

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003914.D
 Acq On : 12 Jul 2018 22:42
 Operator : SY/AP
 Sample : J3948-05
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 13 07:28:15 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	89626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	146723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63772	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	67124	57.27	ug/l	0.00
Spiked Amount			Recovery	=	114.54%	
35) Dibromofluoromethane	7.88	113	53098	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
50) Toluene-d8	10.33	98	151398	38.54	ug/l	0.00
Spiked Amount			Recovery	=	77.08%	
62) 4-Bromofluorobenzene	12.62	95	65198	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	

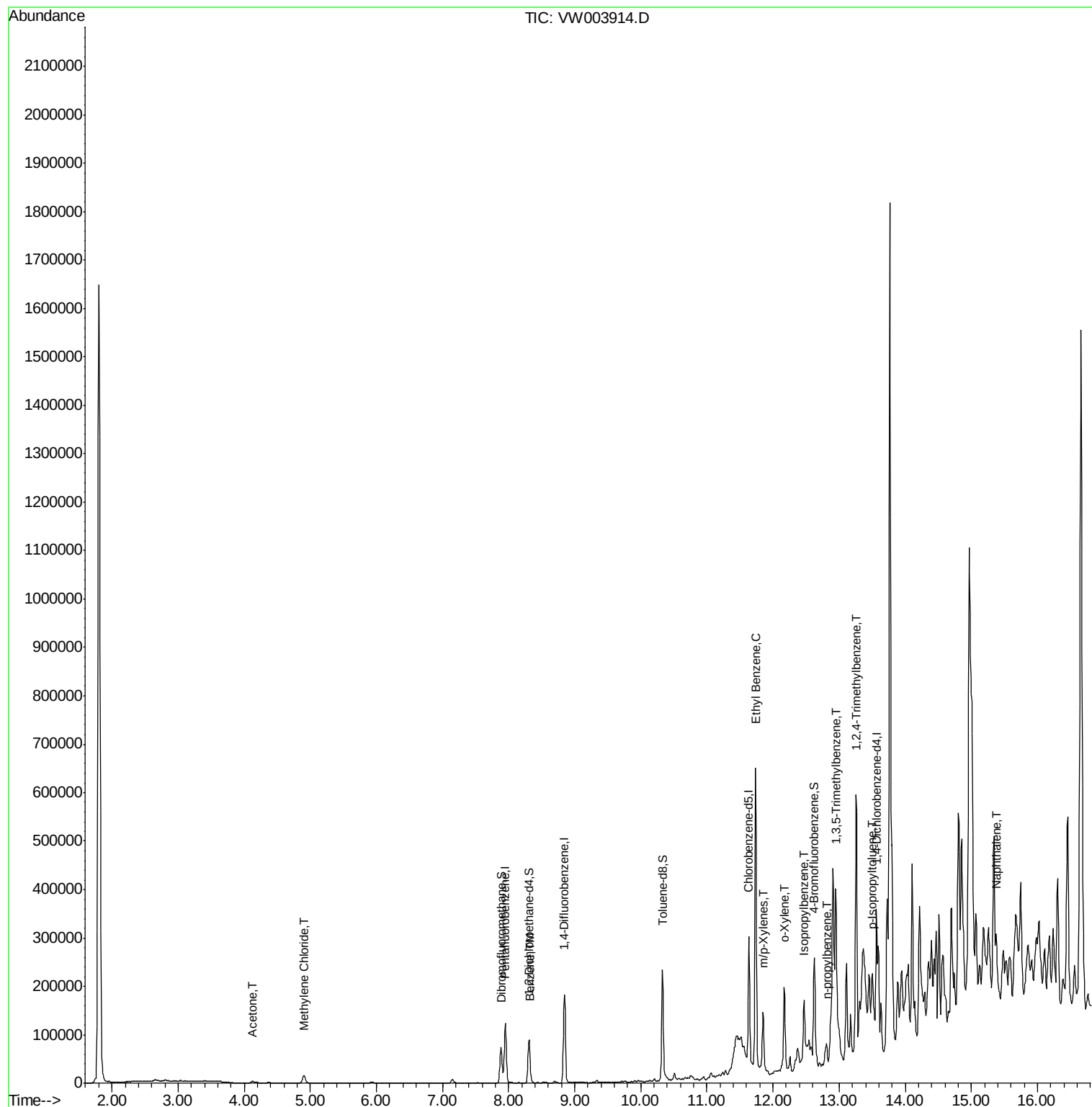
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	5726	28.159	ug/l	97
20) Methylene Chloride	4.90	84	10363	6.656	ug/l	94
40) Benzene	8.32	78	11430	2.568	ug/l	98
67) Ethyl Benzene	11.74	91	421232	85.125	ug/l	99
68) m/p-Xylenes	11.85	106	25087	13.239	ug/l	95
69) o-Xylene	12.17	106	43829	25.067	ug/l	99
73) Isopropylbenzene	12.47	105	68964	15.968	ug/l	99
78) n-propylbenzene	12.81	91	33533	6.185	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	109011	29.286	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	287851	74.439	ug/l	98
86) p-Isopropyltoluene	13.51	119	29202	7.277	ug/l	89
95) Naphthalene	15.38	128	98555	41.667	ug/l #	91

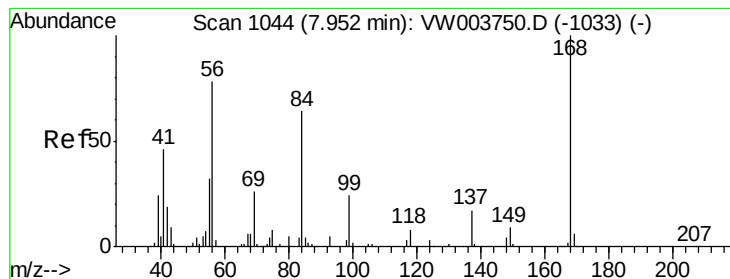
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003914.D

Acq: 12 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

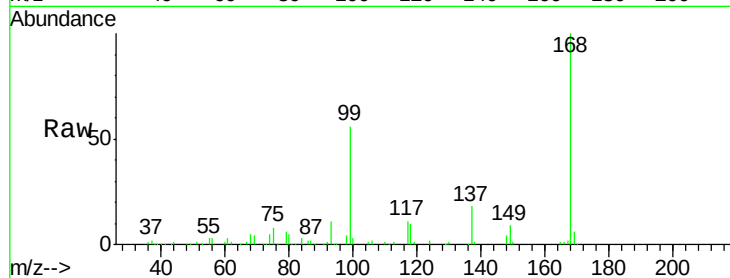
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:168 Resp: 89626

Ion Ratio Lower Upper

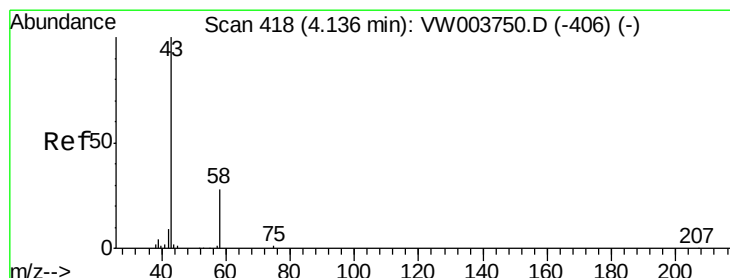
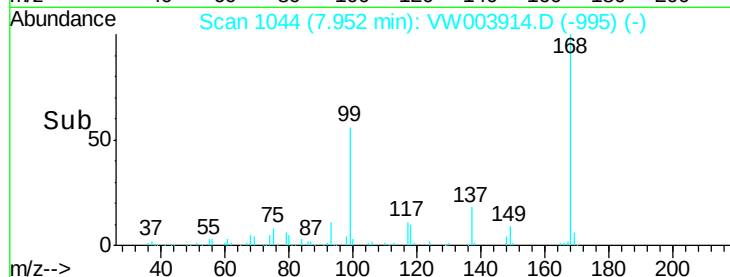
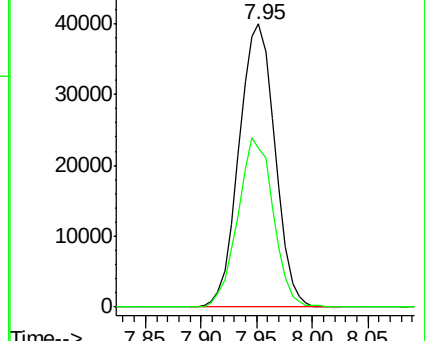
168 100

99 56.1 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: 28.159 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003914.D

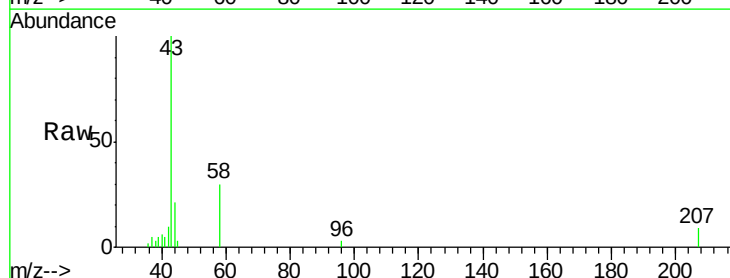
Acq: 12 Jul 2018 22:42

Tgt Ion: 43 Resp: 5726

Ion Ratio Lower Upper

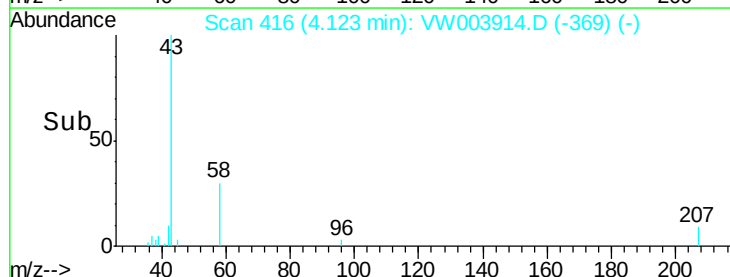
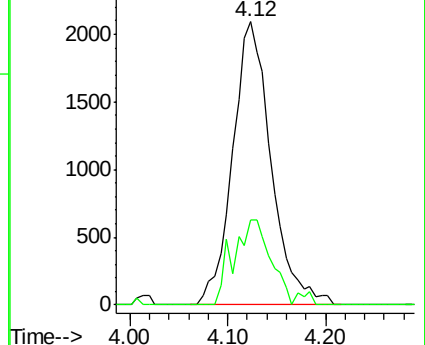
43 100

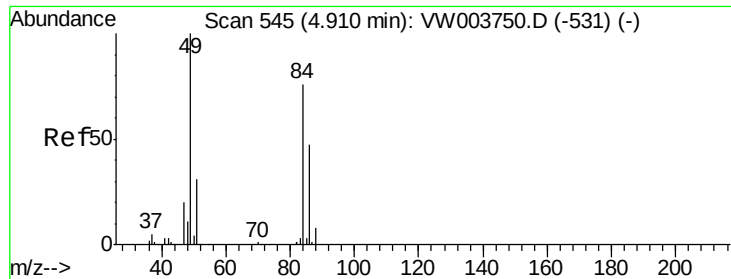
58 30.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

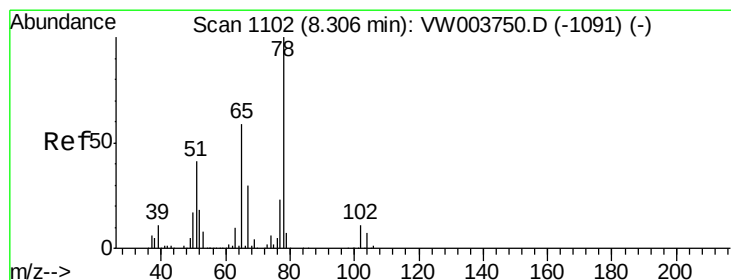
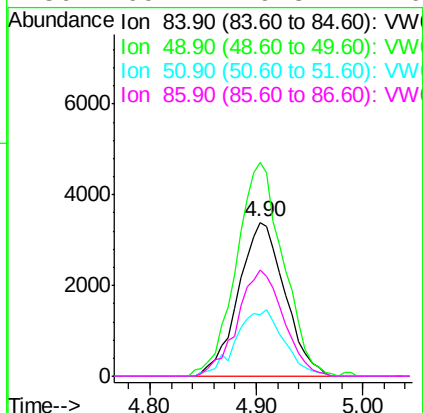
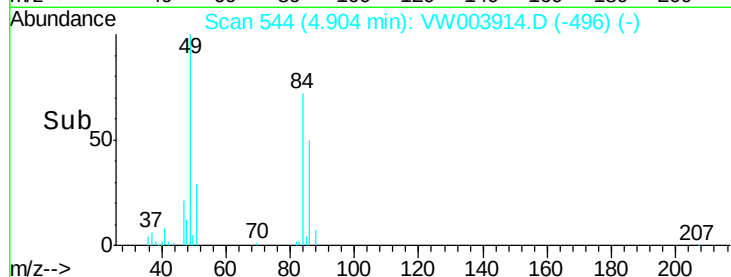
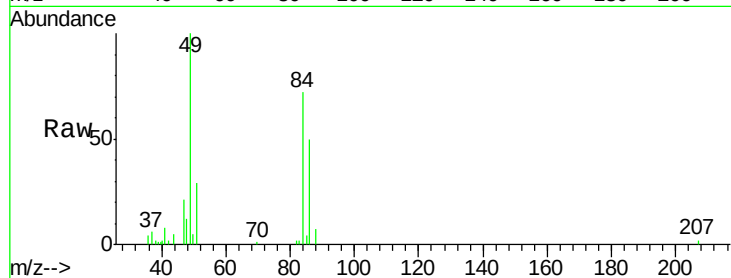




#20
Methylene Chloride
Concen: 6.656 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003914.D
Acq: 12 Jul 2018 22:42

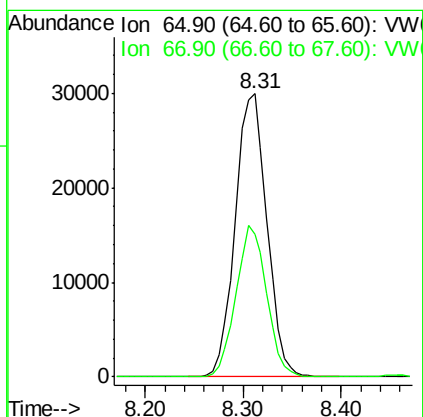
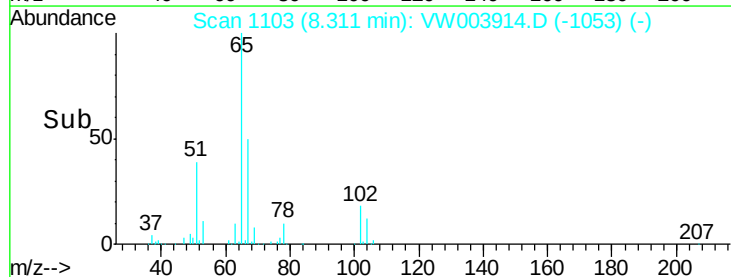
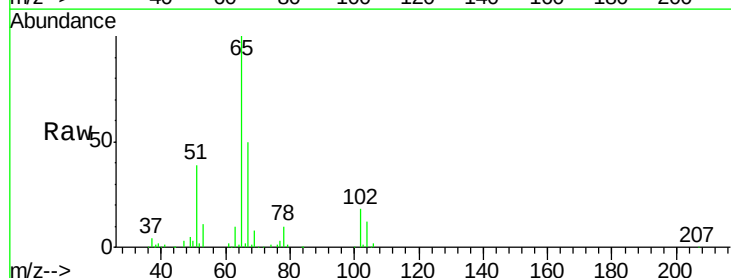
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

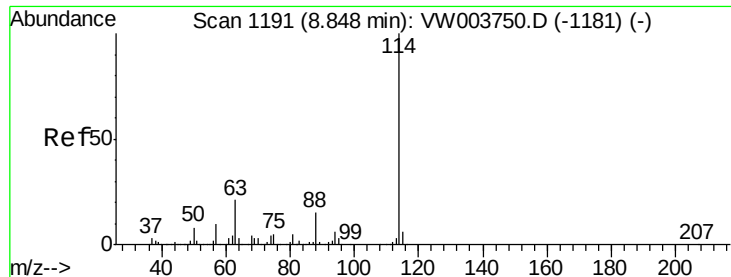
Tot Ion: 84 Resp: 10363
Ion Ratio Lower Upper
84 100
49 138.9 105.1 157.7
51 40.2 32.5 48.7
86 69.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 57.270 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003914.D
Acq: 12 Jul 2018 22:42

Tgt Ion: 65 Resp: 67124
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8

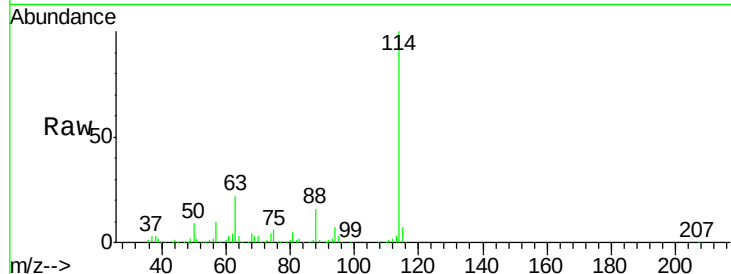




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003914.D
 Acq: 12 Jul 2018 22:42

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

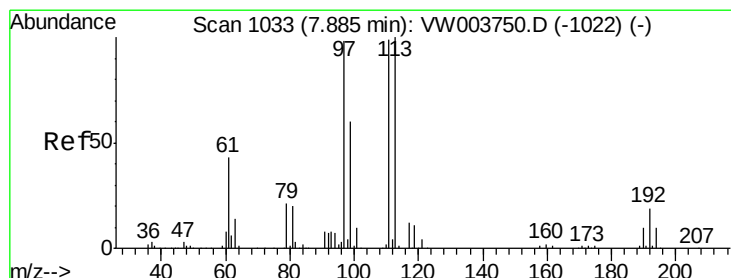
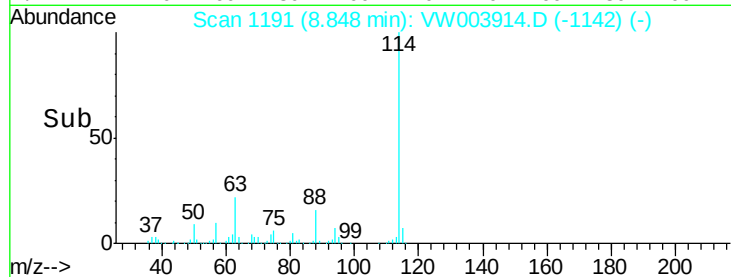
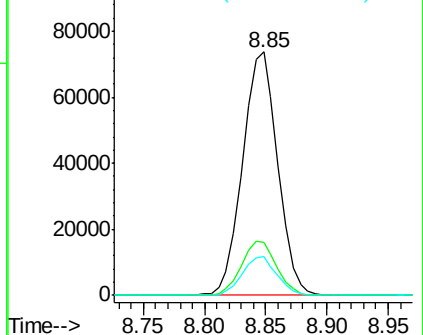
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.8
88	15.8	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

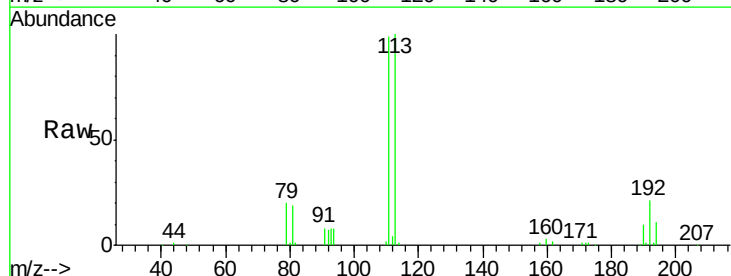
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 51.707 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003914.D
 Acq: 12 Jul 2018 22:42

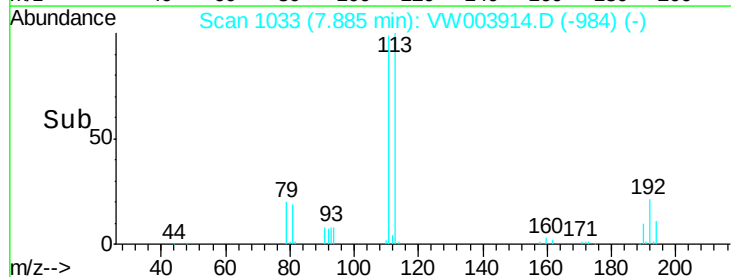
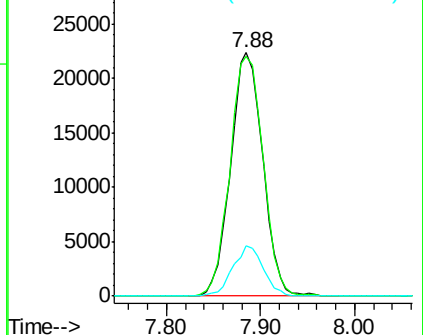
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	19.7	15.8	23.8

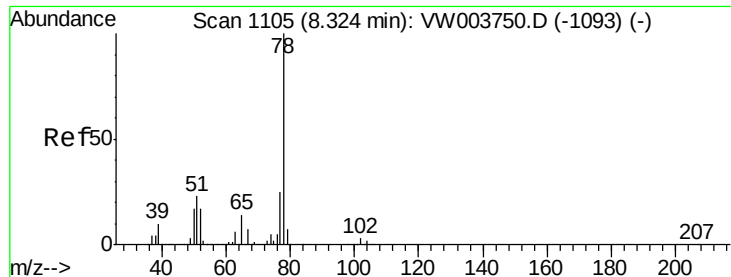


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.568 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW003914.D

Acq: 12 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

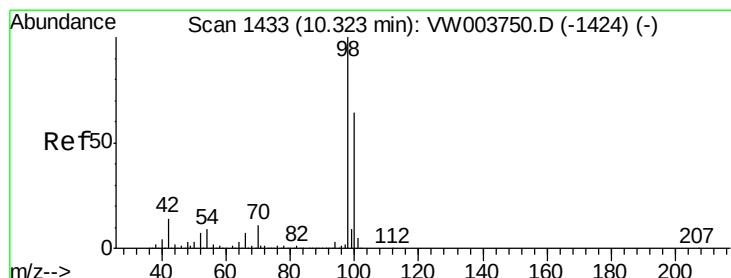
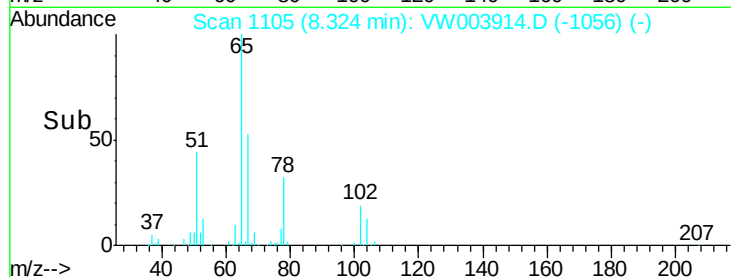
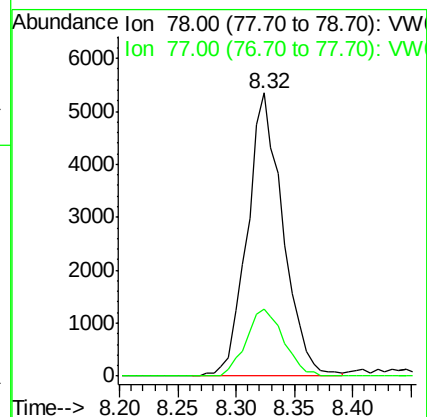
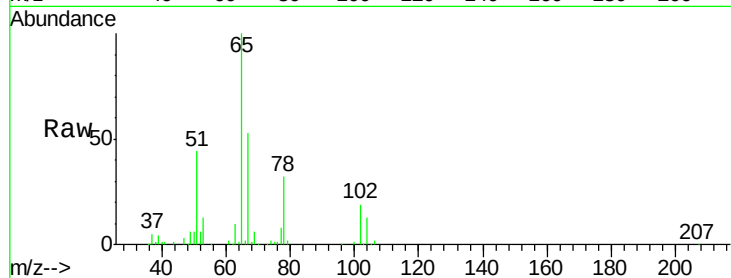
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion: 78 Resp: 11430

Ion Ratio Lower Upper

78 100

77 23.8 19.7 29.5



#50

Toluene-d8

Concen: 38.542 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003914.D

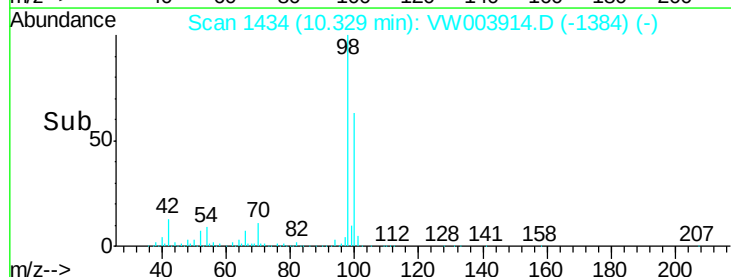
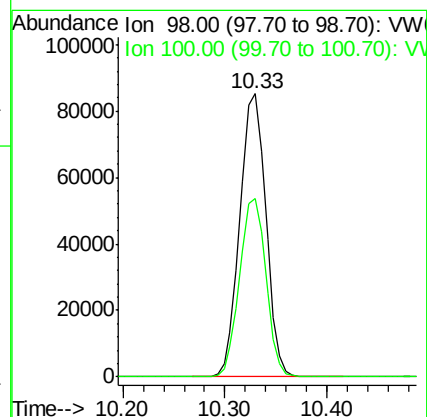
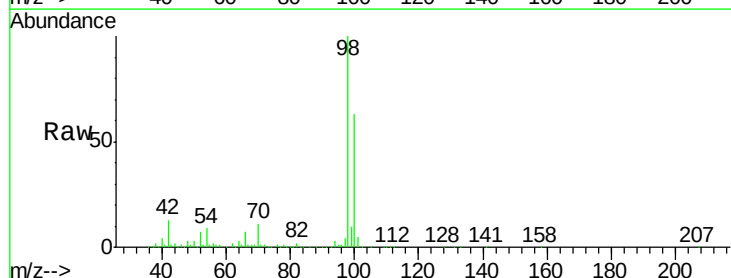
Acq: 12 Jul 2018 22:42

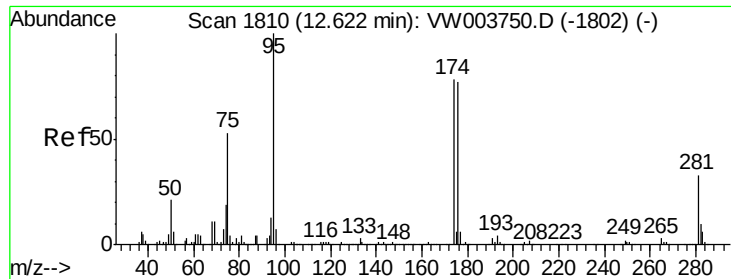
Tgt Ion: 98 Resp: 151398

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 45.874 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003914.D

Acq: 12 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

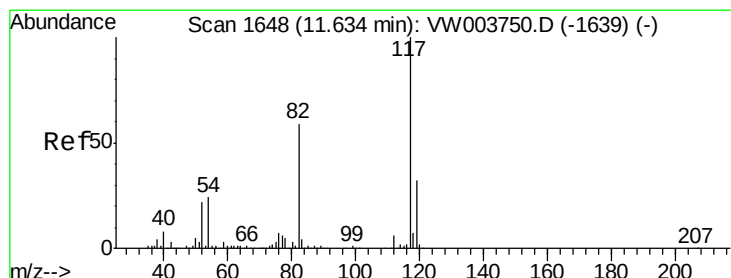
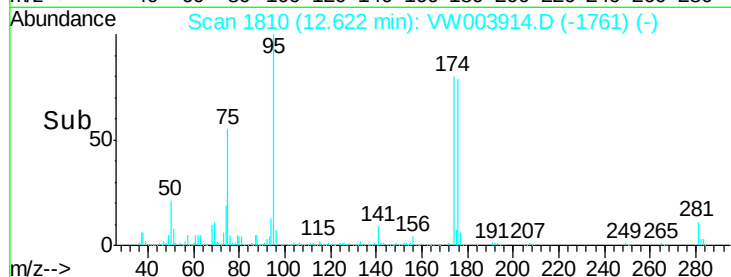
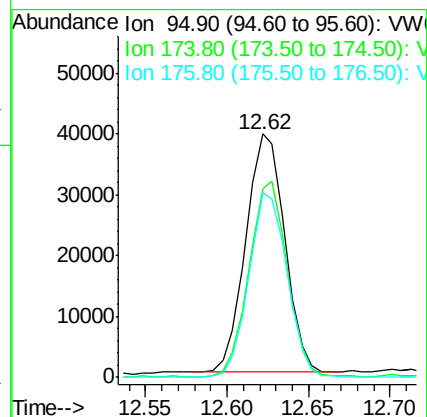
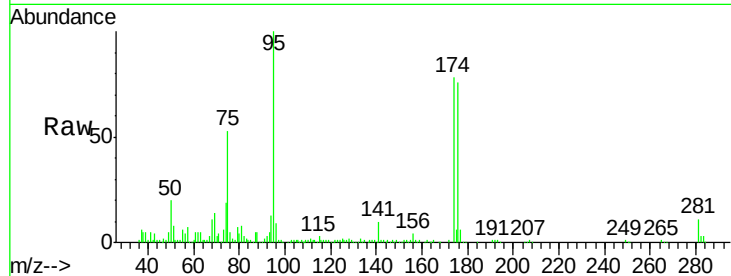
Tot Ion: 95 Resp: 65198

Ion Ratio Lower Upper

95 100

174 80.3 0.0 163.4

176 76.6 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: VW003914.D

Acq: 12 Jul 2018 22:42

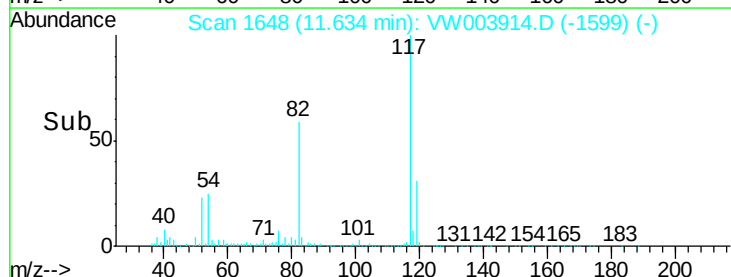
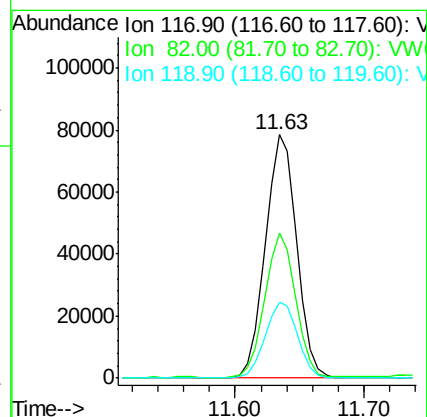
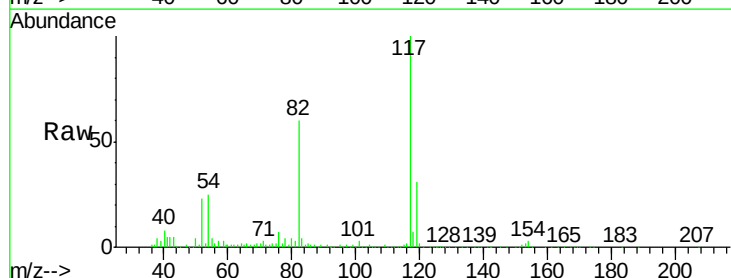
Tgt Ion: 117 Resp: 131275

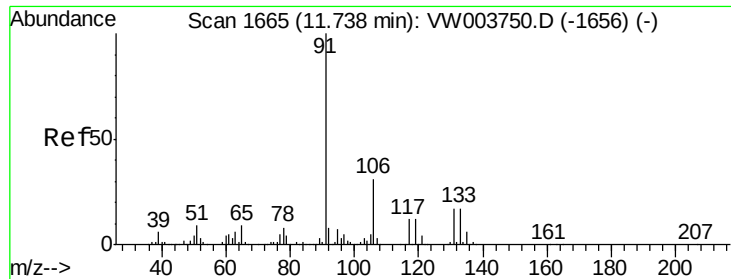
Ion Ratio Lower Upper

117 100

82 59.3 46.9 70.3

119 31.3 25.5 38.3

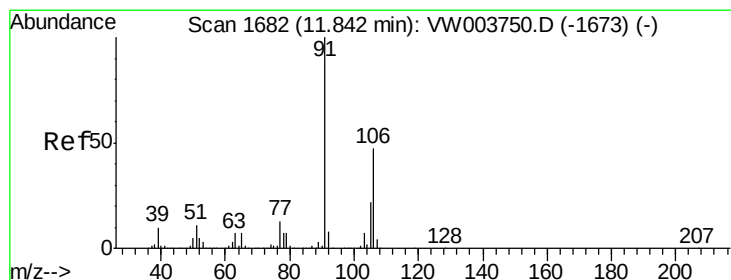
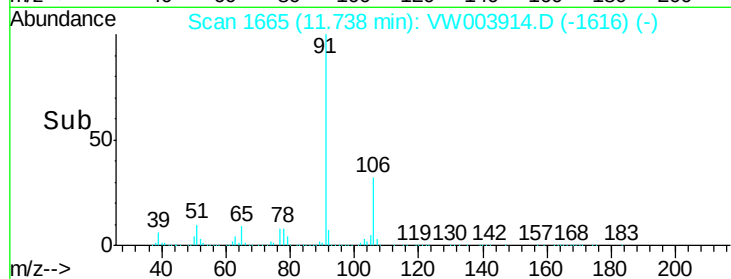
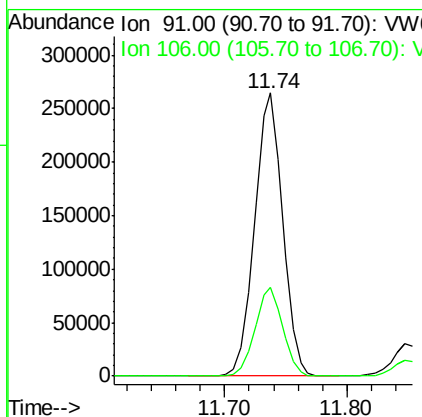
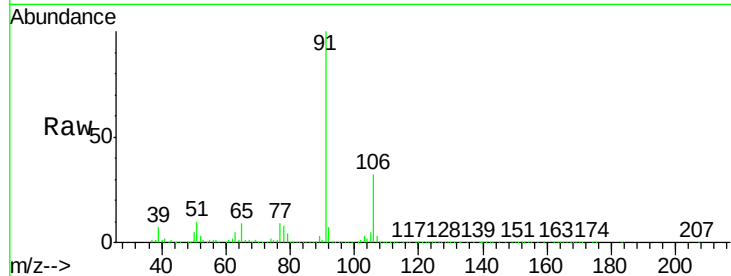




#67
Ethyl Benzene
Concen: 85.125 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003914.D
Acq: 12 Jul 2018 22:42

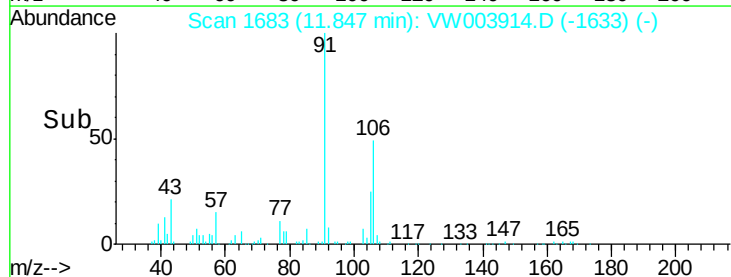
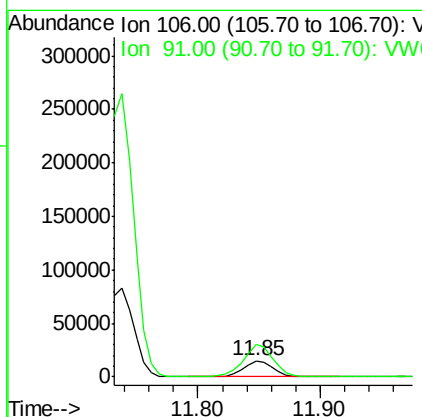
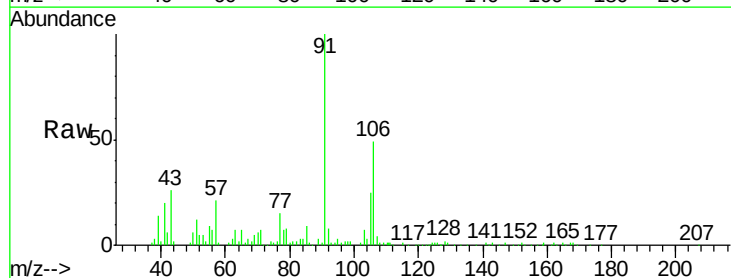
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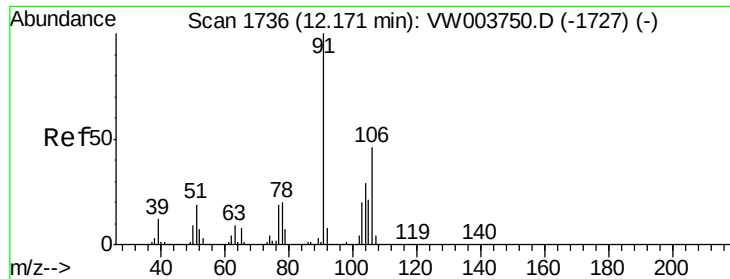
Tot Ion: 91 Resp: 421232
Ion Ratio Lower Upper
91 100
106 31.5 24.6 37.0



#68
m/p-Xylenes
Concen: 13.239 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003914.D
Acq: 12 Jul 2018 22:42

Tgt Ion: 106 Resp: 25087
Ion Ratio Lower Upper
106 100
91 198.0 164.3 246.5

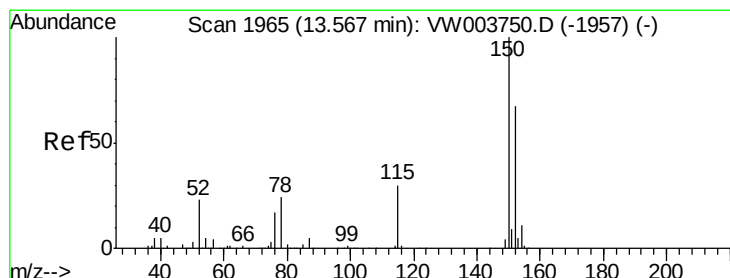
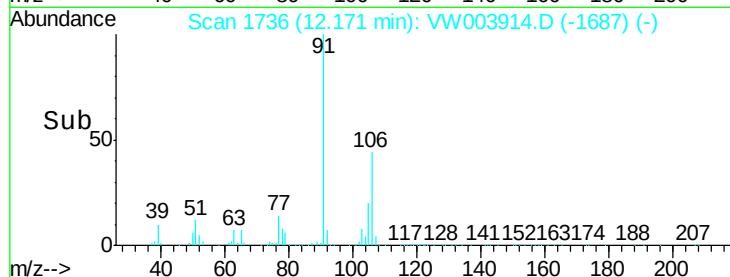
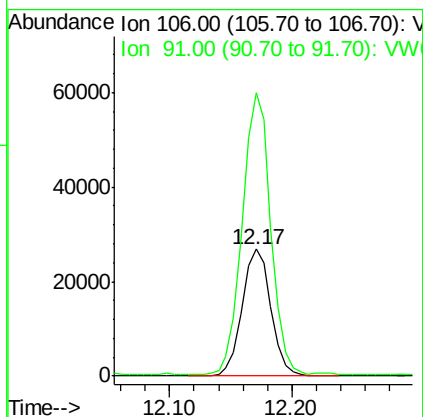
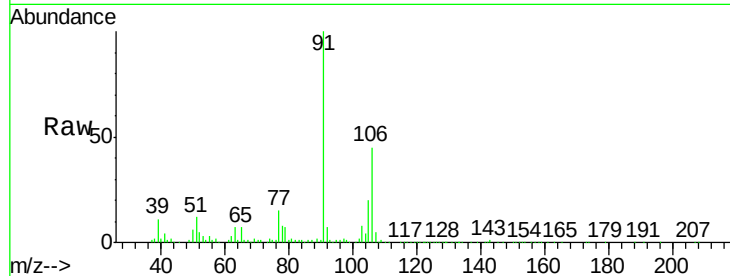




#69
o-Xylene
Concen: 25.067 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003914.D
Acq: 12 Jul 2018 22:42

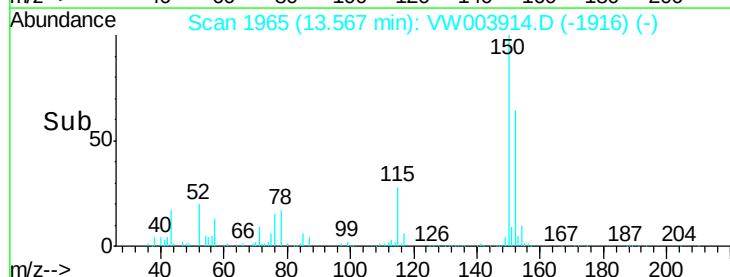
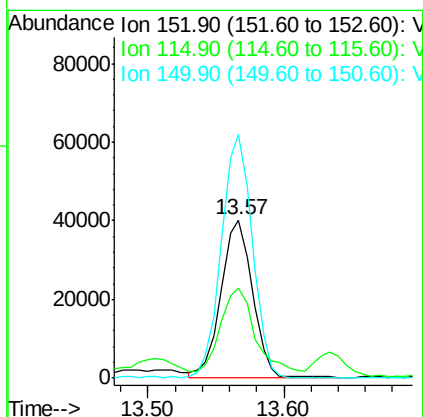
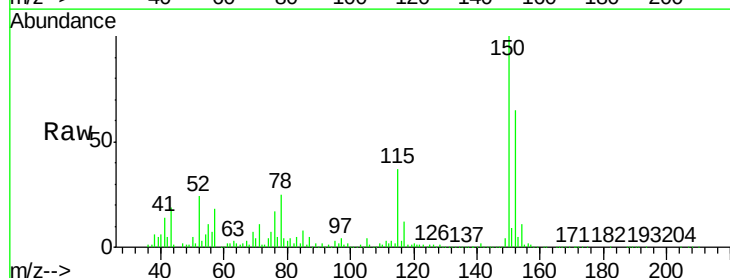
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MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

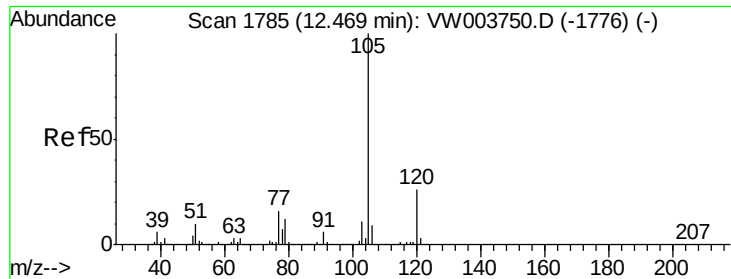
Tot Ion:106 Resp: 43829
Ion Ratio Lower Upper
106 100
91 219.0 109.1 327.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003914.D
Acq: 12 Jul 2018 22:42

Tgt Ion:152 Resp: 63772
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 153.0 0.0 342.4





#73

Isopropylbenzene

Concen: 15.968 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003914.D

Acq: 12 Jul 2018 22:42

Instrument :

MSVOA_W

ClientSampleId :

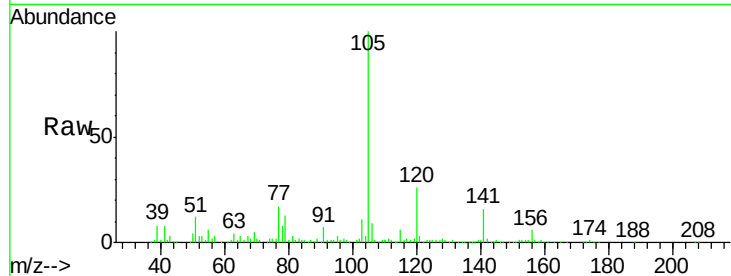
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:105 Resp: 68964

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

50000

40000

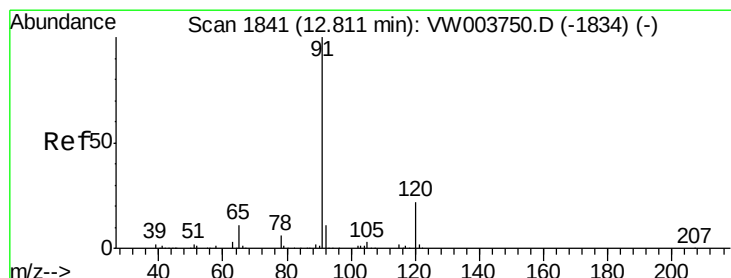
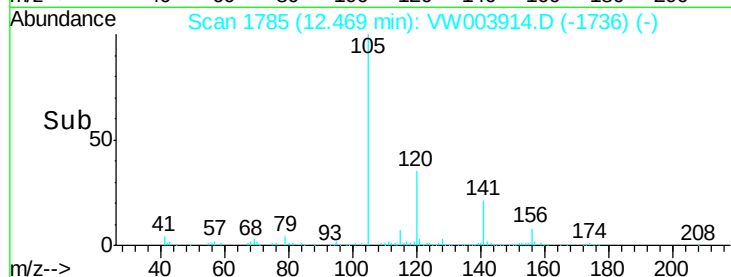
30000

20000

10000

0

Time-->



#78

n-propylbenzene

Concen: 6.185 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003914.D

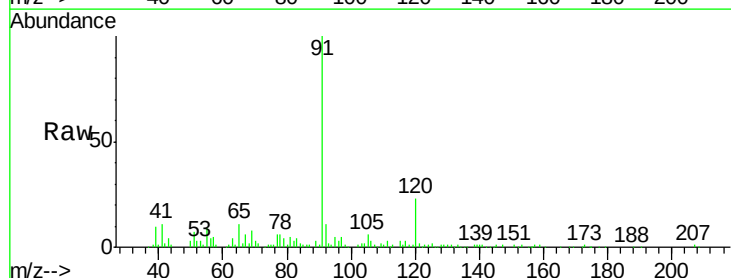
Acq: 12 Jul 2018 22:42

Tgt Ion: 91 Resp: 33533

Ion Ratio Lower Upper

91 100

120 23.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.81

25000

20000

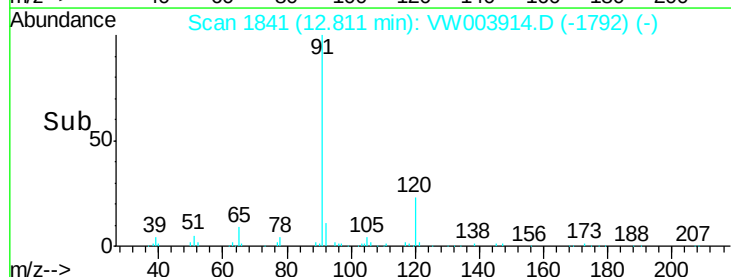
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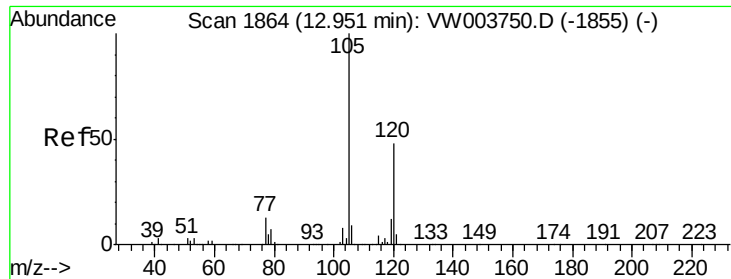
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5000

0

Time-->

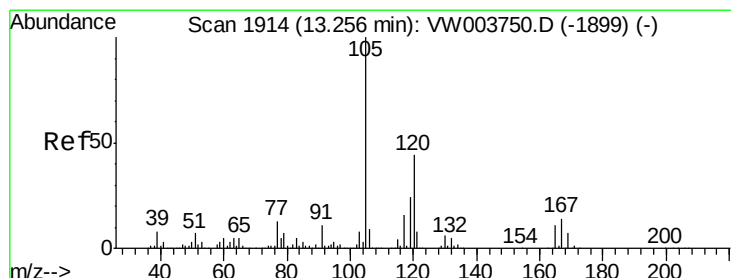
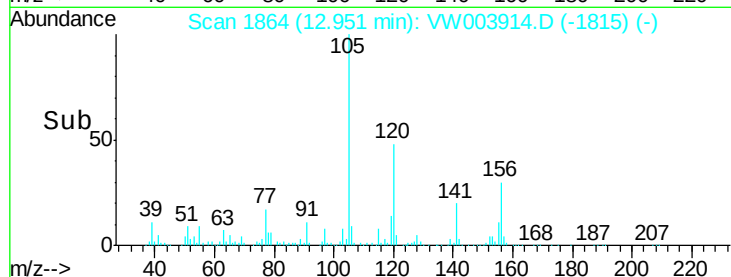
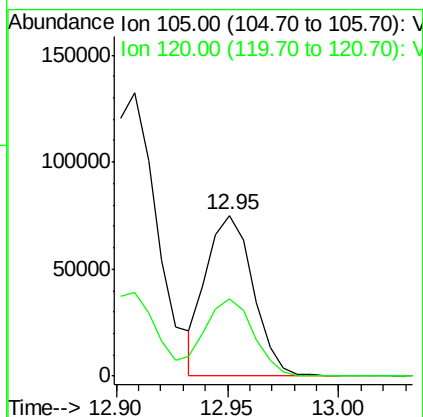
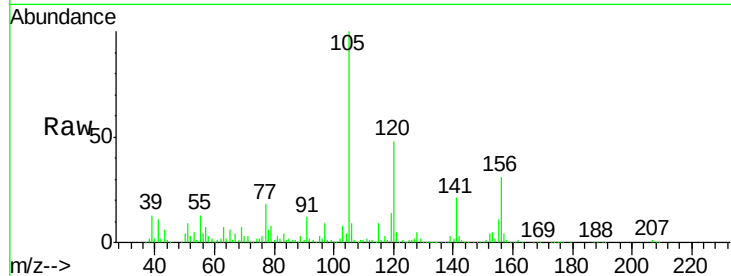




#80
 1,3,5-Trimethylbenzene
 Concen: 29.286 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003914.D
 Acq: 12 Jul 2018 22:42

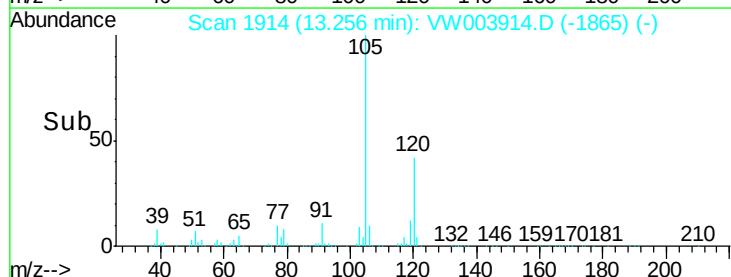
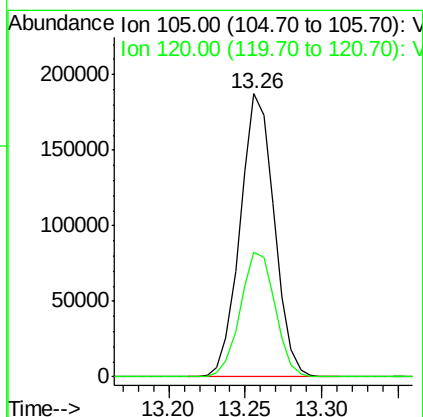
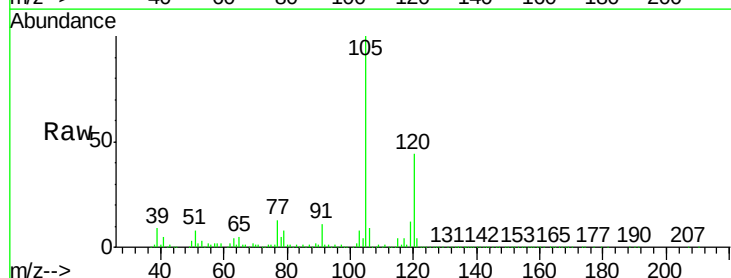
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

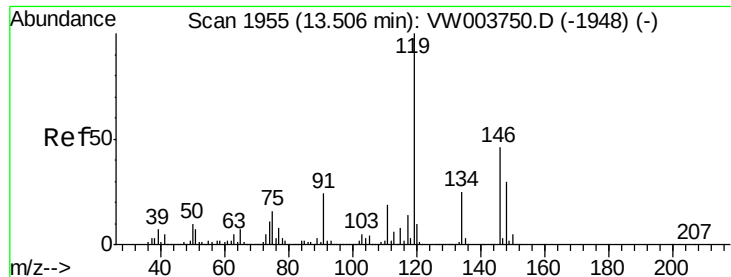
Tot Ion:105 Resp: 109011
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.2 72.6



#84
 1,2,4-Trimethylbenzene
 Concen: 74.439 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003914.D
 Acq: 12 Jul 2018 22:42

Tgt Ion:105 Resp: 287851
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.0 66.0

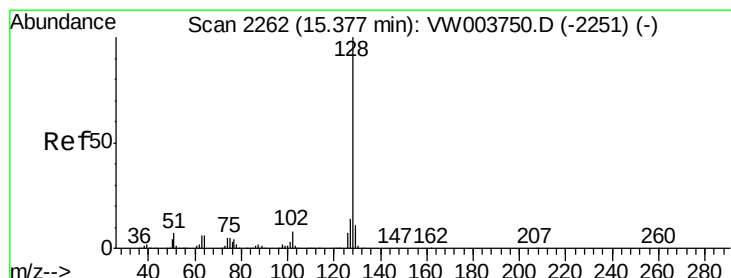
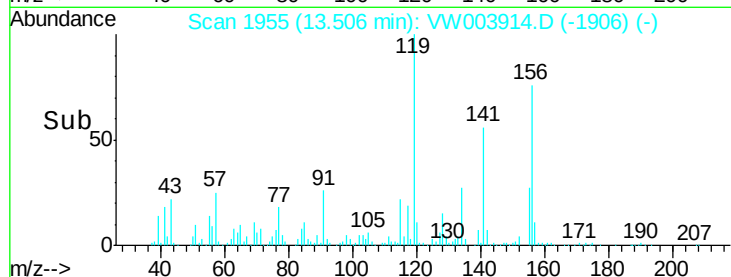
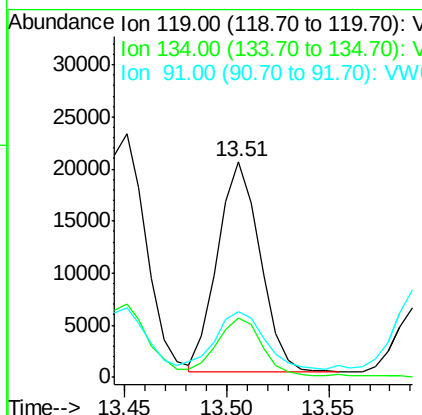
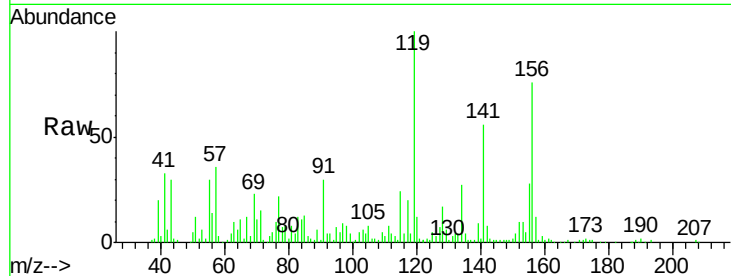




#86
 p-Isopropyltoluene
 Concen: 7.277 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003914.D
 Acq: 12 Jul 2018 22:42

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

Tot Ion:119 Resp: 29202
 Ion Ratio Lower Upper
 119 100
 134 29.5 13.1 39.1
 91 31.1 11.9 35.9



#95
 Naphthalene
 Concen: 41.667 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VW003914.D
 Acq: 12 Jul 2018 22:42

Tgt Ion:128 Resp: 98555
 Ion Ratio Lower Upper
 128 100
 127 18.0 10.8 16.2#
 129 13.5 8.6 13.0#

