

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003954.D
 Acq On : 16 Jul 2018 16:39
 Operator : VA/AP
 Sample : J3948-03RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 16 17:18:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	14881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	33574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	17969	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	26846	161.39	ug/l	0.00
Spiked Amount			Recovery	=	322.78%	
35) Dibromofluoromethane	7.88	113	17283	88.31	ug/l	0.00
Spiked Amount			Recovery	=	176.62%	
50) Toluene-d8	10.32	98	32710	43.07	ug/l	0.00
Spiked Amount			Recovery	=	86.14%	
62) 4-Bromofluorobenzene	12.62	95	16622	60.70	ug/l	0.00
Spiked Amount			Recovery	=	121.40%	

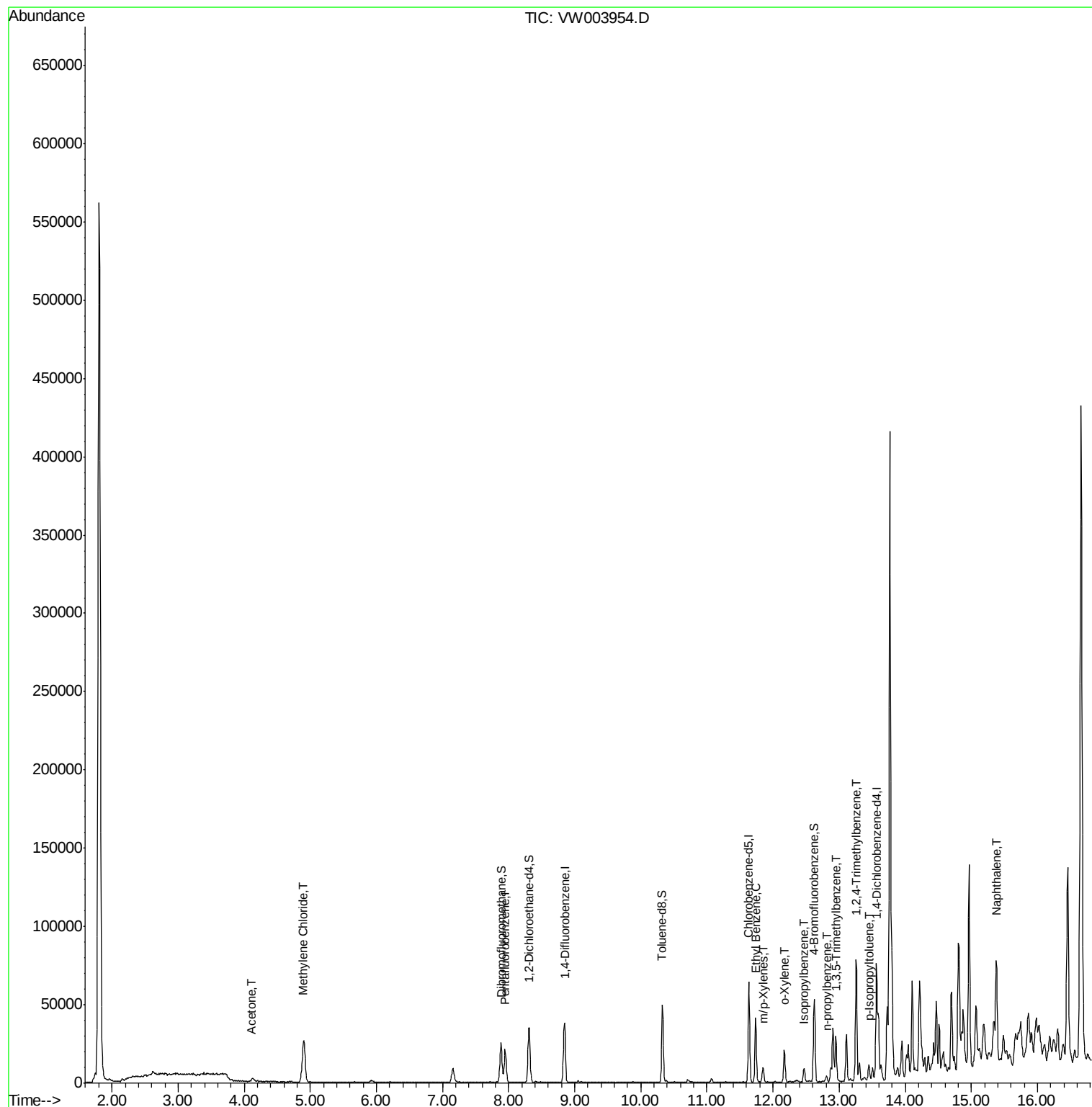
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	3887	97.24	ug/l	89
20) Methylene Chloride	4.90	84	19441	121.38	ug/l	97
67) Ethyl Benzene	11.74	91	26468	21.11	ug/l	97
68) m/p-Xylenes	11.85	106	2386	4.98	ug/l	98
69) o-Xylene	12.17	106	4793	10.78	ug/l	93
73) Isopropylbenzene	12.47	105	5318	4.19	ug/l	95
78) n-propylbenzene	12.81	91	2685	1.72	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	13775	12.89	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	38890	35.38	ug/l	99
86) p-Isopropyltoluene	13.45	119	4006	3.43	ug/l	93
95) Naphthalene	15.38	128	53333	76.10	ug/l	99

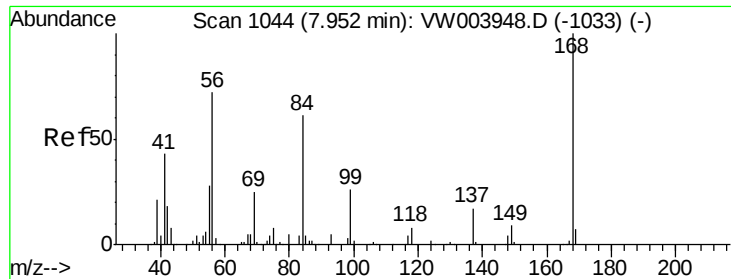
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003954.D

Acq: 16 Jul 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

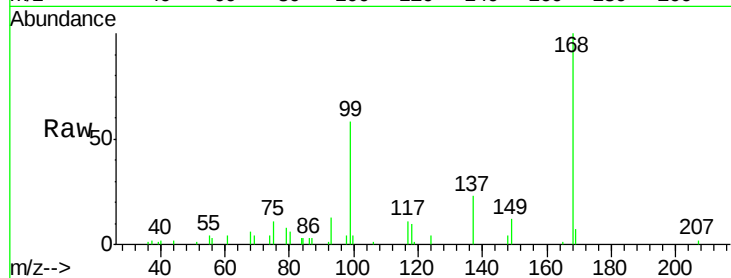
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion:168 Resp: 14881

Ion Ratio Lower Upper

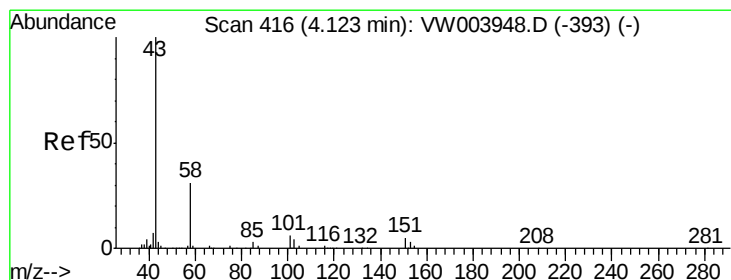
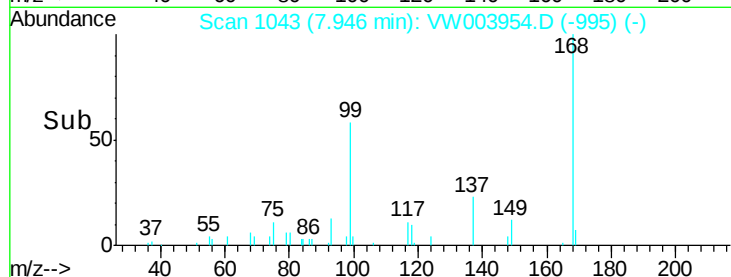
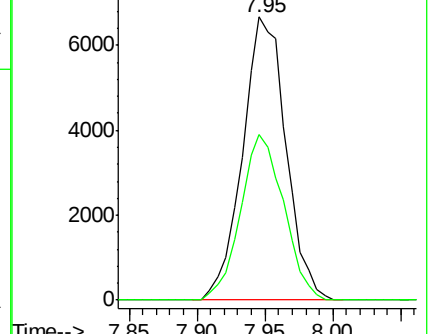
168 100

99 58.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 97.24 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW003954.D

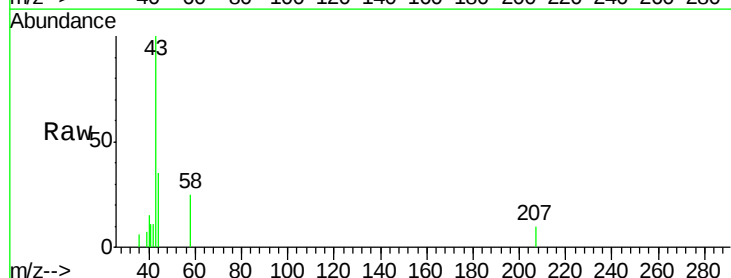
Acq: 16 Jul 2018 16:39

Tgt Ion: 43 Resp: 3887

Ion Ratio Lower Upper

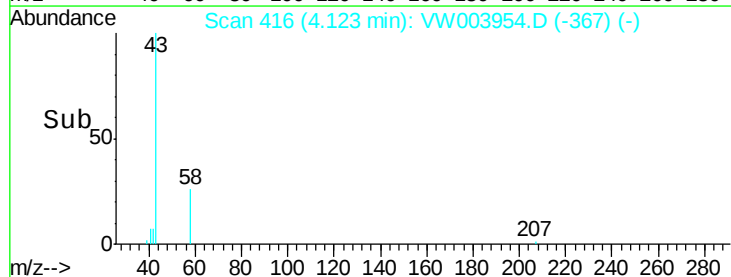
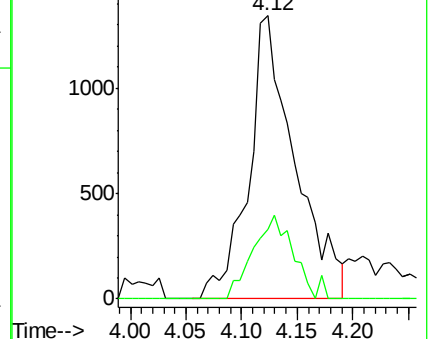
43 100

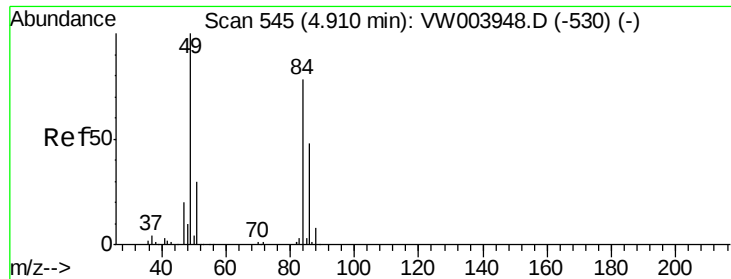
58 24.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

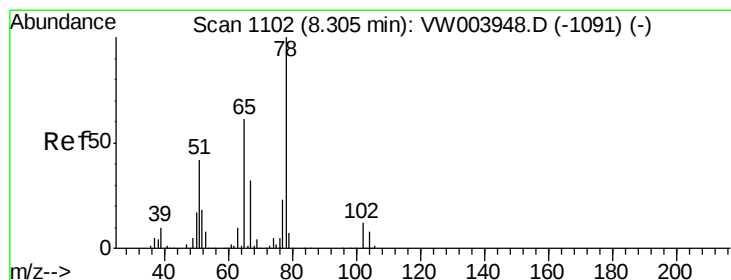
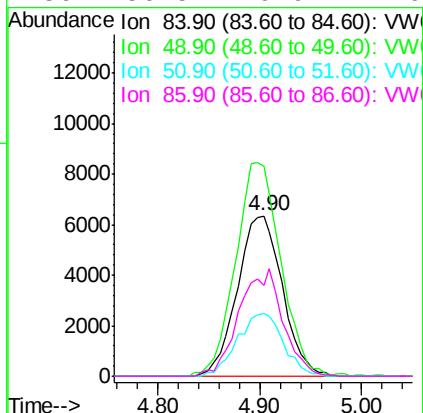
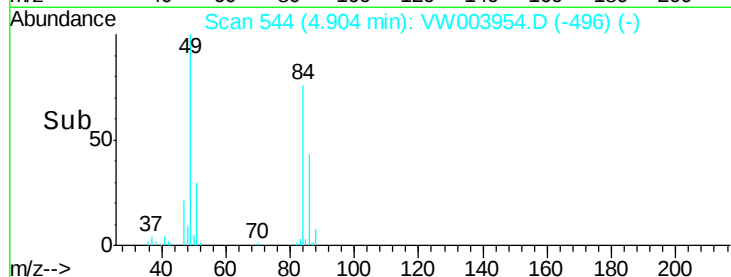
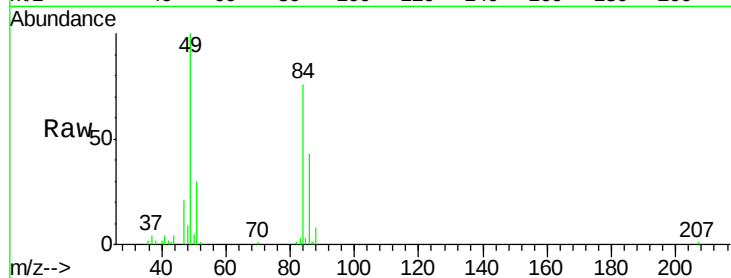




#20
Methvlene Chloride
Concen: 121.38 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

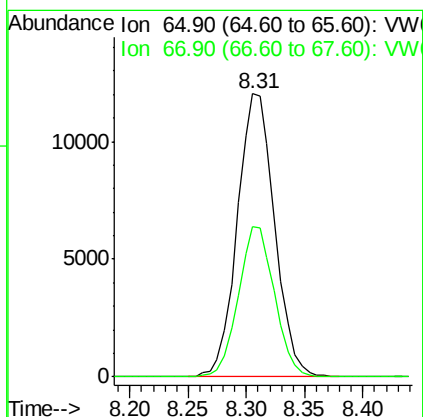
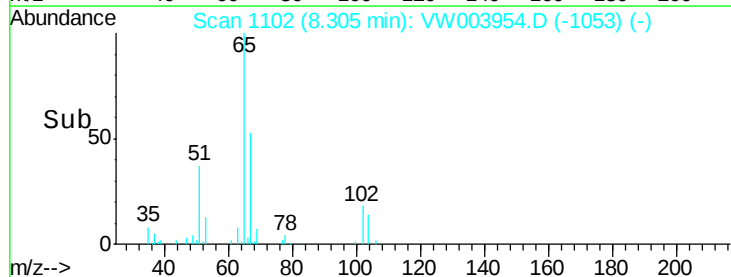
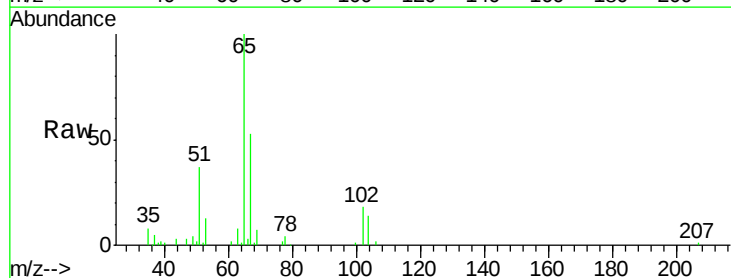
Instrument :
MSVOA_W
ClientSampleId :
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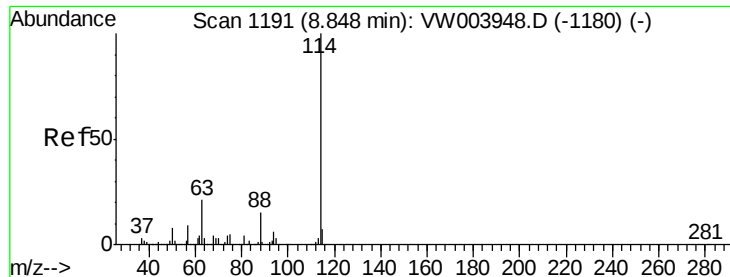
Tot Ion: 84 Resp: 19441
Ion Ratio Lower Upper
84 100
49 130.9 102.9 154.3
51 39.0 30.9 46.3
86 56.5 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 161.39 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

Tgt Ion: 65 Resp: 26846
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0

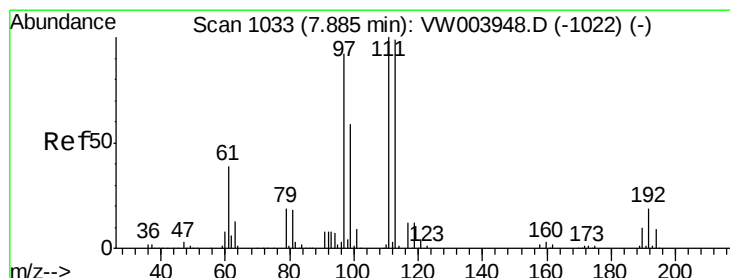
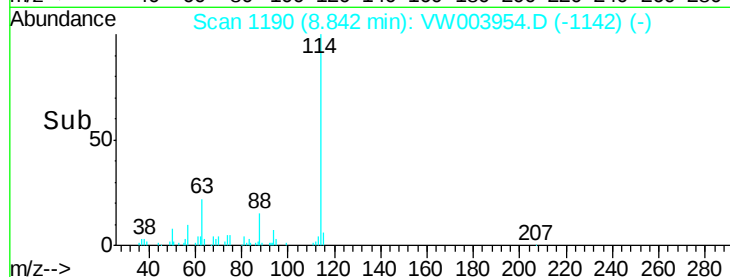
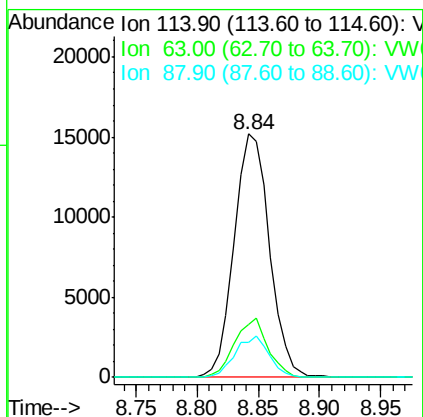
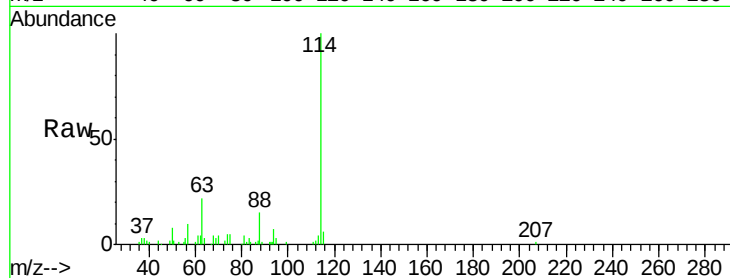




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.84 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

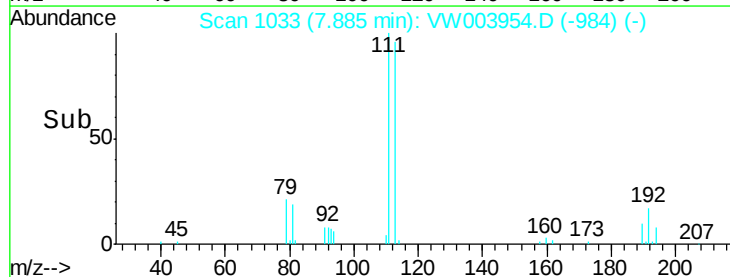
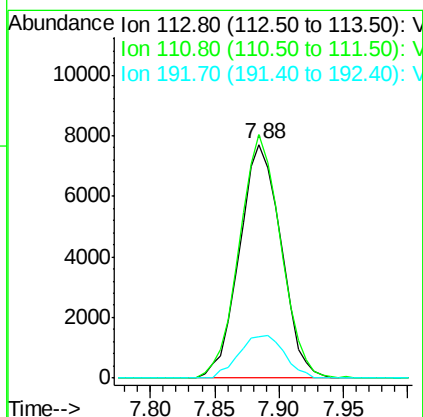
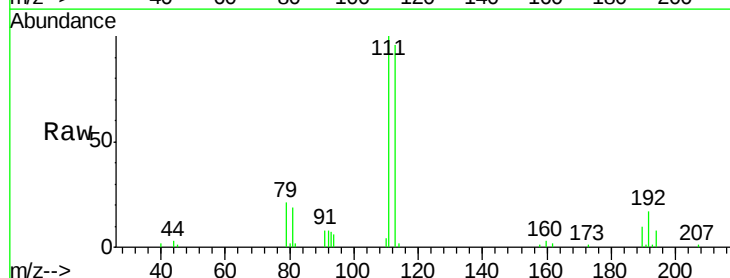
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

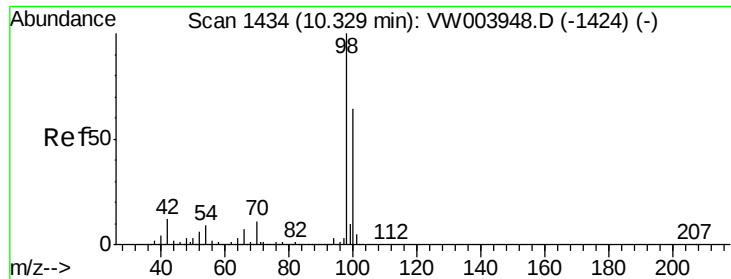
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.8
88	14.6	0.0	30.4



#35
Dibromofluoromethane
Concen: 88.31 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	19.9	15.8	23.6





#50

Toluene-d8

Concen: 43.07 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW003954.D

Acq: 16 Jul 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

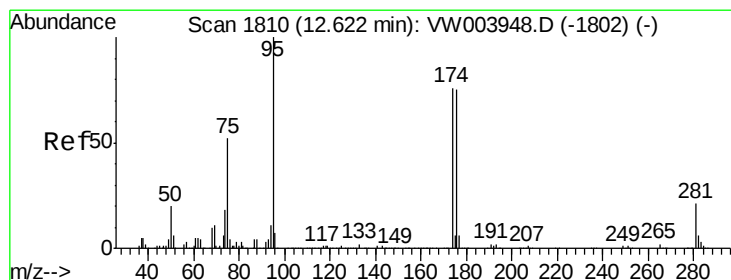
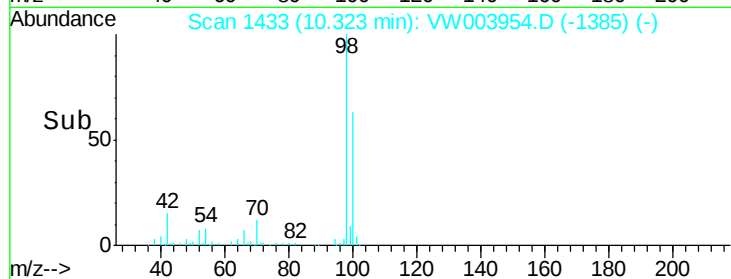
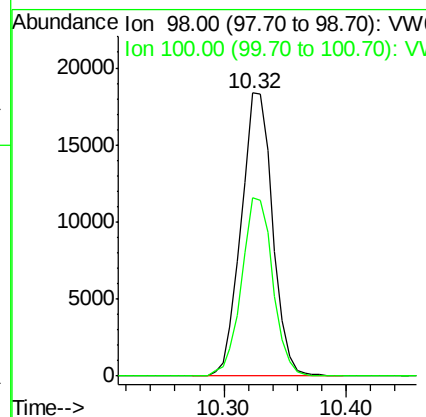
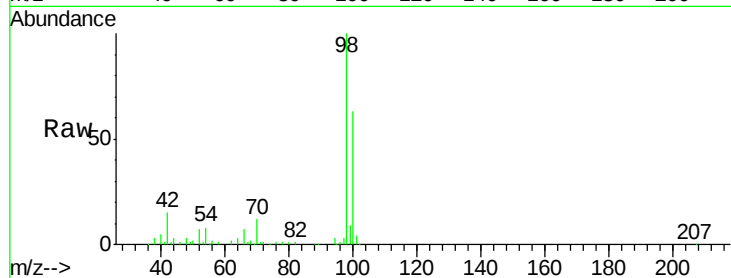
2018-NYSEG-CLARK-ST-PH4-AREA

Tot Ion: 98 Resp: 32710

Ion Ratio Lower Upper

98 100

100 62.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 60.70 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003954.D

Acq: 16 Jul 2018 16:39

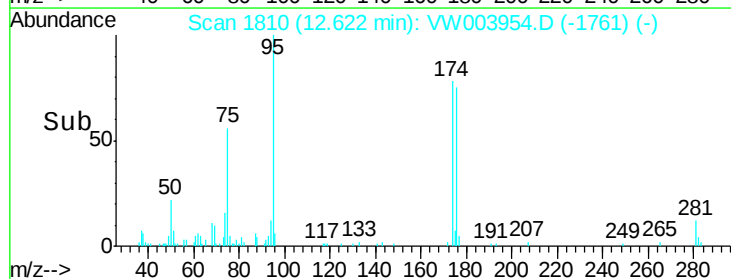
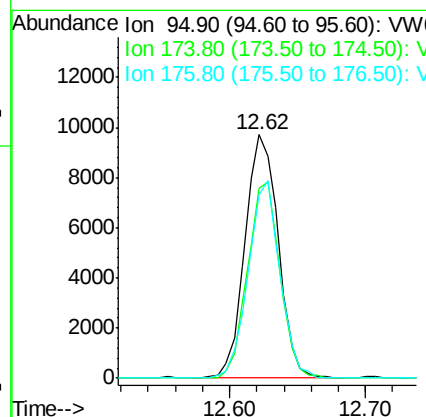
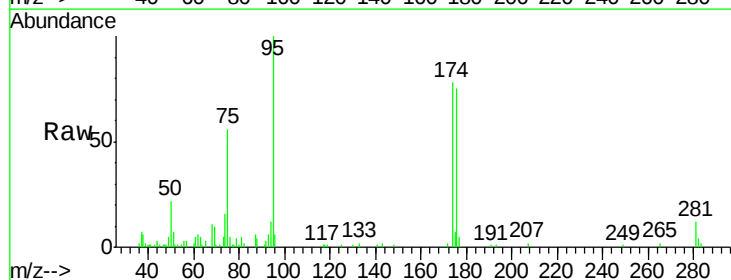
Tgt Ion: 95 Resp: 16622

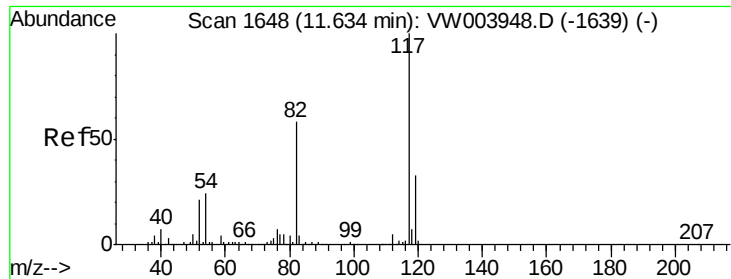
Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.2

176 76.9 0.0 155.8

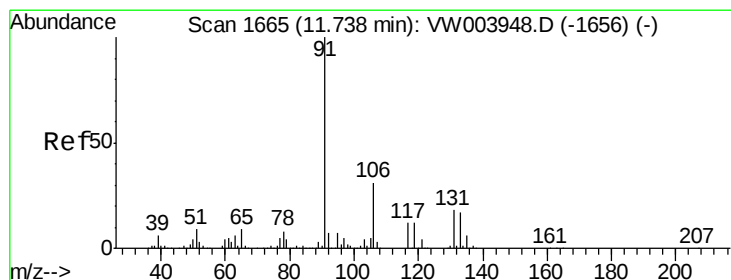
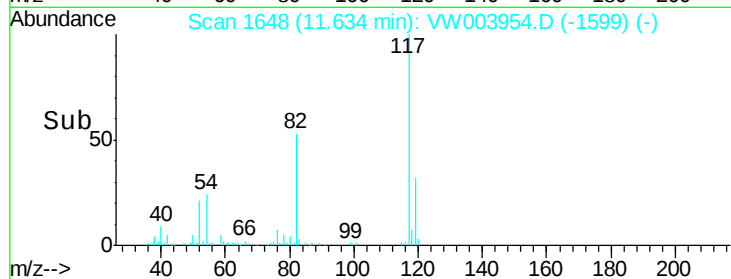
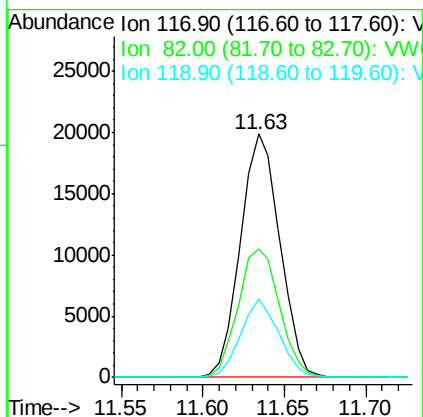
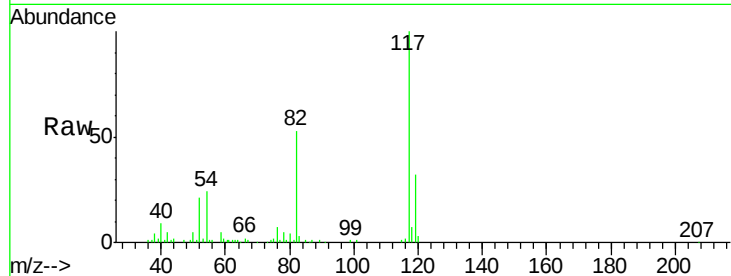




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

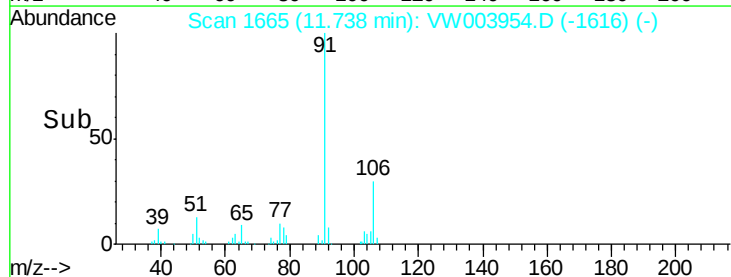
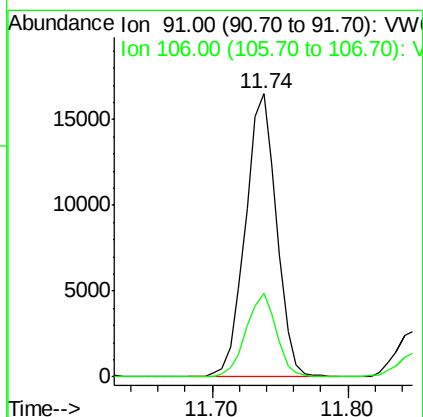
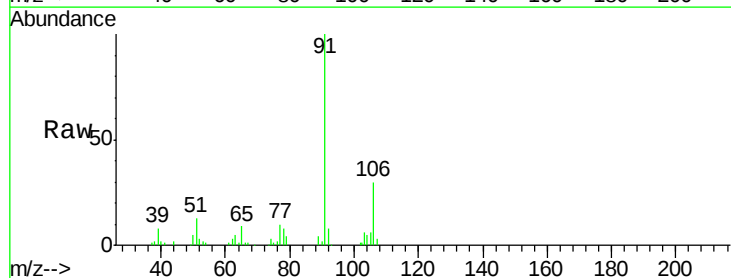
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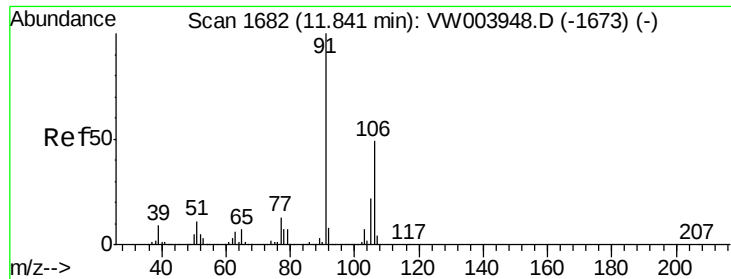
Tot Ion:117 Resp: 33574
Ion Ratio Lower Upper
117 100
82 52.6 46.5 69.7
119 32.0 26.2 39.2



#67
Ethyl Benzene
Concen: 21.11 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

Tgt Ion: 91 Resp: 26468
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.4

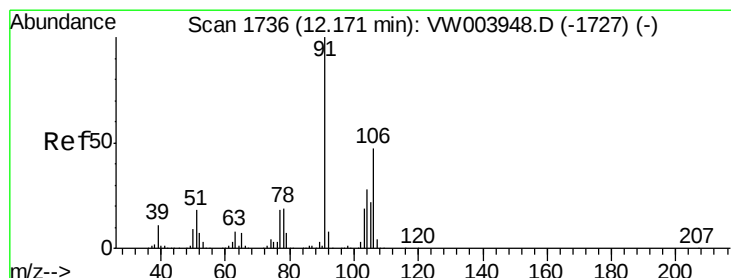
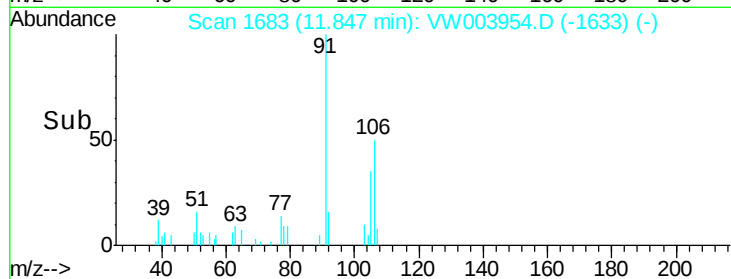
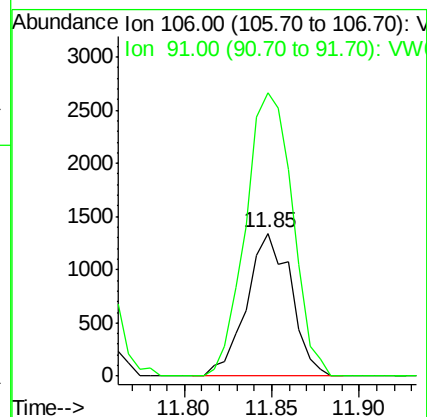
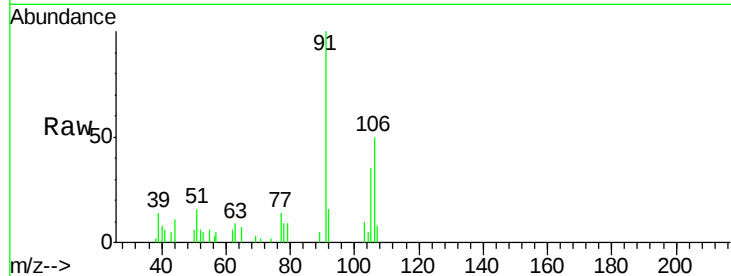




#68
m/p-Xylenes
Concen: 4.98 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

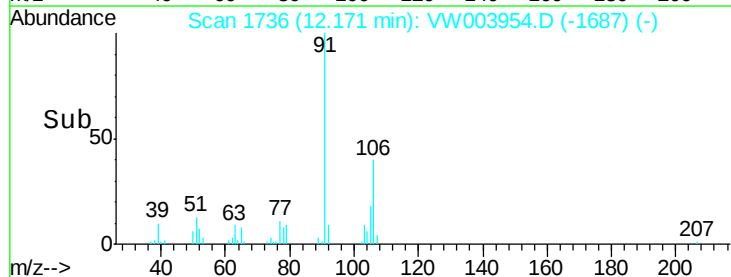
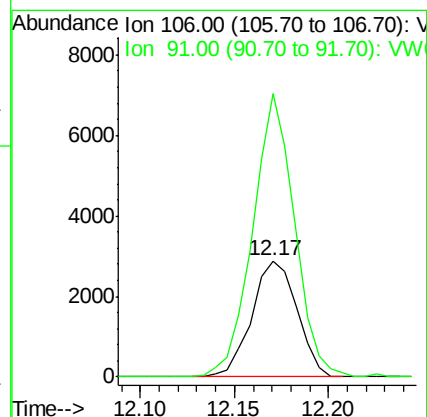
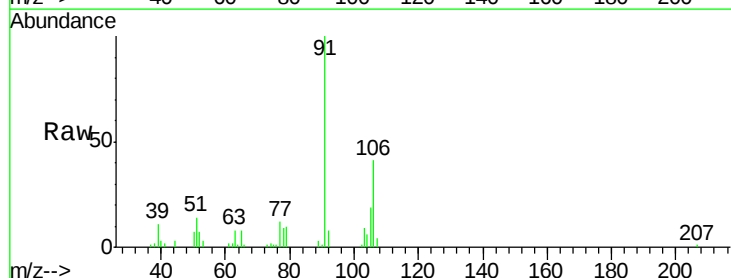
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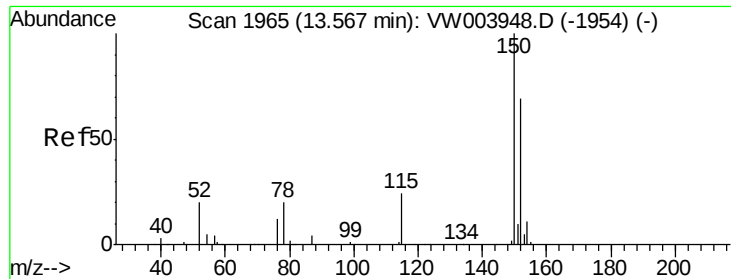
Tot Ion:106 Resp: 2386
Ion Ratio Lower Upper
106 100
91 209.0 164.2 246.2



#69
o-Xylene
Concen: 10.78 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

Tgt Ion:106 Resp: 4793
Ion Ratio Lower Upper
106 100
91 225.7 107.5 322.6



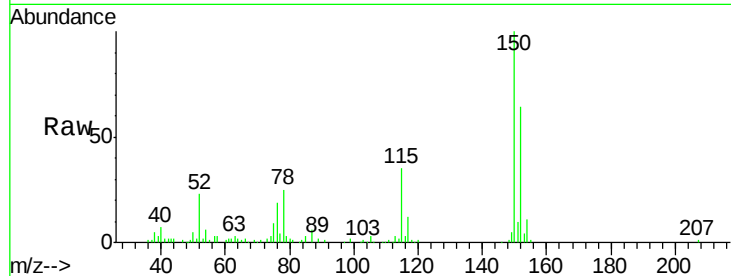


#72

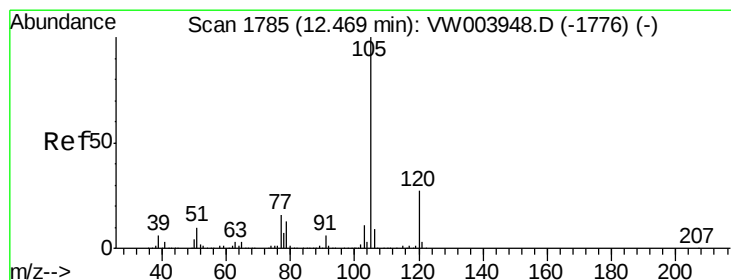
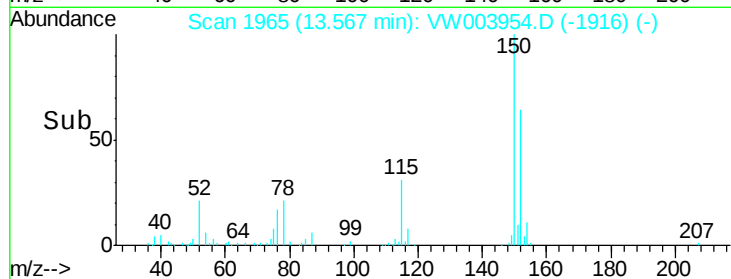
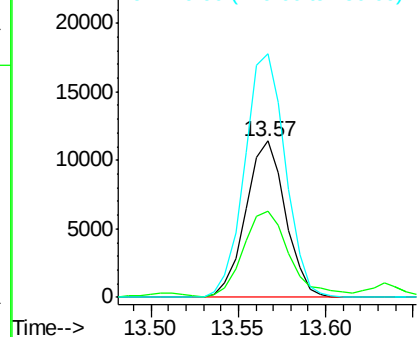
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

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

Tot Ion:152 Resp: 17969
Ion Ratio Lower Upper
152 100
115 63.6 29.2 87.6
150 159.8 0.0 345.2



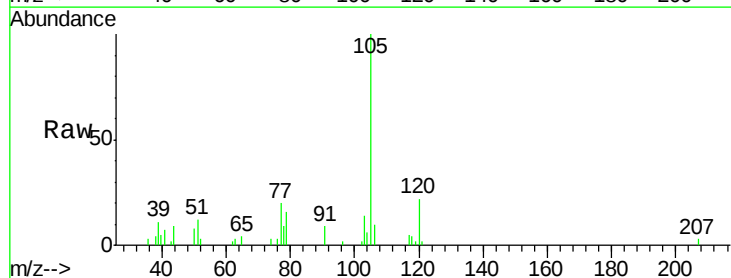
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



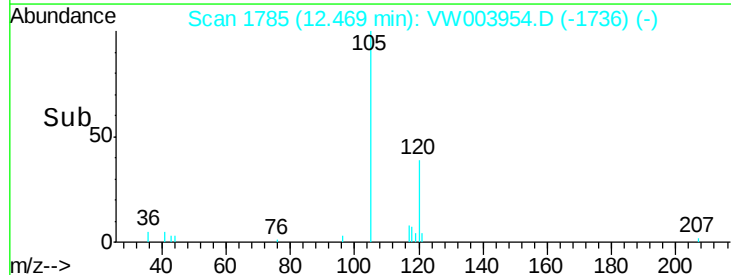
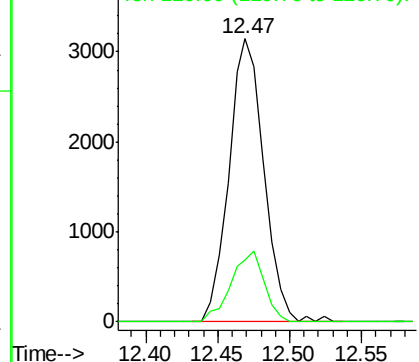
#73

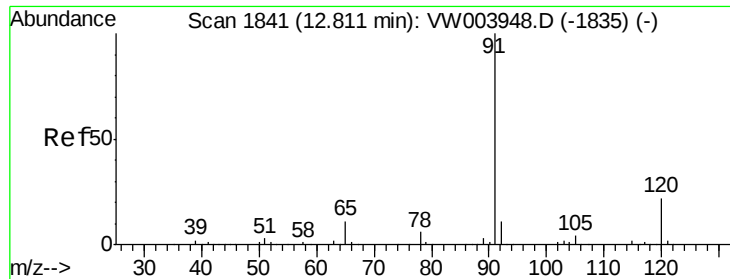
Isopropylbenzene
Concen: 4.19 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003954.D
Acq: 16 Jul 2018 16:39

Tgt Ion:105 Resp: 5318
Ion Ratio Lower Upper
105 100
120 23.9 13.2 39.6



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

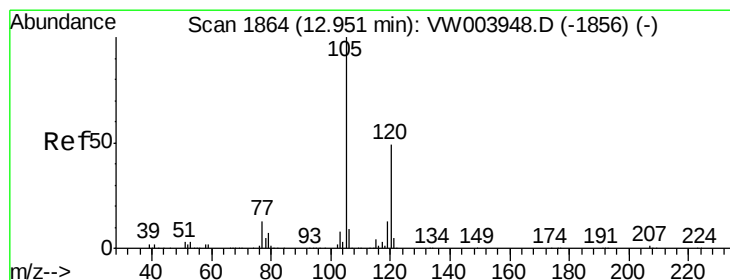
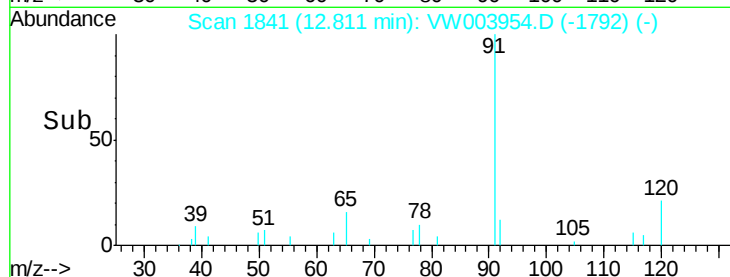
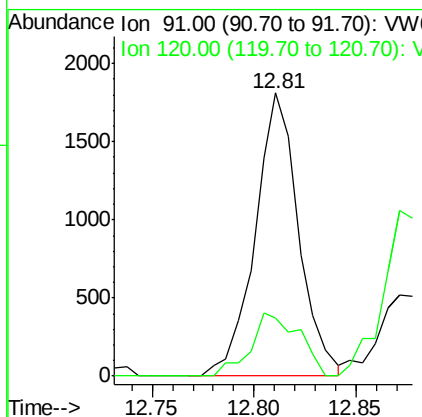
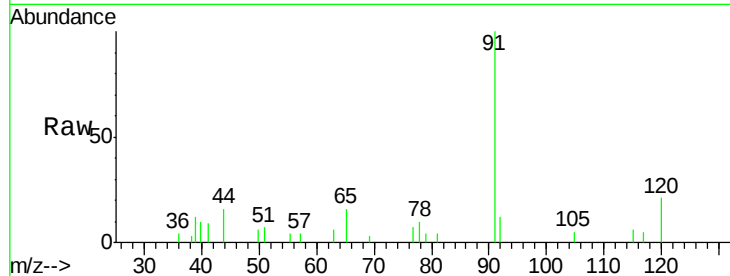




#78
 n-propylbenzene
 Concen: 1.72 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VW003954.D
 Acq: 16 Jul 2018 16:39

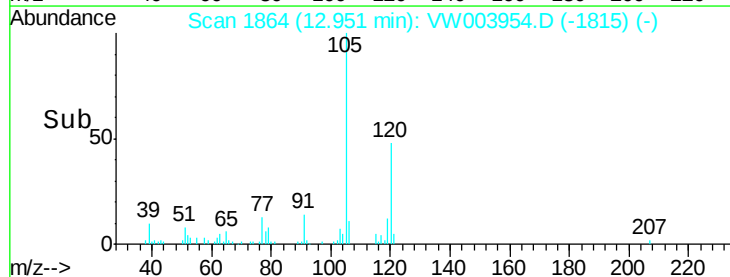
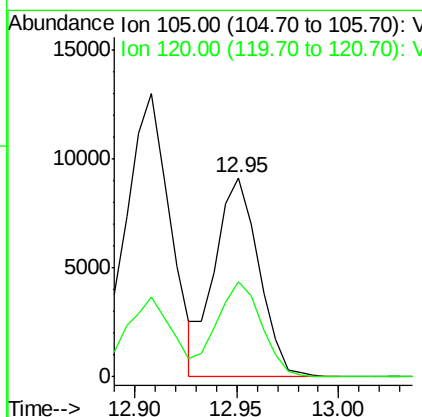
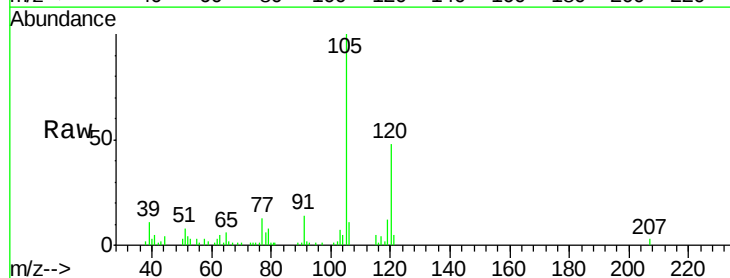
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

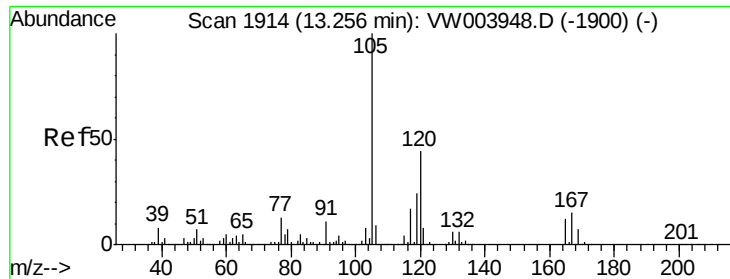
Tot Ion: 91 Resp: 2685
 Ion Ratio Lower Upper
 91 100
 120 24.9 11.2 33.6



#80
 1,3,5-Trimethylbenzene
 Concen: 12.89 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003954.D
 Acq: 16 Jul 2018 16:39

Tgt Ion: 105 Resp: 13775
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2

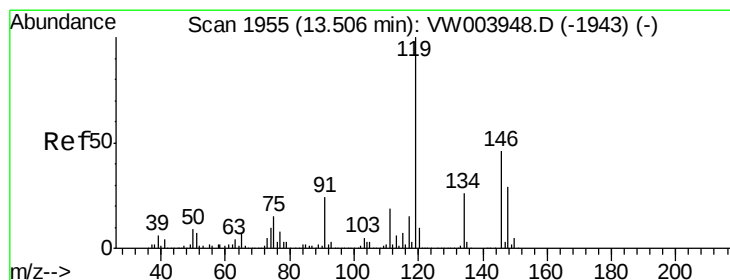
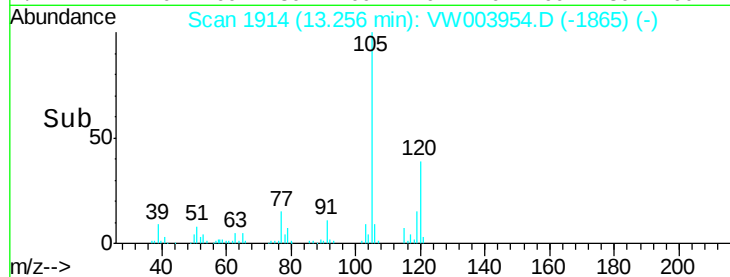
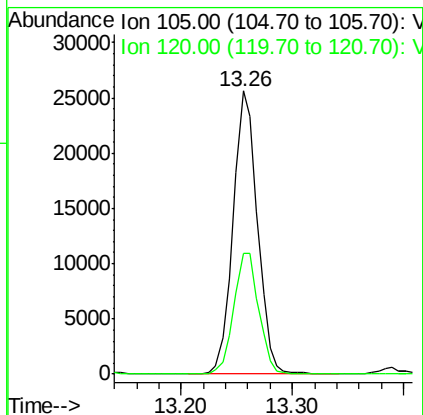
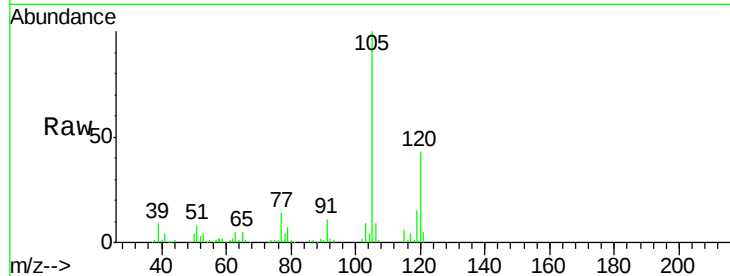




#84
 1,2,4-Trimethylbenzene
 Concen: 35.38 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003954.D
 Acq: 16 Jul 2018 16:39

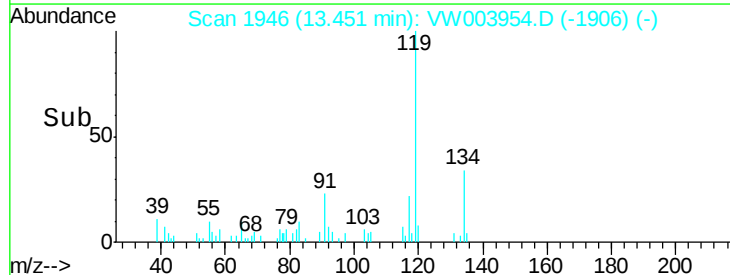
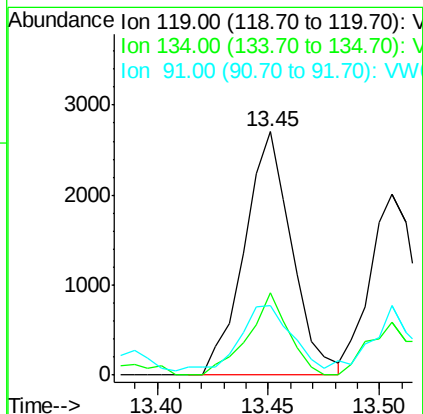
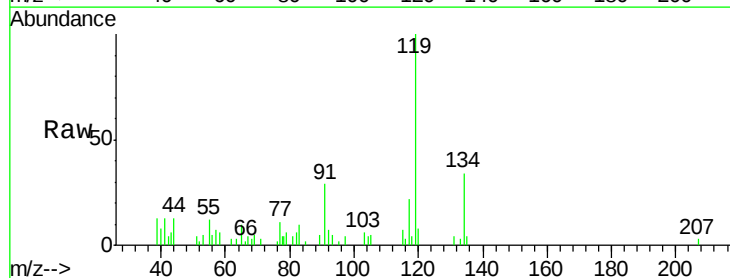
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-ST-PH4-AREA

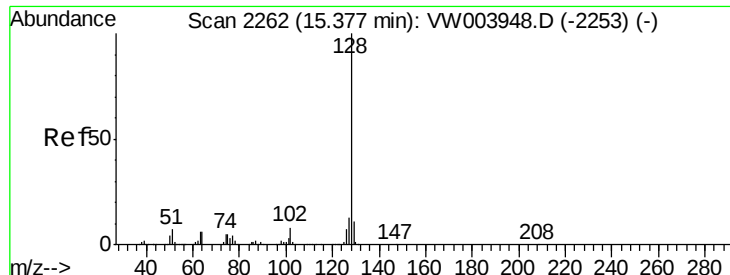
Tot Ion:105 Resp: 38890
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.1



#86
 p-Isopropyltoluene
 Concen: 3.43 ug/l
 RT: 13.45 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VW003954.D
 Acq: 16 Jul 2018 16:39

Tgt Ion:119 Resp: 4006
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.0 38.9
 91 28.3 11.8 35.3





#95

Naphthalene

Concen: 76.10 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003954.D

Acq: 16 Jul 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-ST-PH4-AREA

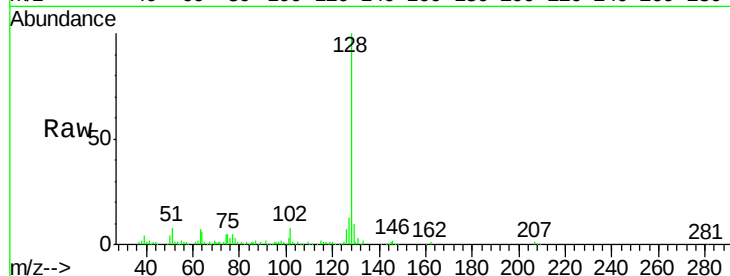
Tot Ion:128 Resp: 53333

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.0 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

