

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004602.D
 Acq On : 10 Aug 2018 17:24
 Operator : SY/AP
 Sample : J4409-05
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10C

Quant Time: Aug 11 01:01:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	528768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	928693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	630243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162890	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	319953	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
35) Dibromofluoromethane	7.88	113	293530	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	10.33	98	876236	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	
62) 4-Bromofluorobenzene	12.62	95	189982	22.34	ug/l	0.00
Spiked Amount			Recovery	=	44.68%	

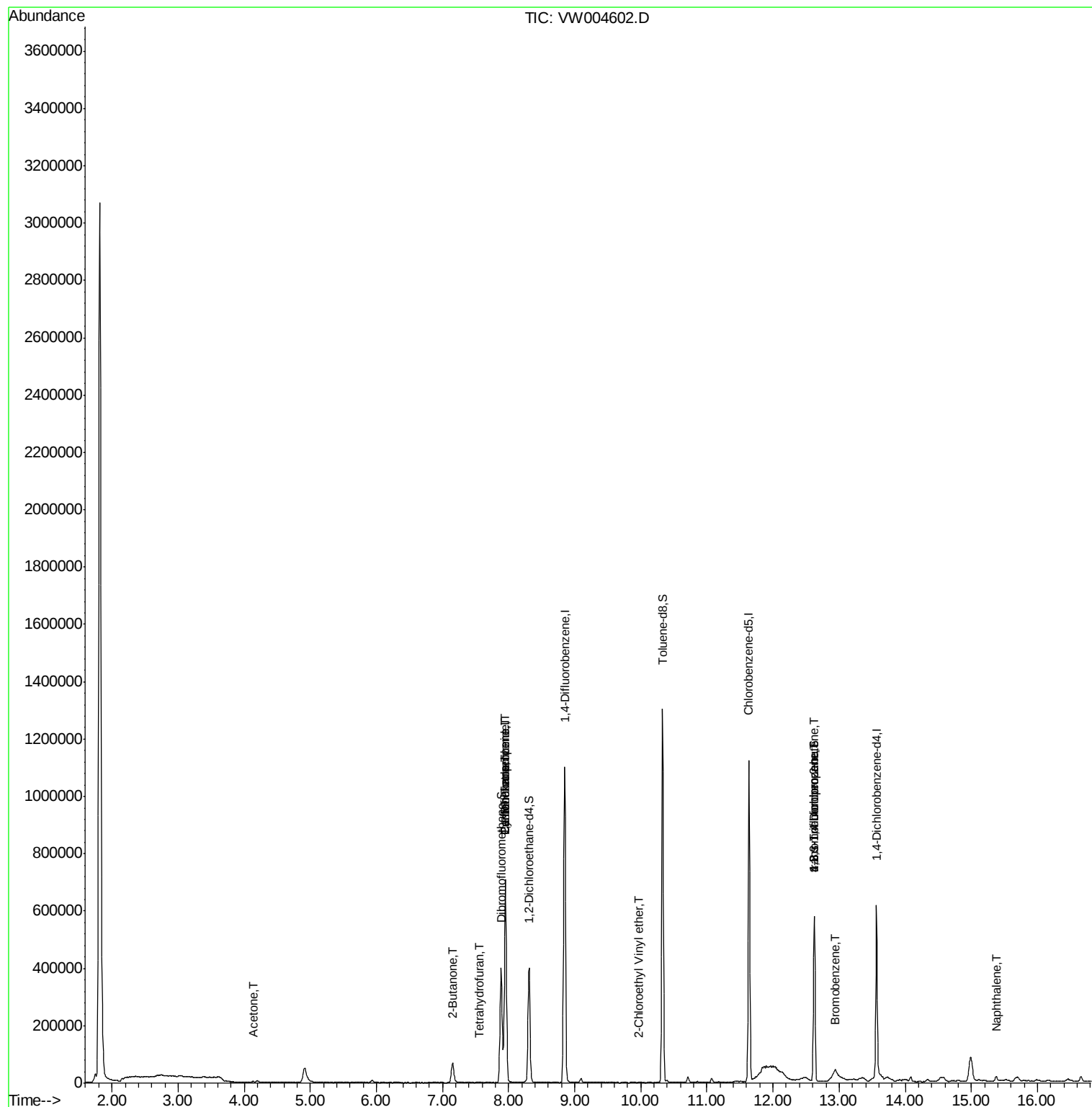
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5005	3.424	ug/l #	79
20) Methylene Chloride	4.91	84	50275	Below Cal		99
25) 2-Butanone	7.15	43	3528	1.500	ug/l #	77
29) Tetrahydrofuran	7.54	42	1244	1.023	ug/l #	76
31) Cyclohexane	7.95	56	14281	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	41148	4.115	ug/l #	49
38) Carbon Tetrachloride	7.95	117	50154	5.574	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.97	63	58	8.960	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	91473	54.269	ug/l #	100
77) Bromobenzene	12.94	156	10488	3.847	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	91473	129.913	ug/l #	13
95) Naphthalene	15.38	128	15093	4.867	ug/l #	95

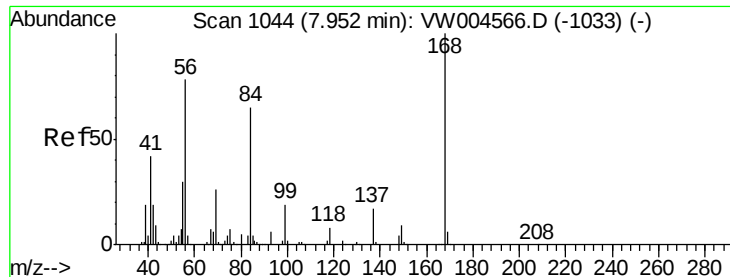
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

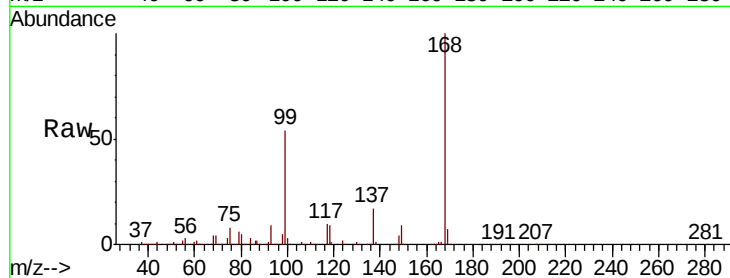
2018-NYSEG-CLARK-AREA-10C

Tgt Ion:168 Resp: 528768

Ion Ratio Lower Upper

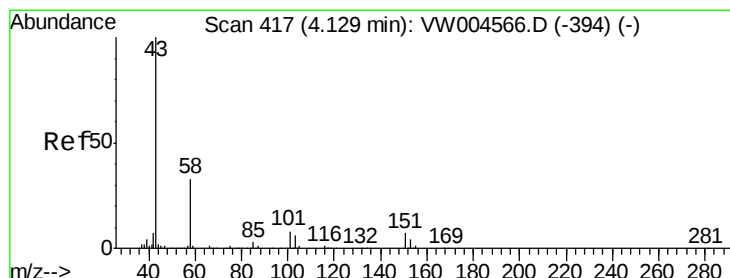
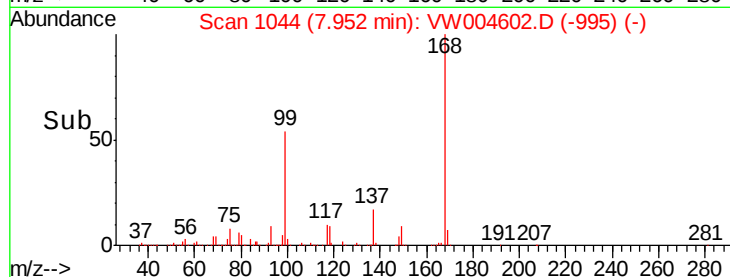
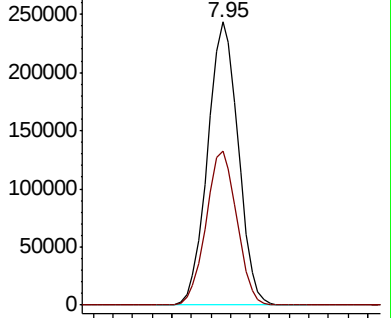
168 100

99 54.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.424 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004602.D

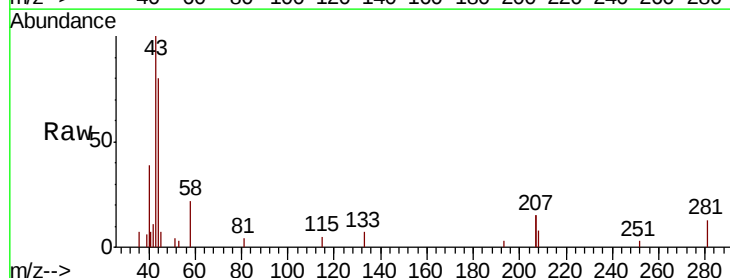
Acq: 10 Aug 2018 17:24

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

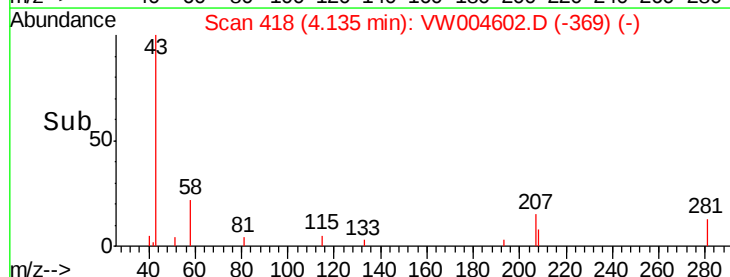
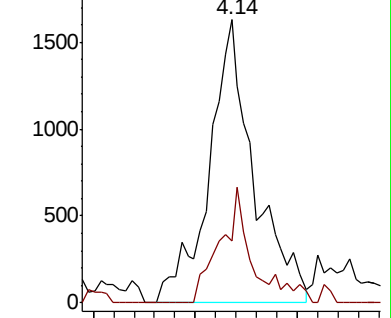
43 100

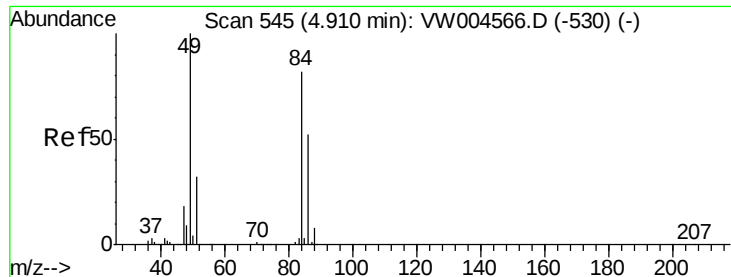
58 21.7 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

Tgt Ion: 84 Resp: 50275

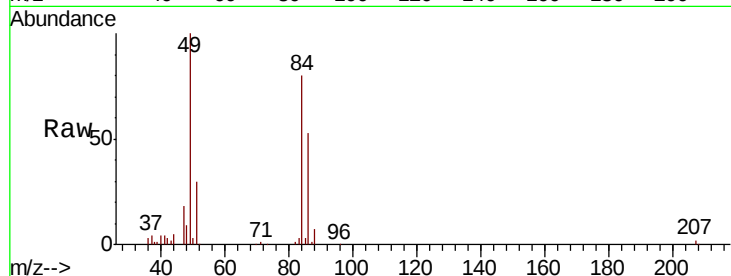
Ion Ratio Lower Upper

84 100

49 125.5 99.6 149.4

51 37.3 31.0 46.4

86 66.0 51.5 77.3



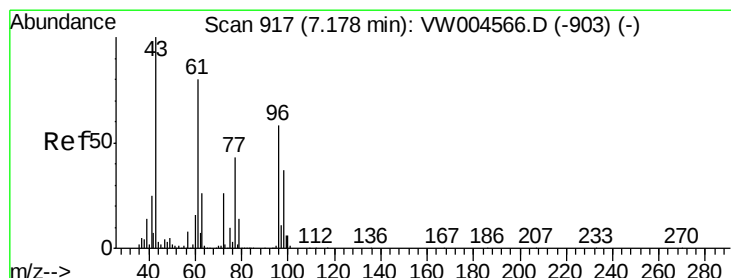
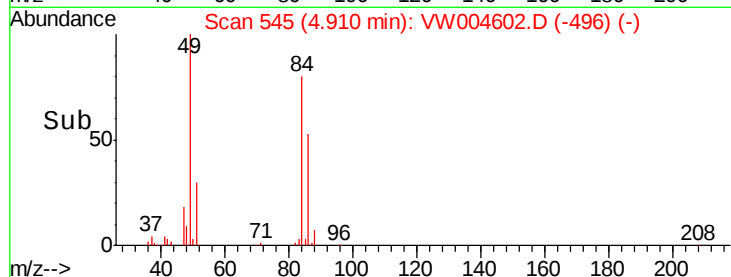
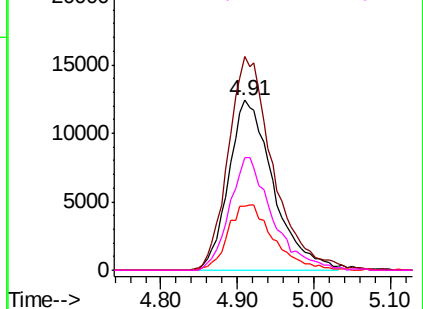
Abundance

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



#25

2-Butanone

Concen: 1.500 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004602.D

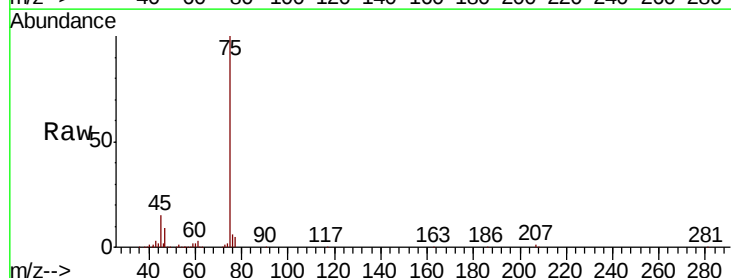
Acq: 10 Aug 2018 17:24

Tgt Ion: 43 Resp: 3528

Ion Ratio Lower Upper

43 100

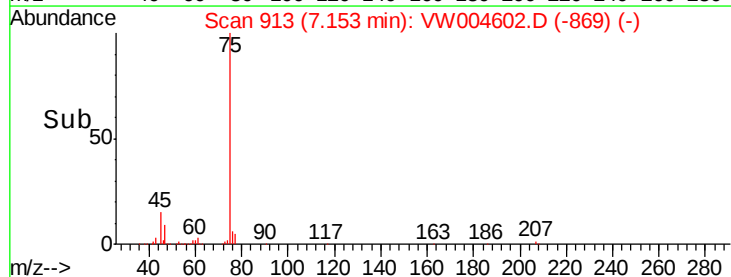
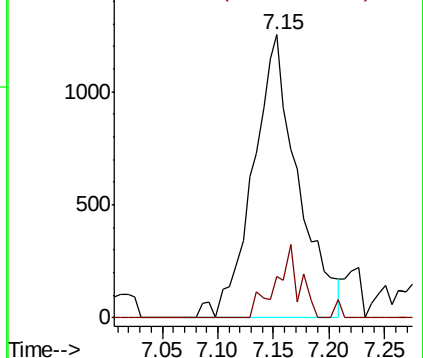
72 14.5 21.0 31.6#

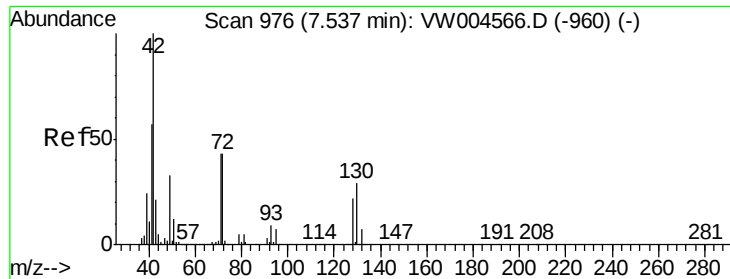


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.023 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

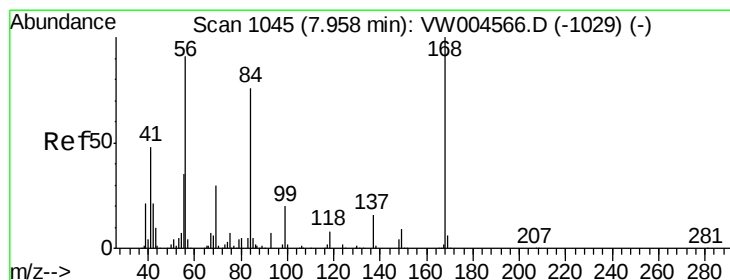
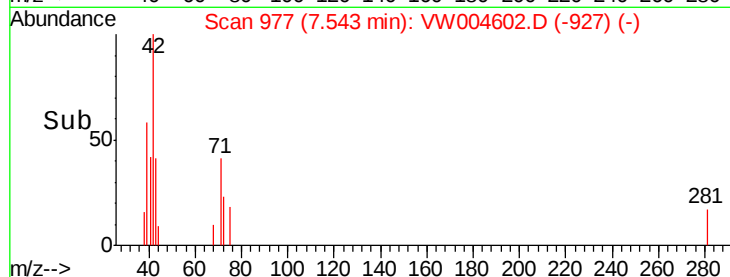
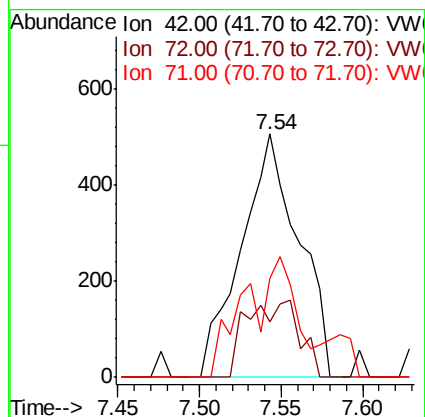
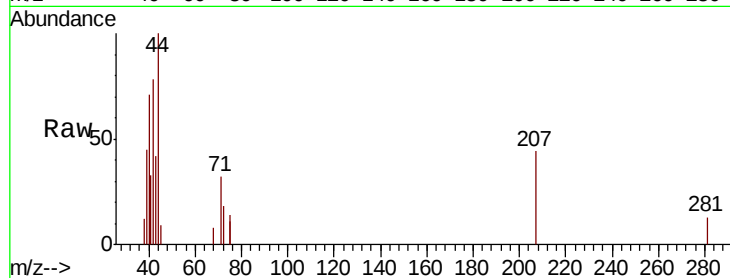
Tgt Ion: 42 Resp: 1244

Ion Ratio Lower Upper

42 100

72 28.9 34.1 51.1#

71 23.8 32.5 48.7#



#31

Cyclohexane

Concen: 1.302 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

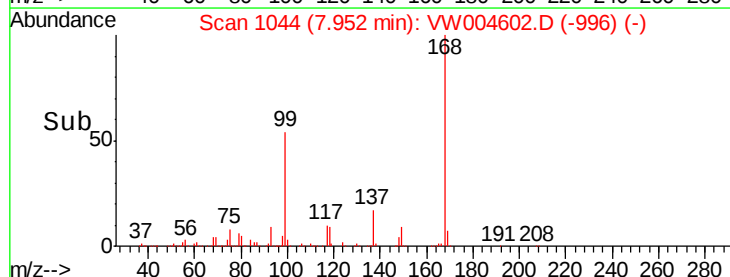
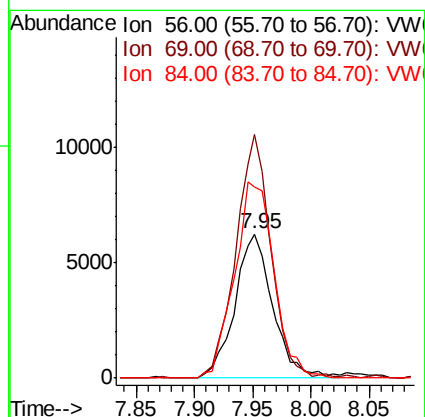
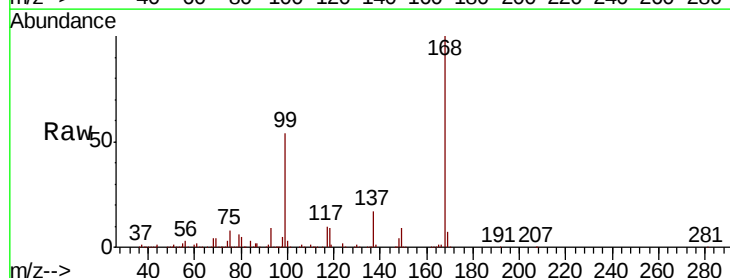
Tgt Ion: 56 Resp: 14281

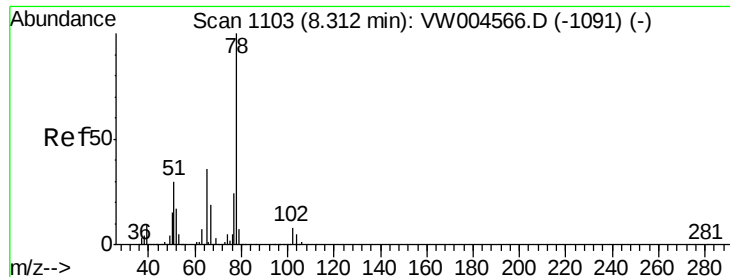
Ion Ratio Lower Upper

56 100

69 168.8 26.4 39.6#

84 132.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.662 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

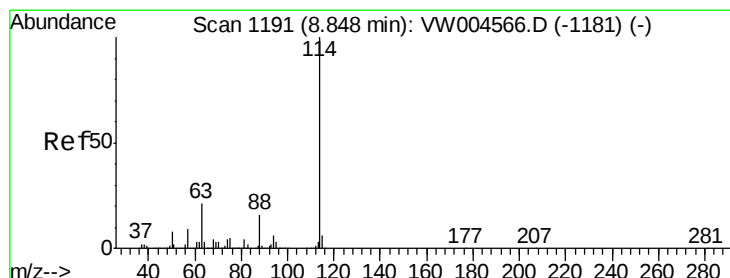
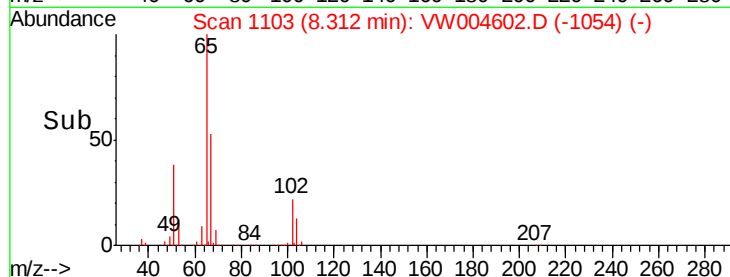
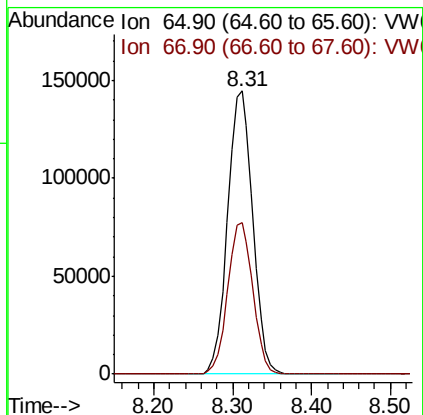
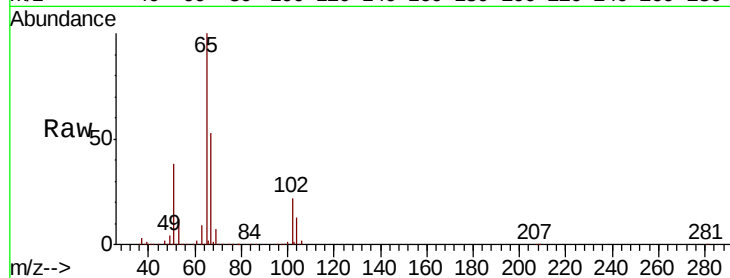
2018-NYSEG-CLARK-AREA-10C

Tgt Ion: 65 Resp: 319953

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

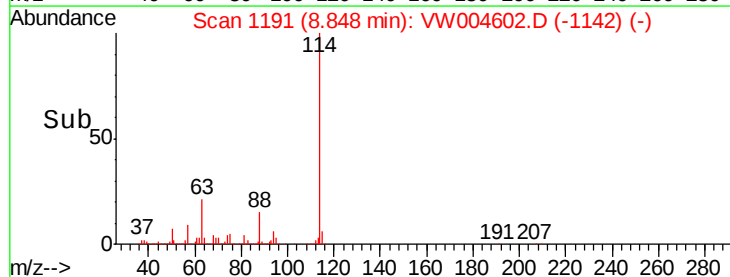
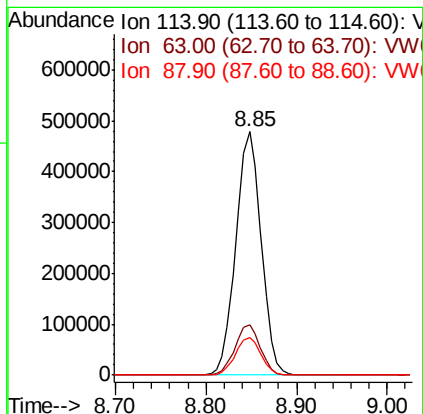
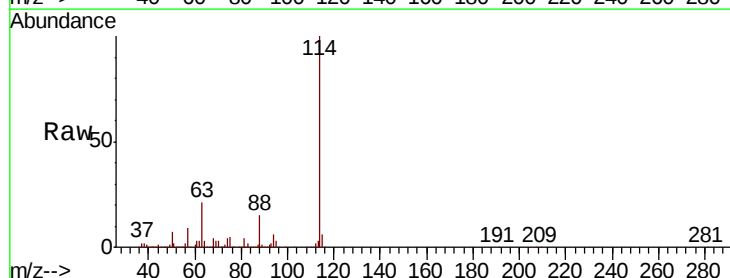
Tgt Ion: 114 Resp: 928693

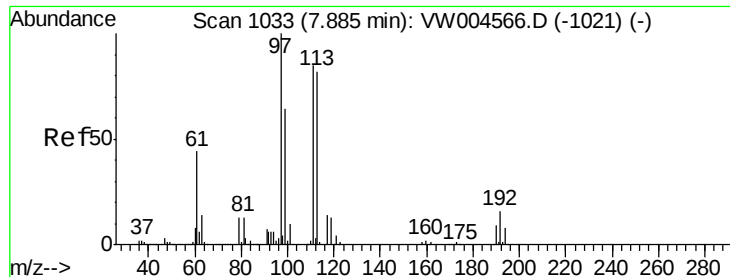
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.5 0.0 31.2

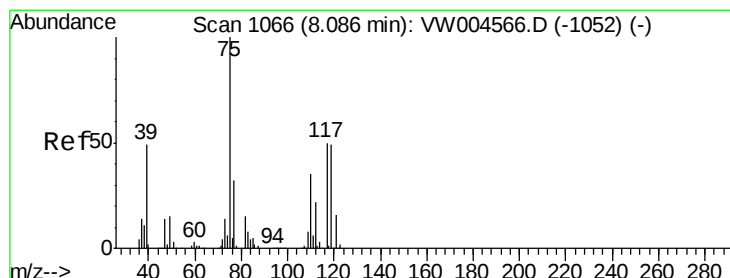
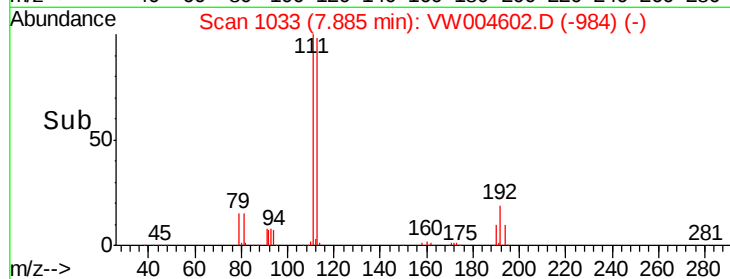
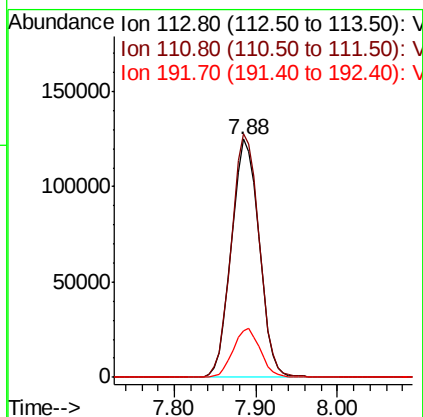
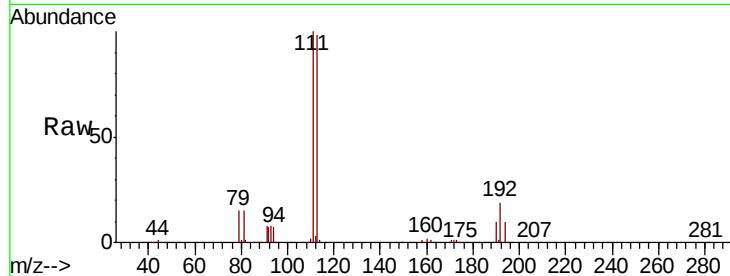




#35
 Dibromofluoromethane
 Concen: 47.403 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004602.D
 Acq: 10 Aug 2018 17:24

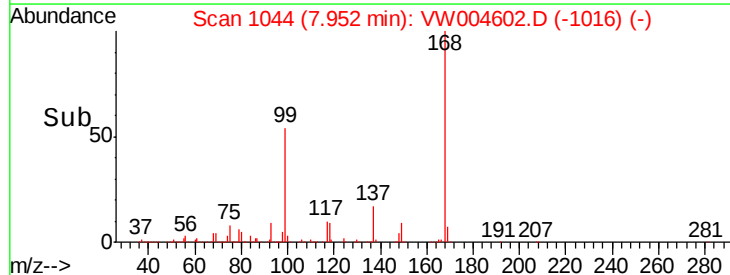
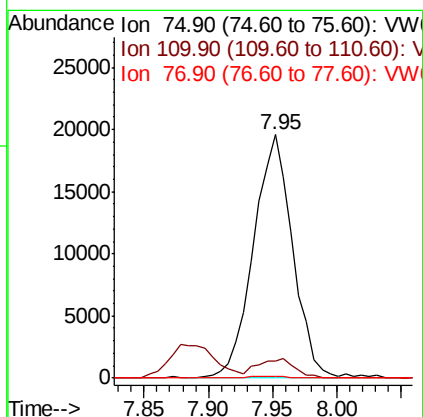
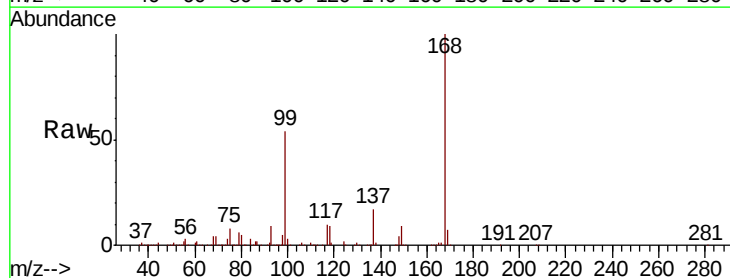
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10C

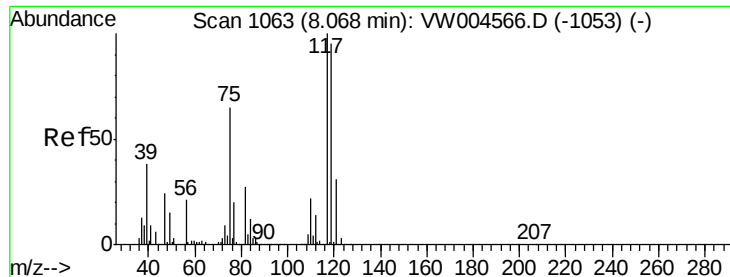
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.0	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.115 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004602.D
 Acq: 10 Aug 2018 17:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.4	52.2#
77	0.5	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.574 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

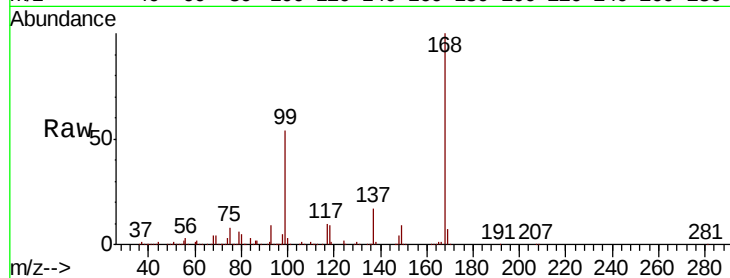
Tgt Ion:117 Resp: 50154

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

121 0.0 24.2 36.4#

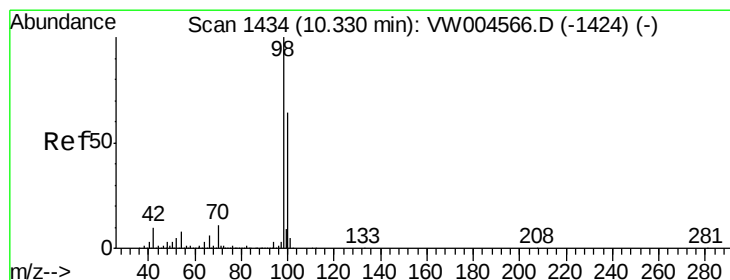
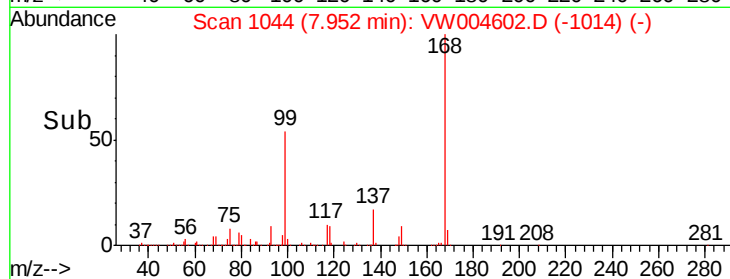
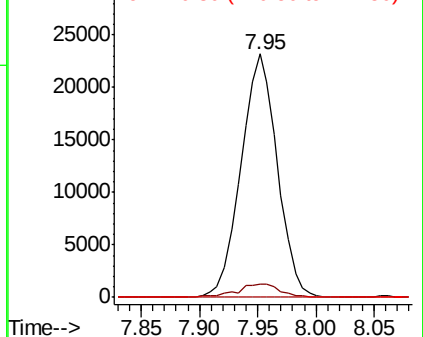


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 37.118 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004602.D

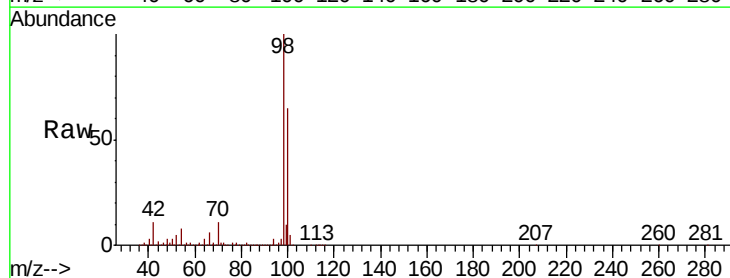
Acq: 10 Aug 2018 17:24

Tgt Ion: 98 Resp: 876236

Ion Ratio Lower Upper

98 100

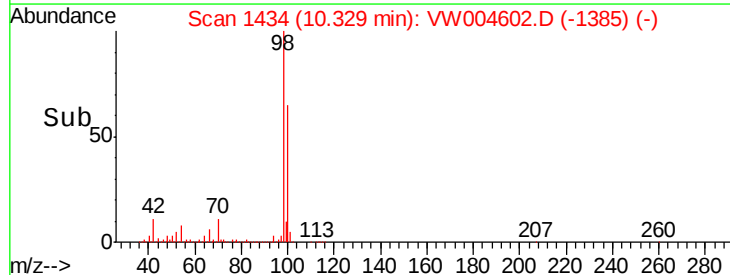
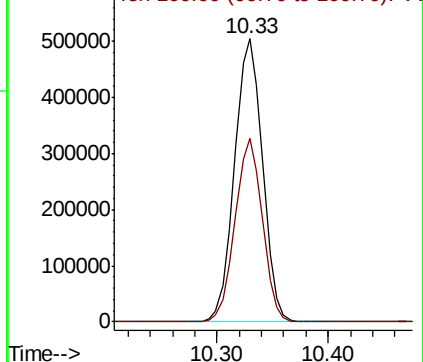
100 63.3 51.4 77.2

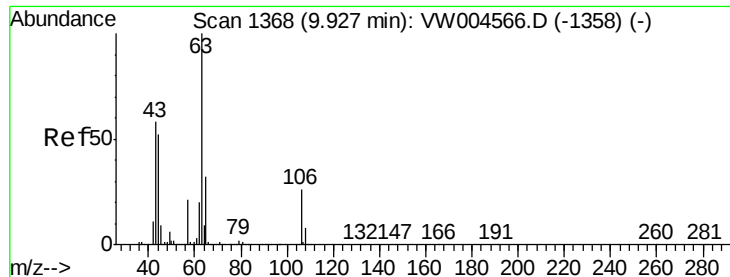


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

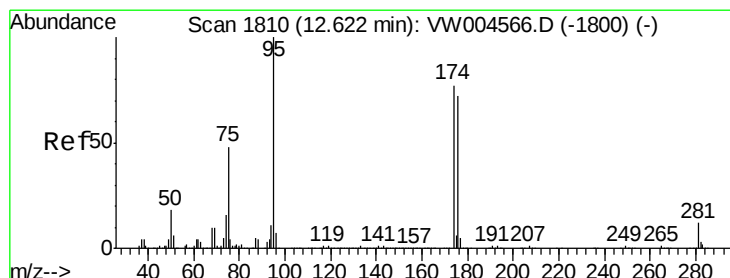
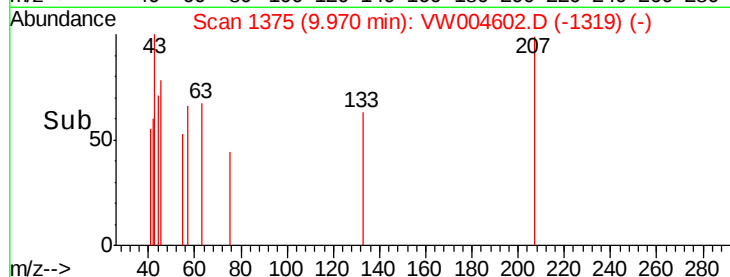
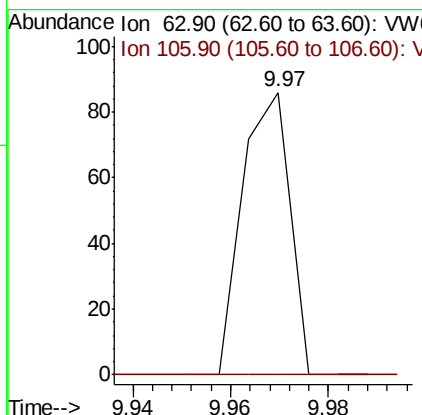
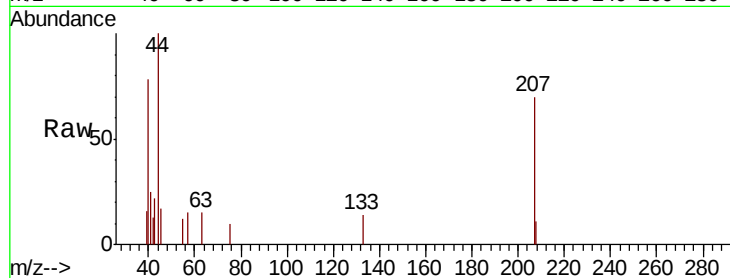




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.960 ug/l
 RT: 9.97 min Scan# 1375
 Delta R.T. 0.04 min
 Lab File: VW004602.D
 Acq: 10 Aug 2018 17:24

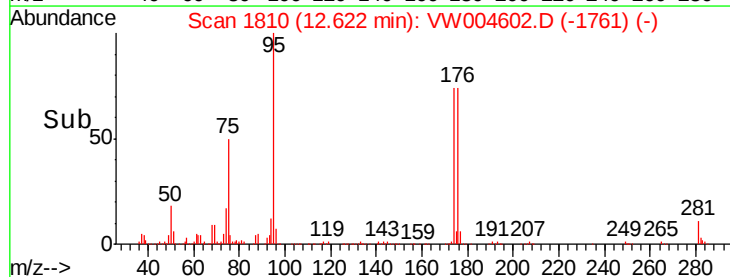
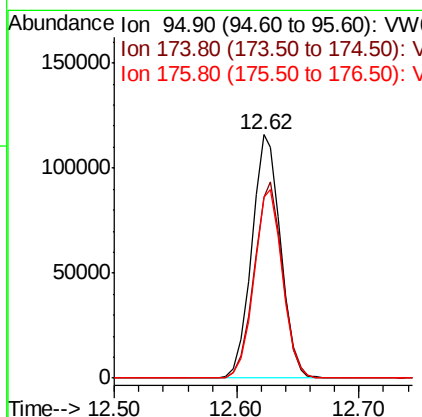
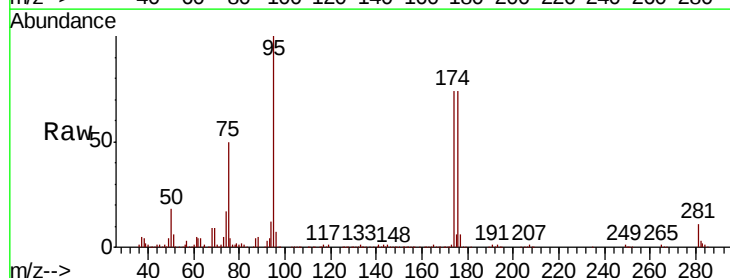
Instrument :
 MSVOA_W
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 2018-NYSEG-CLARK-AREA-10C

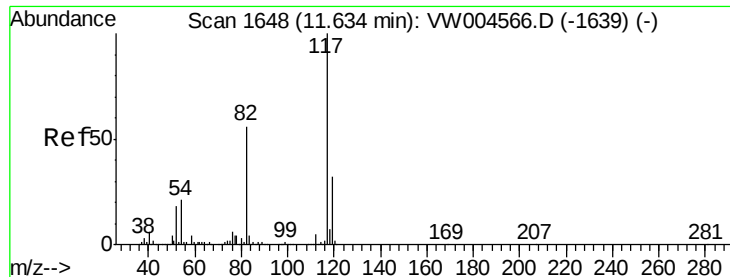
Tgt Ion: 63 Resp: 58
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 22.341 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004602.D
 Acq: 10 Aug 2018 17:24

Tgt Ion: 95 Resp: 189982
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 160.4
 176 76.4 0.0 153.2

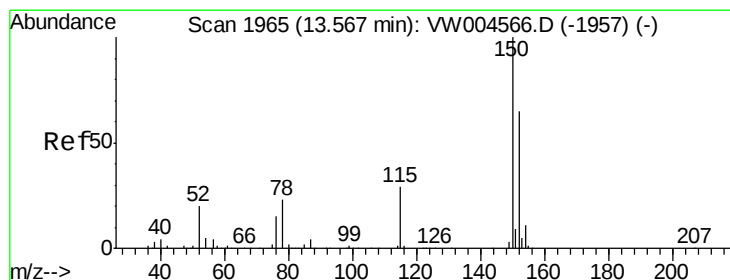
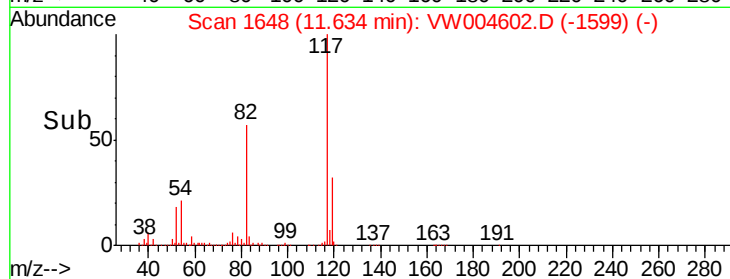
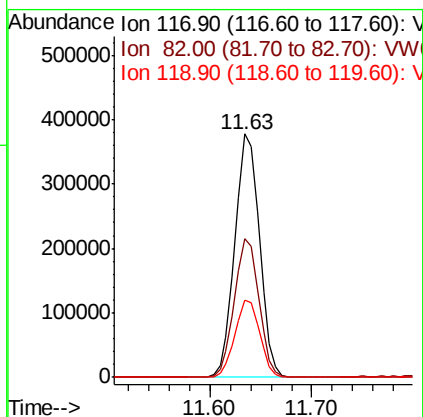
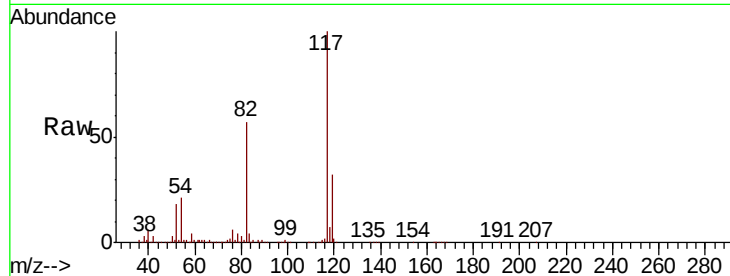




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004602.D
Acq: 10 Aug 2018 17:24

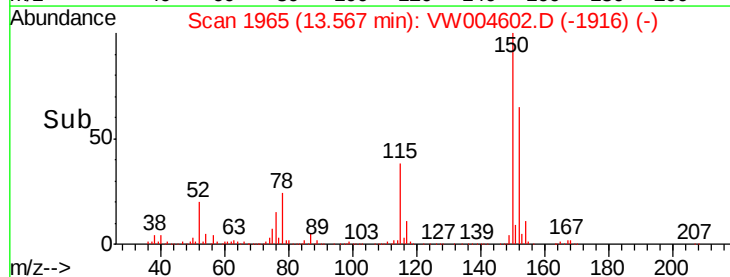
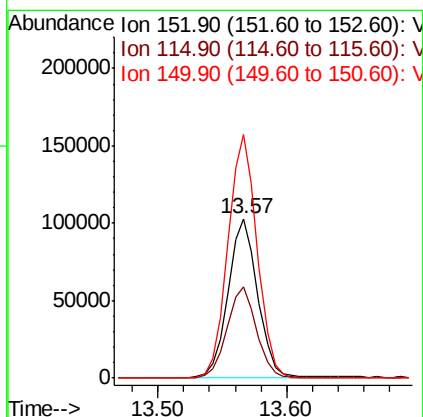
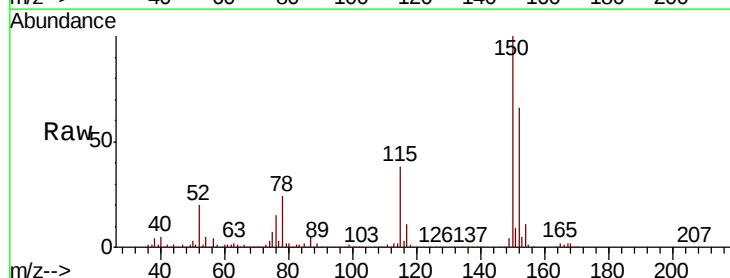
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-10C

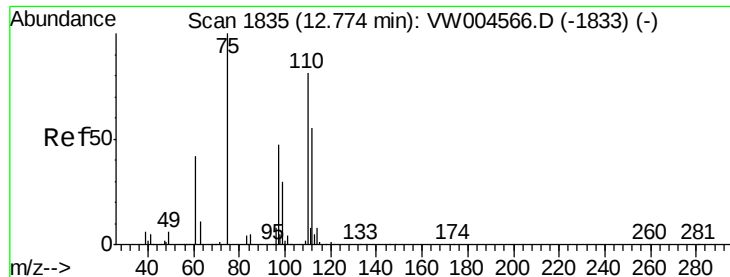
Tgt Ion:117 Resp: 630243
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004602.D
Acq: 10 Aug 2018 17:24

Tgt Ion:152 Resp: 162890
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 151.6 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 54.269 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

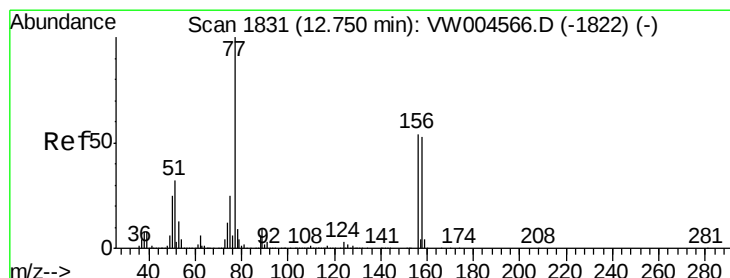
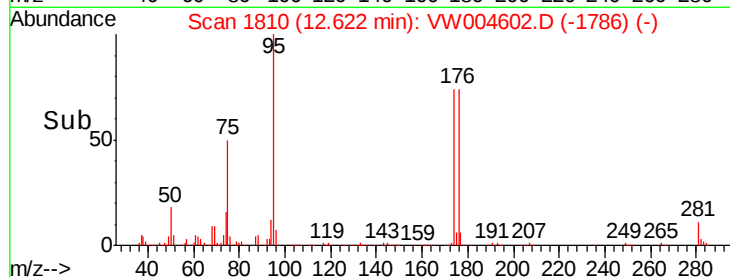
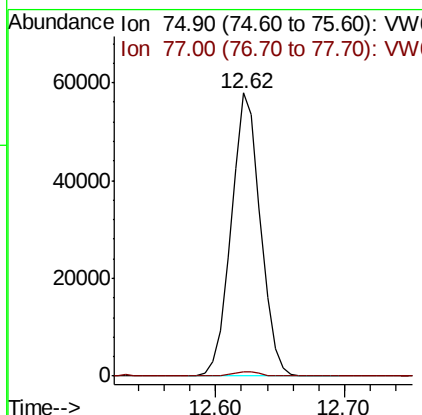
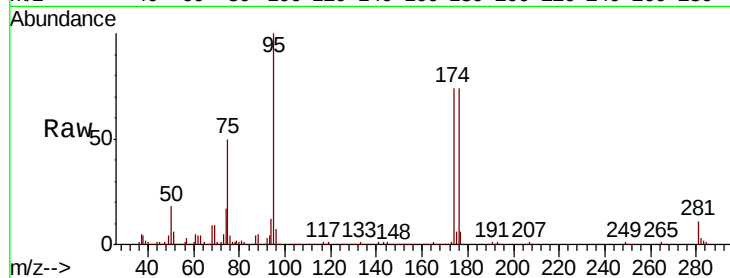
2018-NYSEG-CLARK-AREA-10C

Tgt Ion: 75 Resp: 91473

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#77

Bromobenzene

Concen: 3.847 ug/l

RT: 12.94 min Scan# 1862

Delta R.T. 0.19 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

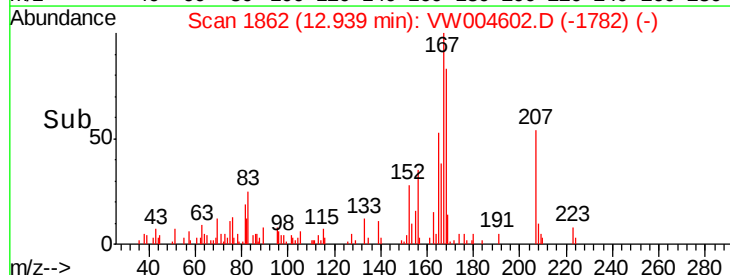
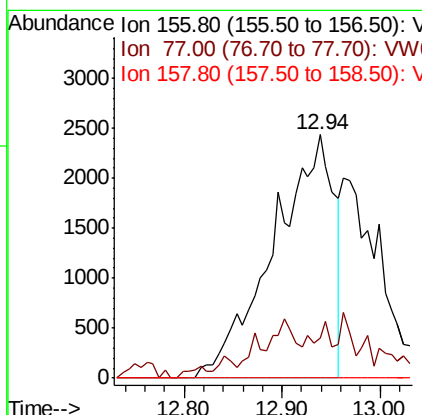
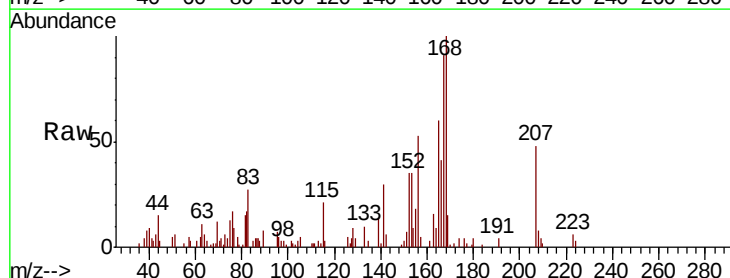
Tgt Ion: 156 Resp: 10488

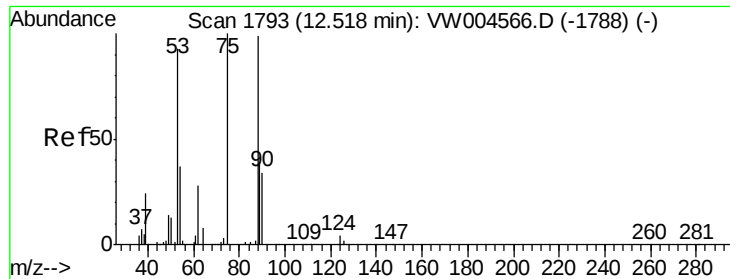
Ion Ratio Lower Upper

156 100

77 0.0 98.7 296.1#

158 0.0 48.7 146.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 129.913 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10C

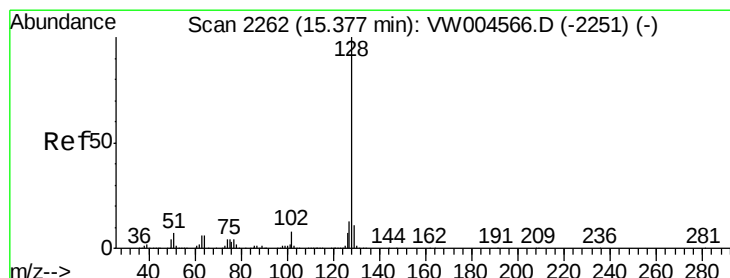
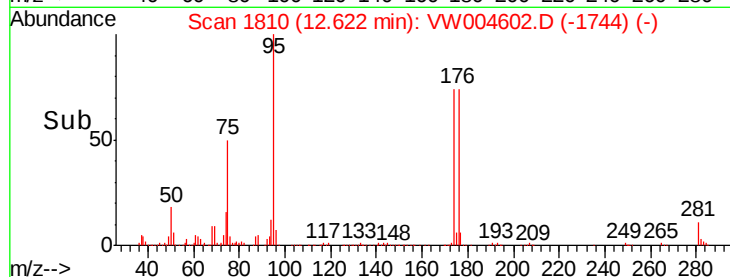
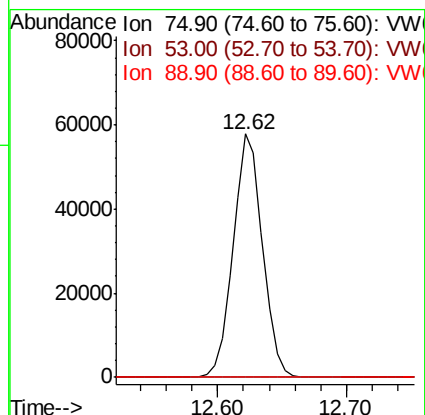
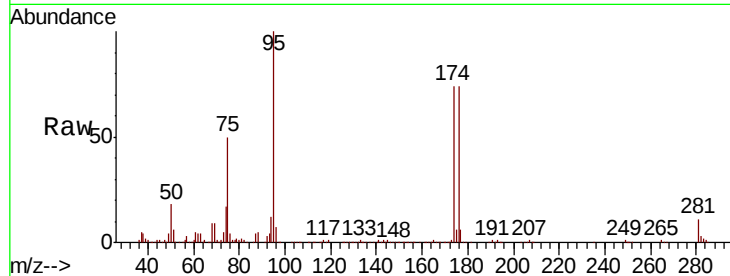
Tgt Ion: 75 Resp: 91473

Ion Ratio Lower Upper

75 100

53 0.2 74.4 111.6#

89 0.2 35.9 53.9#



#95

Naphthalene

Concen: 4.867 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004602.D

Acq: 10 Aug 2018 17:24

Tgt Ion: 128 Resp: 15093

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 13.4 8.6 13.0#

