

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004606.D
 Acq On : 10 Aug 2018 19:07
 Operator : SY/AP
 Sample : J4409-13
 Misc : 5.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12C

Quant Time: Aug 11 01:02:14 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	660066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1122378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	927971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	337696	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	355431	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	7.88	113	336054	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
50) Toluene-d8	10.33	98	1180205	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	
62) 4-Bromofluorobenzene	12.62	95	320459	31.18	ug/l	0.00
Spiked Amount			Recovery	=	62.36%	

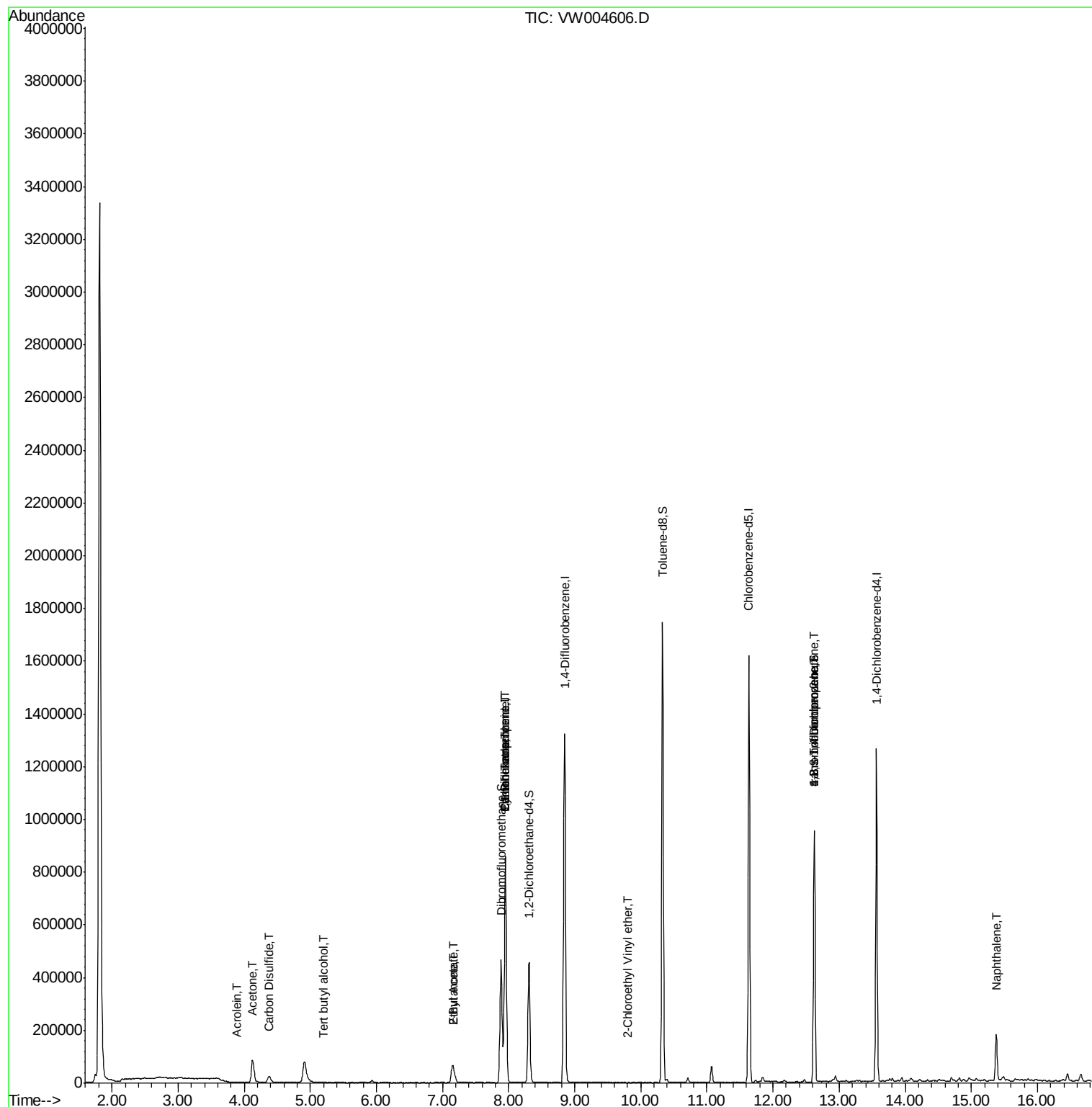
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	463	1.082	ug/l #	70
13) Acrolein	3.89	56	871	1.662	ug/l	92
16) Acetone	4.12	43	153958	84.373	ug/l	99
17) Carbon Disulfide	4.38	76	55073	2.367	ug/l #	94
20) Methylene Chloride	4.91	84	78020	Below Cal		98
25) 2-Butanone	7.18	43	36185	12.328	ug/l	95
31) Cyclohexane	7.95	56	14302	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	51386	4.252	ug/l #	49
37) Ethyl Acetate	7.18	43	36185	6.393	ug/l #	68
38) Carbon Tetrachloride	7.95	117	61868	5.689	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.80	63	39	8.953	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	153693	43.983	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	153693	105.288	ug/l #	13
95) Naphthalene	15.38	128	152492	12.428	ug/l	99

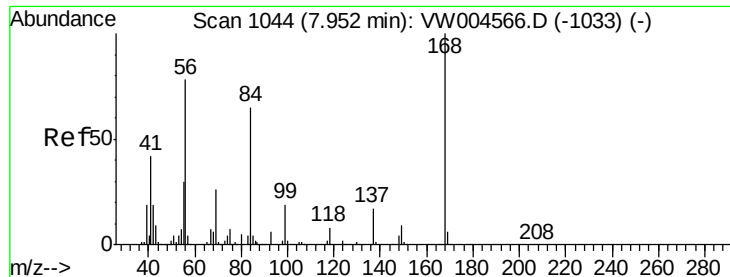
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004606.D

Acq: 10 Aug 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

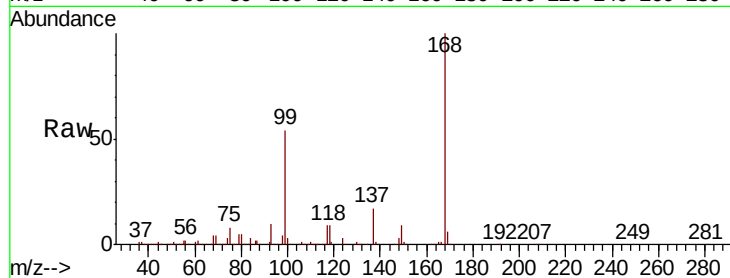
2018-NYSEG-CLARK-AREA-12C

Tgt Ion:168 Resp: 660066

Ion Ratio Lower Upper

168 100

99 53.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

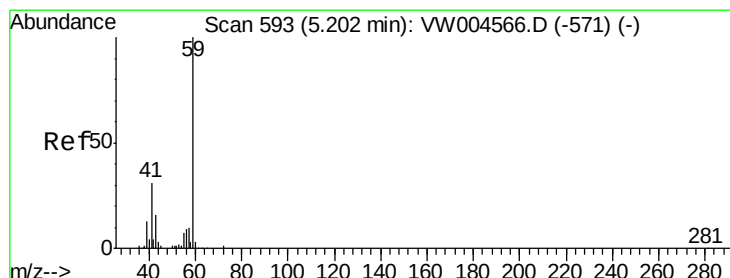
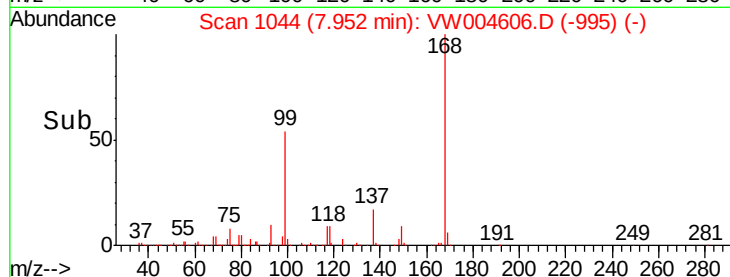
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.082 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004606.D

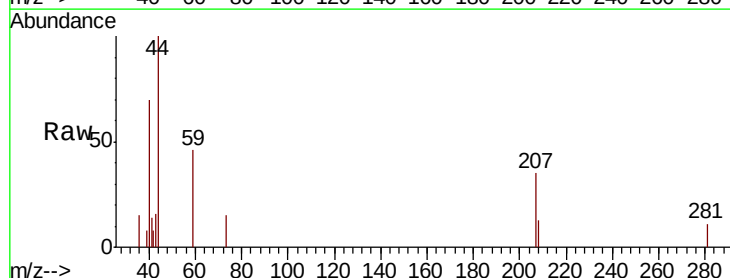
Acq: 10 Aug 2018 19:07

Tgt Ion: 59 Resp: 463

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

400

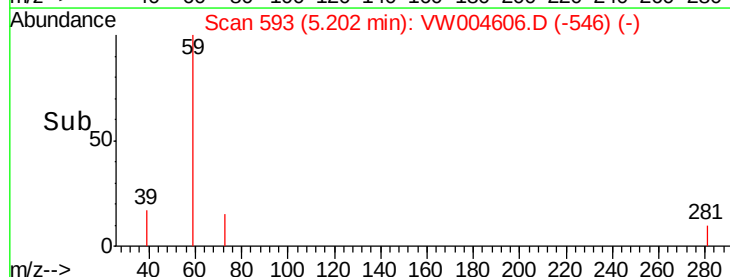
300

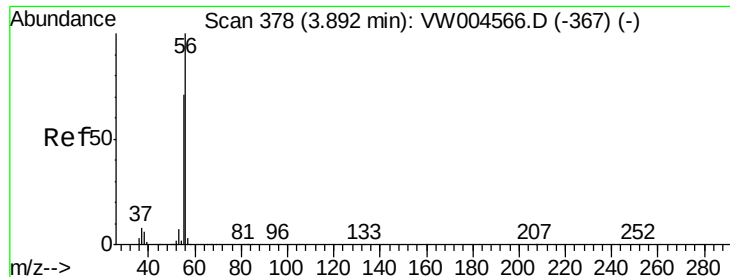
200

100

0

Time-->

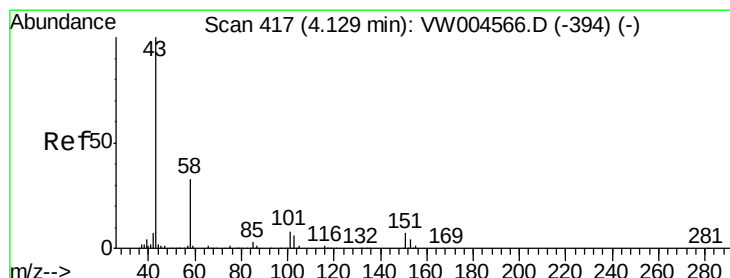
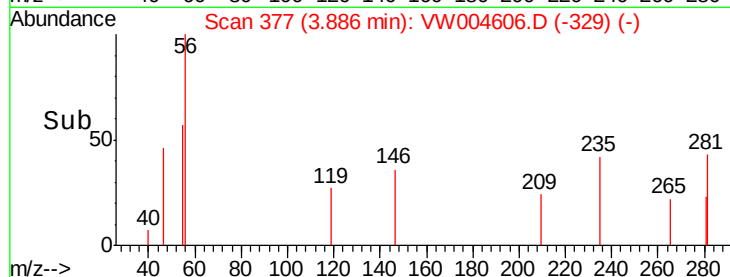
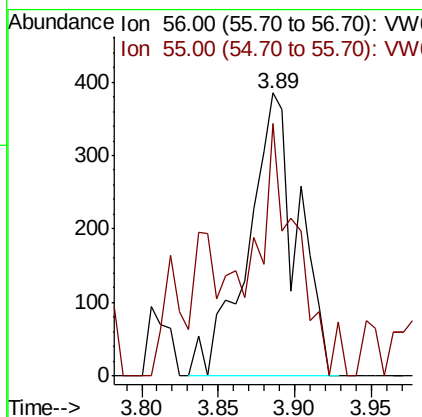
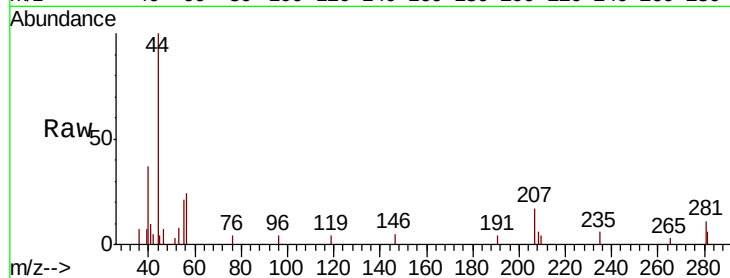




#13
Acrolein
Concen: 1.662 ug/l
RT: 3.89 min Scan# 377
Delta R.T. -0.01 min
Lab File: VW004606.D
Acq: 10 Aug 2018 19:07

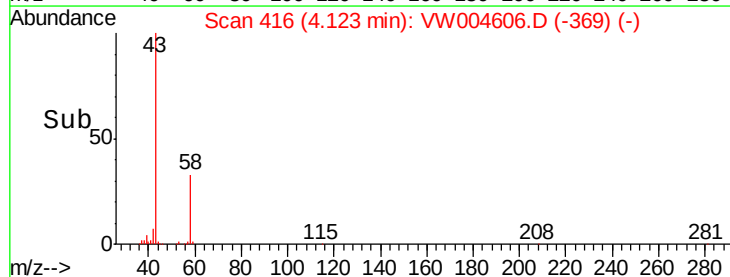
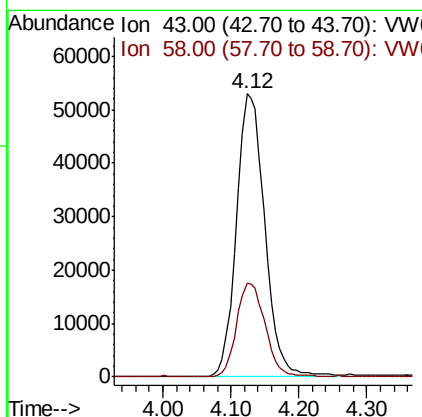
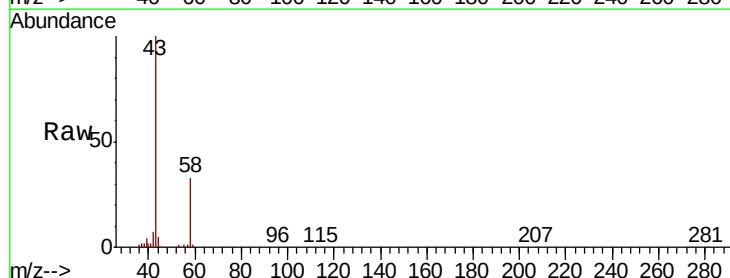
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12C

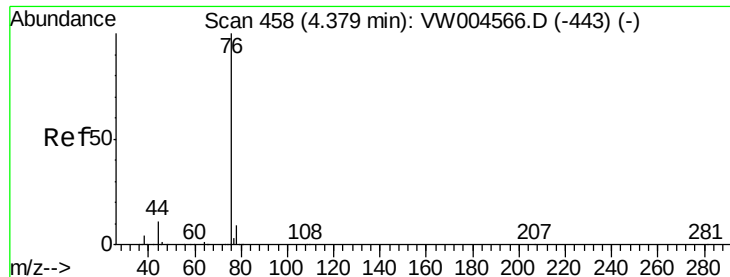
Tgt Ion: 56 Resp: 871
Ion Ratio Lower Upper
56 100
55 64.2 56.7 85.1



#16
Acetone
Concen: 84.373 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW004606.D
Acq: 10 Aug 2018 19:07

Tgt Ion: 43 Resp: 153958
Ion Ratio Lower Upper
43 100
58 33.0 26.8 40.2





#17

Carbon Disulfide

Concen: 2.367 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004606.D

Acq: 10 Aug 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

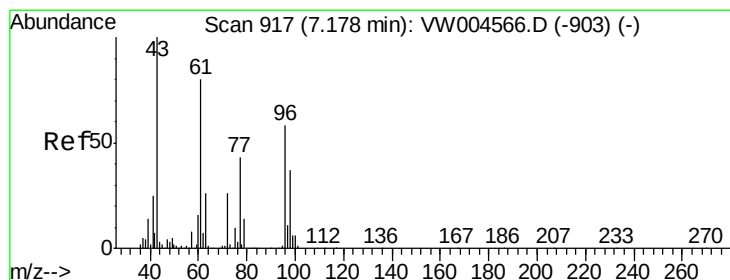
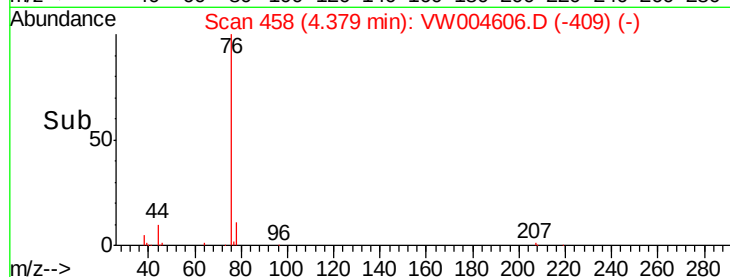
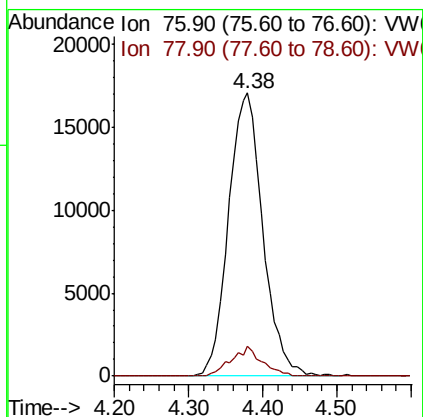
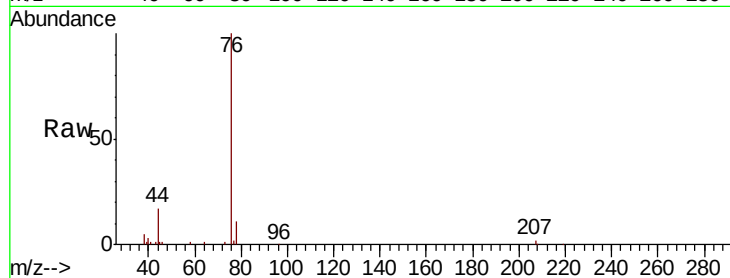
2018-NYSEG-CLARK-AREA-12C

Tgt Ion: 76 Resp: 55073

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.4#



#25

2-Butanone

Concen: 12.328 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004606.D

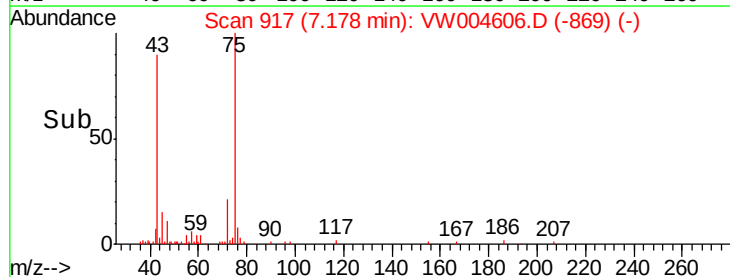
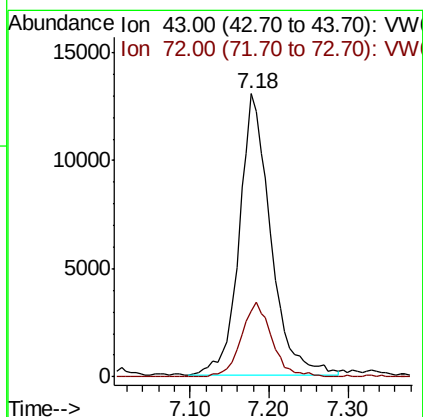
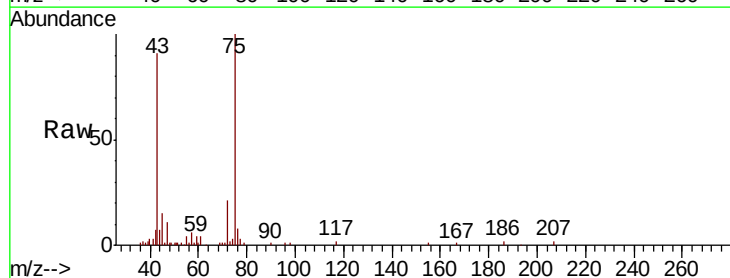
Acq: 10 Aug 2018 19:07

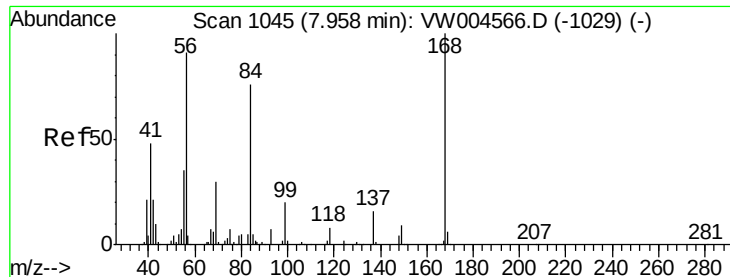
Tgt Ion: 43 Resp: 36185

Ion Ratio Lower Upper

43 100

72 23.5 21.0 31.6

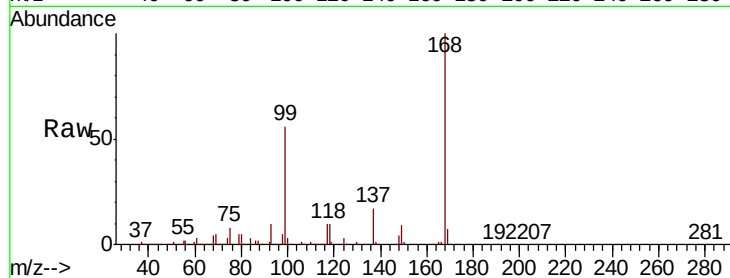




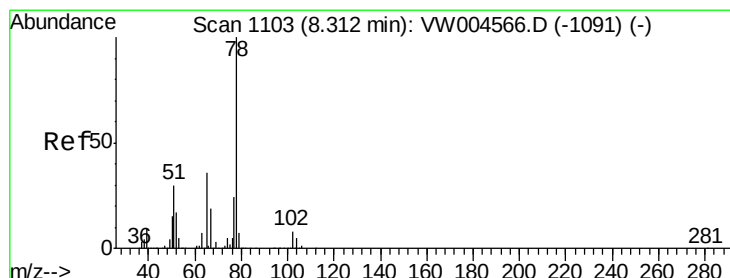
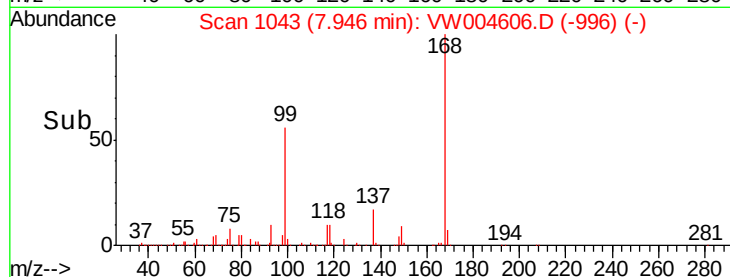
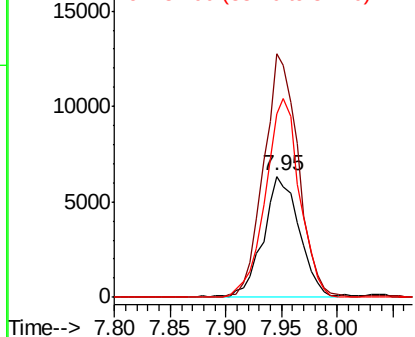
#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004606.D
Acq: 10 Aug 2018 19:07

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12C

Tgt Ion: 56 Resp: 14302
Ion Ratio Lower Upper
56 100
69 201.6 26.4 39.6#
84 151.9 66.9 100.3#

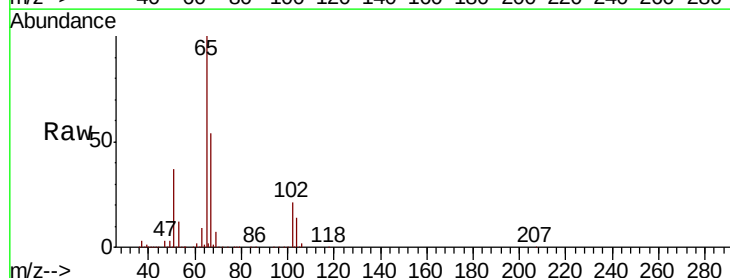


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

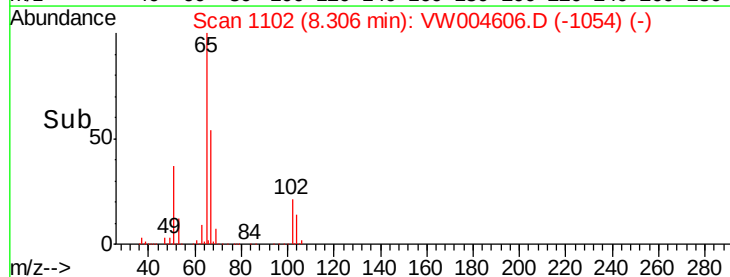
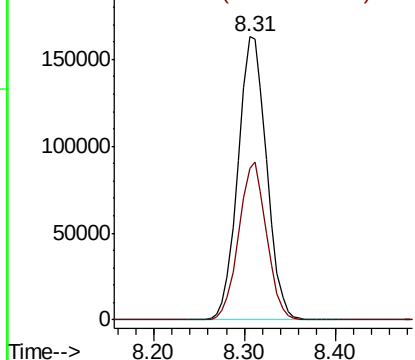


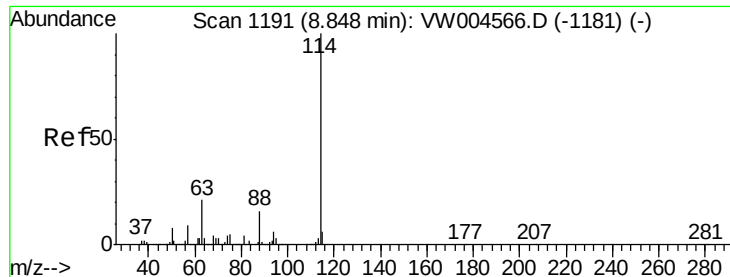
#33
1,2-Dichloroethane-d4
Concen: 48.644 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004606.D
Acq: 10 Aug 2018 19:07

Tgt Ion: 65 Resp: 355431
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

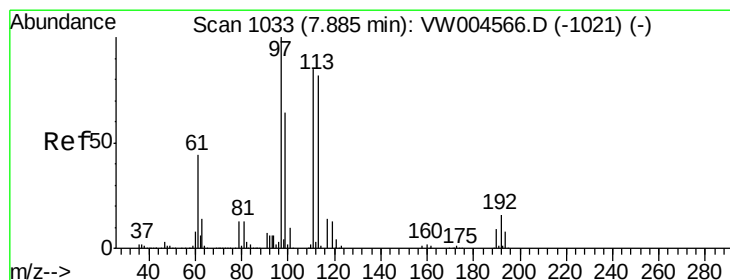
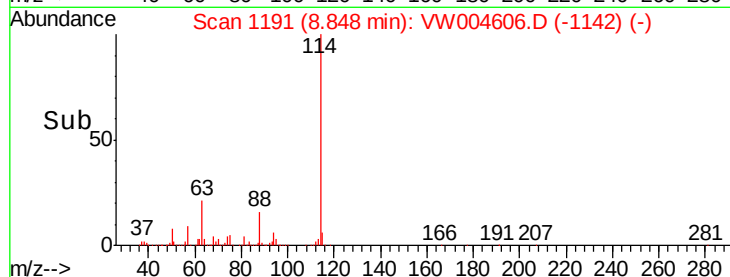
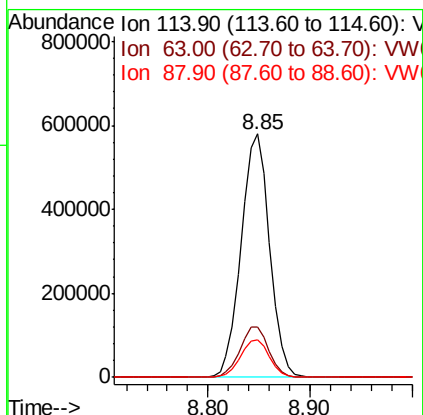
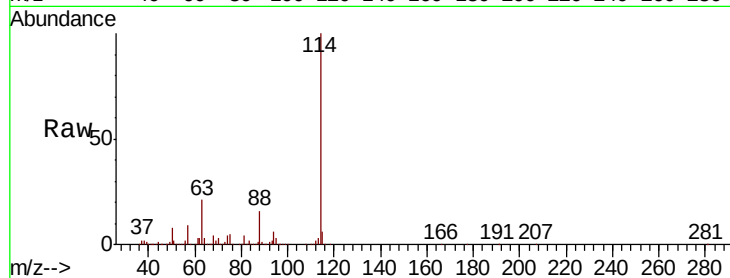




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004606.D
 Acq: 10 Aug 2018 19:07

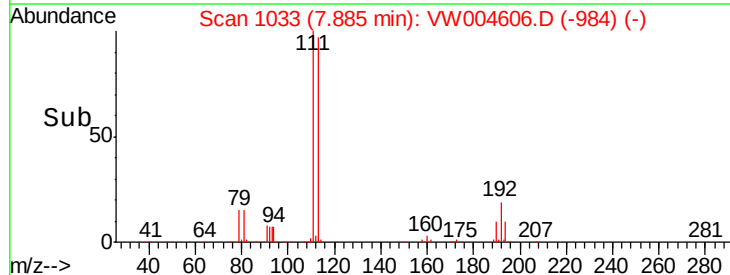
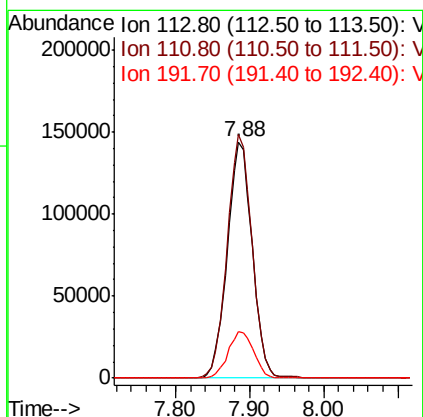
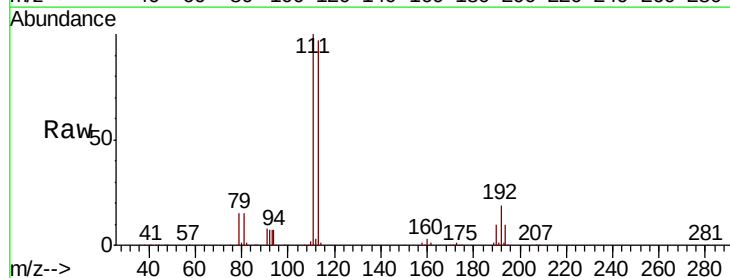
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12C

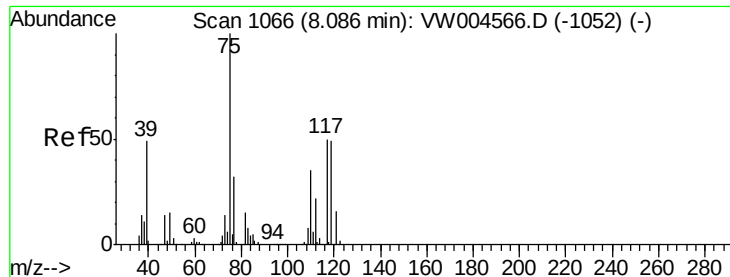
Tgt Ion:114 Resp: 1122378
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.6 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 44.905 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004606.D
 Acq: 10 Aug 2018 19:07

Tgt Ion:113 Resp: 336054
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 20.3 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.252 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW004606.D

Acq: 10 Aug 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12C

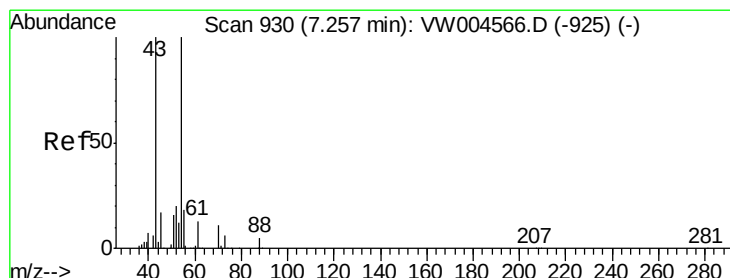
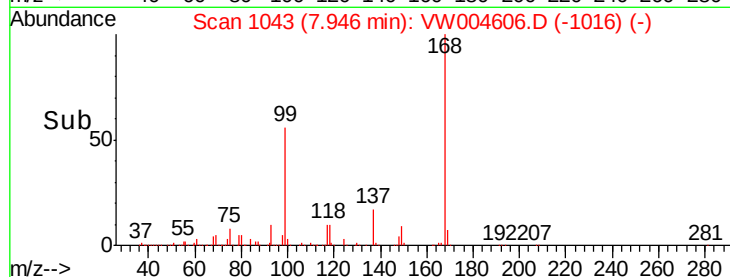
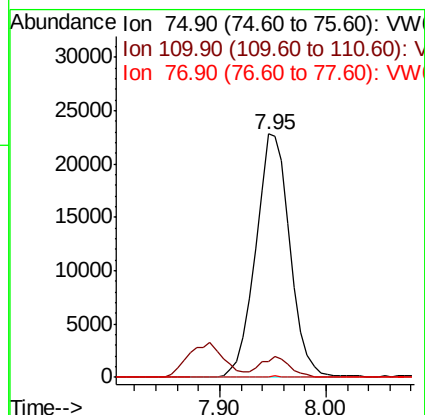
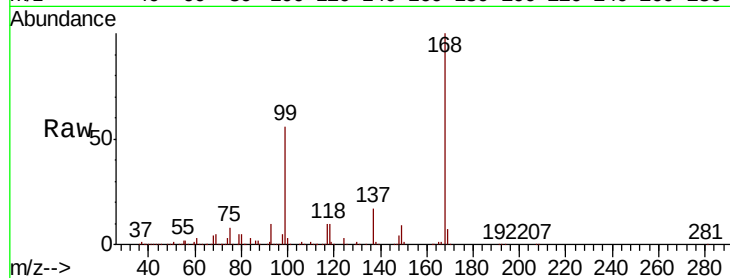
Tgt Ion: 75 Resp: 51386

Ion Ratio Lower Upper

75 100

110 7.6 17.4 52.2#

77 0.1 24.7 37.1#



#37

Ethyl Acetate

Concen: 6.393 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.08 min

Lab File: VW004606.D

Acq: 10 Aug 2018 19:07

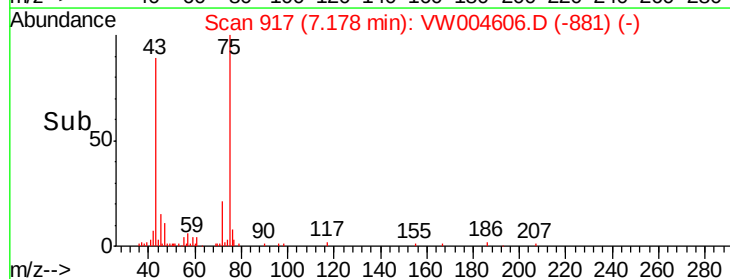
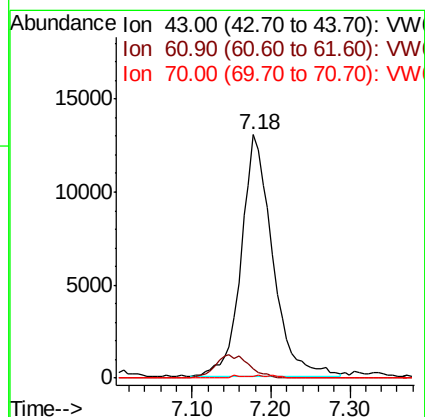
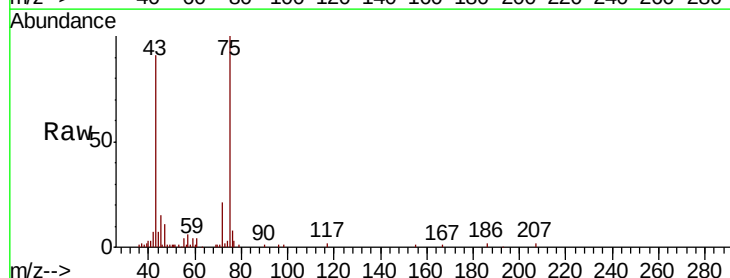
Tgt Ion: 43 Resp: 36185

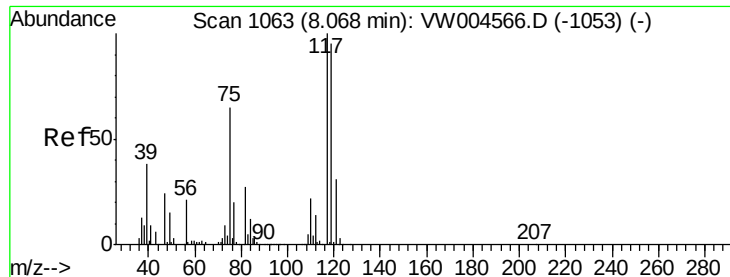
Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

70 0.3 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 5.689 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004606.D

Acq: 10 Aug 2018 19:07

Instrument :

MSVOA_W

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2018-NYSEG-CLARK-AREA-12C

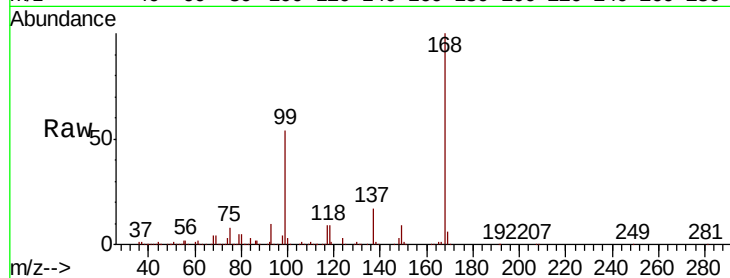
Tgt Ion:117 Resp: 61868

Ion Ratio Lower Upper

117 100

119 7.5 76.1 114.1#

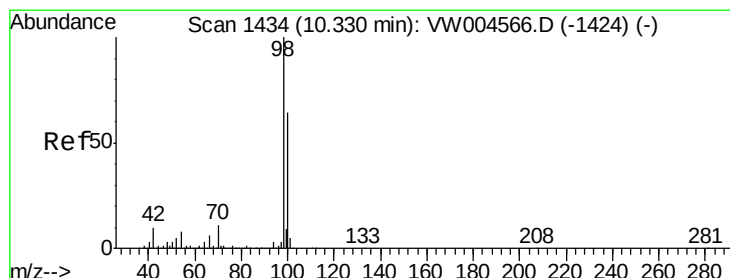
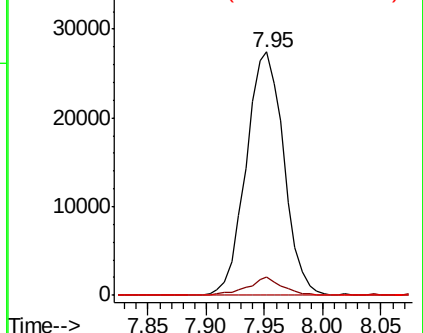
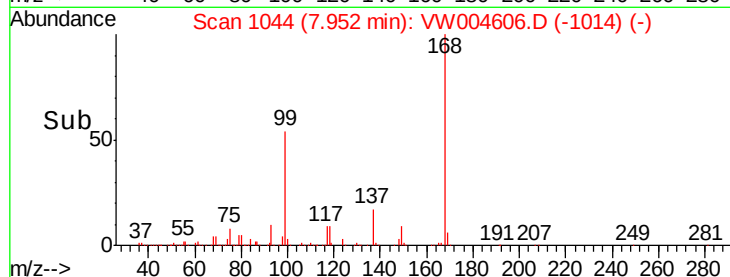
121 0.0 24.2 36.4#



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: 41.367 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004606.D

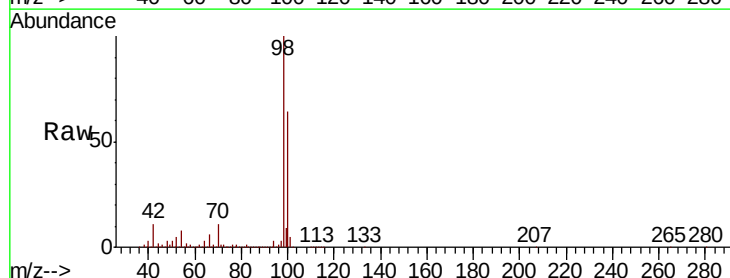
Acq: 10 Aug 2018 19:07

Tgt Ion: 98 Resp: 1180205

Ion Ratio Lower Upper

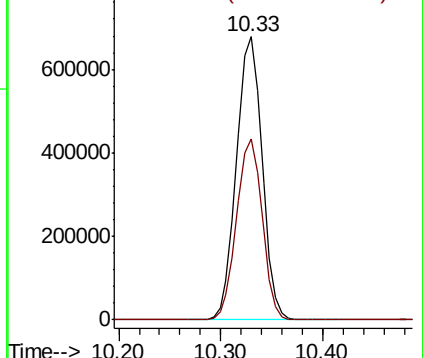
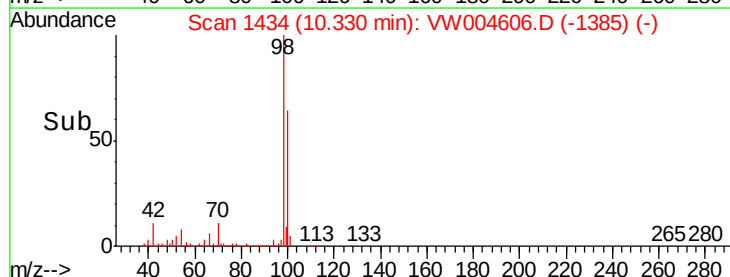
98 100

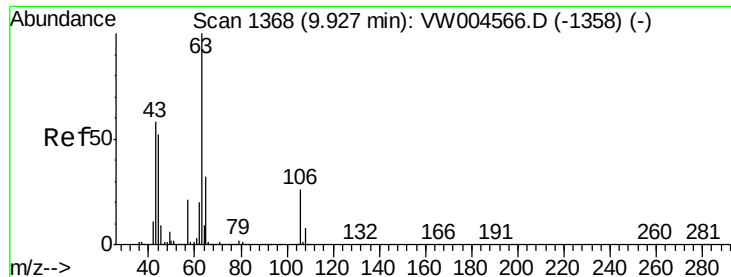
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

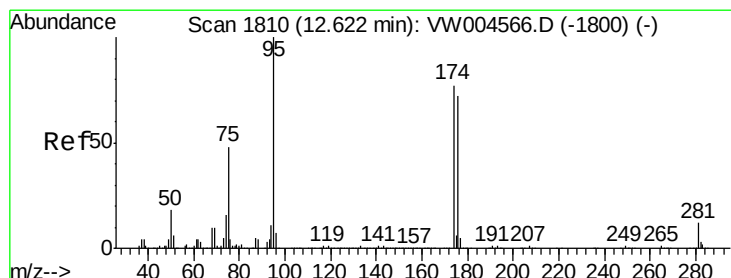
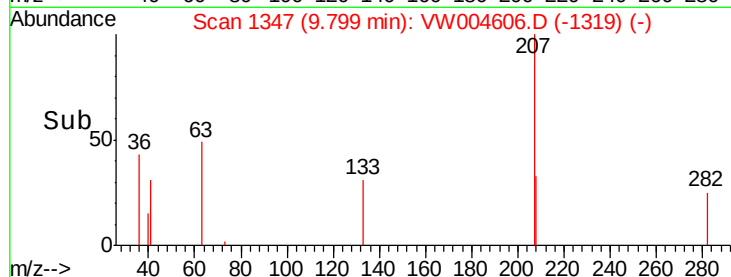
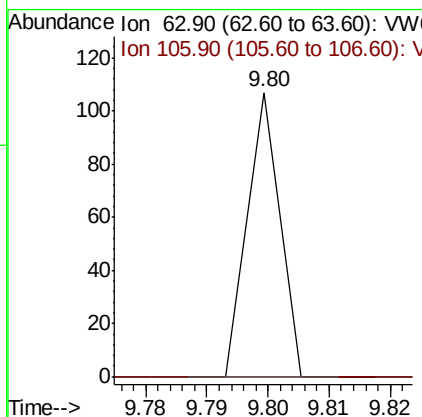
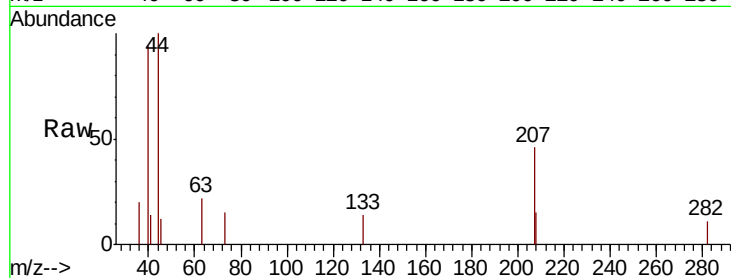




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.953 ug/l
 RT: 9.80 min Scan# 1347
 Delta R.T. -0.13 min
 Lab File: VW004606.D
 Acq: 10 Aug 2018 19:07

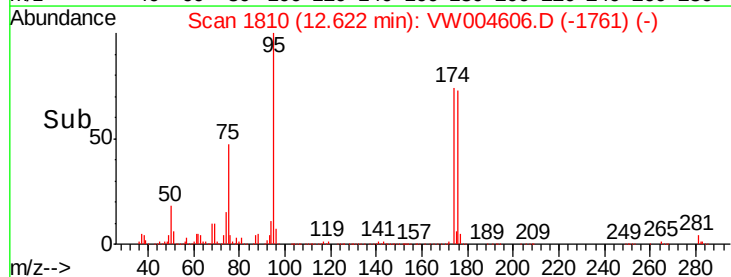
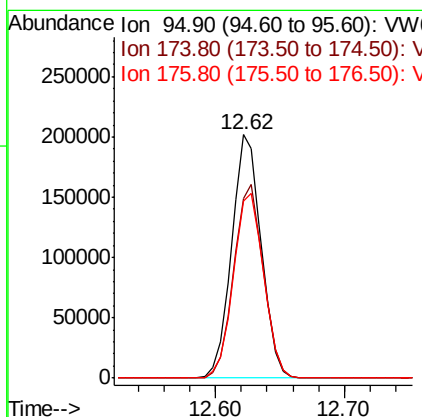
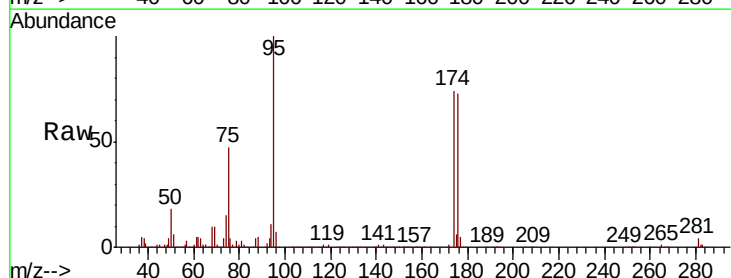
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12C

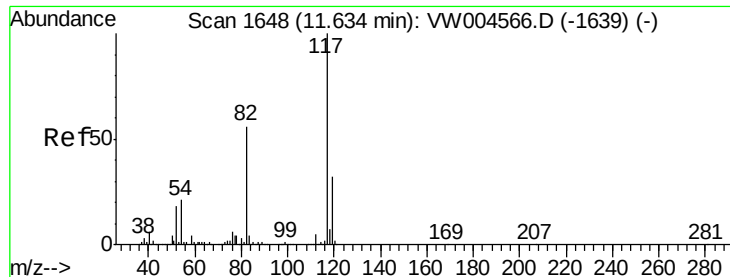
Tgt Ion: 63 Resp: 39
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 31.182 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004606.D
 Acq: 10 Aug 2018 19:07

Tgt Ion: 95 Resp: 320459
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 160.4
 176 78.2 0.0 153.2

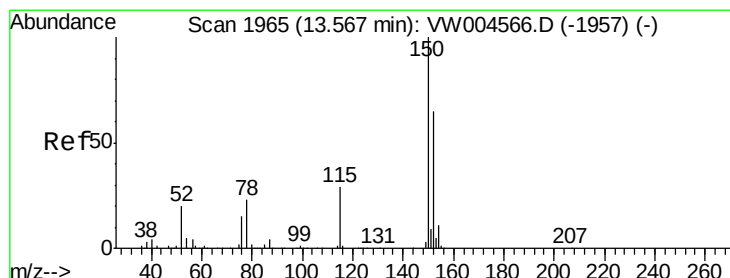
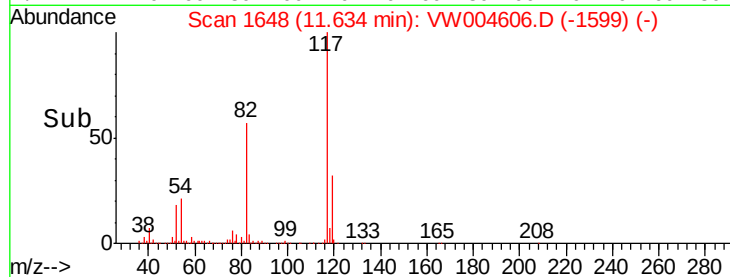
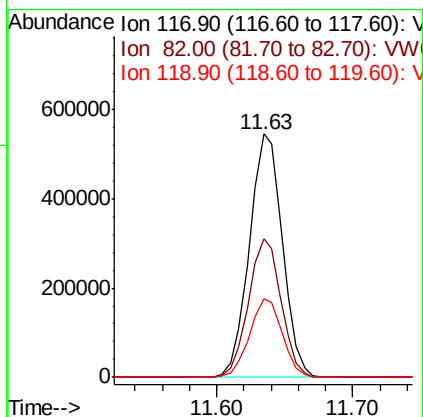
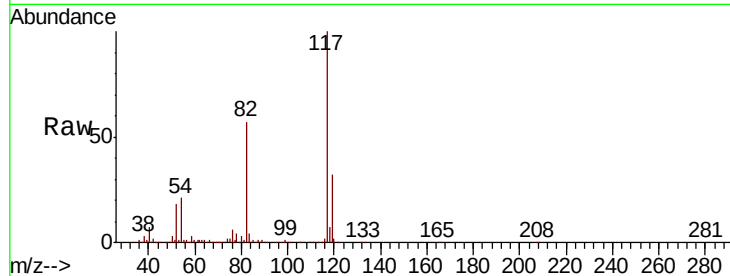




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004606.D
Acq: 10 Aug 2018 19:07

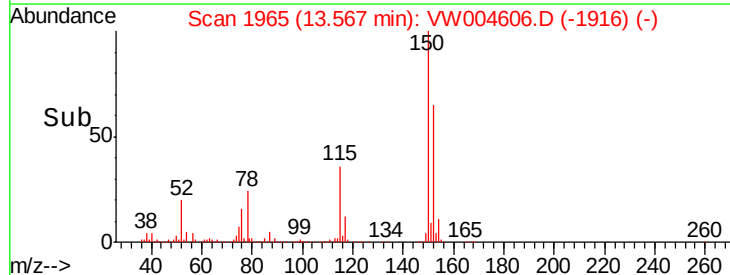
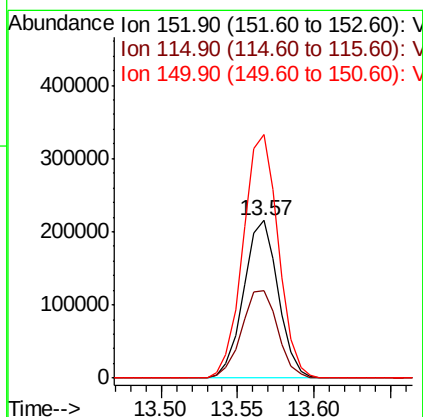
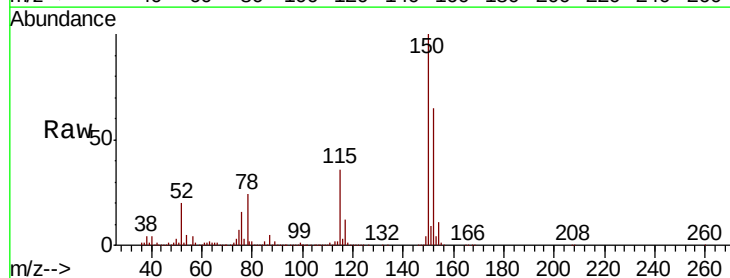
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12C

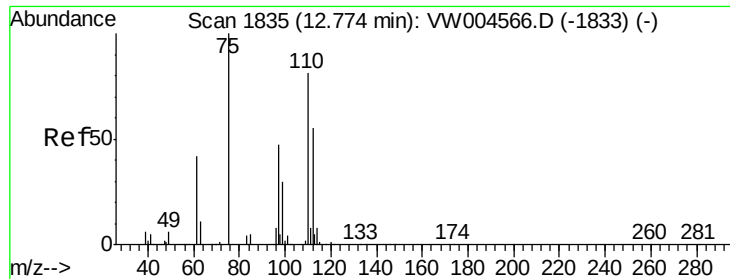
Tgt Ion:117 Resp: 927971
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004606.D
Acq: 10 Aug 2018 19:07

Tgt Ion:152 Resp: 337696
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.3
150 157.5 0.0 349.6

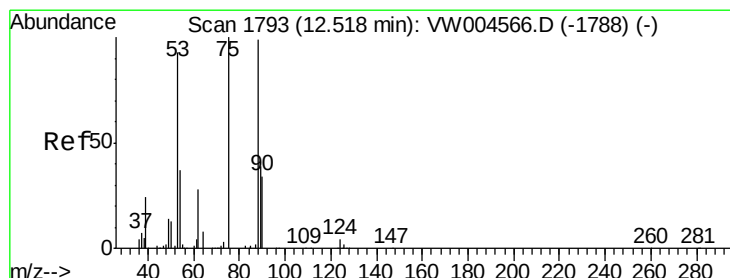
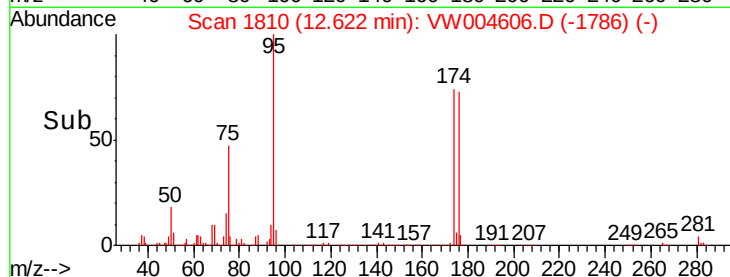
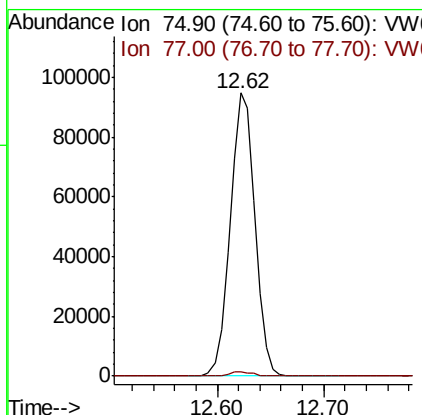
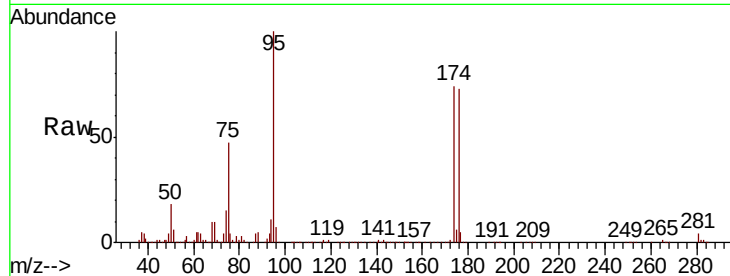




#76
 1,2,3-Trichloropropane
 Concen: 43.983 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004606.D
 Acq: 10 Aug 2018 19:07

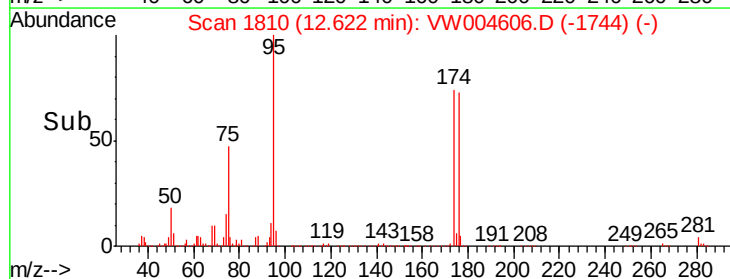
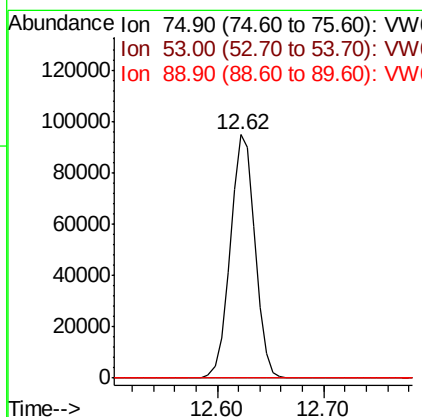
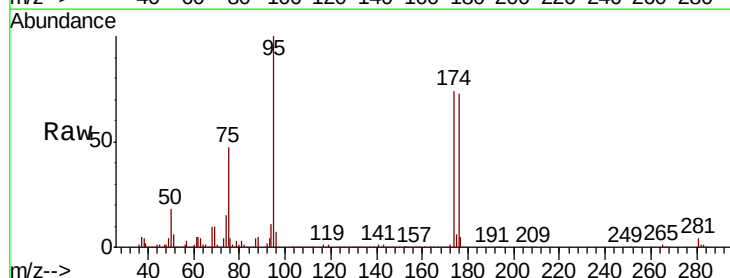
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12C

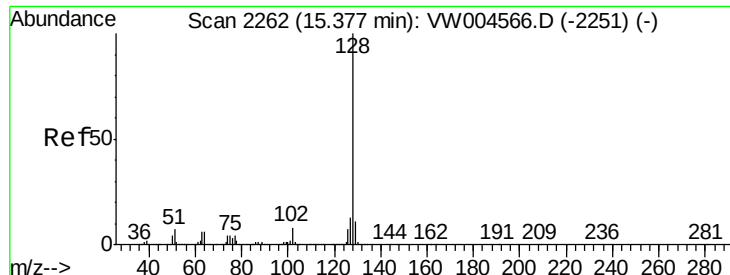
Tgt Ion: 75 Resp: 153693
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.288 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004606.D
 Acq: 10 Aug 2018 19:07

Tgt Ion: 75 Resp: 153693
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.4 111.6#
 89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 12.428 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004606.D

Acq: 10 Aug 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12C

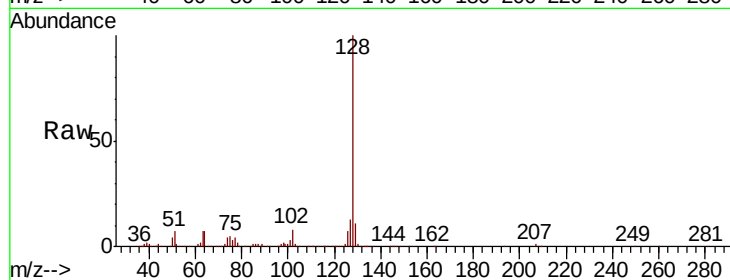
Tgt Ion:128 Resp: 152492

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.6 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

