

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004601.D
 Acq On : 10 Aug 2018 16:58
 Operator : SY/AP
 Sample : J4409-03
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 11 01:01:22 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	635061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1081148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	968925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	362713	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	358798	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
35) Dibromofluoromethane	7.89	113	331437	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	10.33	98	1131401	41.17	ug/l	0.00
Spiked Amount			Recovery	=	82.34%	
62) 4-Bromofluorobenzene	12.62	95	368312	37.20	ug/l	0.00
Spiked Amount			Recovery	=	74.40%	

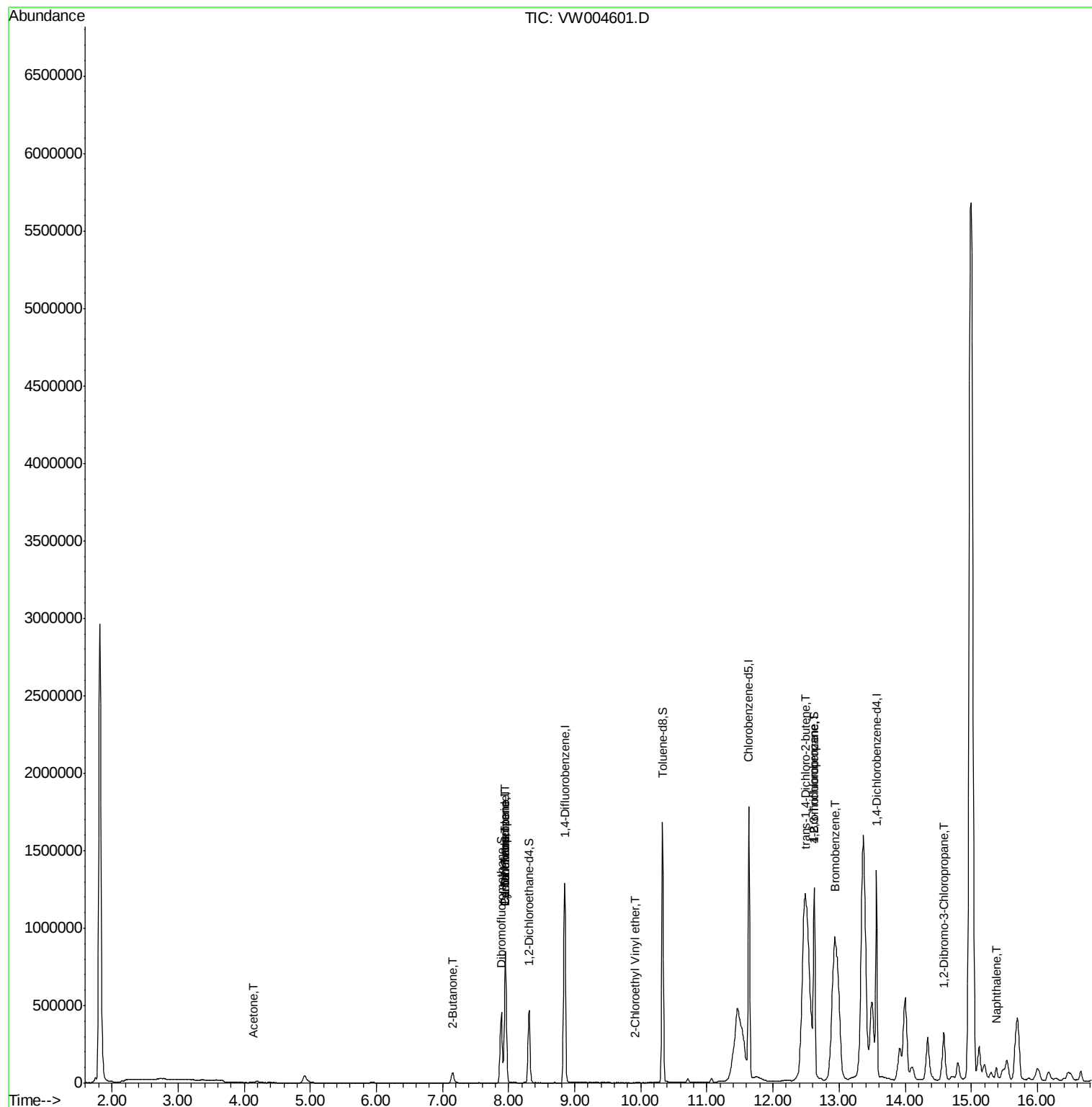
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5444	3.101	ug/l #	76
20) Methylene Chloride	4.92	84	44688	Below Cal		91
25) 2-Butanone	7.16	43	3569	1.264	ug/l #	76
31) Cyclohexane	7.95	56	13964	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	49002	4.209	ug/l #	50
38) Carbon Tetrachloride	7.95	117	60959	5.819	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.91	63	117	8.972	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	186122	49.589	ug/l #	100
77) Bromobenzene	12.94	156	1488366	245.200	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	47257	30.141	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.58	75	7773	9.083	ug/l #	2
95) Naphthalene	15.38	128	51539	5.908	ug/l	99

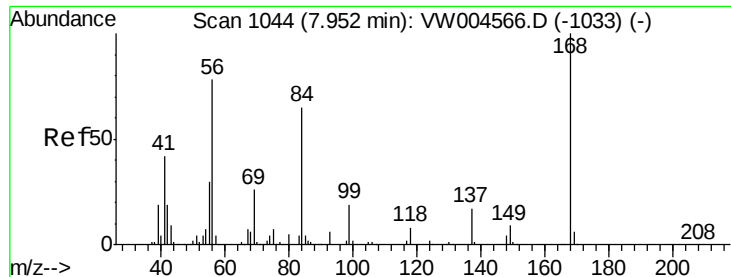
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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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: VW004601.D

Acq: 10 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

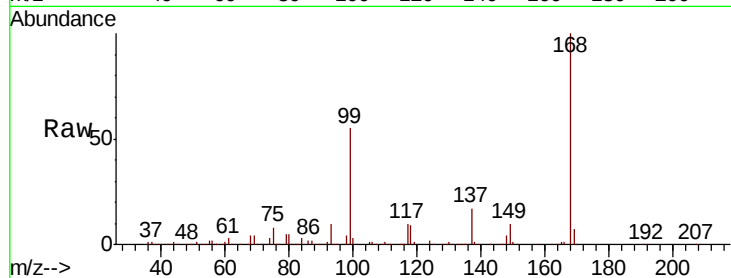
2018-NYSEG-CLARK-AREA-10B

Tgt Ion:168 Resp: 635061

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

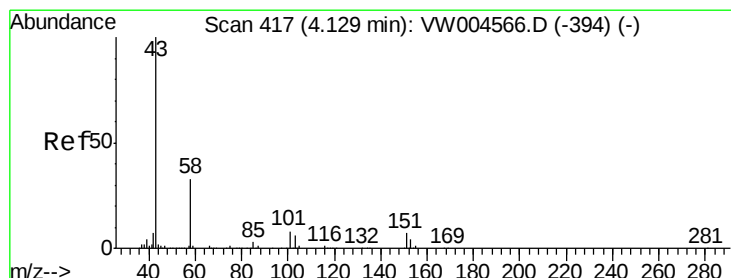
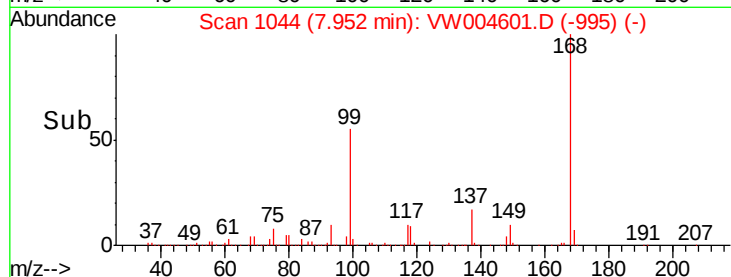
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.101 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004601.D

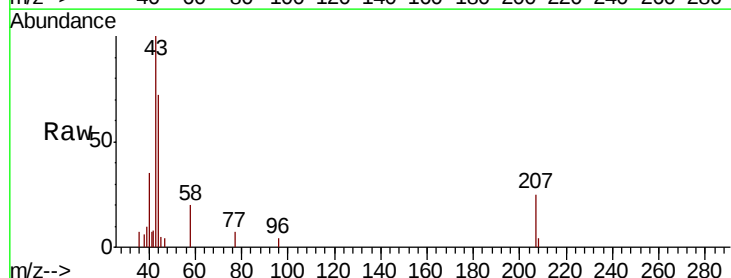
Acq: 10 Aug 2018 16:58

Tgt Ion: 43 Resp: 5444

Ion Ratio Lower Upper

43 100

58 19.7 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

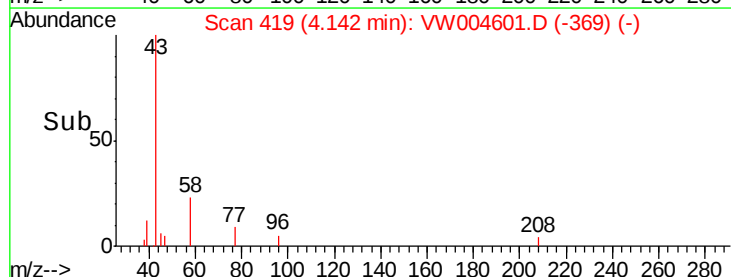
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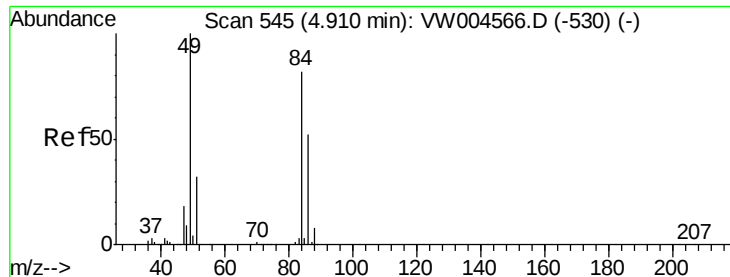
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Time-->

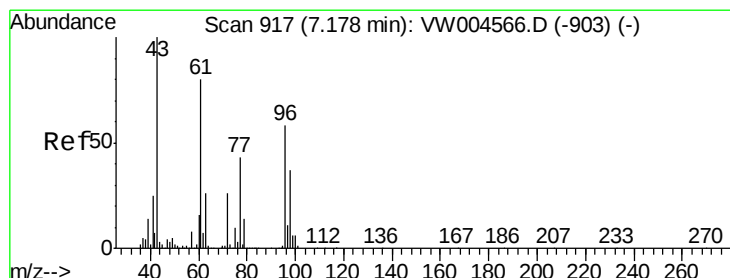
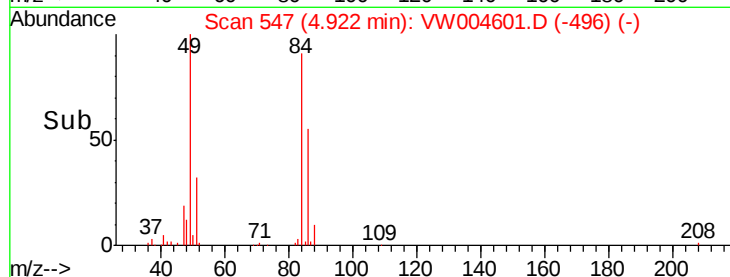
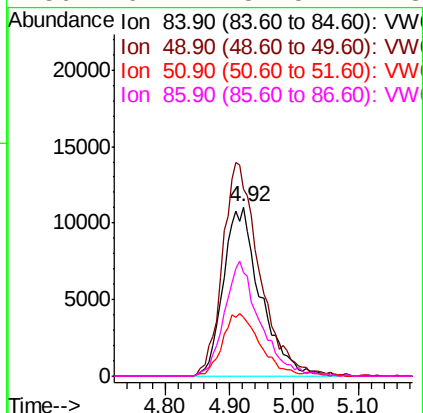
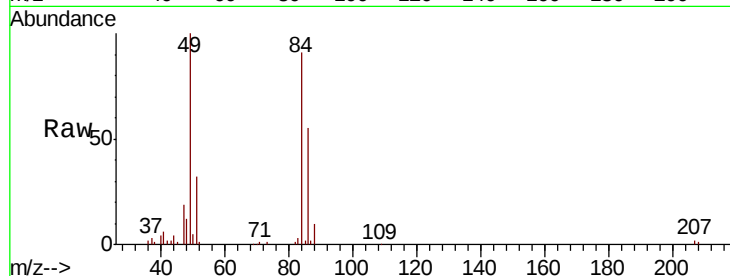




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW004601.D
Acq: 10 Aug 2018 16:58

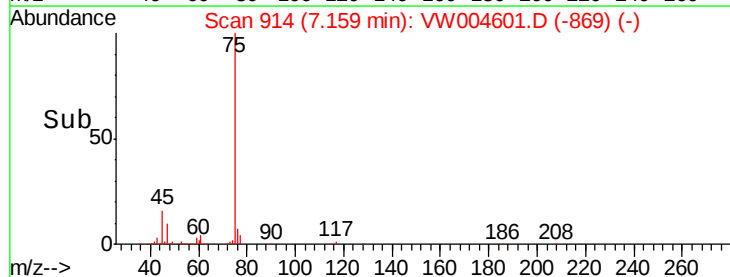
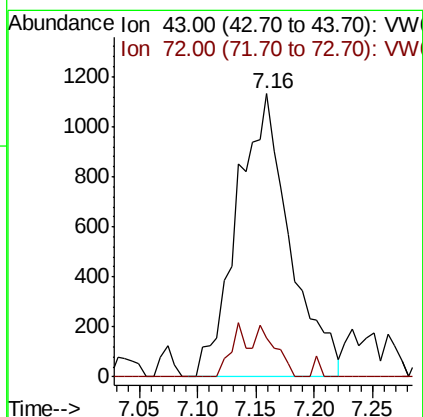
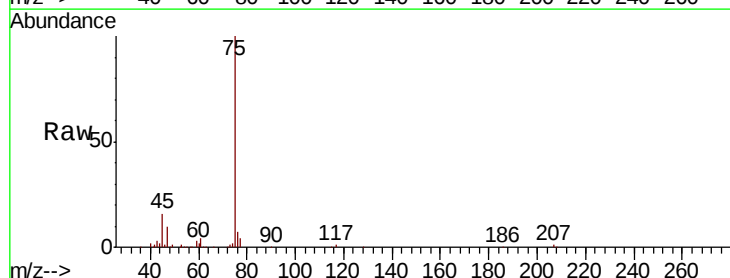
Instrument :
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2018-NYSEG-CLARK-AREA-10B

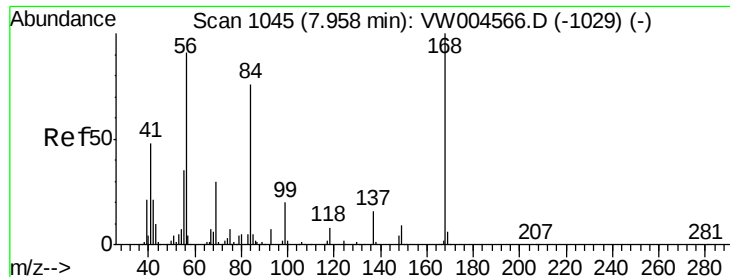
Tgt Ion: 84 Resp: 44688
Ion Ratio Lower Upper
84 100
49 110.3 99.6 149.4
51 35.0 31.0 46.4
86 61.2 51.5 77.3



#25
2-Butanone
Concen: 1.264 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004601.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
72 13.9 21.0 31.6#

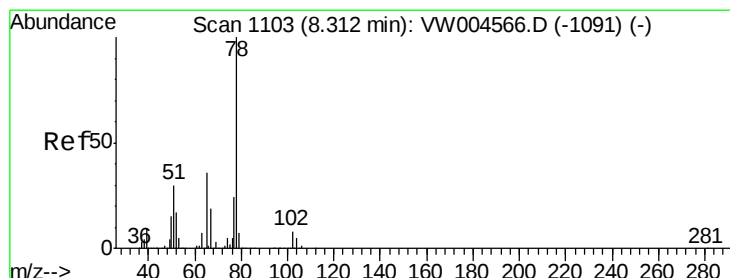
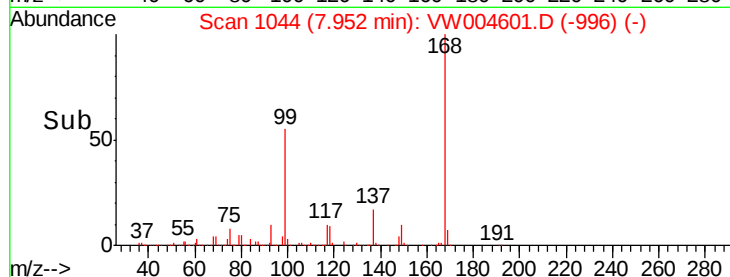
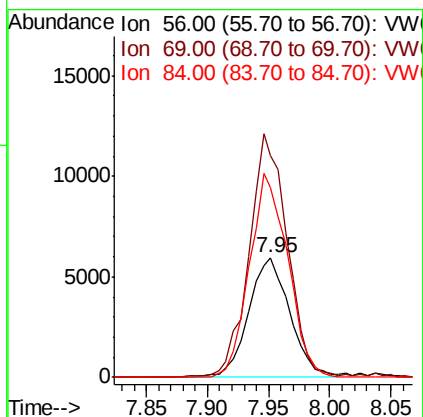
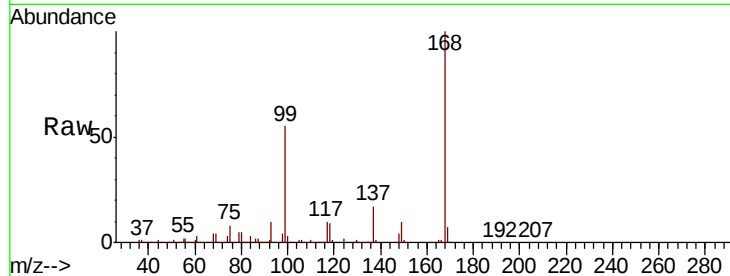




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004601.D
Acq: 10 Aug 2018 16:58

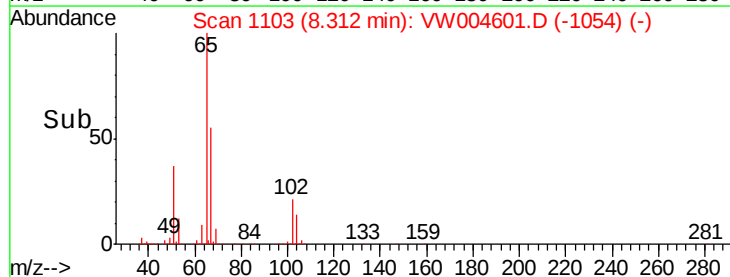
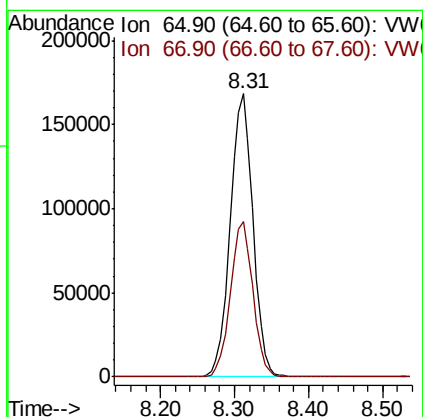
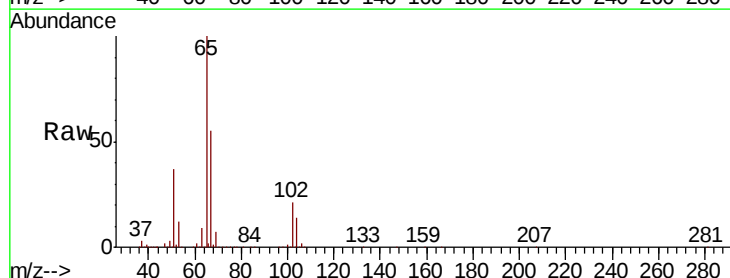
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-10B

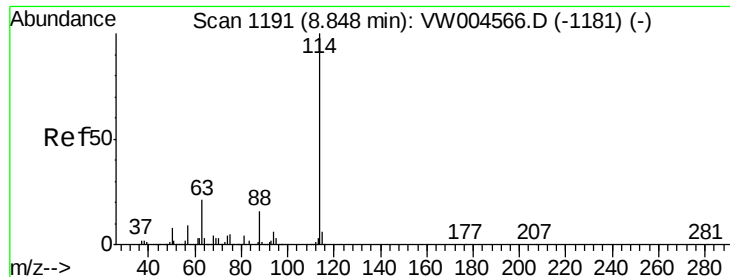
Tgt Ion: 56 Resp: 13964
Ion Ratio Lower Upper
56 100
69 184.1 26.4 39.6#
84 158.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.039 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004601.D
Acq: 10 Aug 2018 16:58

Tgt Ion: 65 Resp: 358798
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

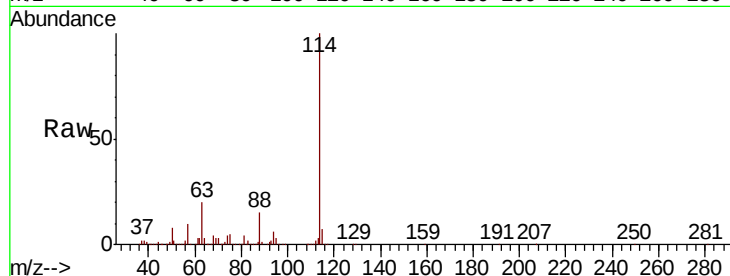




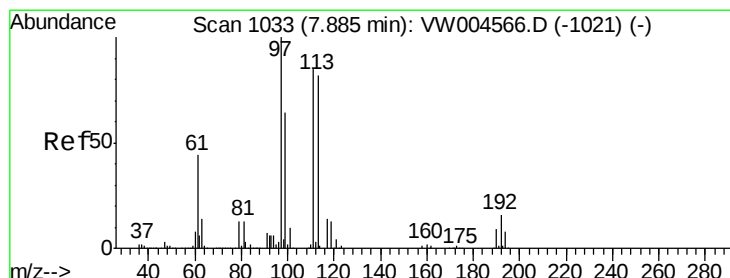
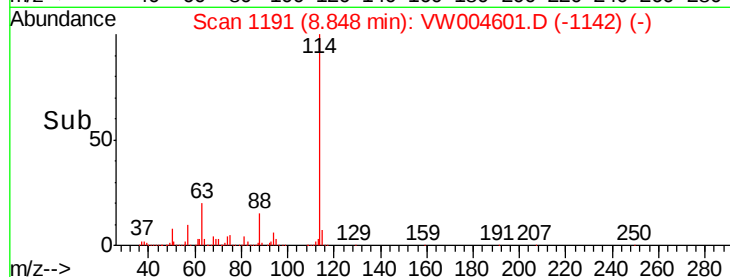
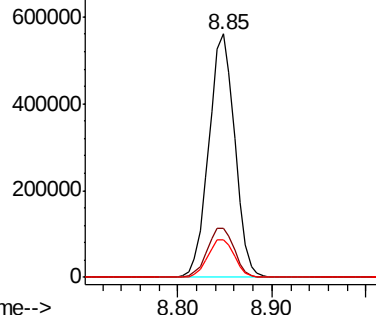
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004601.D
 Acq: 10 Aug 2018 16:58

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

Tgt Ion:114 Resp: 1081148
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.4 0.0 31.2

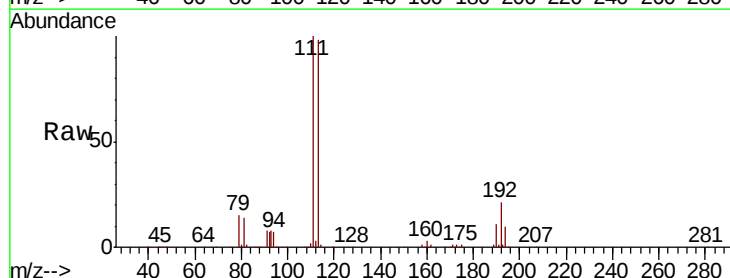


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

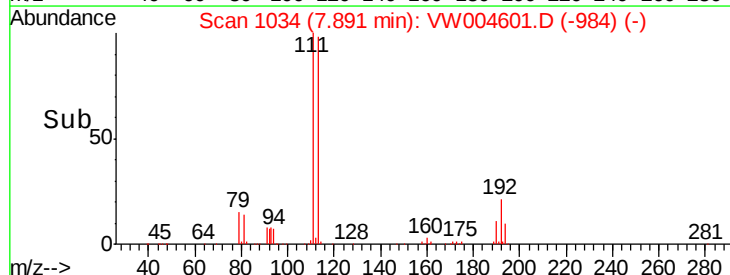
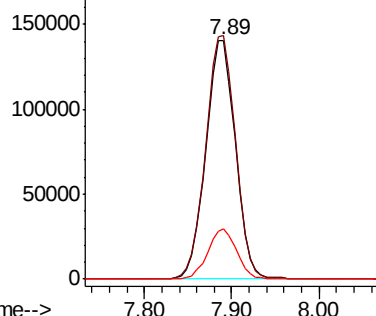


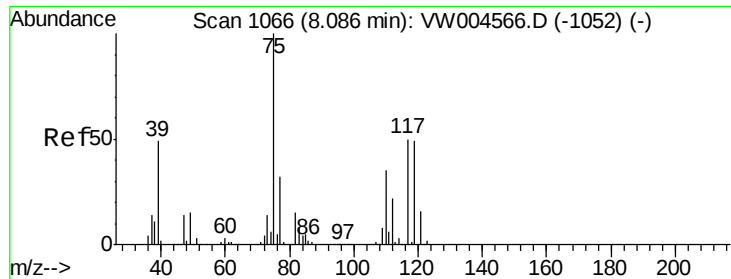
#35
 Dibromofluoromethane
 Concen: 45.977 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004601.D
 Acq: 10 Aug 2018 16:58

Tgt Ion:113 Resp: 331437
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 20.3 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: 4.209 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004601.D

Acq: 10 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10B

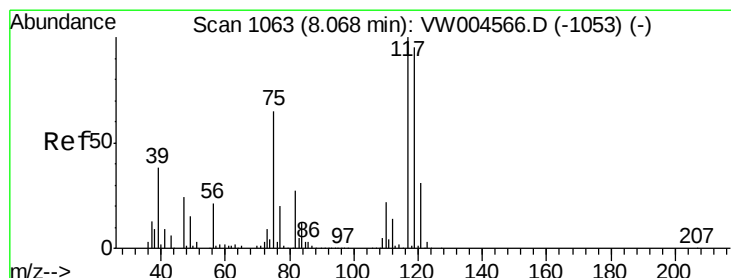
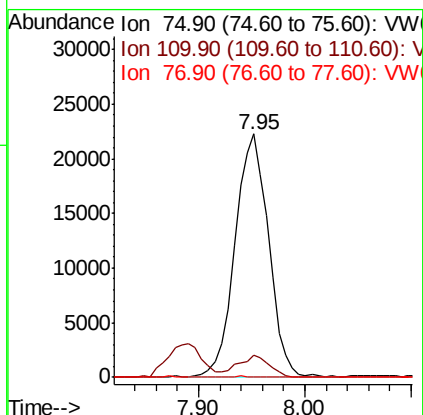
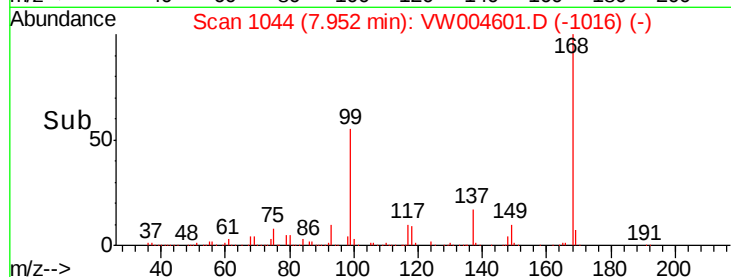
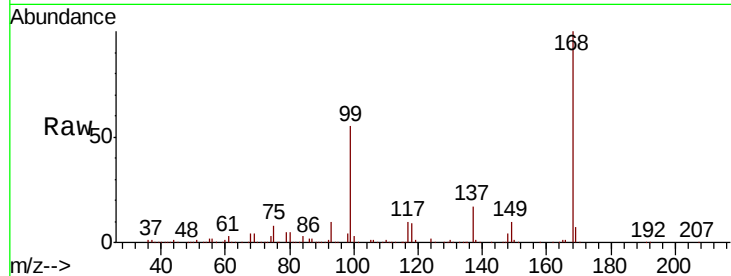
Tgt Ion: 75 Resp: 49002

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.2#

77 0.3 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.819 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004601.D

Acq: 10 Aug 2018 16:58

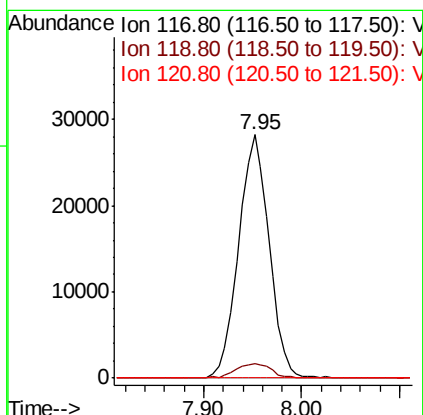
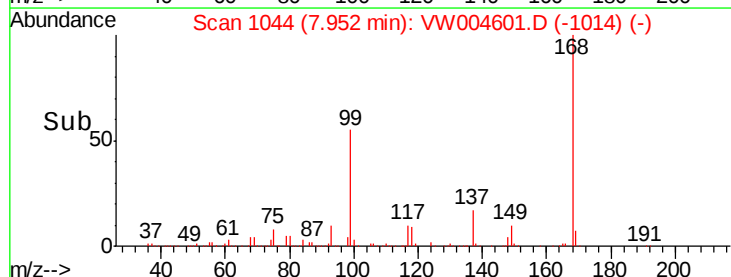
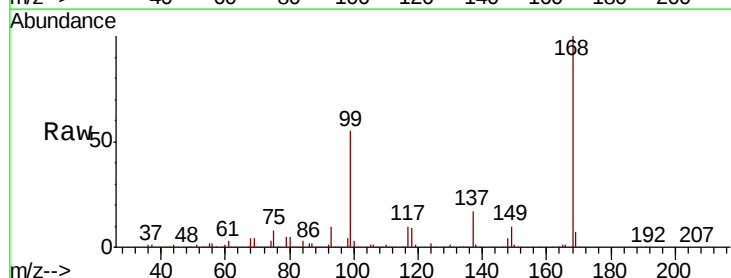
Tgt Ion: 117 Resp: 60959

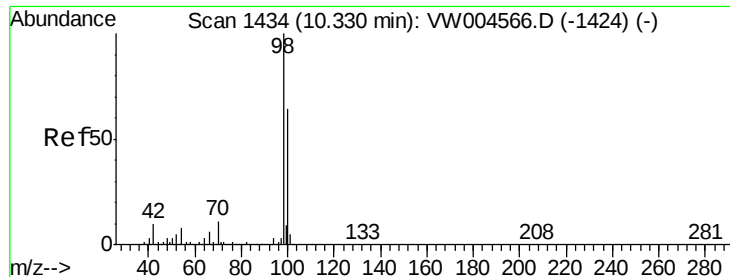
Ion Ratio Lower Upper

117 100

119 6.1 76.1 114.1#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 41.168 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004601.D

Acq: 10 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

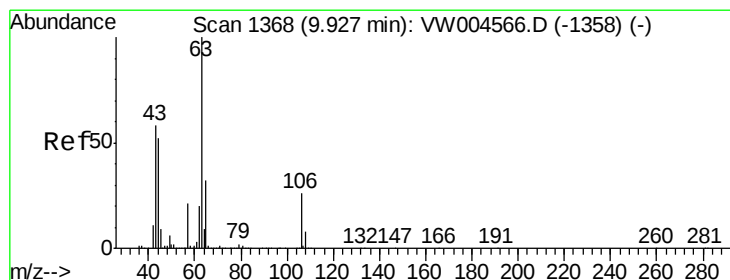
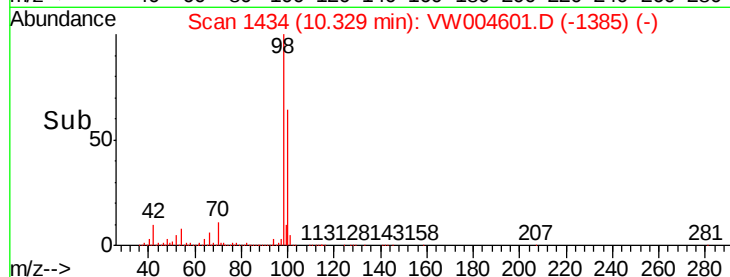
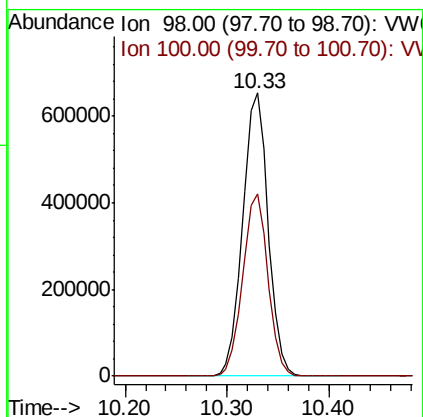
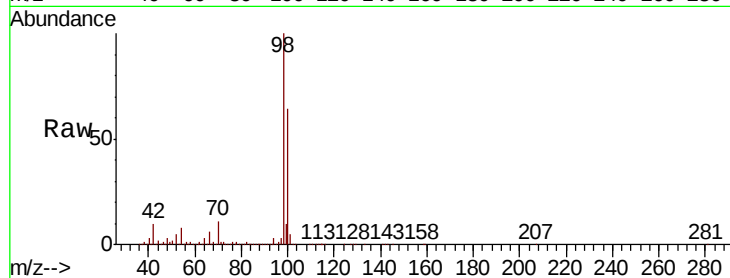
2018-NYSEG-CLARK-AREA-10B

Tgt Ion: 98 Resp: 1131401

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.972 ug/l

RT: 9.91 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VW004601.D

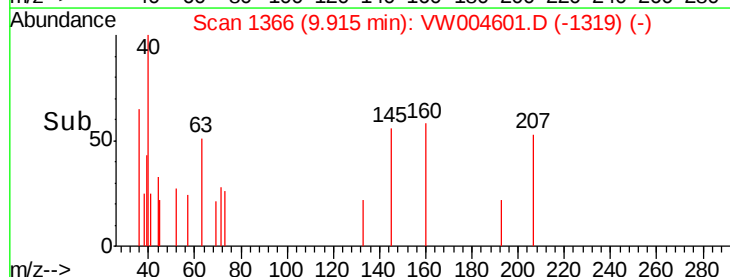
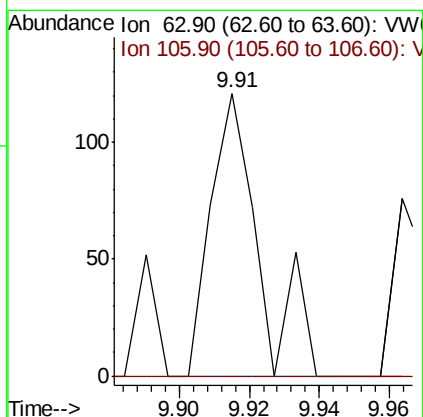
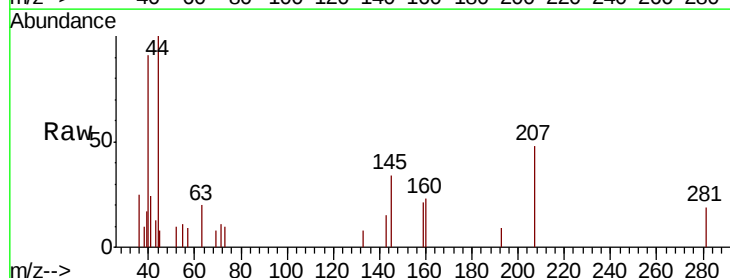
Acq: 10 Aug 2018 16:58

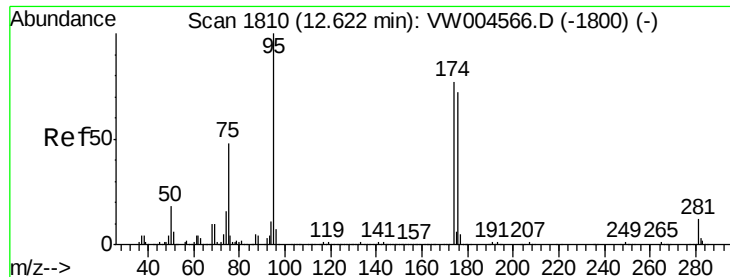
Tgt Ion: 63 Resp: 117

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

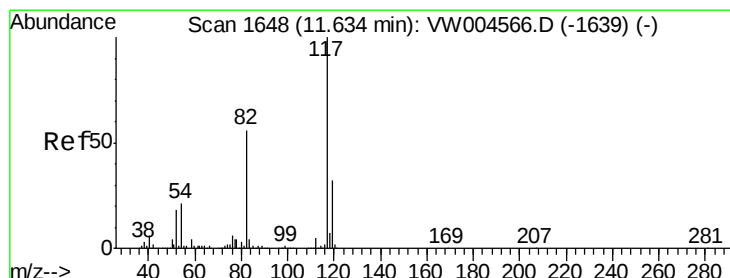
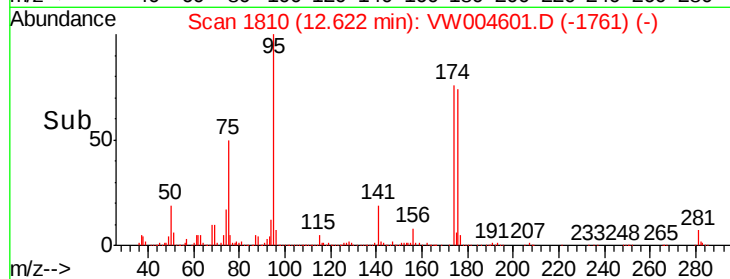
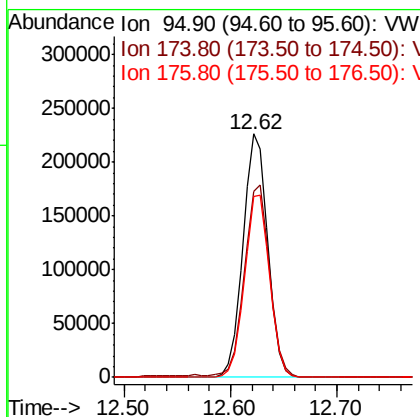
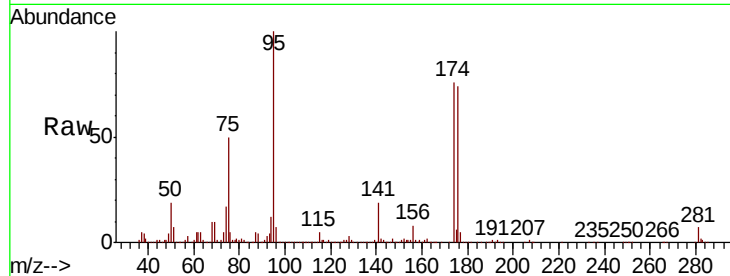




#62
4-Bromofluorobenzene
Concen: 37.205 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004601.D
Acq: 10 Aug 2018 16:58

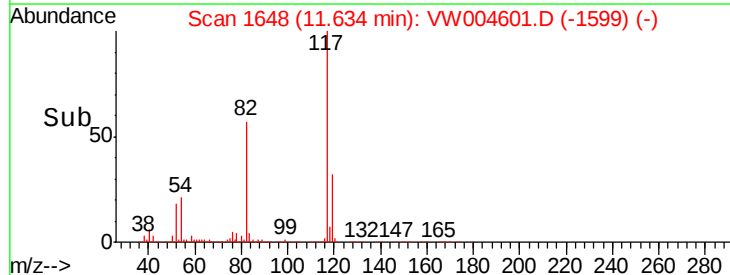
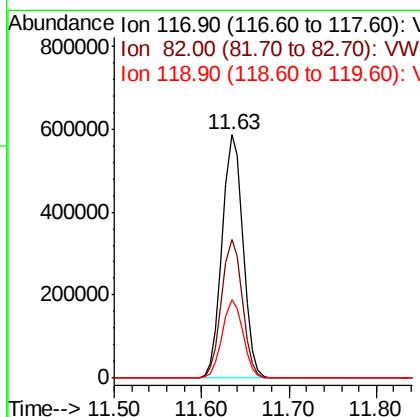
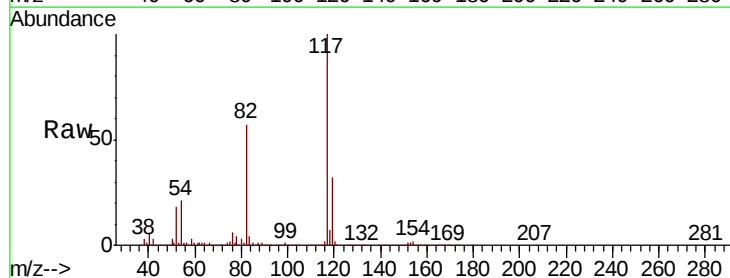
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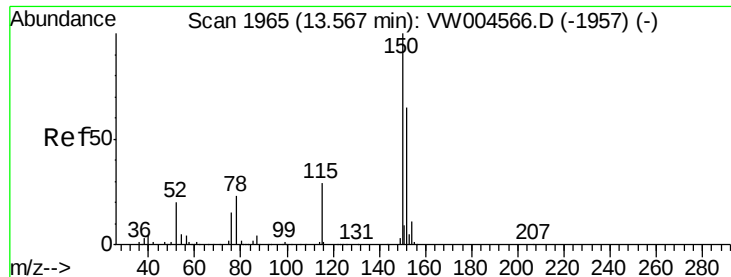
Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	160.4
176	76.3	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004601.D
Acq: 10 Aug 2018 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.3	67.9
119	32.3	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: VW004601.D

Acq: 10 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10B

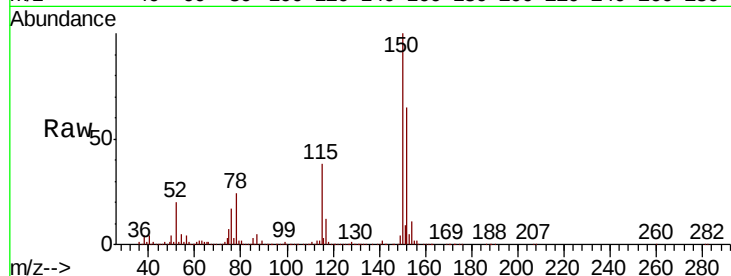
Tgt Ion: 152 Resp: 362713

Ion Ratio Lower Upper

152 100

115 59.8 29.1 87.3

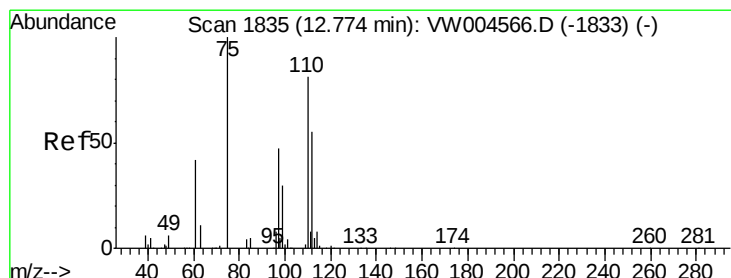
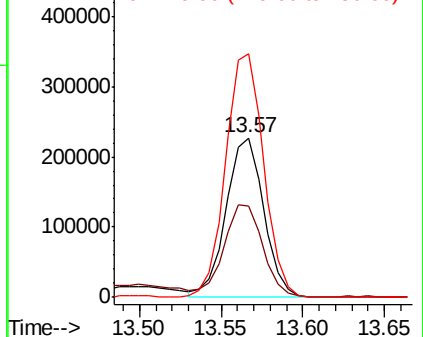
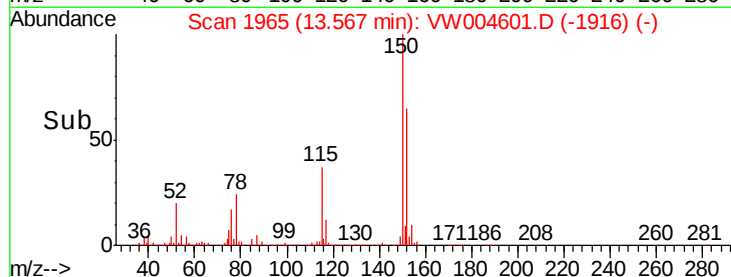
150 154.9 0.0 349.6



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



#76

1,2,3-Trichloropropane

Concen: 49.589 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004601.D

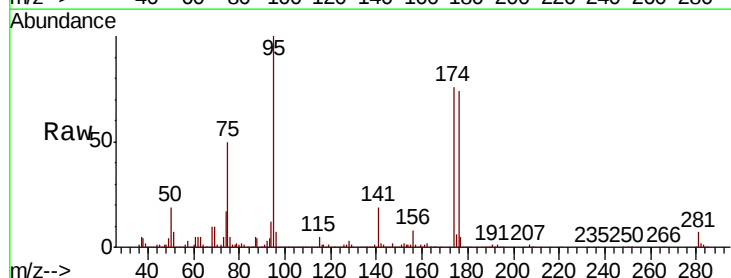
Acq: 10 Aug 2018 16:58

Tgt Ion: 75 Resp: 186122

Ion Ratio Lower Upper

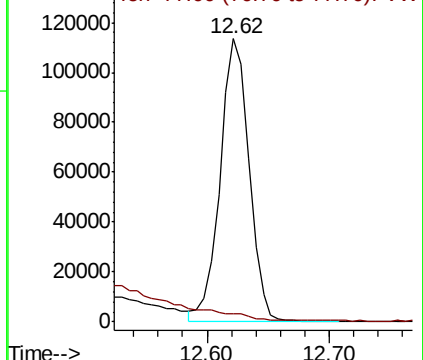
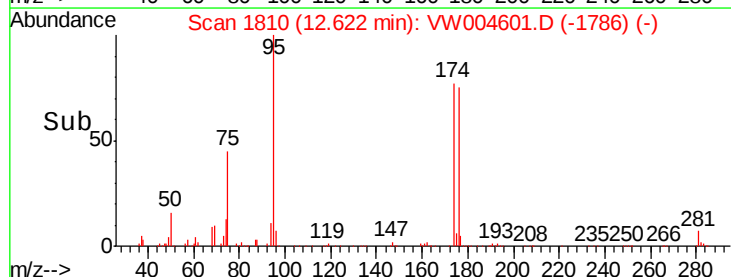
75 100

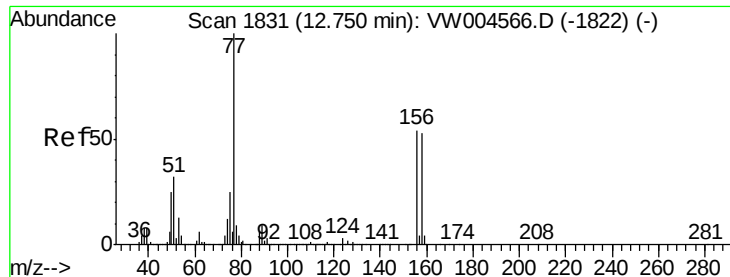
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 245.200 ug/l

RT: 12.94 min Scan# 1863

Delta R.T. 0.20 min

Lab File: VW004601.D

Acq: 10 Aug 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-10B

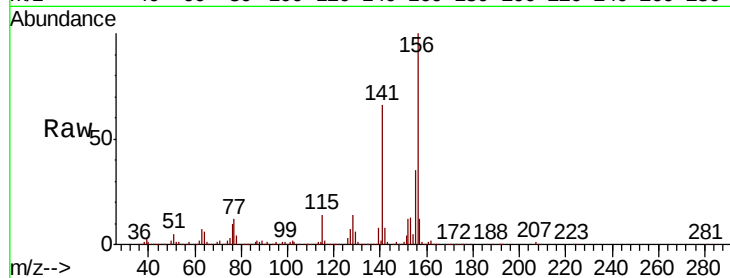
Tgt Ion:156 Resp: 1488366

Ion Ratio Lower Upper

156 100

77 12.3 98.7 296.1#

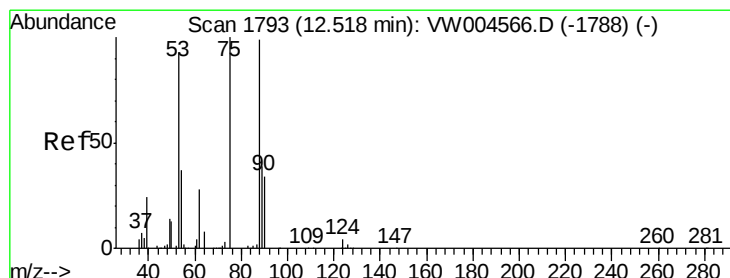
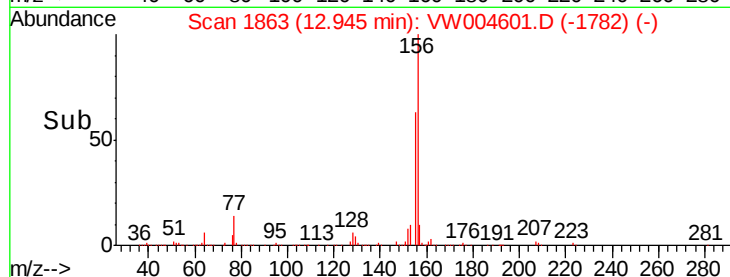
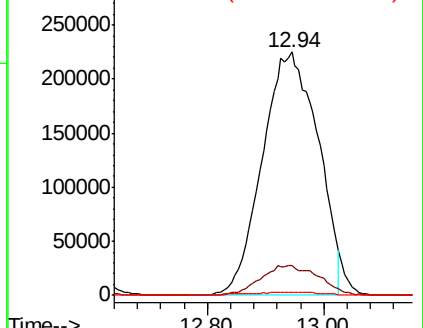
158 1.0 48.7 146.1#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 30.141 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. -0.04 min

Lab File: VW004601.D

Acq: 10 Aug 2018 16:58

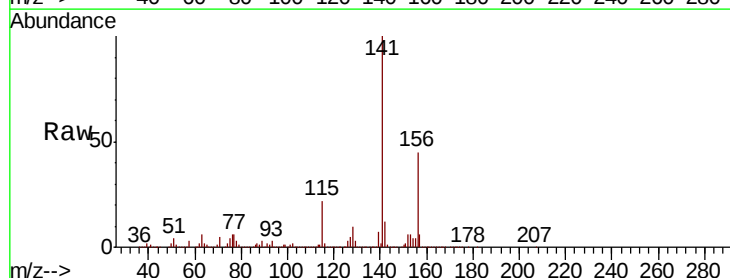
Tgt Ion: 75 Resp: 47257

Ion Ratio Lower Upper

75 100

53 17.1 74.4 111.6#

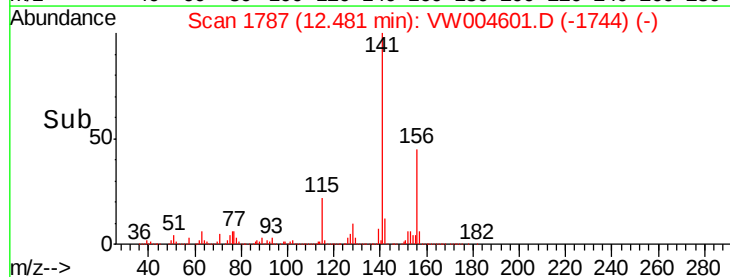
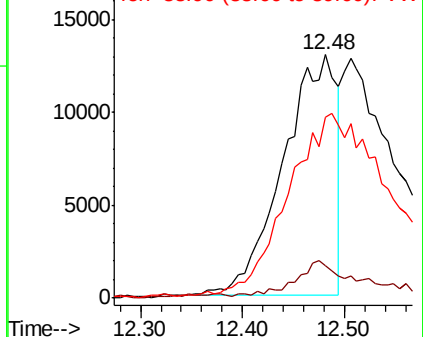
89 153.2 35.9 53.9#

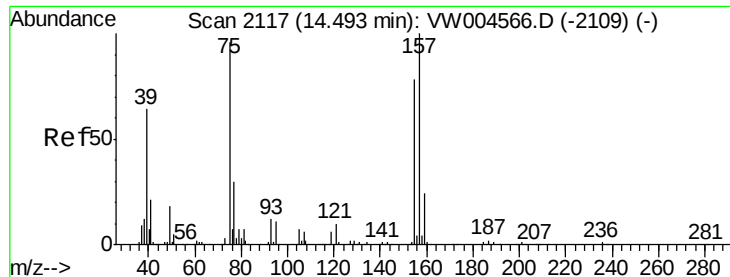


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

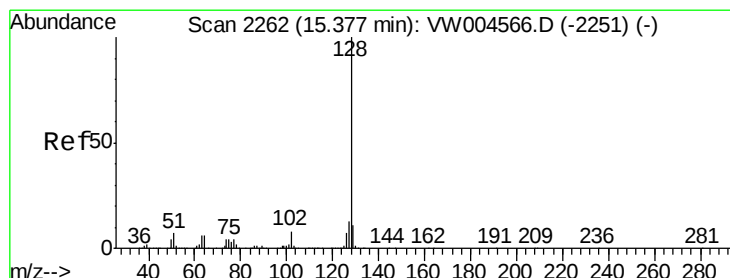
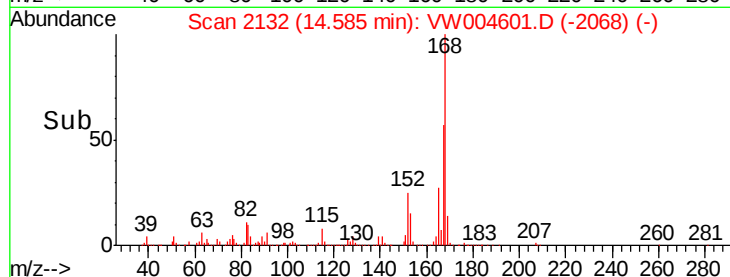
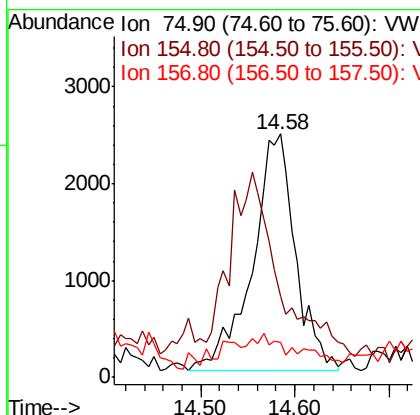
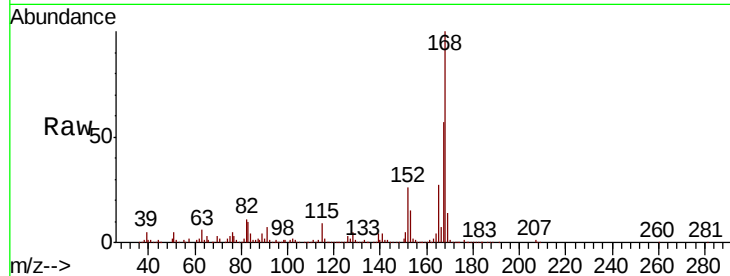




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.083 ug/l
 RT: 14.58 min Scan# 2132
 Delta R.T. 0.09 min
 Lab File: VW004601.D
 Acq: 10 Aug 2018 16:58

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

Tgt Ion: 75 Resp: 7773
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.3 123.7#
 157 0.0 52.6 157.8#



#95
 Naphthalene
 Concen: 5.908 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004601.D
 Acq: 10 Aug 2018 16:58

Tgt Ion: 128 Resp: 51539
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.3 15.5
 129 10.7 8.6 13.0

