

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004249.D
 Acq On : 27 Jul 2018 03:44
 Operator : SY/AP
 Sample : J4126-05
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11

Quant Time: Jul 27 08:08:58 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	70180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	121995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39661	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	64256	81.91	ug/l	0.00
Spiked Amount			Recovery	=	163.82%	
35) Dibromofluoromethane	7.88	113	50551	64.58	ug/l	0.00
Spiked Amount			Recovery	=	129.16%	
50) Toluene-d8	10.33	98	136739	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
62) 4-Bromofluorobenzene	12.63	95	40929	37.37	ug/l	0.00
Spiked Amount			Recovery	=	74.74%	

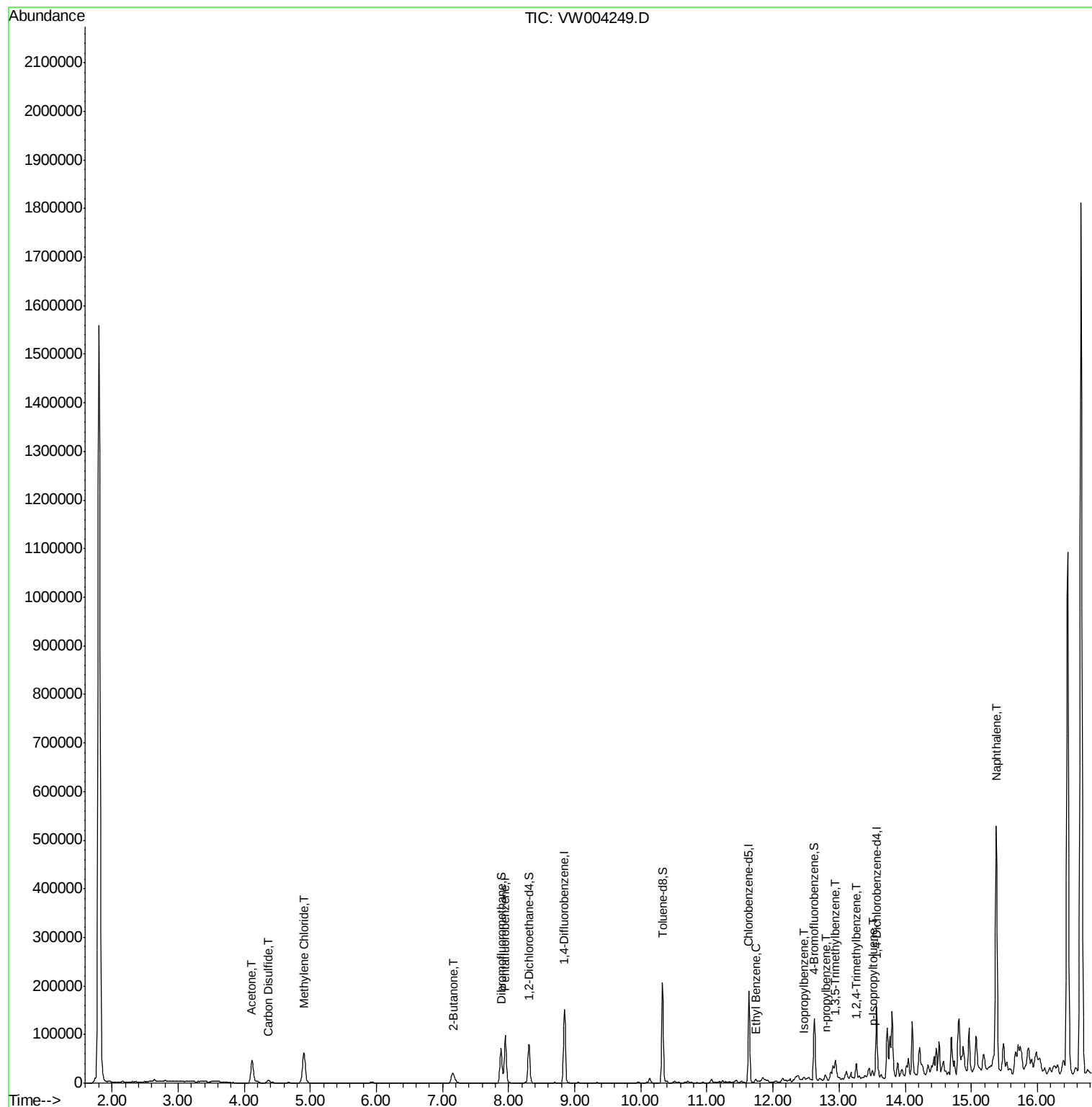
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	82651	438.448	ug/l	95
17) Carbon Disulfide	4.36	76	9669	4.542	ug/l	97
20) Methylene Chloride	4.90	84	45461	55.485	ug/l	98
25) 2-Butanone	7.18	43	16234	63.995	ug/l	95
67) Ethyl Benzene	11.74	91	3875	1.007	ug/l	97
73) Isopropylbenzene	12.47	105	3389	1.209	ug/l	95
78) n-propylbenzene	12.81	91	3748	1.090	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	7846	3.327	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	17515	7.218	ug/l	98
86) p-Isopropyltoluene	13.51	119	6830	2.650	ug/l	97
95) Naphthalene	15.38	128	421351	272.381	ug/l	100

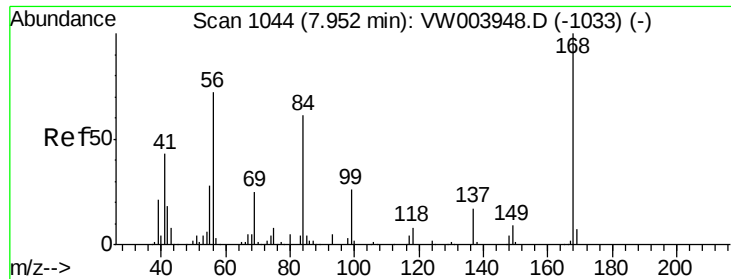
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
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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: VW004249.D

Acq: 27 Jul 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

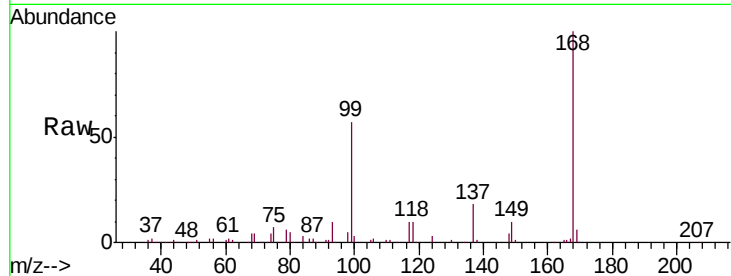
2018-NYSEG-CLARK-AREA-11

Tot Ion:168 Resp: 70180

Ion Ratio Lower Upper

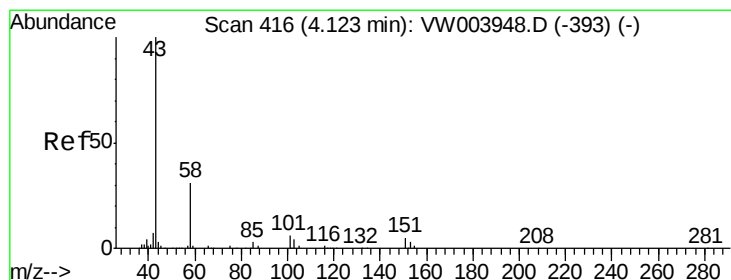
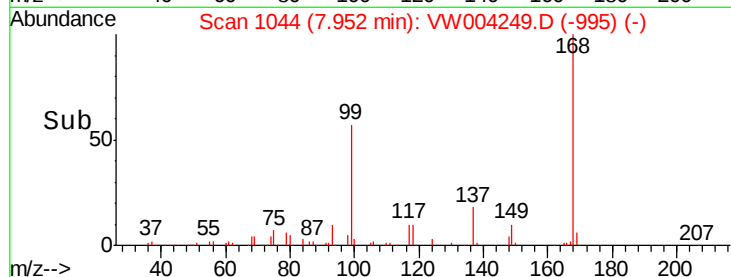
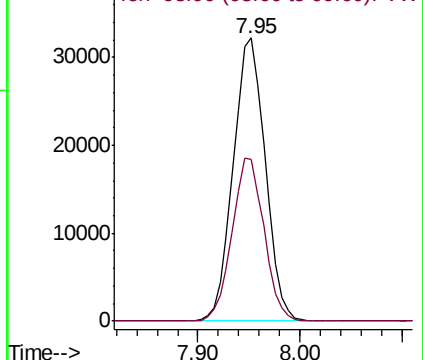
168 100

99 57.2 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: 438.448 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004249.D

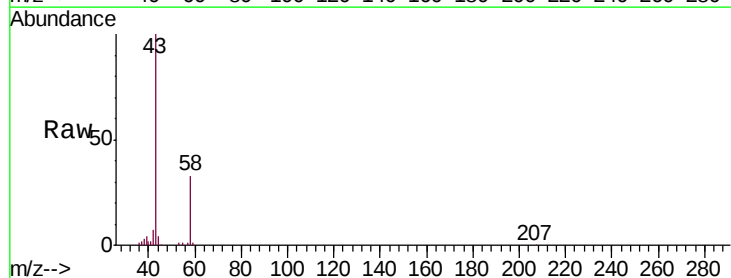
Acq: 27 Jul 2018 03:44

Tgt Ion: 43 Resp: 82651

Ion Ratio Lower Upper

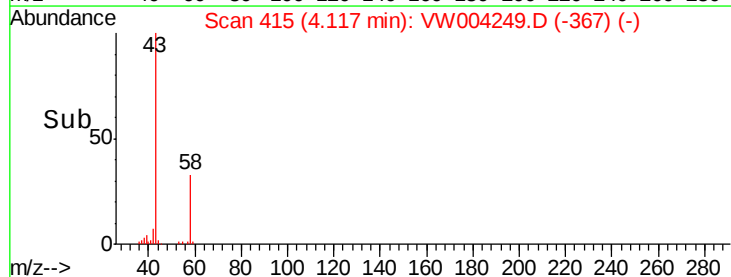
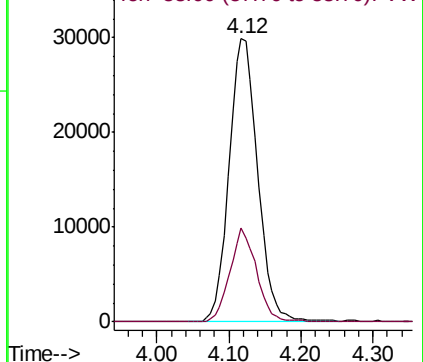
43 100

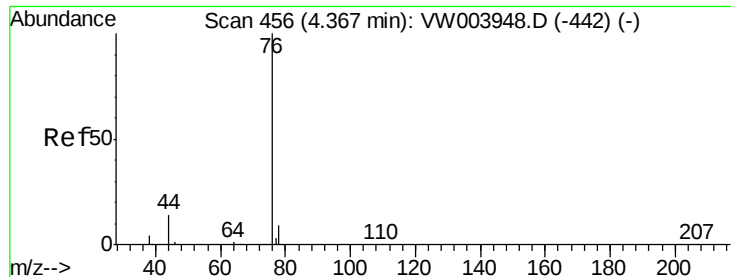
58 33.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

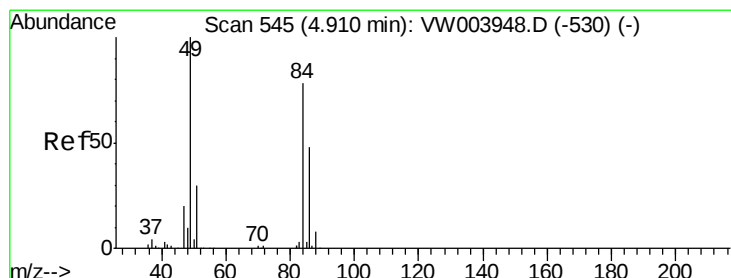
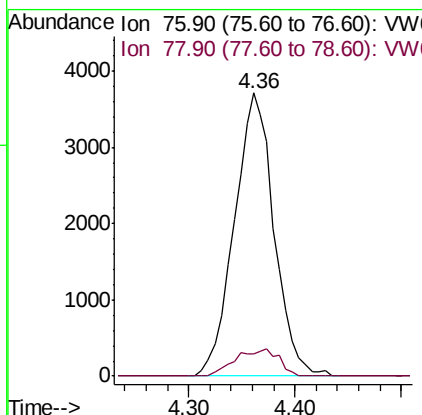
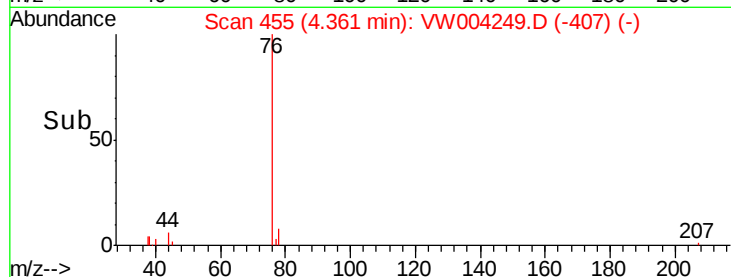
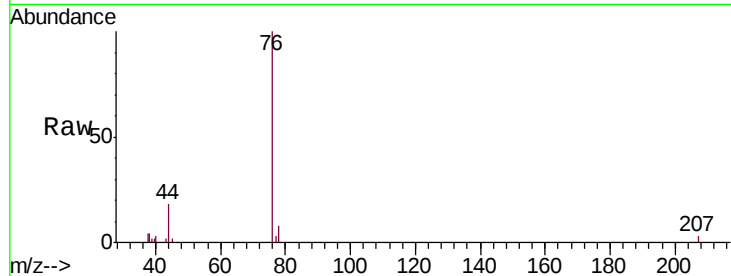




#17
Carbon Disulfide
Concen: 4.542 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

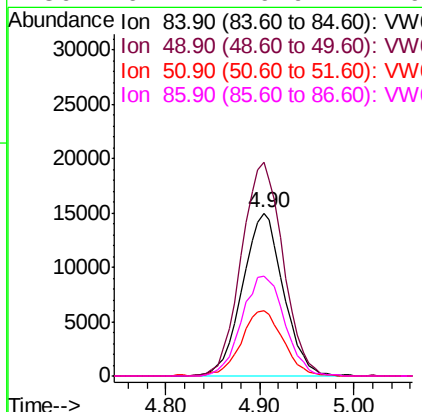
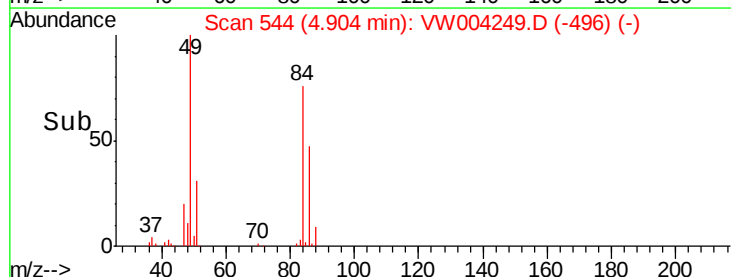
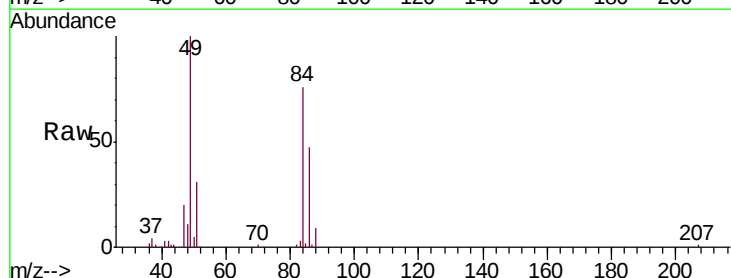
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-11

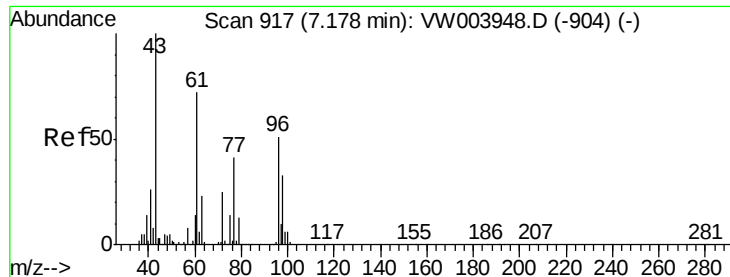
Tot Ion: 76 Resp: 9669
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7



#20
Methylene Chloride
Concen: 55.485 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

Tgt Ion: 84 Resp: 45461
Ion Ratio Lower Upper
84 100
49 131.0 102.9 154.3
51 40.0 30.9 46.3
86 61.1 49.9 74.9





#25

2-Butanone

Concen: 63.995 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004249.D

Acq: 27 Jul 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

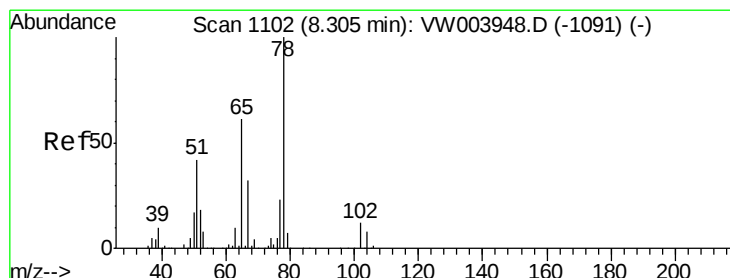
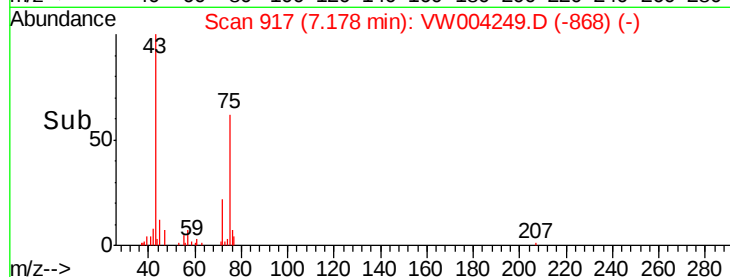
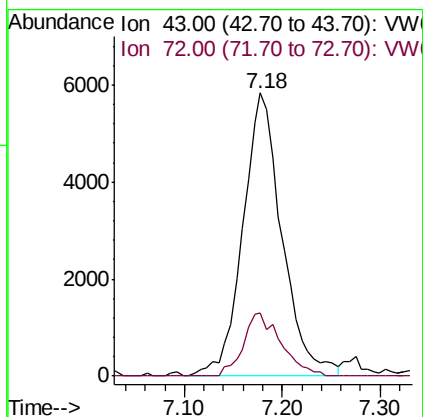
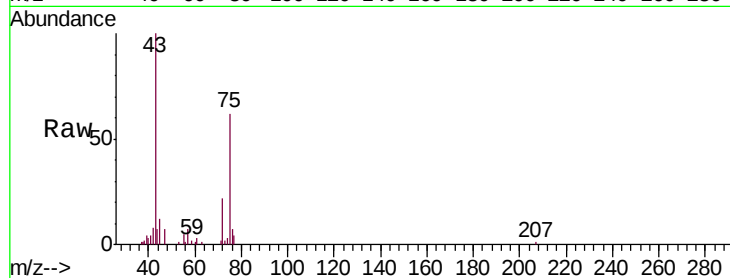
2018-NYSEG-CLARK-AREA-11

Tot Ion: 43 Resp: 16234

Ion Ratio Lower Upper

43 100

72 22.5 19.8 29.6



#33

1,2-Dichloroethane-d4

Concen: 81.910 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW004249.D

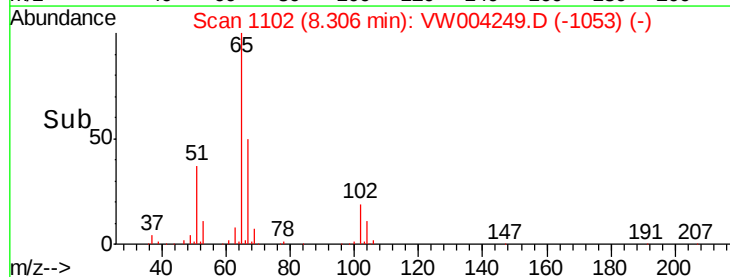
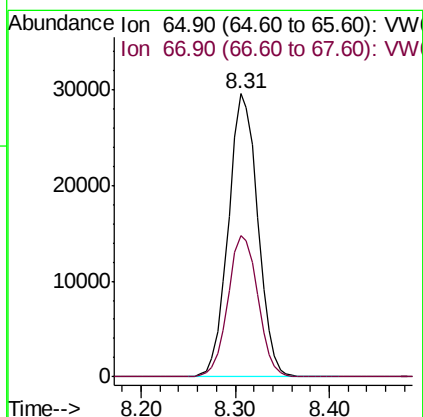
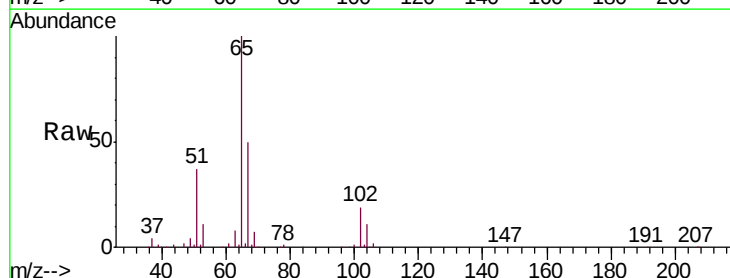
Acq: 27 Jul 2018 03:44

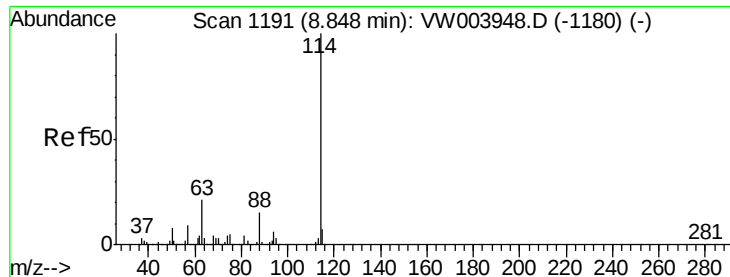
Tgt Ion: 65 Resp: 64256

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.0

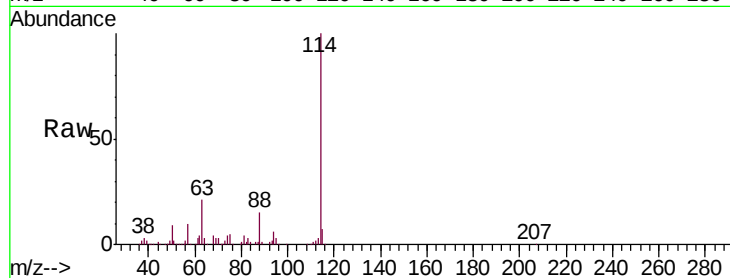




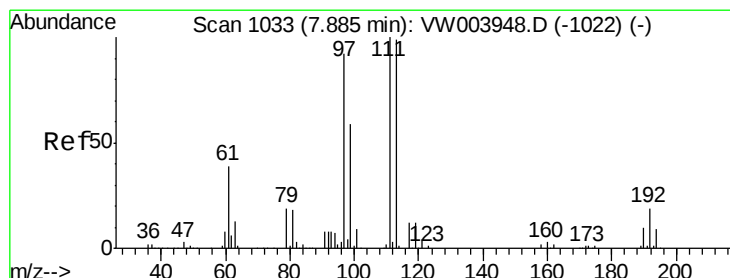
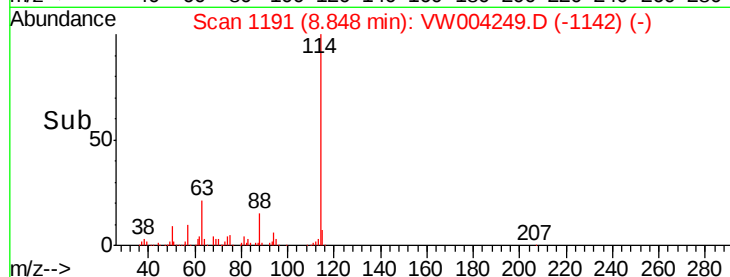
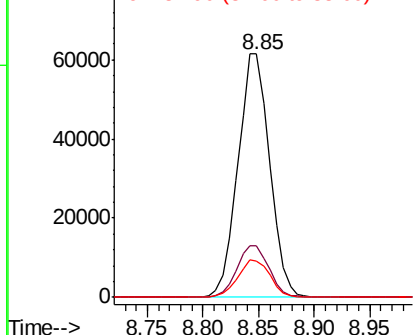
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004249.D
 Acq: 27 Jul 2018 03:44

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion:114 Resp: 121995
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.1 0.0 30.4

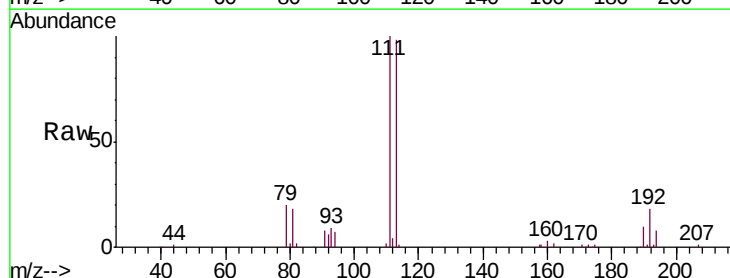


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

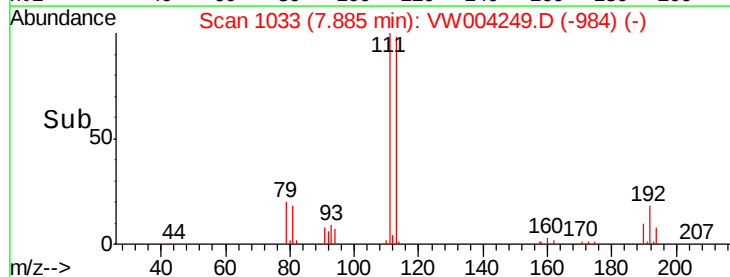
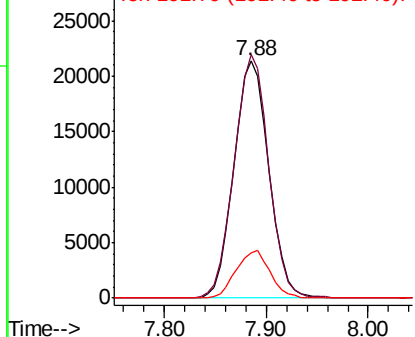


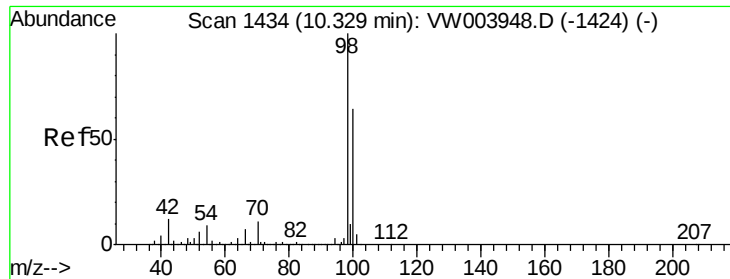
#35
 Dibromofluoromethane
 Concen: 64.581 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004249.D
 Acq: 27 Jul 2018 03:44

Tgt Ion:113 Resp: 50551
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.3 121.9
 192 19.4 15.8 23.6



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





#50

Toluene-d8

Concen: 45.021 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004249.D

Acq: 27 Jul 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

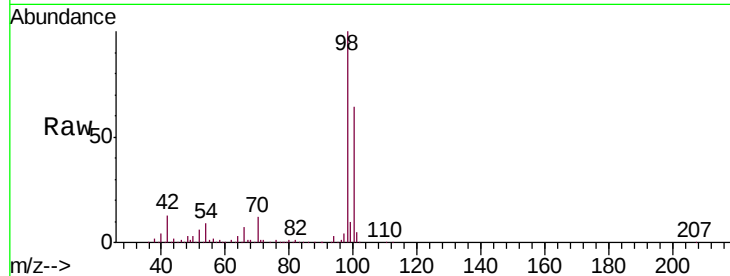
2018-NYSEG-CLARK-AREA-11

Tot Ion: 98 Resp: 136739

Ion Ratio Lower Upper

98 100

100 62.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

80000

60000

40000

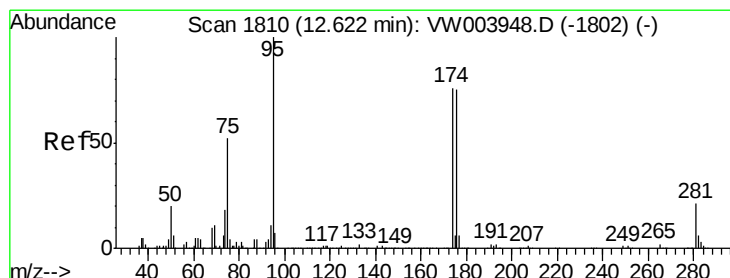
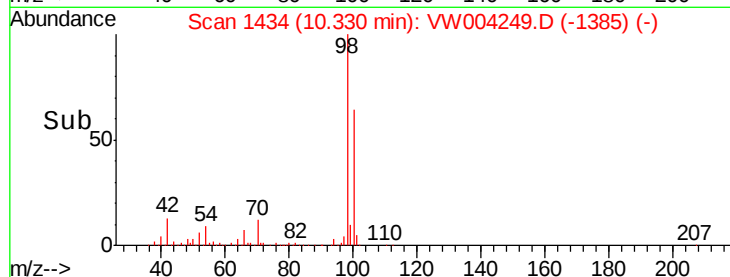
20000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 37.370 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004249.D

Acq: 27 Jul 2018 03:44

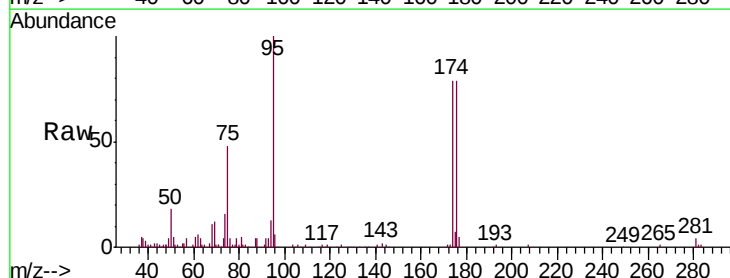
Tgt Ion: 95 Resp: 40929

Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.2

176 77.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

30000

20000

10000

0

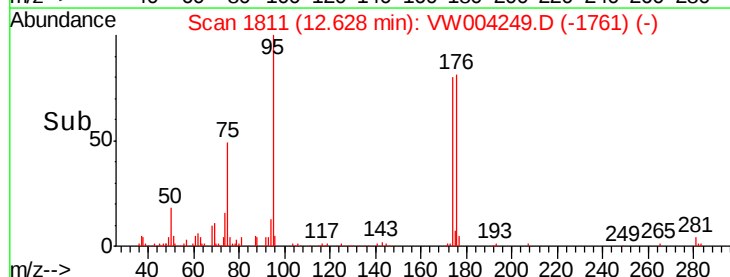
12.55

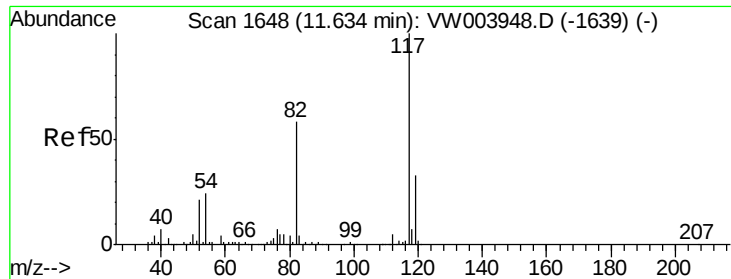
12.60

12.65

12.70

Time-->

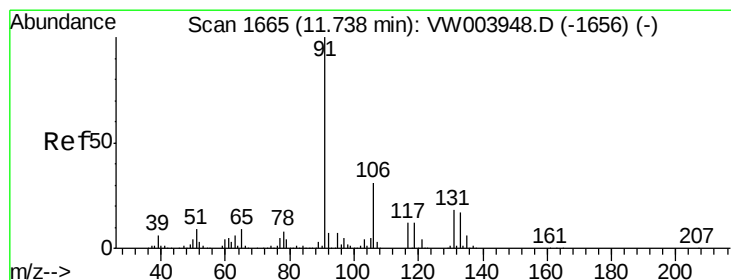
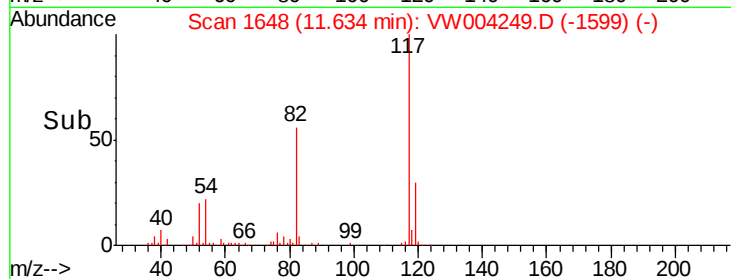
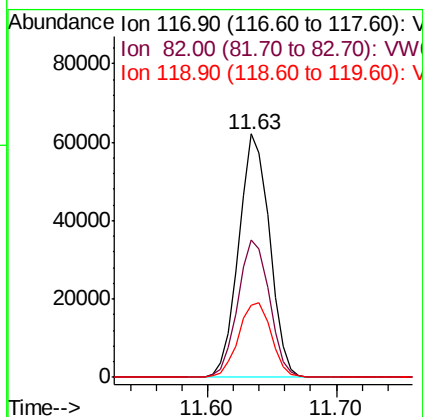
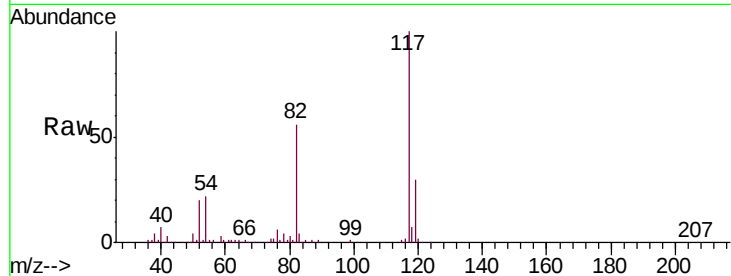




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

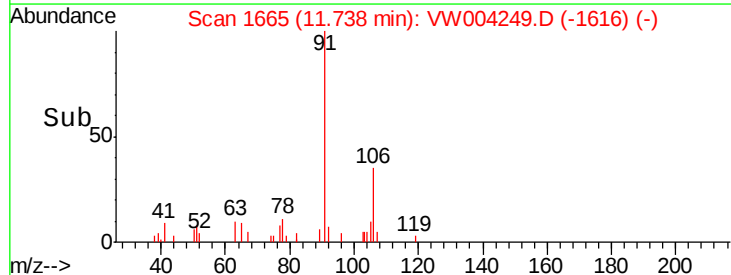
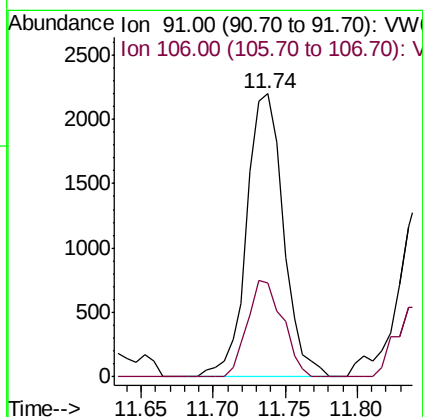
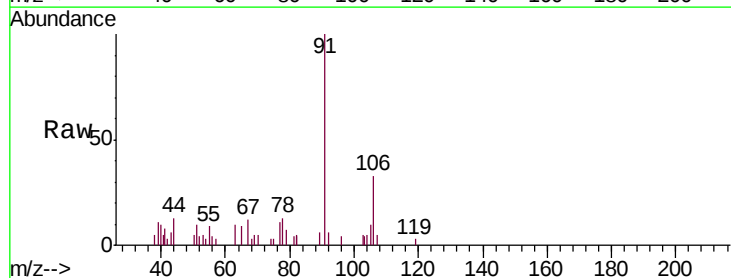
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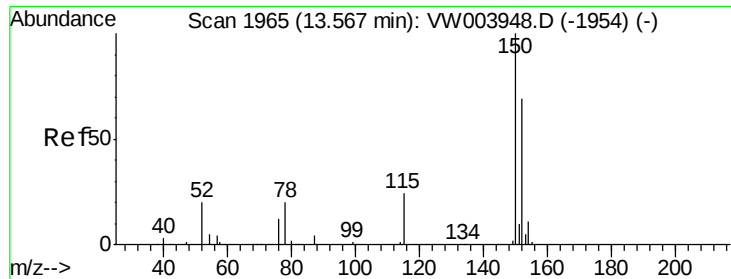
Tot Ion:117 Resp: 103055
Ion Ratio Lower Upper
117 100
82 56.3 46.5 69.7
119 29.8 26.2 39.2



#67
Ethyl Benzene
Concen: 1.007 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

Tgt Ion: 91 Resp: 3875
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.4



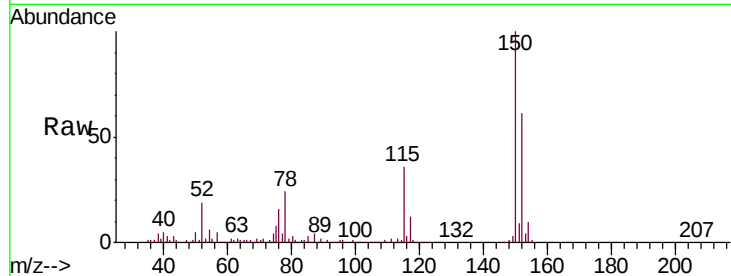


#72

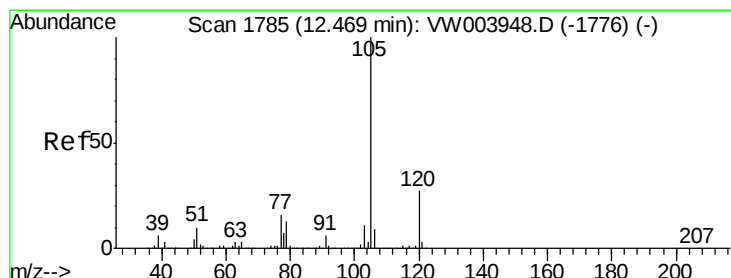
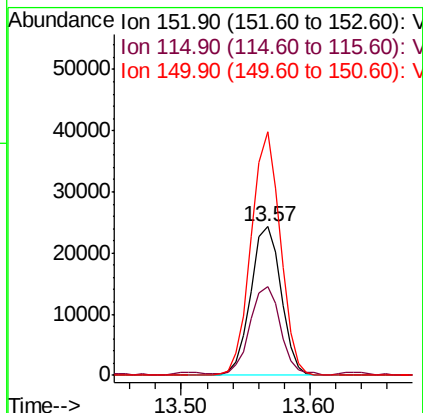
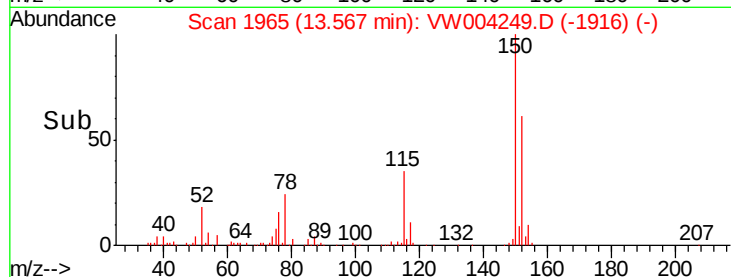
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

Instrument :
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Tot Ion:152 Resp: 39661
Ion Ratio Lower Upper
152 100
115 58.9 29.2 87.6
150 156.5 0.0 345.2



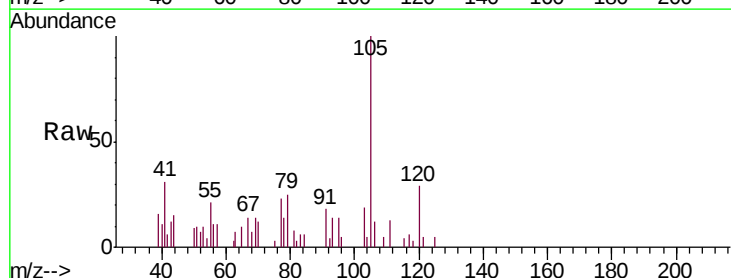
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



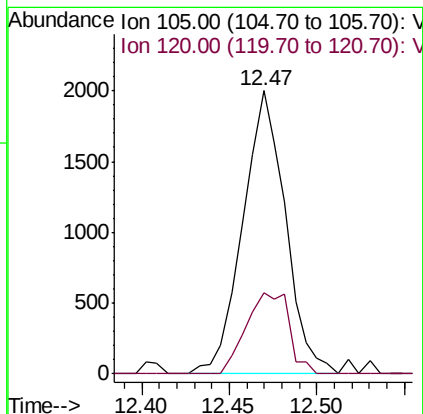
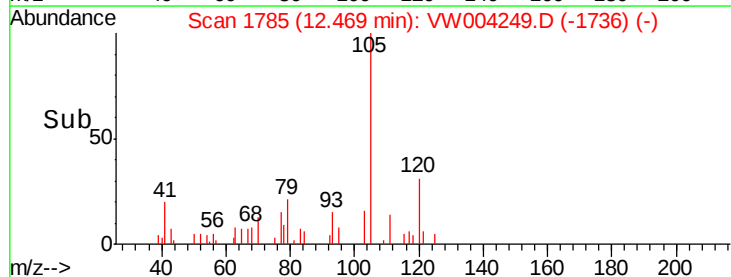
#73

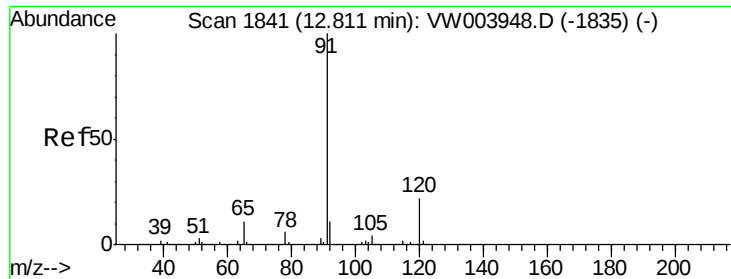
Isopropylbenzene
Concen: 1.209 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

Tgt Ion:105 Resp: 3389
Ion Ratio Lower Upper
105 100
120 29.0 13.2 39.6



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

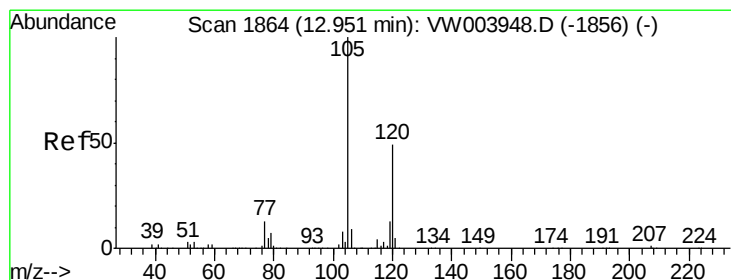
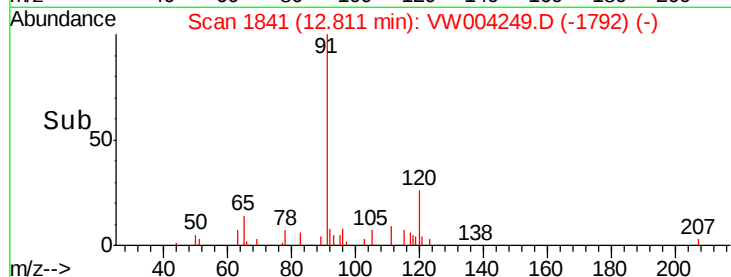
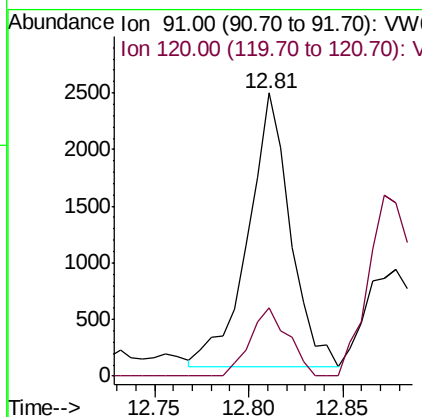
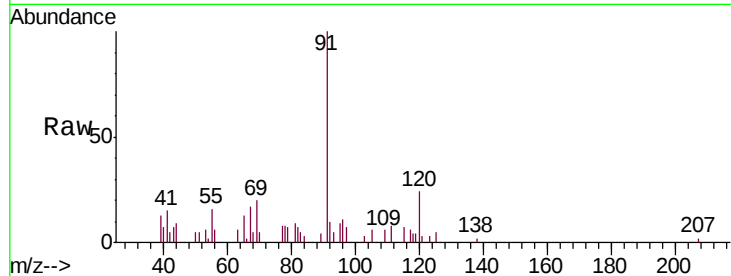




#78
 n-propylbenzene
 Concen: 1.090 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VW004249.D
 Acq: 27 Jul 2018 03:44

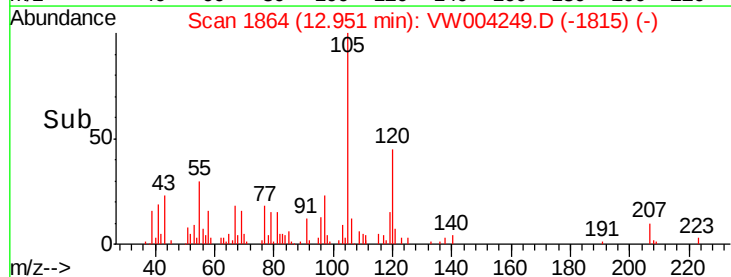
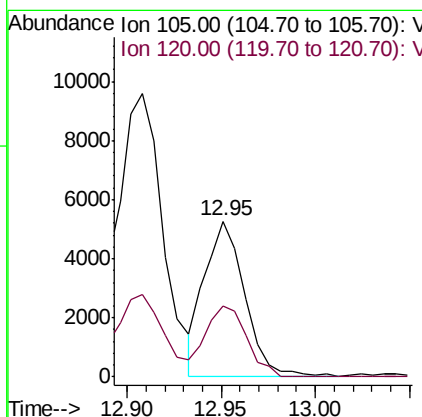
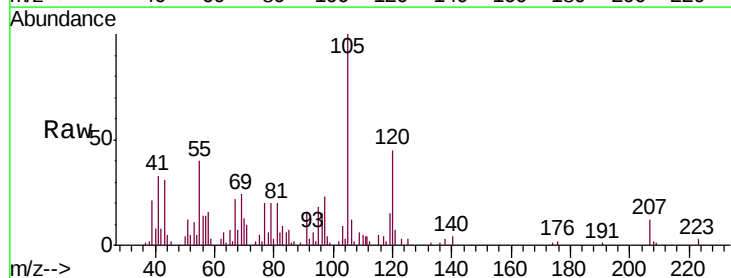
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11

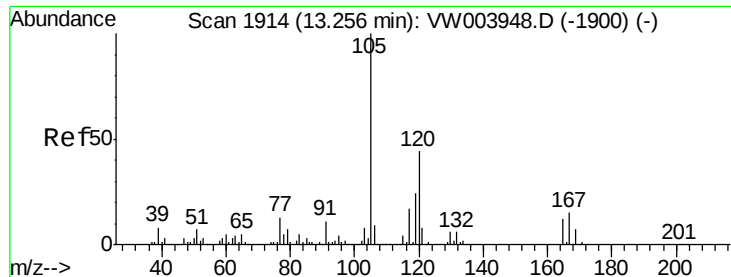
Tot Ion: 91 Resp: 3748
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.2 33.6



#80
 1,3,5-Trimethylbenzene
 Concen: 3.327 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004249.D
 Acq: 27 Jul 2018 03:44

Tgt Ion: 105 Resp: 7846
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.4 73.2

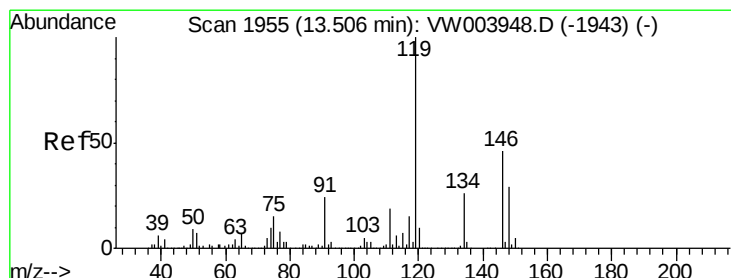
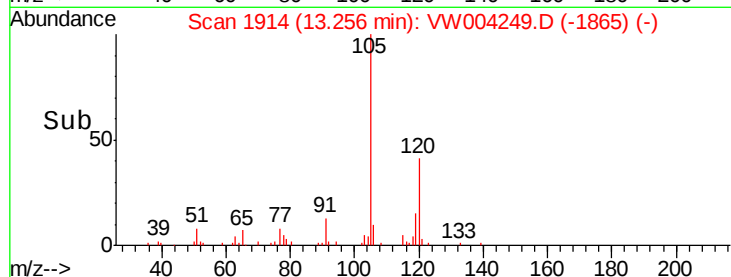
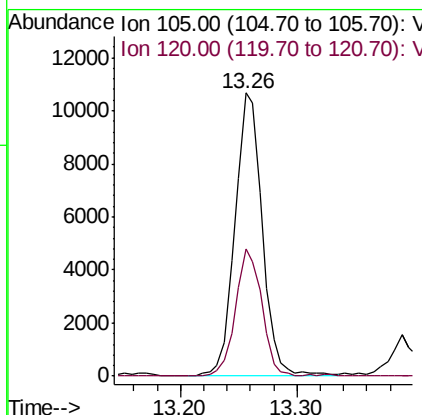
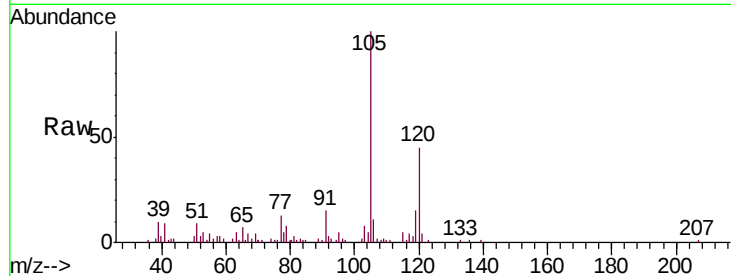




#84
 1,2,4-Trimethylbenzene
 Concen: 7.218 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004249.D
 Acq: 27 Jul 2018 03:44

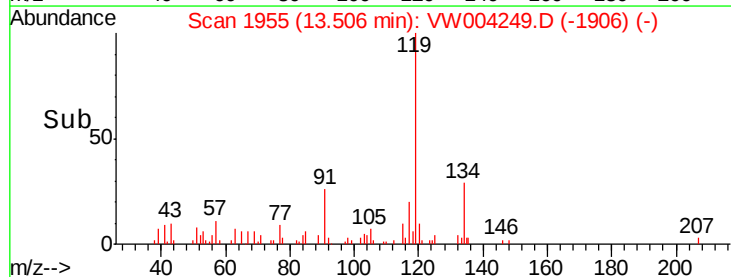
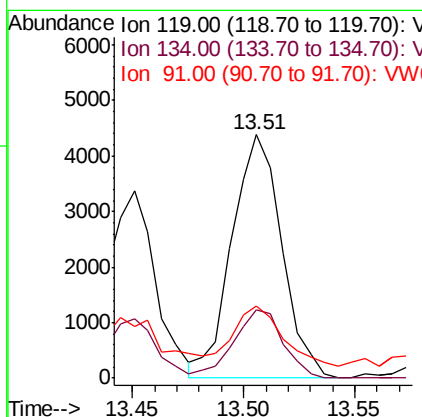
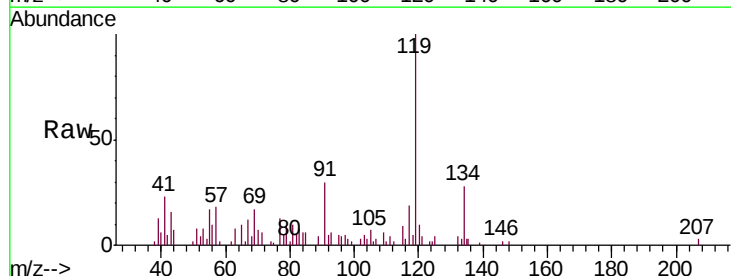
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11

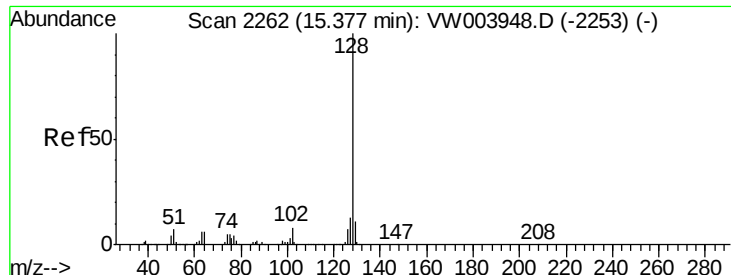
Tot Ion:105 Resp: 17515
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.1 66.1



#86
 p-Isopropyltoluene
 Concen: 2.650 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004249.D
 Acq: 27 Jul 2018 03:44

Tgt Ion:119 Resp: 6830
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.0 38.9
 91 24.3 11.8 35.3

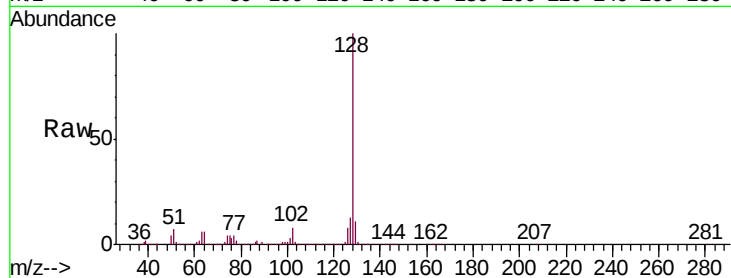




#95
Naphthalene
Concen: 272.381 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004249.D
Acq: 27 Jul 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-11

Tot Ion:128 Resp: 421351
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.2 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

