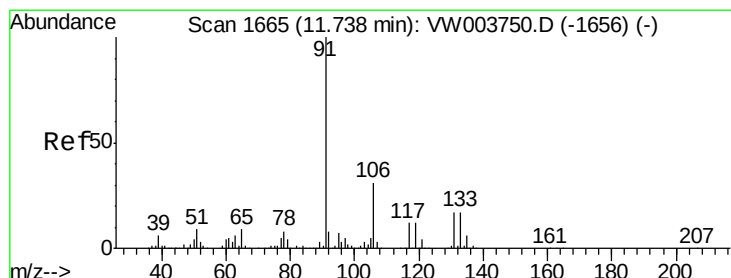
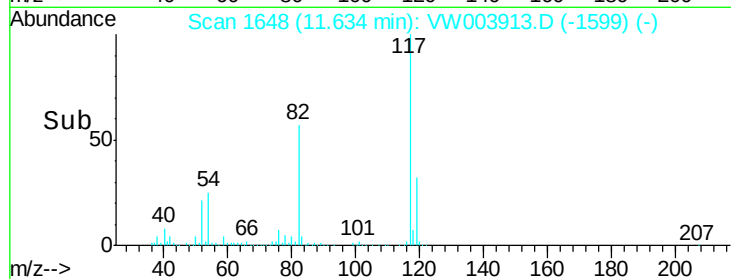
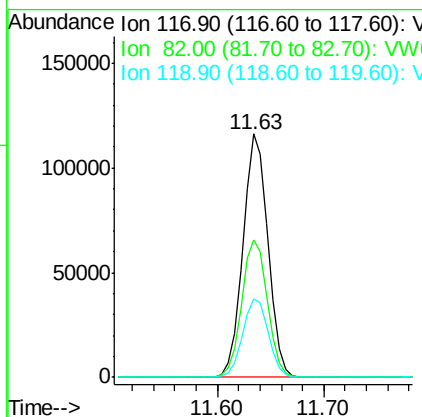
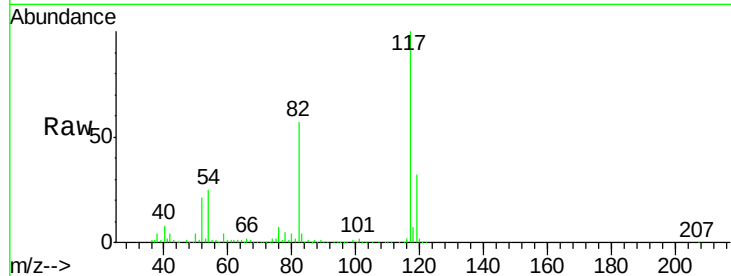




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

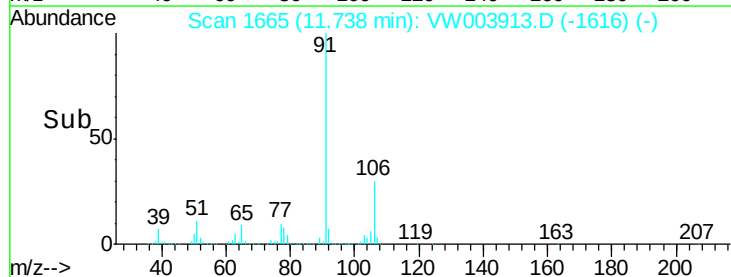
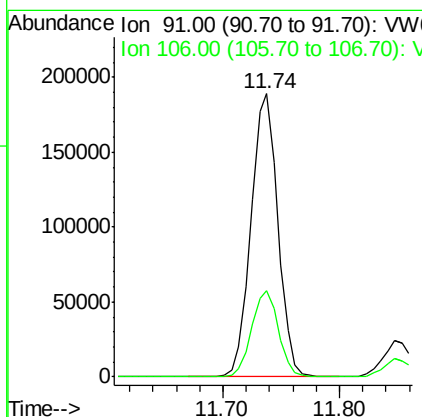
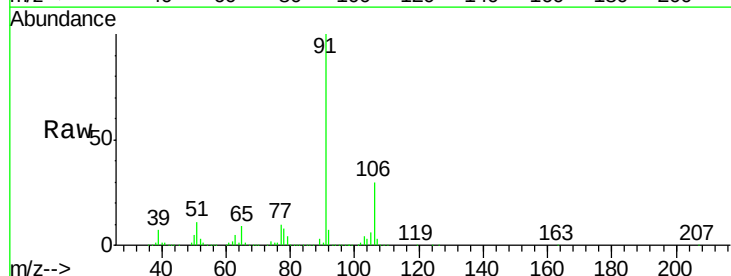
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

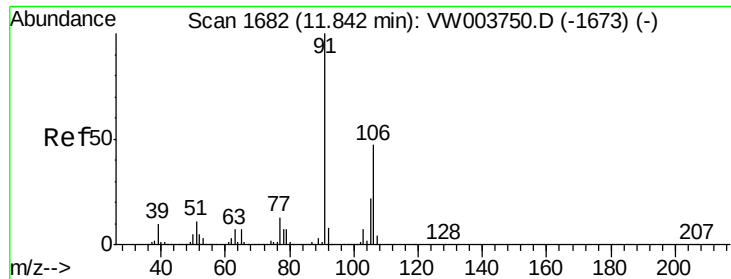
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.9	70.3
119	32.3	25.5	38.3



#67
Ethyl Benzene
Concen: 42.049 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.6	37.0

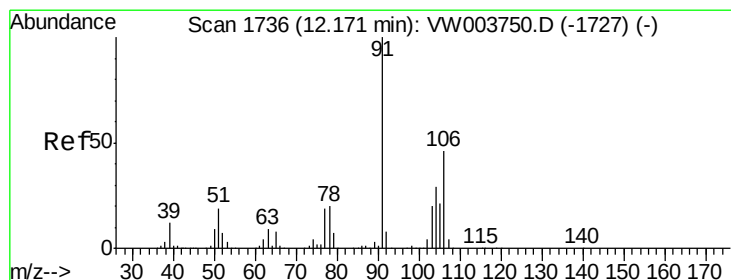
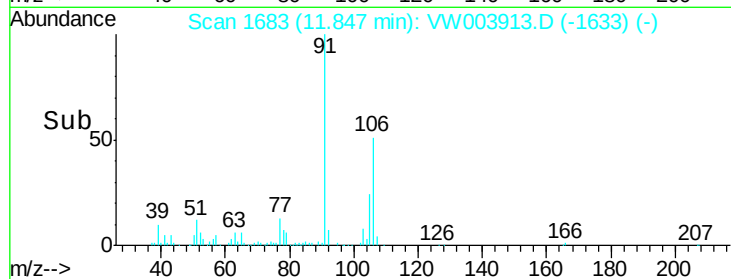
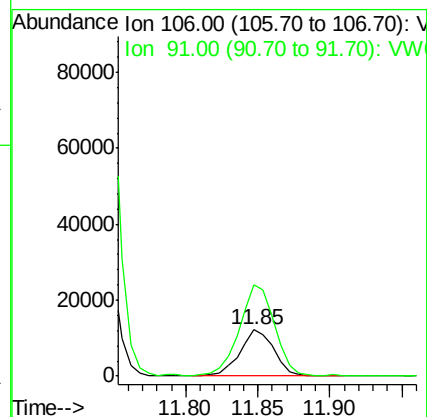
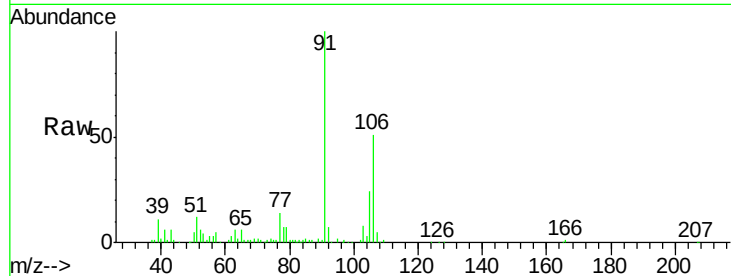




#68
m/p-Xylenes
Concen: 7.240 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

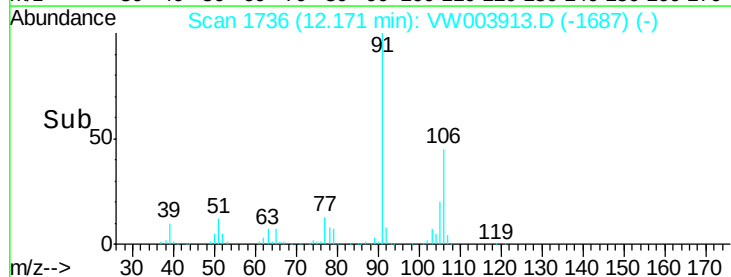
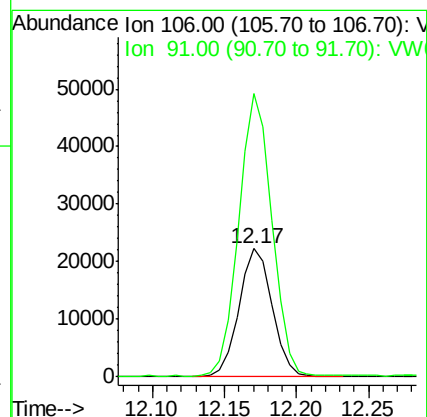
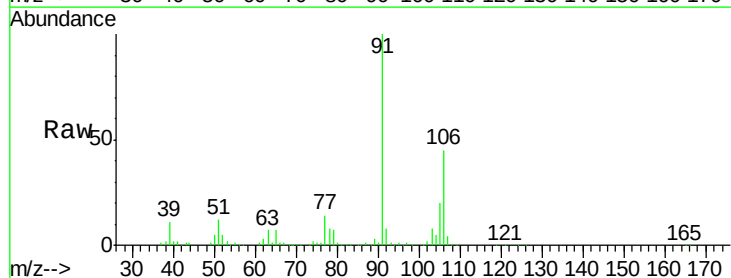
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

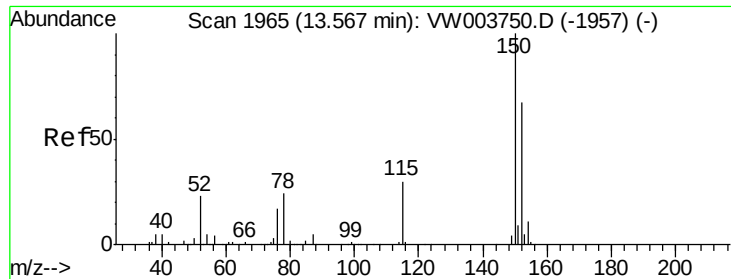
Tot Ion:106 Resp: 20015
Ion Ratio Lower Upper
106 100
91 199.1 164.3 246.5



#69
o-Xylene
Concen: 13.971 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

Tgt Ion:106 Resp: 35640
Ion Ratio Lower Upper
106 100
91 221.8 109.1 327.2

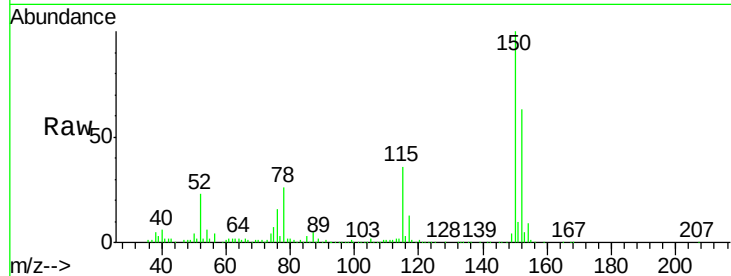




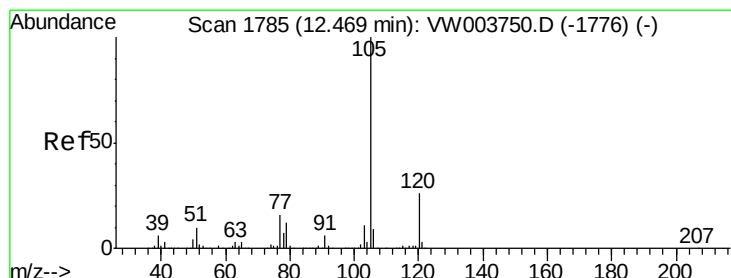
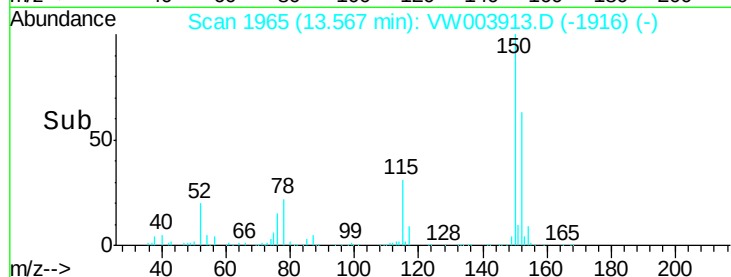
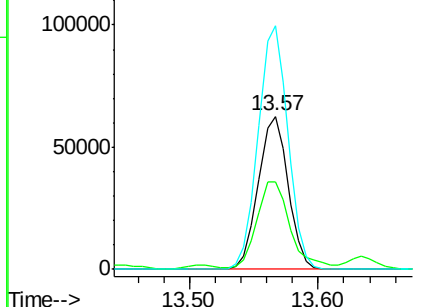
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW003913.D
 Acq: 12 Jul 2018 22:16

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.9	86.8
150	158.3	0.0	342.4

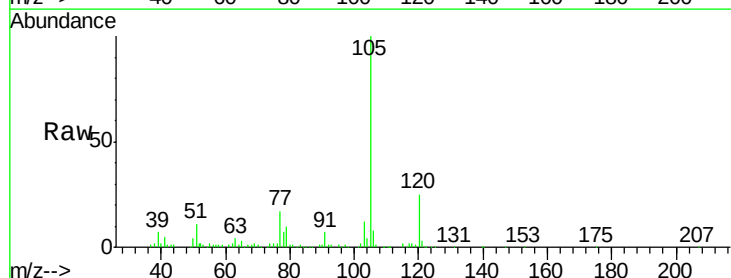


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

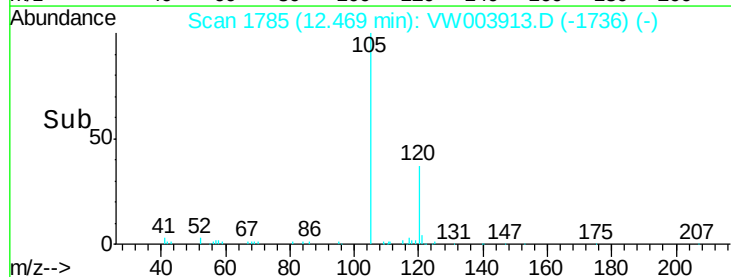
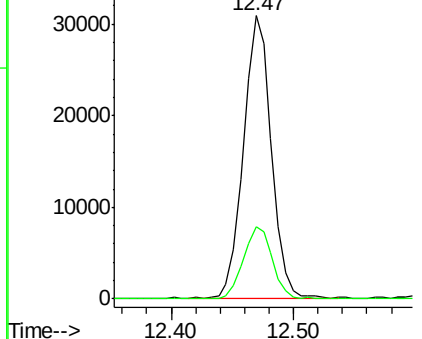


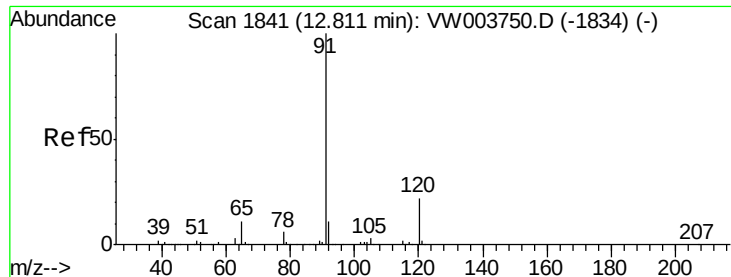
#73
 Isopropylbenzene
 Concen: 7.177 ug/l
 RT: 12.47 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VW003913.D
 Acq: 12 Jul 2018 22:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.478 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

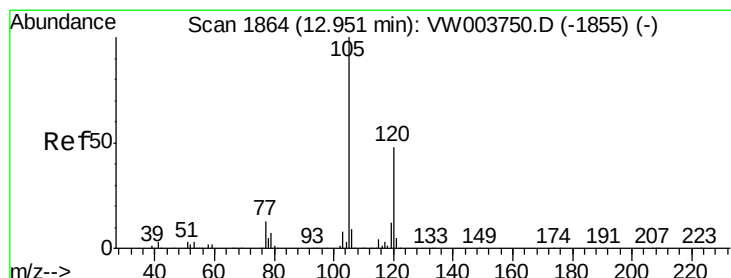
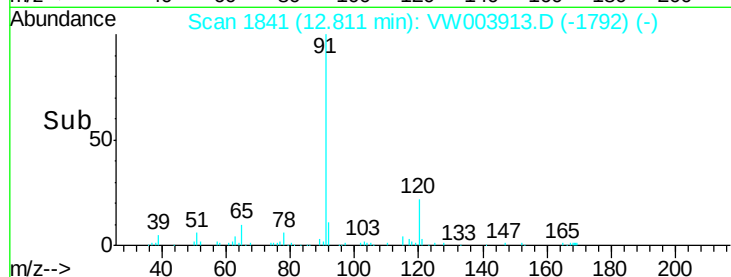
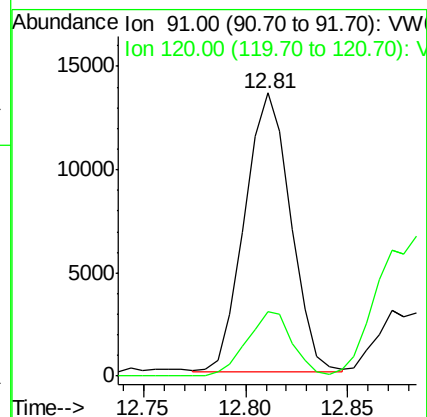
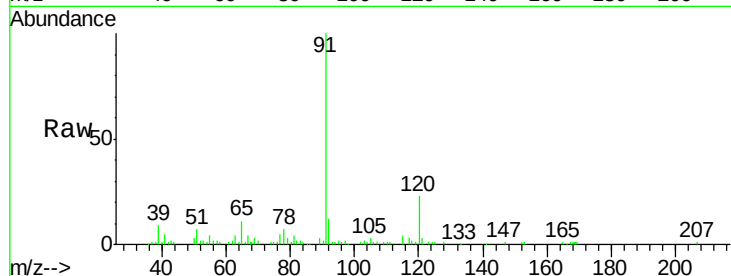
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion: 91 Resp: 21160

Ion Ratio Lower Upper

91 100

120 23.0 11.2 33.6



#80

1,3,5-Trimethylbenzene

Concen: 19.425 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003913.D

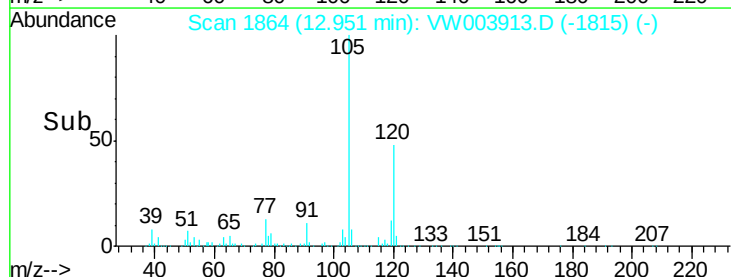
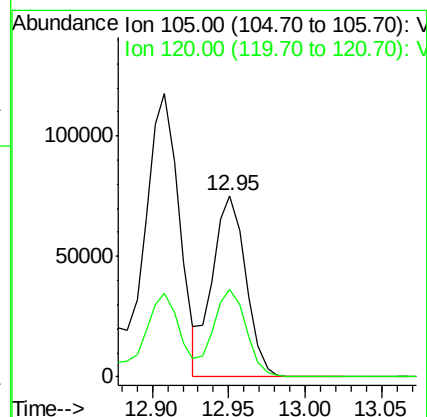
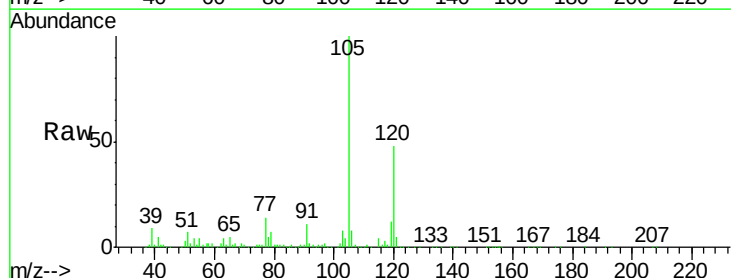
Acq: 12 Jul 2018 22:16

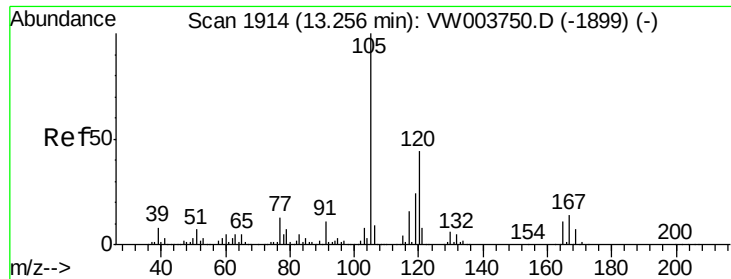
Tgt Ion:105 Resp: 113905

Ion Ratio Lower Upper

105 100

120 47.9 24.2 72.6



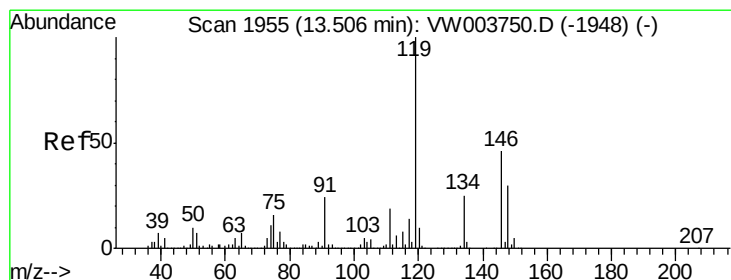
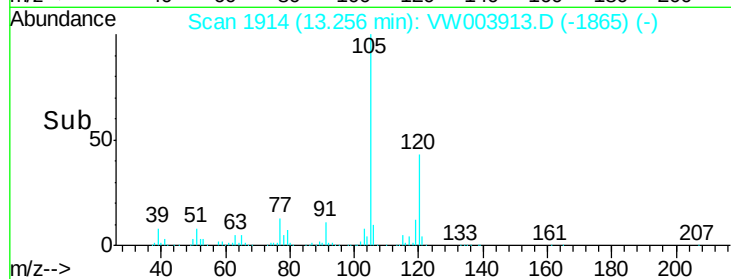
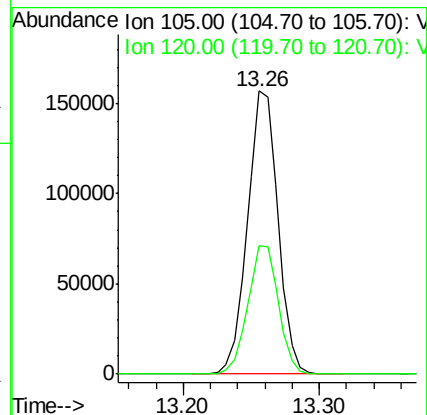
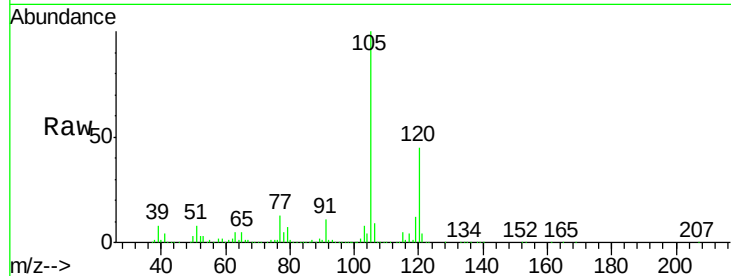


#84

1,2,4-Trimethylbenzene
Concen: 40.281 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

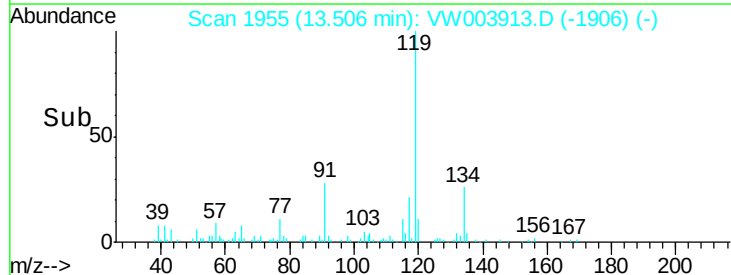
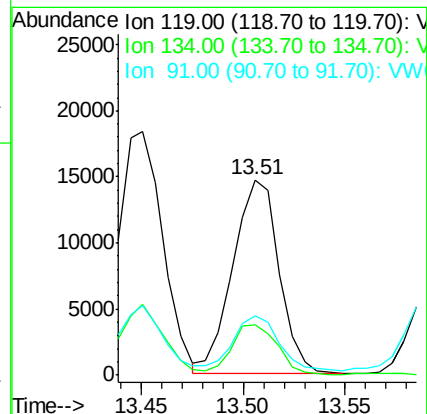
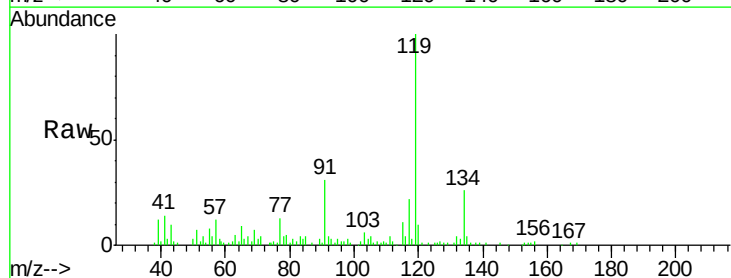
Tot Ion:105 Resp: 245380
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0

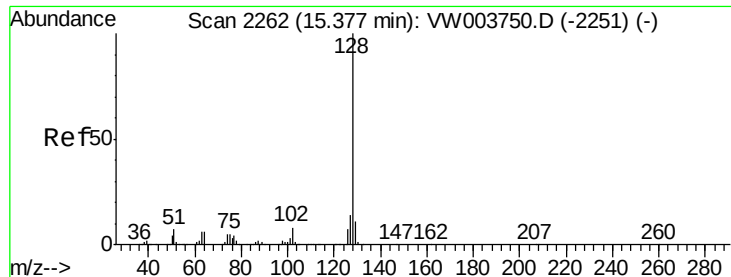


#86

p-Isopropyltoluene
Concen: 3.643 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW003913.D
Acq: 12 Jul 2018 22:16

Tgt Ion:119 Resp: 23027
Ion Ratio Lower Upper
119 100
134 25.0 13.1 39.1
91 26.9 11.9 35.9





#95

Naphthalene

Concen: 19.751 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003913.D

Acq: 12 Jul 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

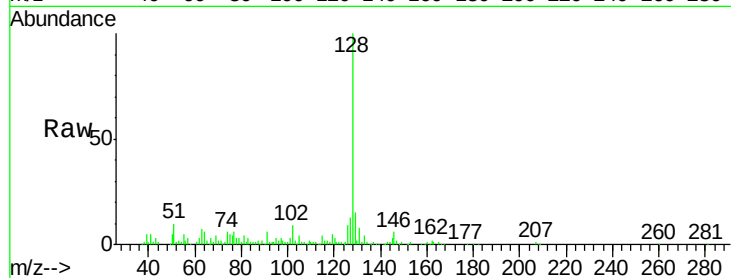
Tot Ion:128 Resp: 73595

Ion Ratio Lower Upper

128 100

127 14.2 10.8 16.2

129 13.9 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

