

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004603.D
 Acq On : 10 Aug 2018 17:49
 Operator : SY/AP
 Sample : J4409-07
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 11 01:01:44 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	482064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	804830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	682334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	246967	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	268096	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	7.88	113	242580	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
50) Toluene-d8	10.33	98	803239	39.26	ug/l	0.00
Spiked Amount			Recovery	=	78.52%	
62) 4-Bromofluorobenzene	12.62	95	226673	30.76	ug/l	0.00
Spiked Amount			Recovery	=	61.52%	

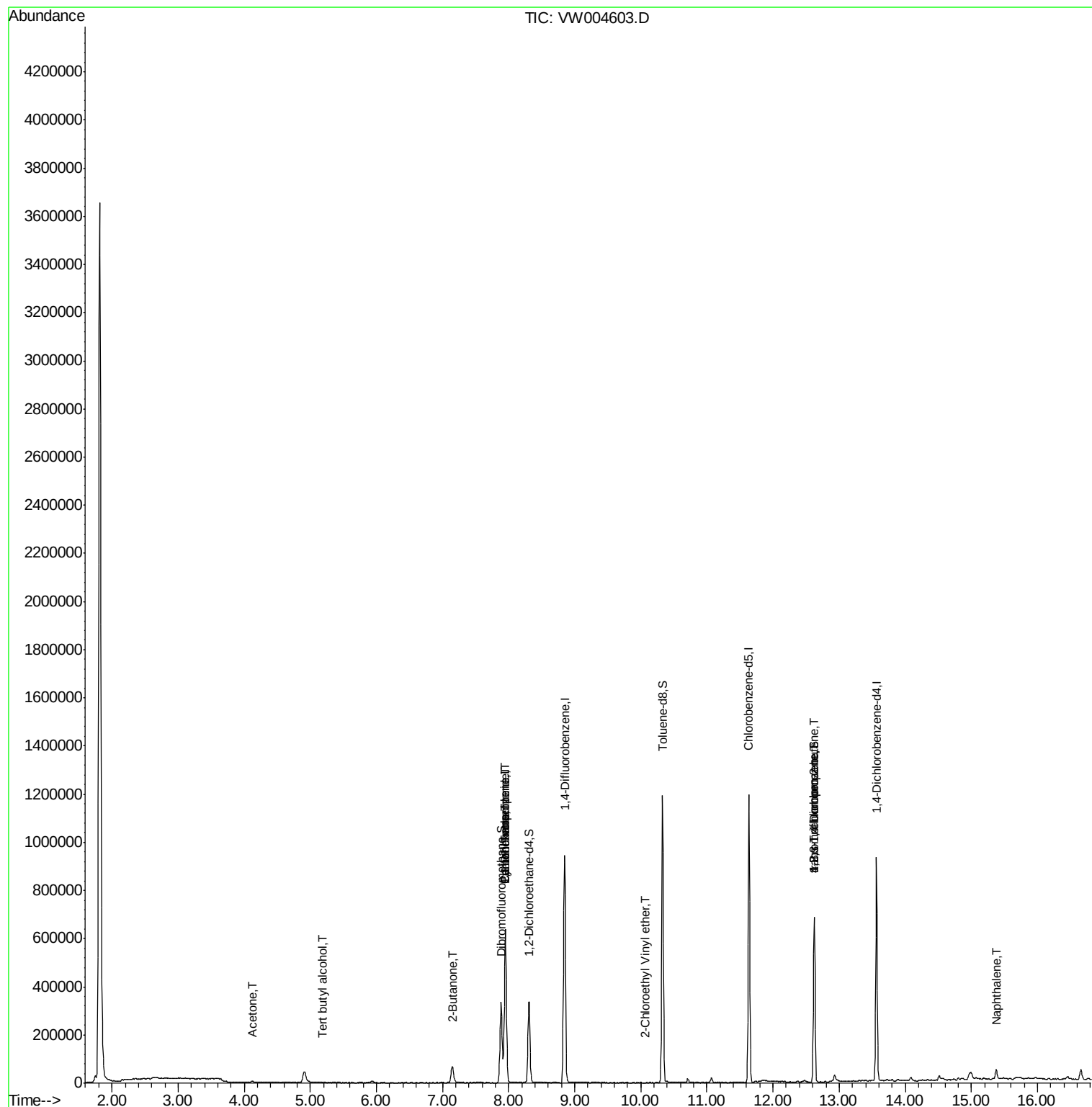
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	667	2.135	ug/l #	70
16) Acetone	4.13	43	9106	6.833	ug/l #	88
20) Methylene Chloride	4.90	84	40196	Below Cal		98
25) 2-Butanone	7.15	43	5084	2.372	ug/l #	71
31) Cyclohexane	7.95	56	12253	1.226	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38543	4.448	ug/l #	49
38) Carbon Tetrachloride	7.95	117	44812	5.747	ug/l #	18
58) 2-Chloroethyl Vinyl ether	10.06	63	26	8.953	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	108841	42.590	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	108841	101.954	ug/l #	13
95) Naphthalene	15.38	128	33675	5.787	ug/l	95

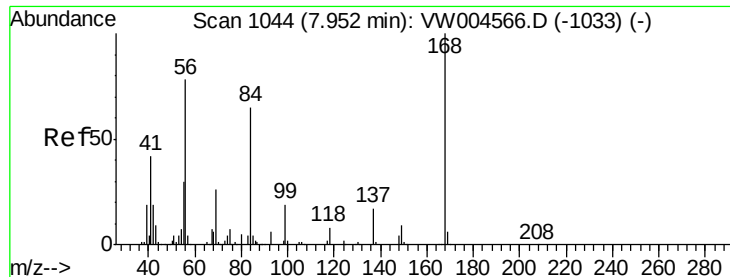
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004603.D
Acq On : 10 Aug 2018 17:49
Operator : SY/AP
Sample : J4409-07
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 11 01:01:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
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: VW004603.D

Acq: 10 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

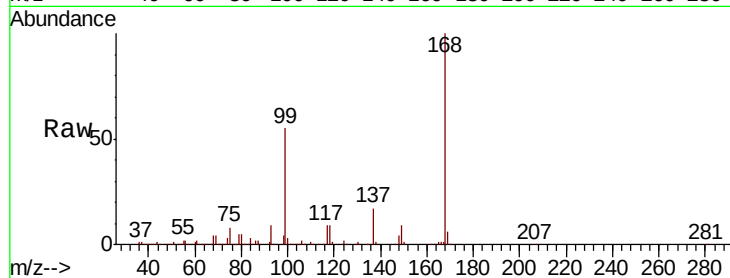
2018-NYSEG-CLARK-AREA-10D

Tgt Ion:168 Resp: 482064

Ion Ratio Lower Upper

168 100

99 55.2 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

250000

200000

150000

100000

50000

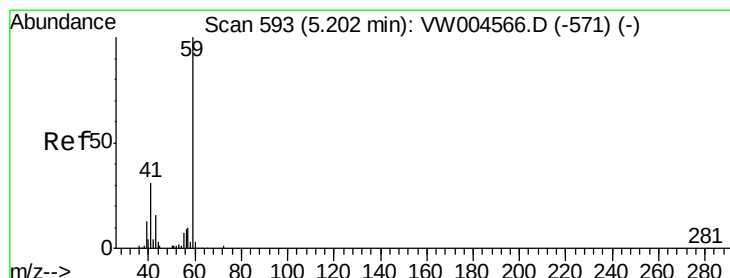
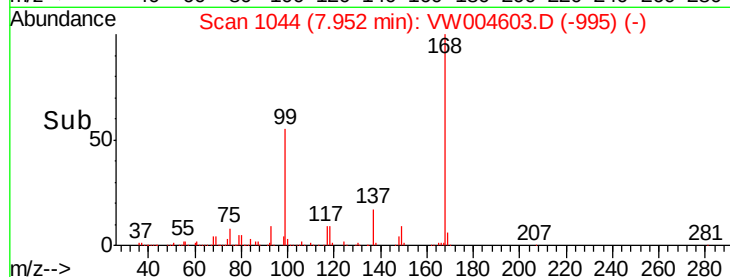
0

7.90

8.00

8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.135 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.04 min

Lab File: VW004603.D

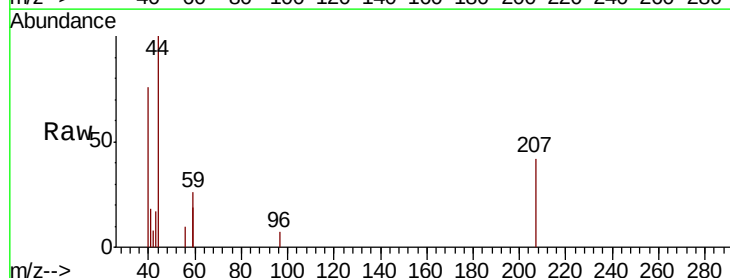
Acq: 10 Aug 2018 17:49

Tgt Ion: 59 Resp: 667

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

5.17

400

300

200

100

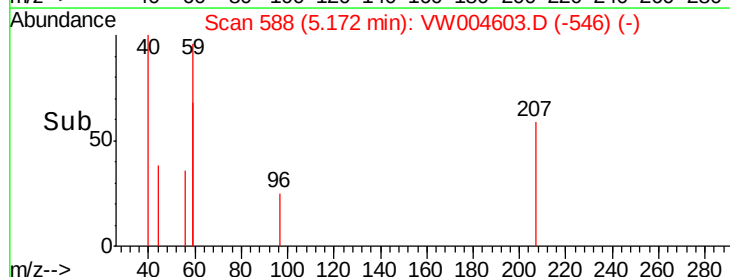
0

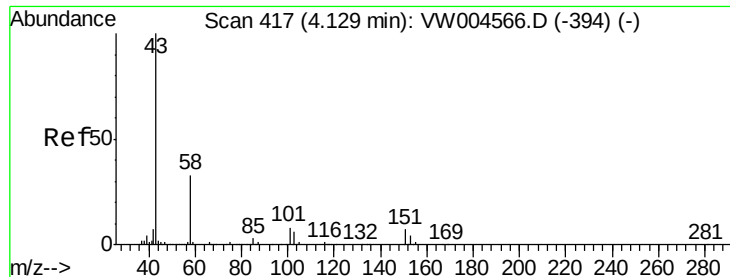
5.15

5.20

5.25

Time-->

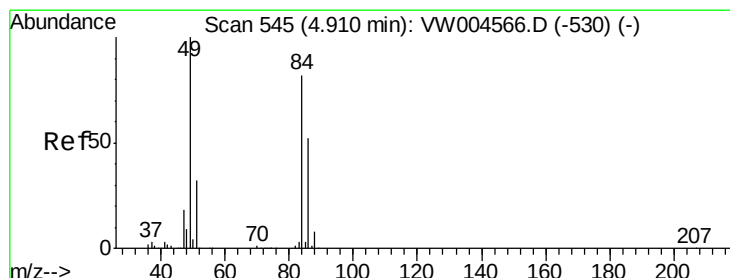
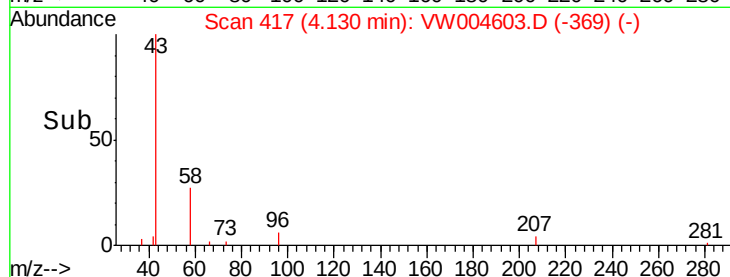
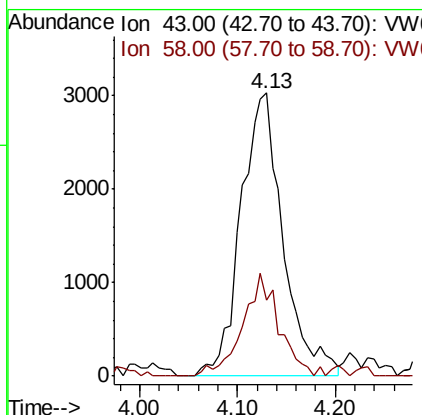
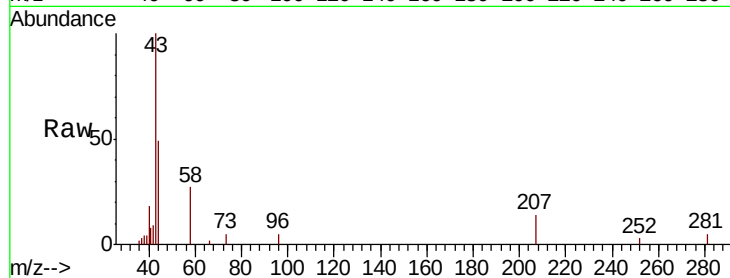




#16
Acetone
Concen: 6.833 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW004603.D
Acq: 10 Aug 2018 17:49

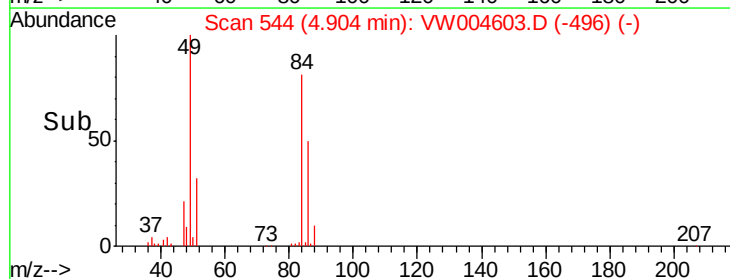
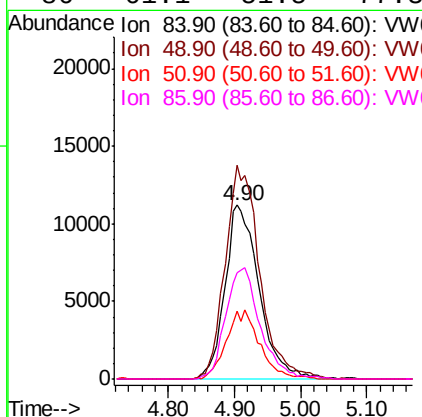
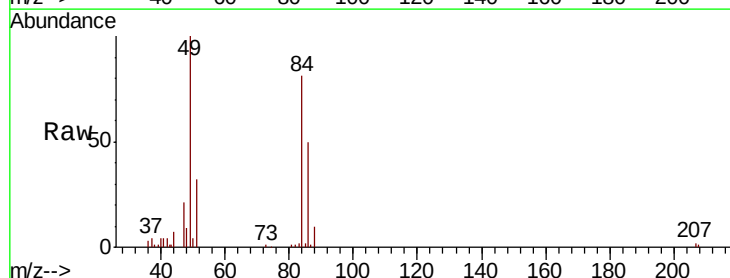
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-10D

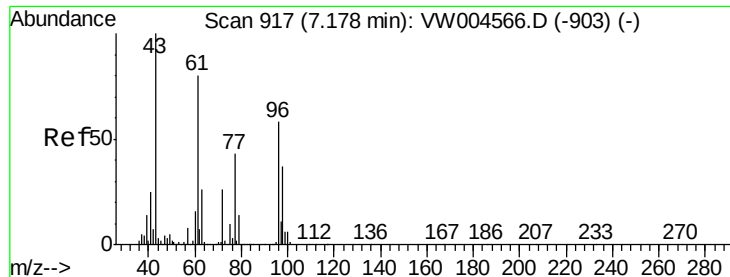
Tgt Ion: 43 Resp: 9106
Ion Ratio Lower Upper
43 100
58 26.7 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004603.D
Acq: 10 Aug 2018 17:49

Tgt Ion: 84 Resp: 40196
Ion Ratio Lower Upper
84 100
49 123.1 99.6 149.4
51 39.1 31.0 46.4
86 61.1 51.5 77.3





#25

2-Butanone

Concen: 2.372 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004603.D

Acq: 10 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

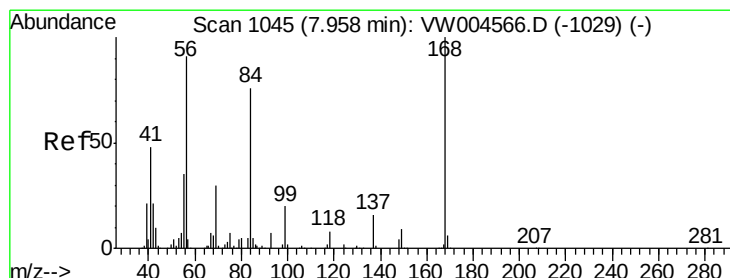
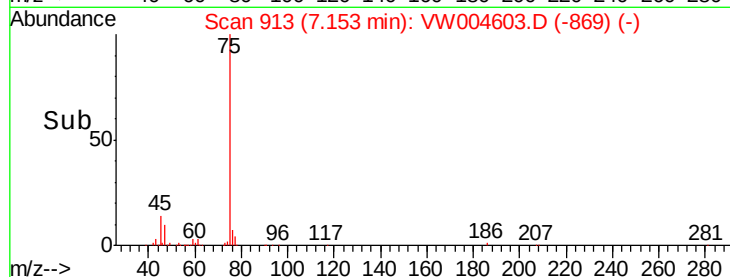
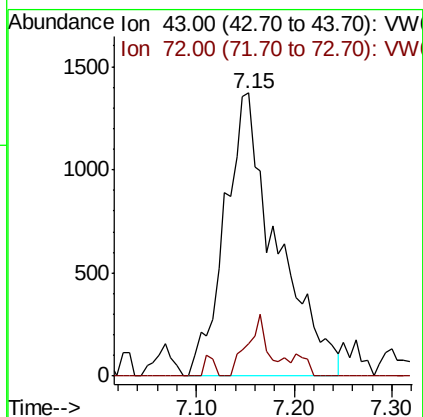
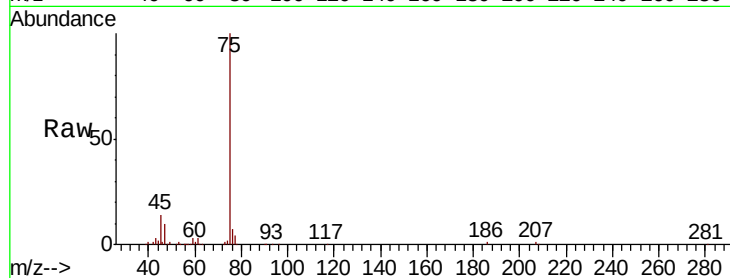
2018-NYSEG-CLARK-AREA-10D

Tgt Ion: 43 Resp: 5084

Ion Ratio Lower Upper

43 100

72 11.6 21.0 31.6#



#31

Cyclohexane

Concen: 1.226 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004603.D

Acq: 10 Aug 2018 17:49

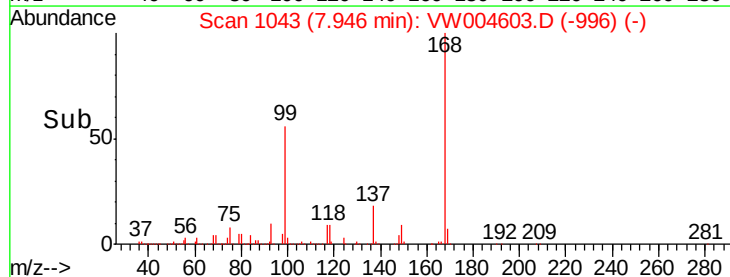
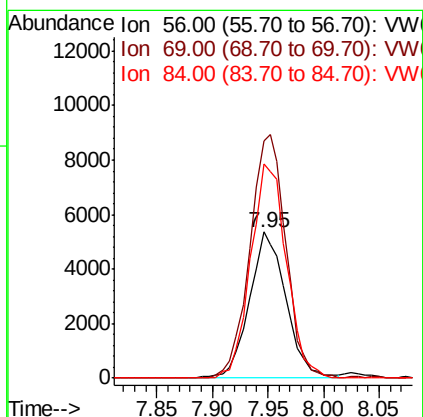
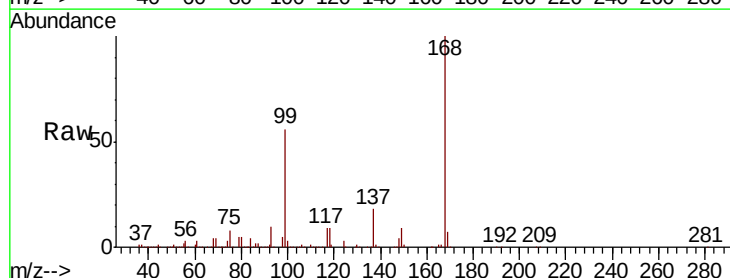
Tgt Ion: 56 Resp: 12253

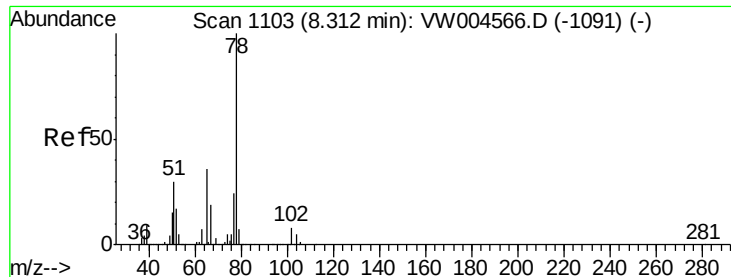
Ion Ratio Lower Upper

56 100

69 162.7 26.4 39.6#

84 146.4 66.9 100.3#

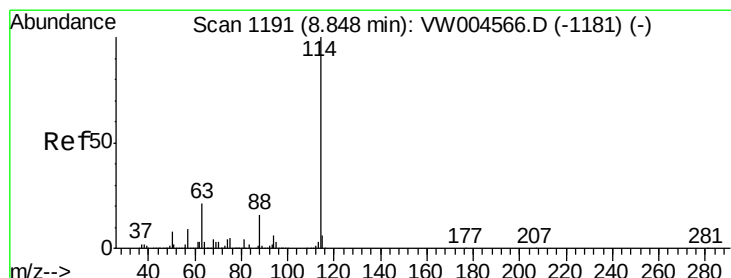
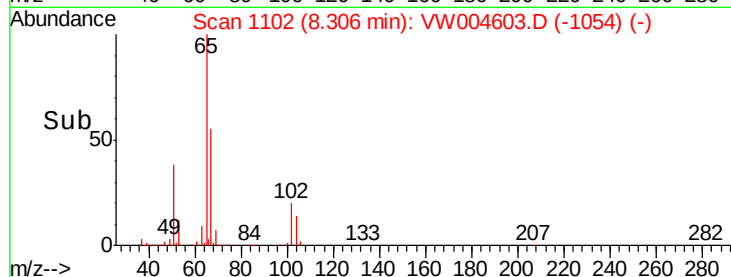
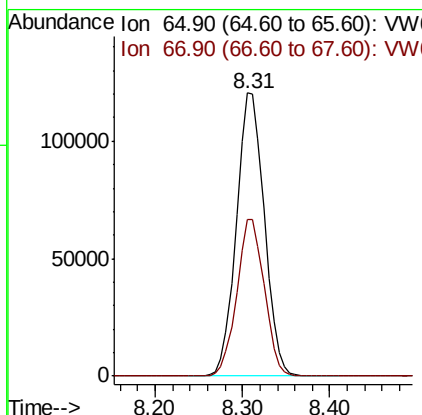
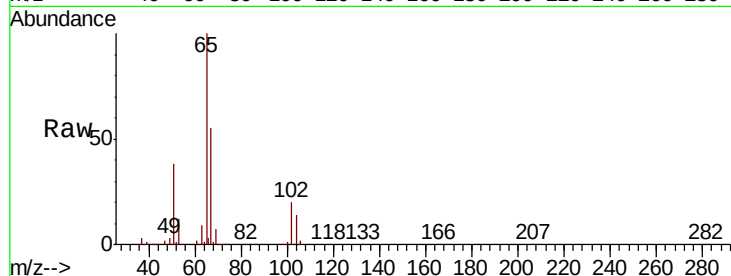




#33
 1,2-Dichloroethane-d4
 Concen: 50.240 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004603.D
 Acq: 10 Aug 2018 17:49

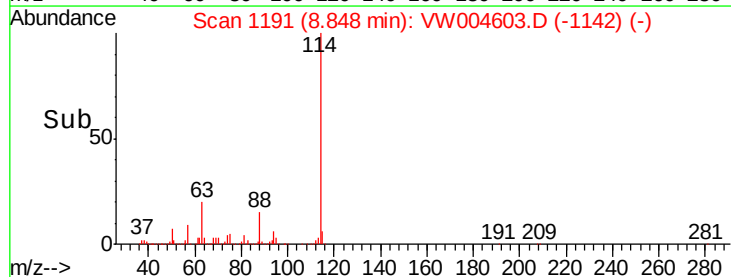
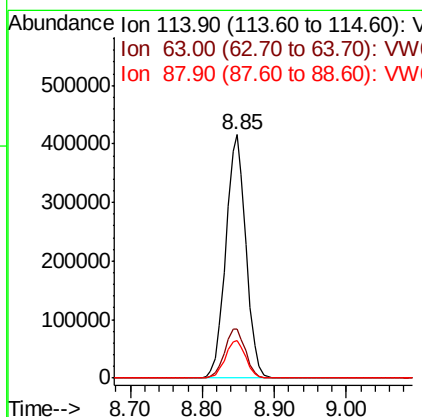
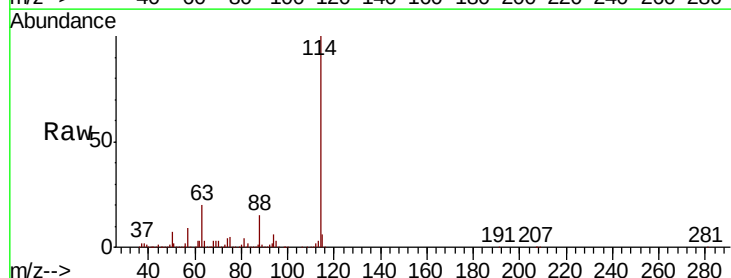
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10D

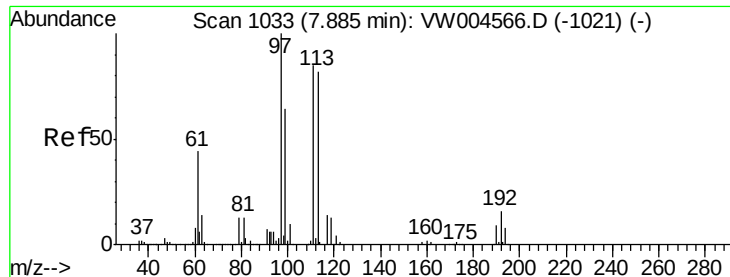
Tgt Ion: 65 Resp: 268096
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004603.D
 Acq: 10 Aug 2018 17:49

Tgt Ion: 114 Resp: 804830
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 15.3 0.0 31.2

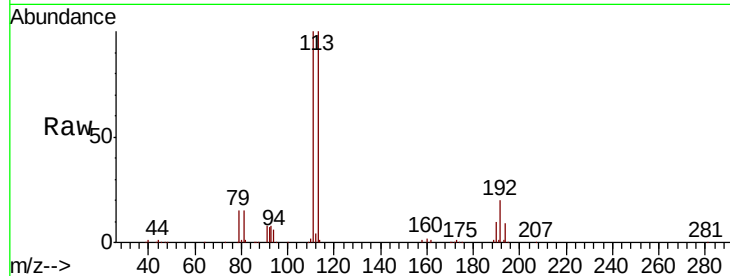




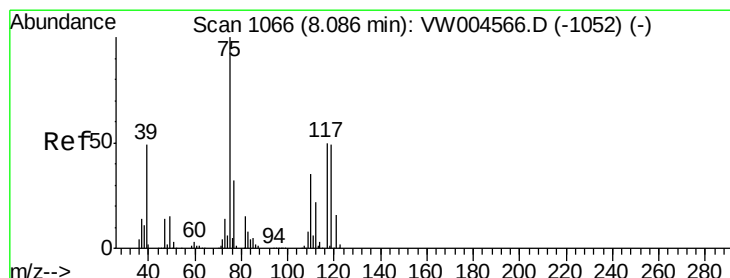
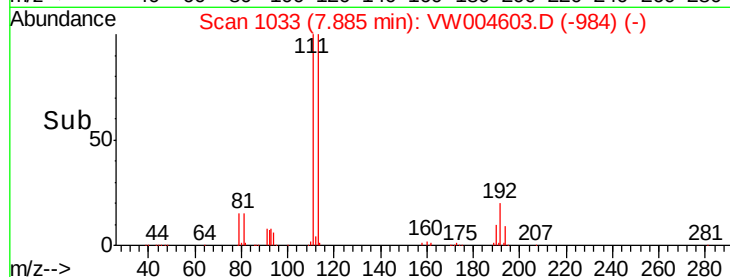
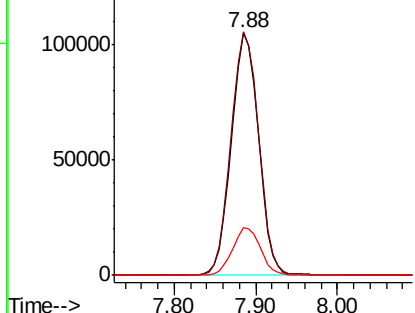
#35
 Dibromofluoromethane
 Concen: 45.204 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004603.D
 Acq: 10 Aug 2018 17:49

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

Tgt Ion: 113 Resp: 242580
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 20.1 15.8 23.6

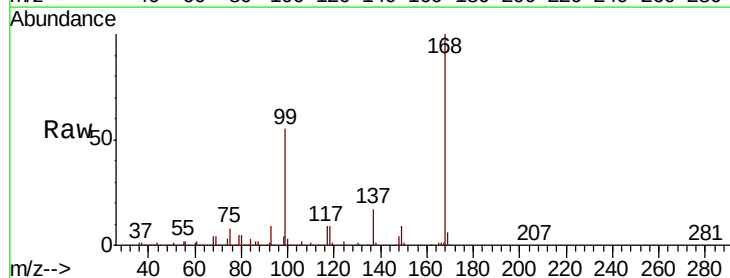


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

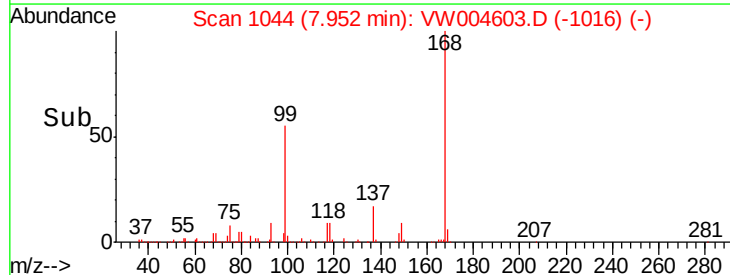
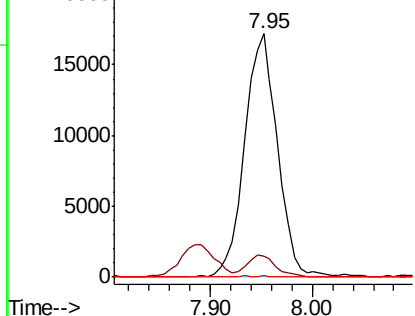


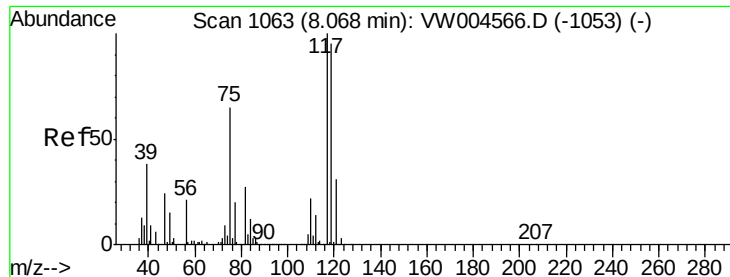
#36
 1,1-Dichloropropene
 Concen: 4.448 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004603.D
 Acq: 10 Aug 2018 17:49

Tgt Ion: 75 Resp: 38543
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.4 52.2#
 77 0.1 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.747 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004603.D

Acq: 10 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10D

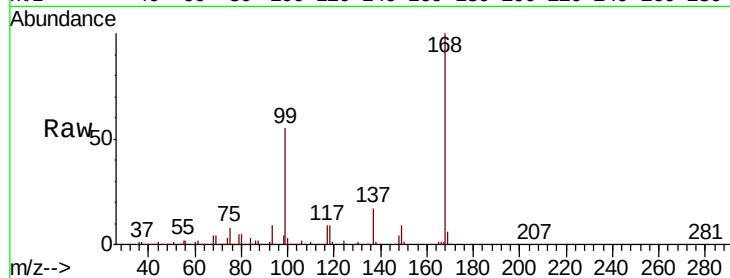
Tgt Ion:117 Resp: 44812

Ion Ratio Lower Upper

117 100

119 7.4 76.1 114.1#

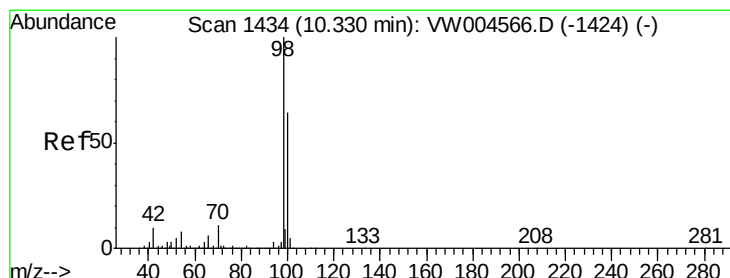
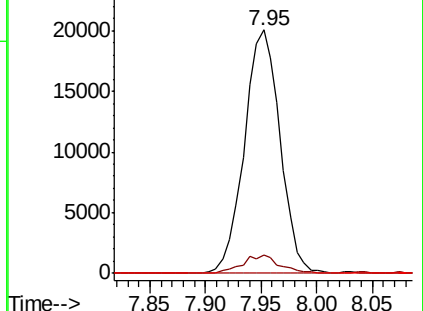
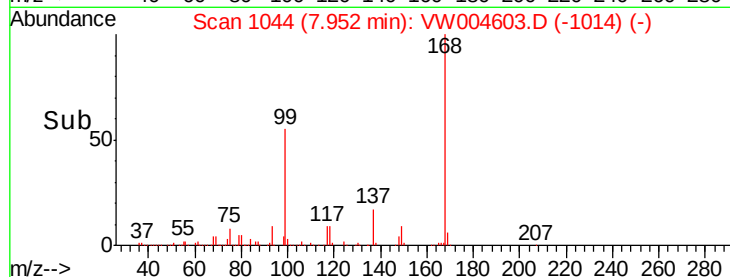
121 0.0 24.2 36.4#



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: 39.262 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004603.D

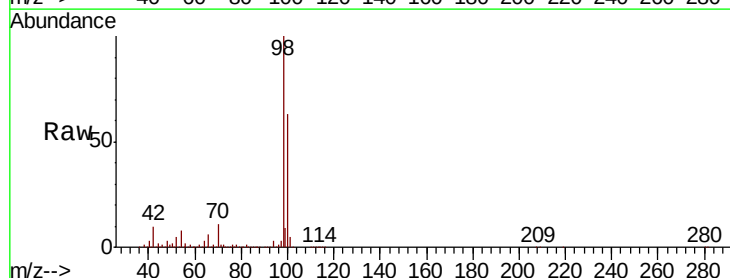
Acq: 10 Aug 2018 17:49

Tgt Ion: 98 Resp: 803239

Ion Ratio Lower Upper

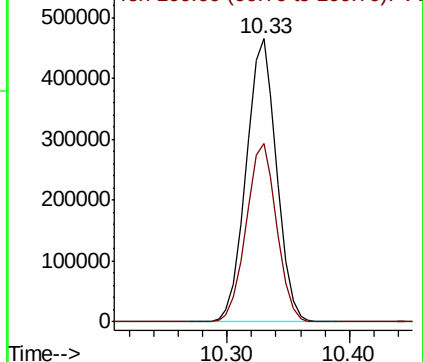
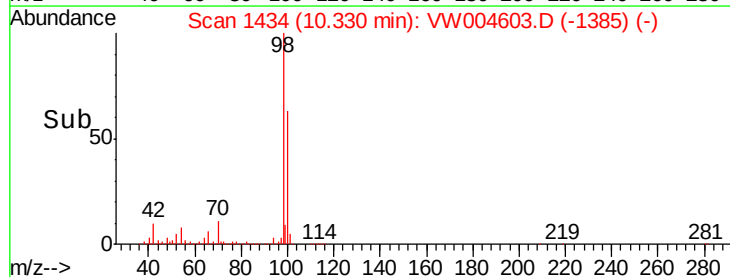
98 100

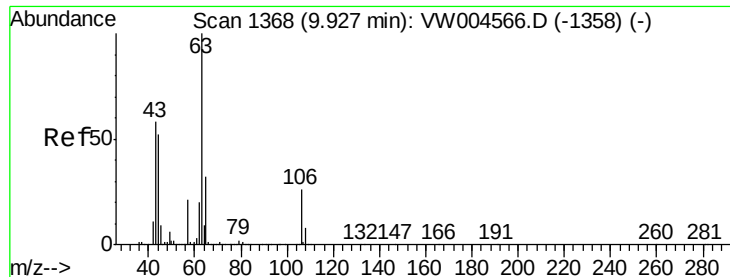
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

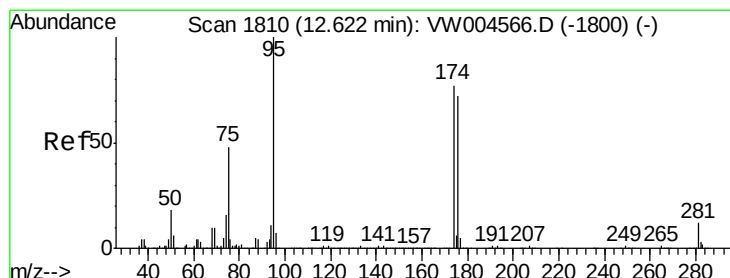
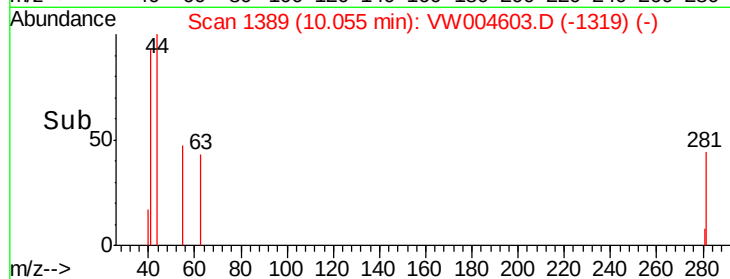
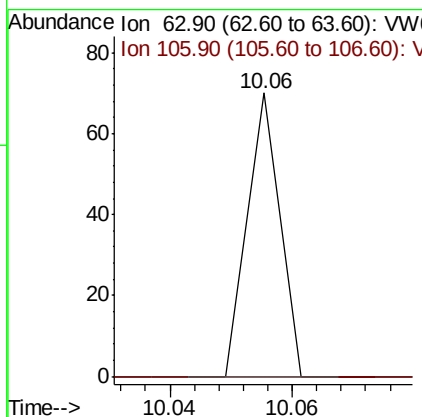
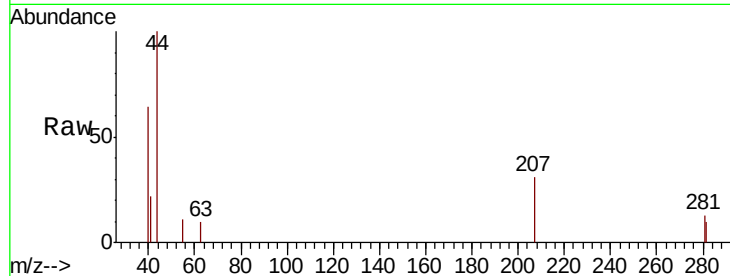




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.953 ug/l
 RT: 10.06 min Scan# 1389
 Delta R.T. 0.13 min
 Lab File: VW004603.D
 Acq: 10 Aug 2018 17:49

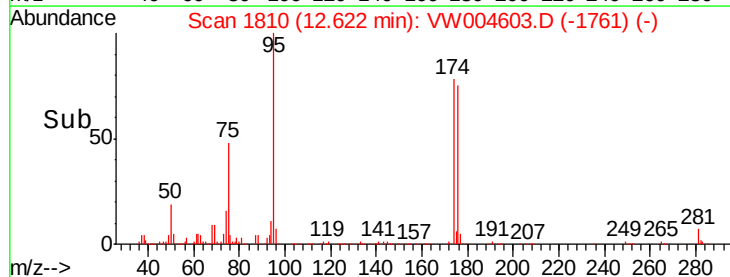
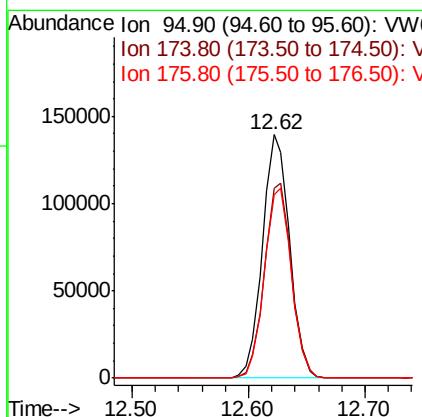
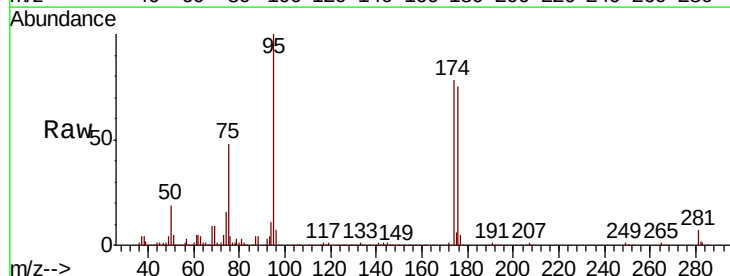
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-10D

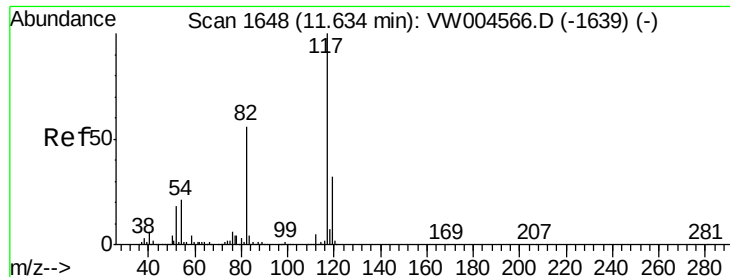
Tgt Ion: 63 Resp: 26
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 30.758 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004603.D
 Acq: 10 Aug 2018 17:49

Tgt Ion: 95 Resp: 226673
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 160.4
 176 77.6 0.0 153.2

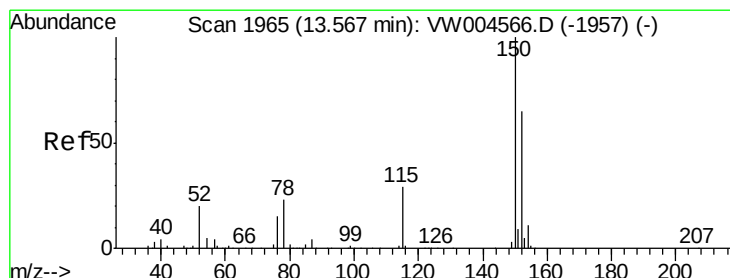
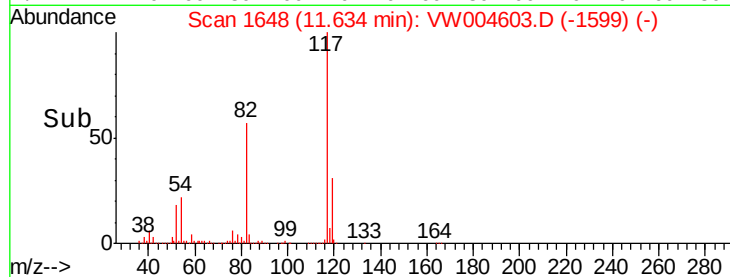
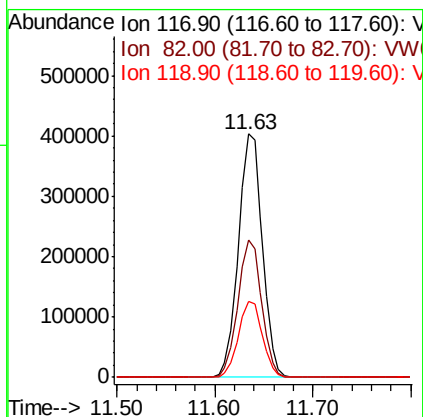
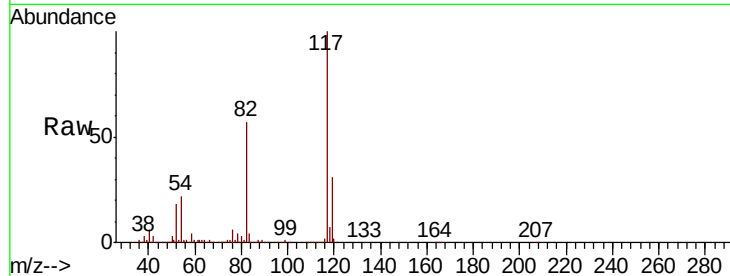




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004603.D
Acq: 10 Aug 2018 17:49

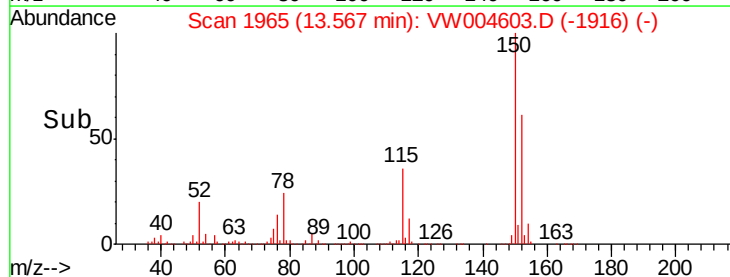
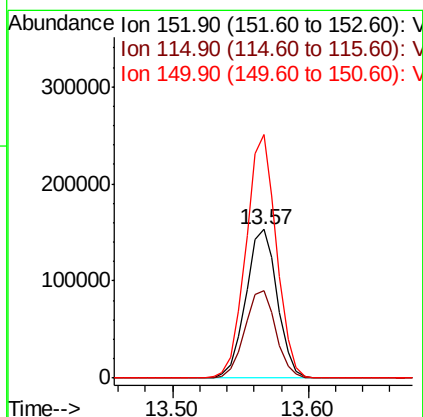
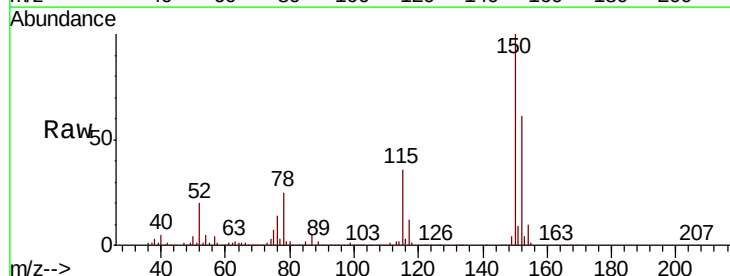
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-10D

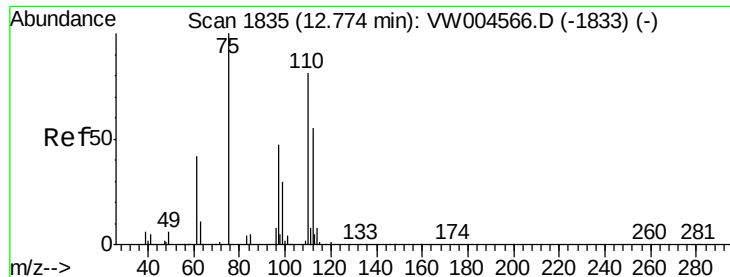
Tgt Ion:117 Resp: 682334
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004603.D
Acq: 10 Aug 2018 17:49

Tgt Ion:152 Resp: 246967
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 159.0 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 42.590 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004603.D

Acq: 10 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

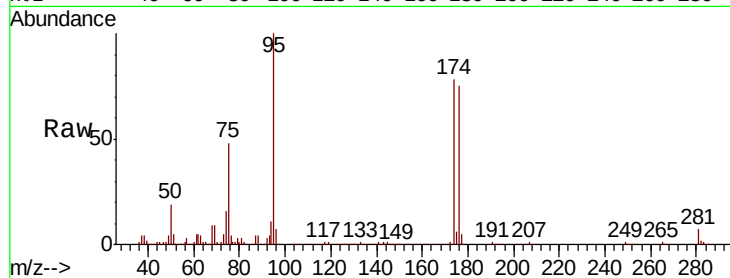
2018-NYSEG-CLARK-AREA-10D

Tgt Ion: 75 Resp: 108841

Ion Ratio Lower Upper

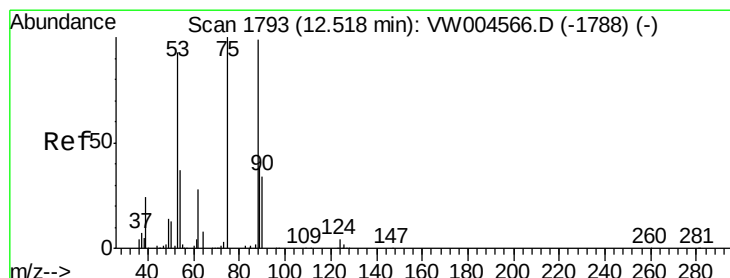
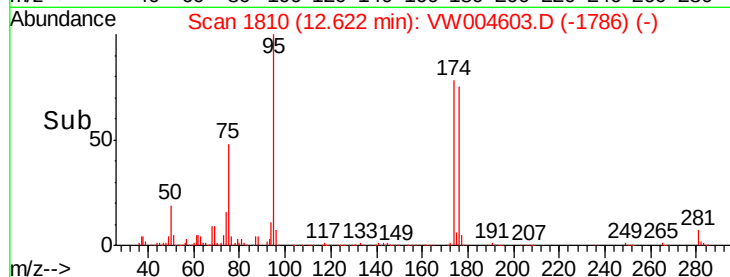
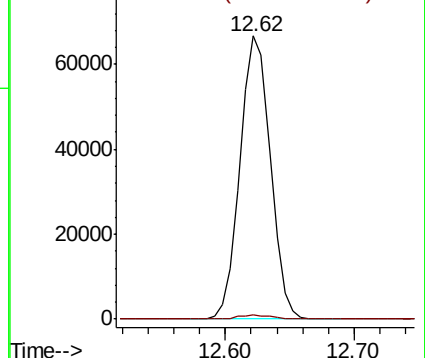
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 101.954 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004603.D

Acq: 10 Aug 2018 17:49

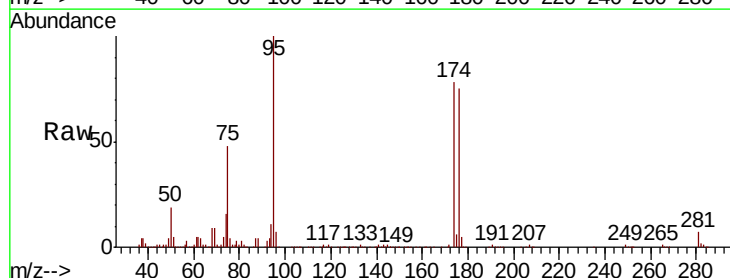
Tgt Ion: 75 Resp: 108841

Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

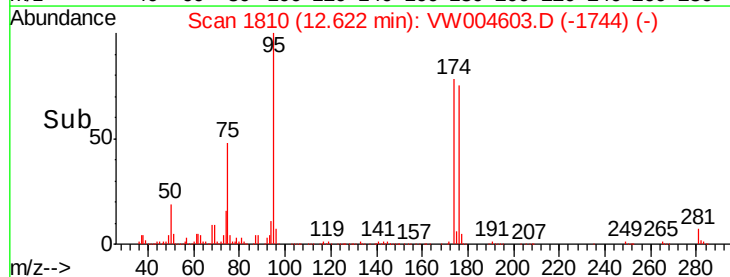
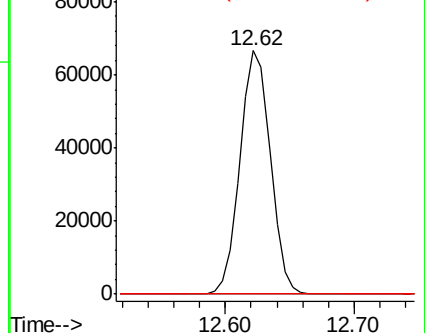
89 0.0 35.9 53.9#

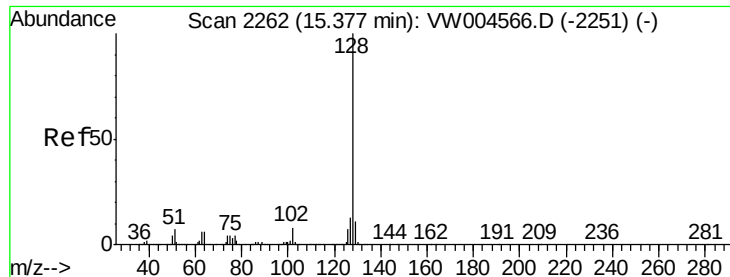


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95
Naphthalene
Concen: 5.787 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004603.D
Acq: 10 Aug 2018 17:49

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	12.5	8.6	13.0

