

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092218\
 Data File : VW005567.D
 Acq On : 21 Sep 2018 18:15
 Operator : VA/AP
 Sample : J5042-03RE
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B2RE

Quant Time: Sep 21 23:16:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	190185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44489	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71674	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	58836	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.33	98	187243	38.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.90%	
62) 4-Bromofluorobenzene	12.62	95	47092	26.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.26%	

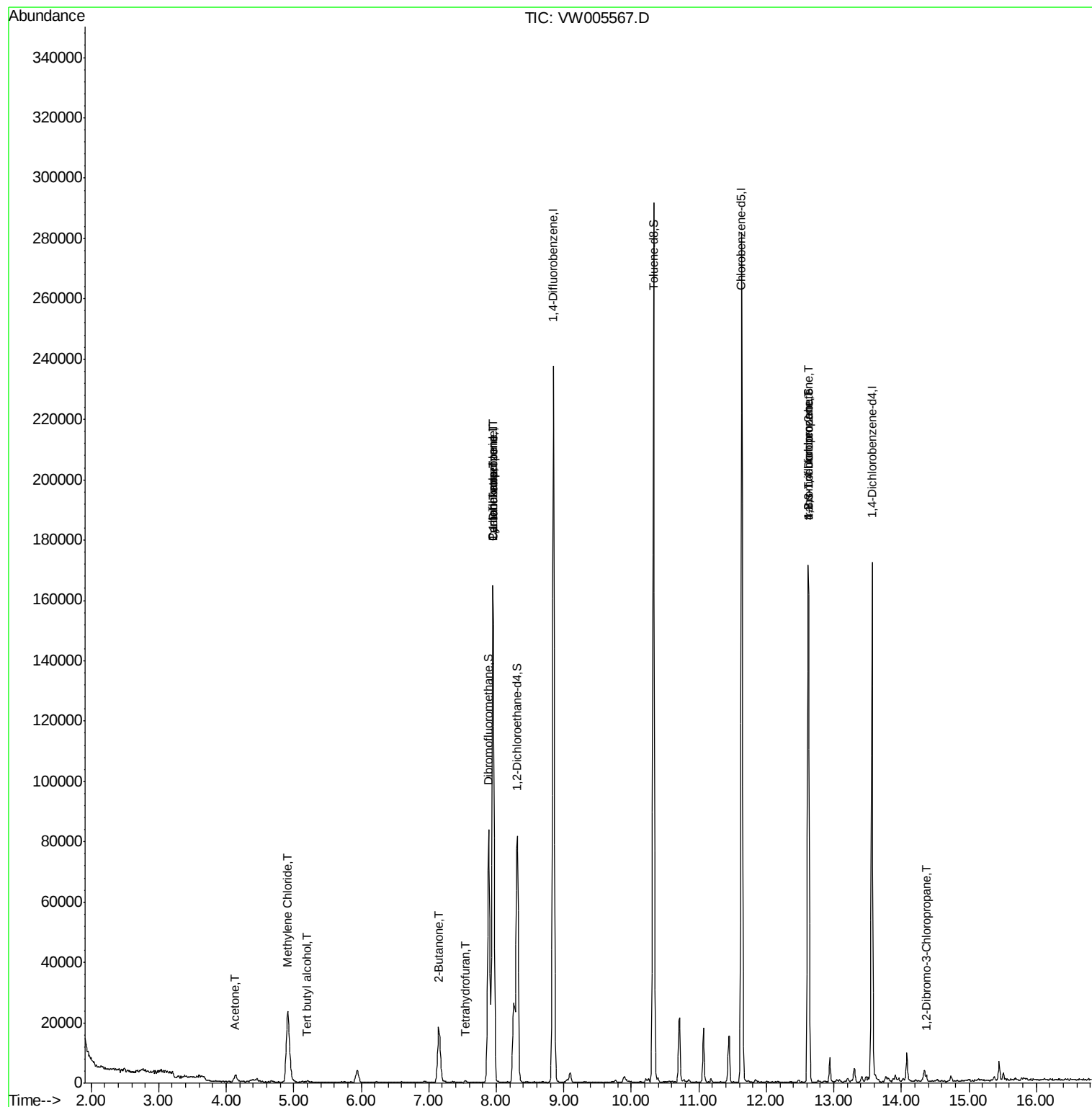
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	71	Below Cal	#	41
11) Tert butyl alcohol	5.19	59	343	2.365	ug/l #	72
16) Acetone	4.14	43	4162	9.715	ug/l	95
20) Methylene Chloride	4.91	84	19183	13.080	ug/l	98
25) 2-Butanone	7.15	43	1096	3.202	ug/l #	76
29) Tetrahydrofuran	7.53	42	216	1.010	ug/l #	35
31) Cyclohexane	7.95	56	3145	1.439	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	9694	5.063	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11860	5.781	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	24666	65.041	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24666	146.492	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.38	75	151	1.547	ug/l #	4

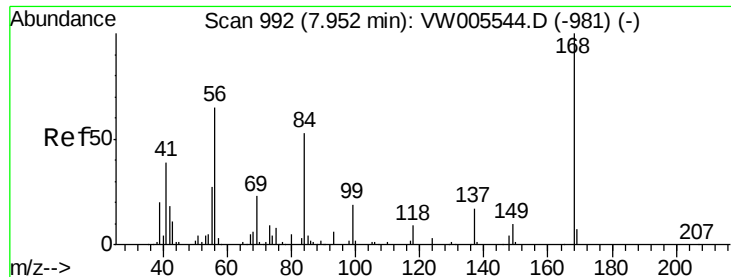
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092218\
Data File : VW005567.D
Acq On : 21 Sep 2018 18:15
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Quant Time: Sep 21 23:16:15 2018
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

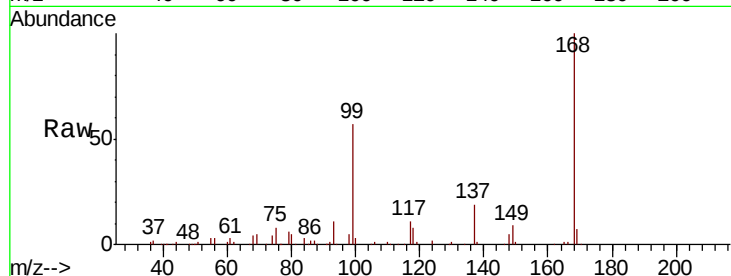
NYSEG-CLRK-PH4-A14-B2RE

Tgt Ion:168 Resp: 119630

Ion Ratio Lower Upper

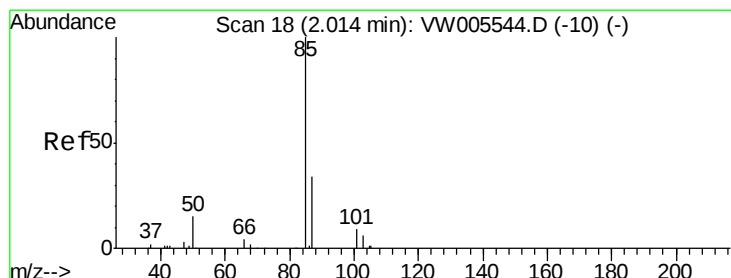
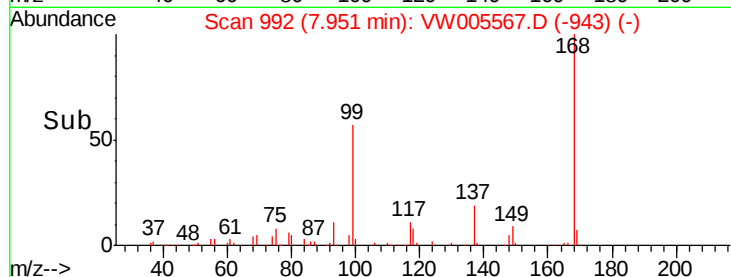
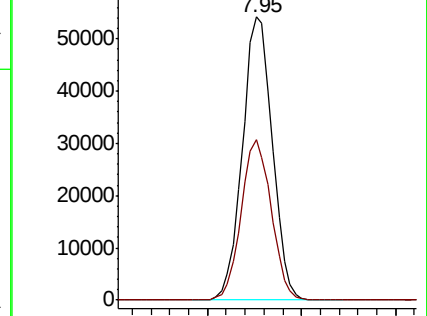
168 100

99 56.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005567.D

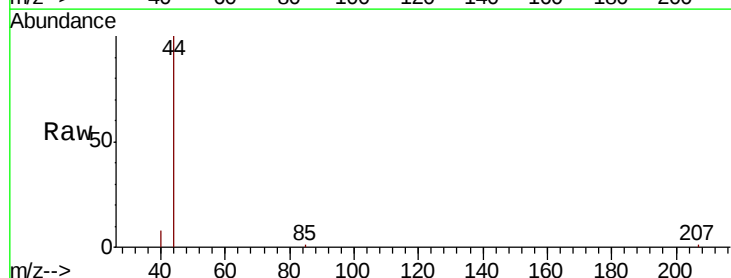
Acq: 21 Sep 2018 18:15

Tgt Ion: 85 Resp: 71

Ion Ratio Lower Upper

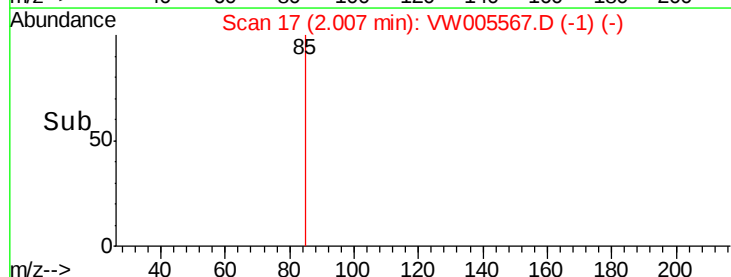
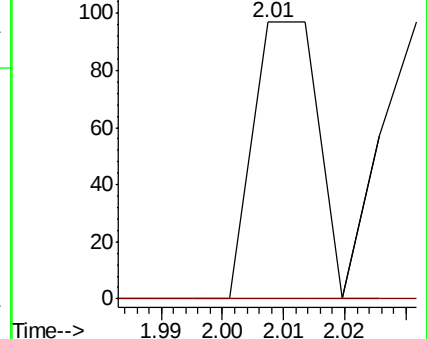
85 100

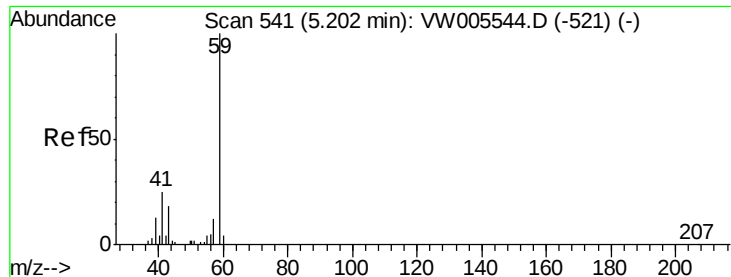
87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#11

Tert butyl alcohol

Concen: 2.365 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

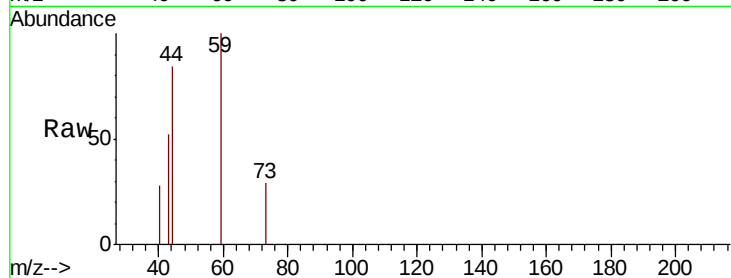
NYSEG-CLRK-PH4-A14-B2RE

Tgt Ion: 59 Resp: 343

Ion Ratio Lower Upper

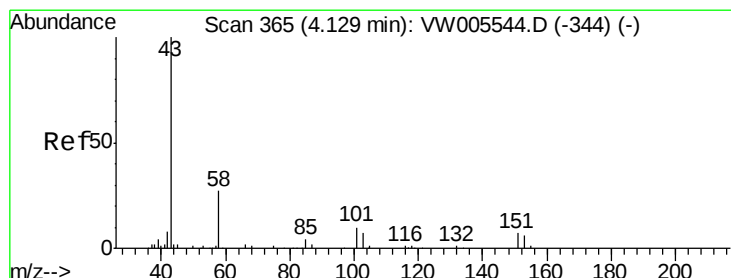
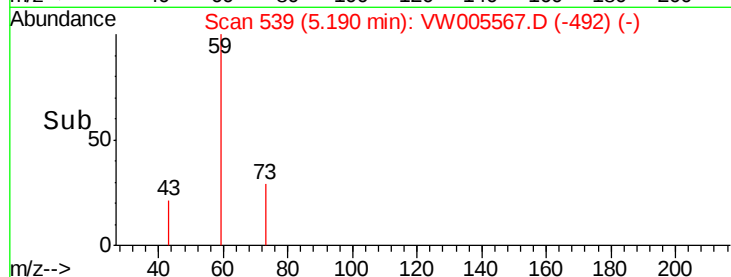
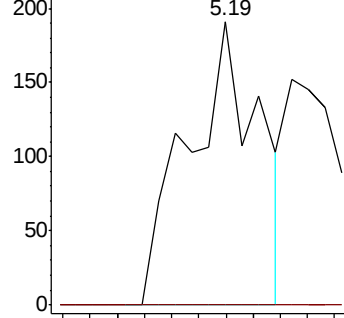
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#16

Acetone

Concen: 9.715 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005567.D

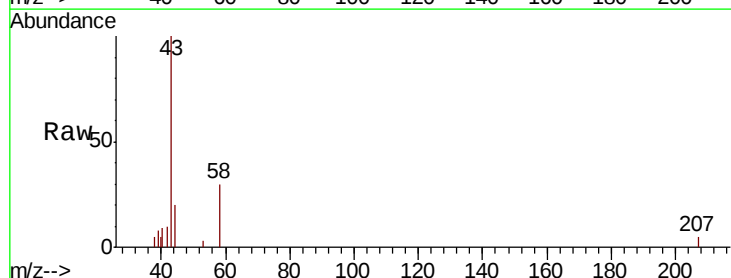
Acq: 21 Sep 2018 18:15

Tgt Ion: 43 Resp: 4162

Ion Ratio Lower Upper

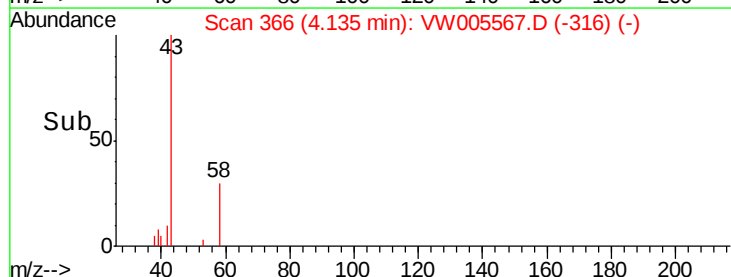
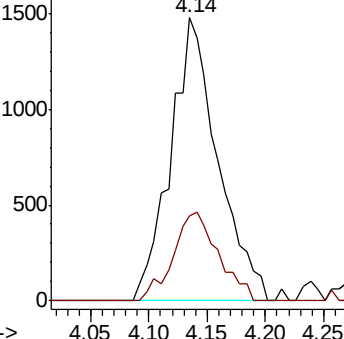
43 100

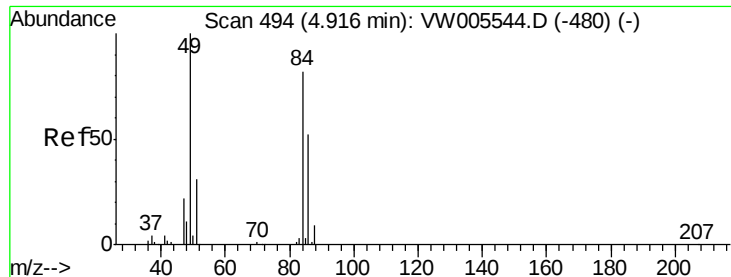
58 30.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 13.080 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

NYSEG-CLRK-PH4-A14-B2RE

Tgt Ion: 84 Resp: 19183

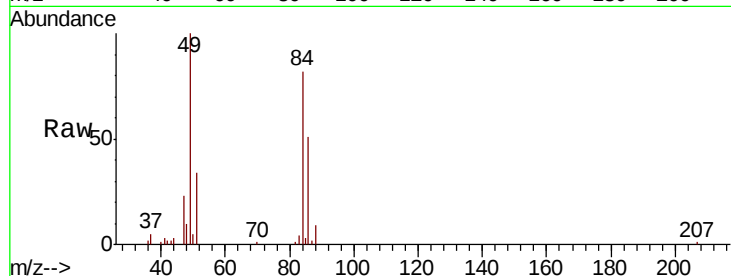
Ion Ratio Lower Upper

84 100

49 121.6 97.0 145.6

51 41.2 30.2 45.2

86 61.7 50.2 75.4



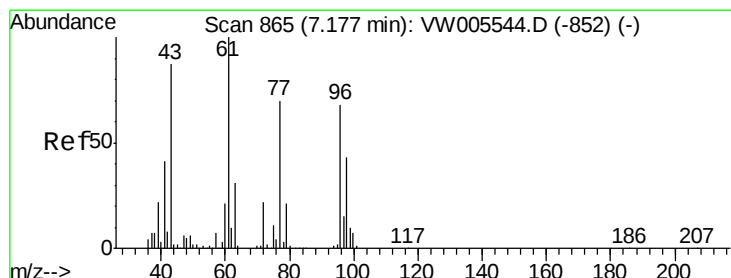
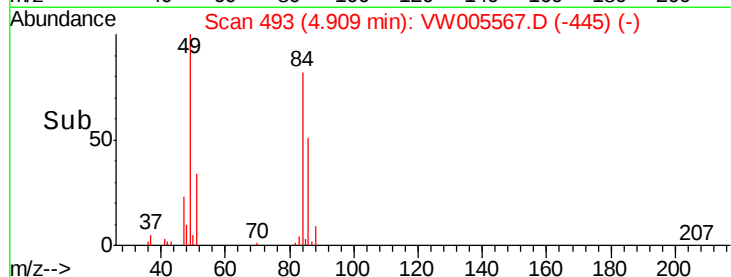
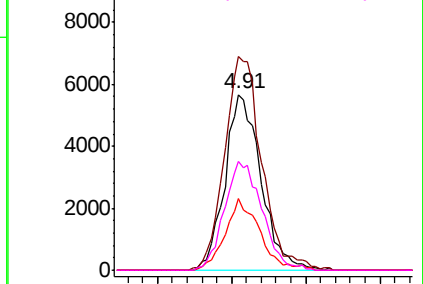
Abundance

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: 3.202 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005567.D

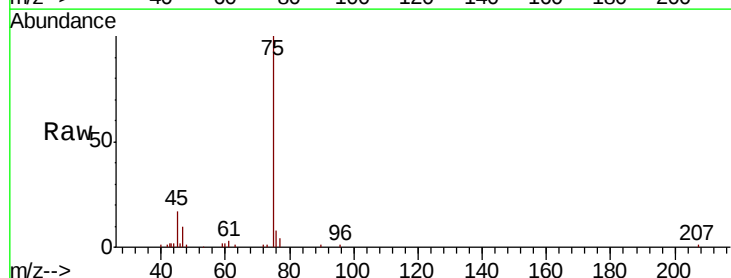
Acq: 21 Sep 2018 18:15

Tgt Ion: 43 Resp: 1096

Ion Ratio Lower Upper

43 100

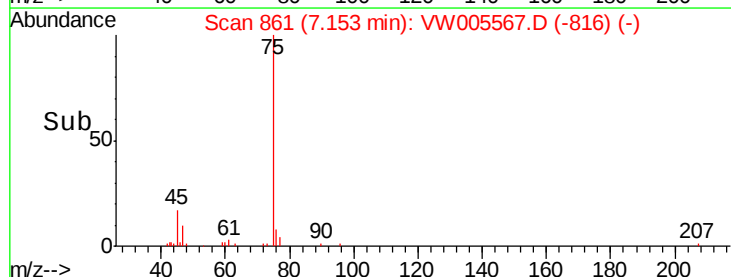
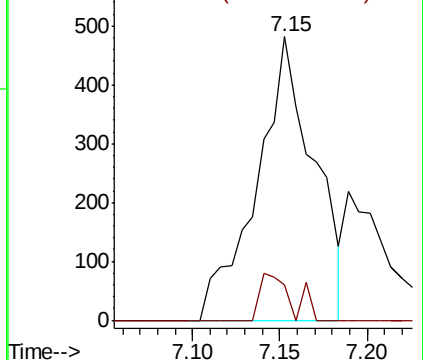
72 12.7 19.9 29.9#

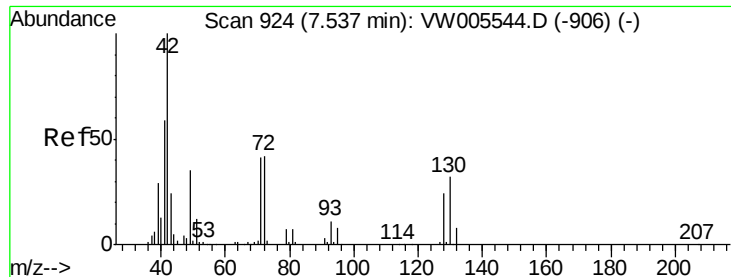


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

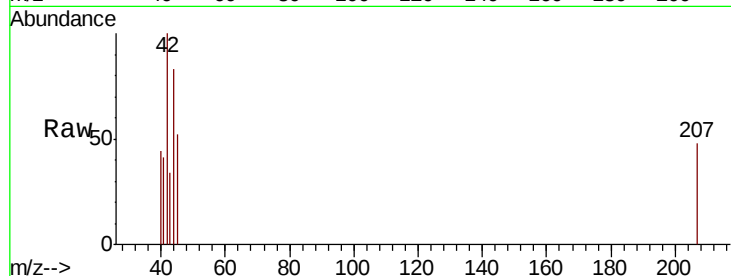




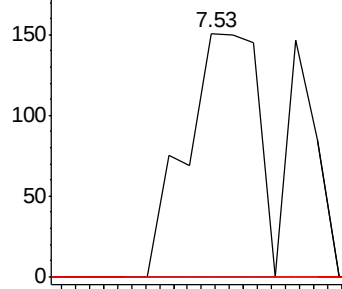
#29
Tetrahydrofuran
Concen: 1.010 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005567.D
Acq: 21 Sep 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2RE

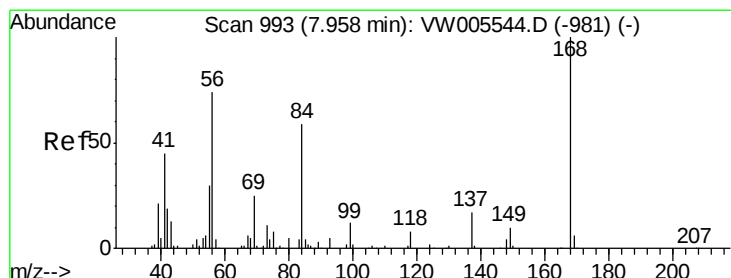
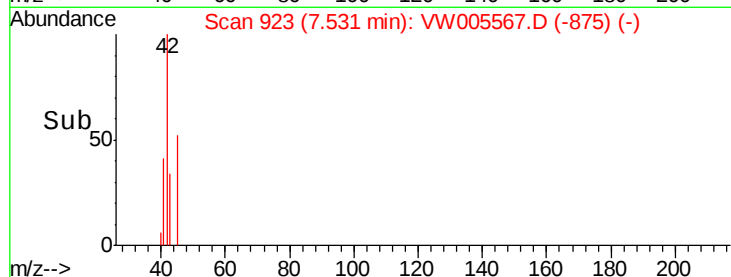
Tgt Ion: 42 Resp: 216
Ion Ratio Lower Upper
42 100
72 0.0 33.6 50.4#
71 0.0 31.8 47.6#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

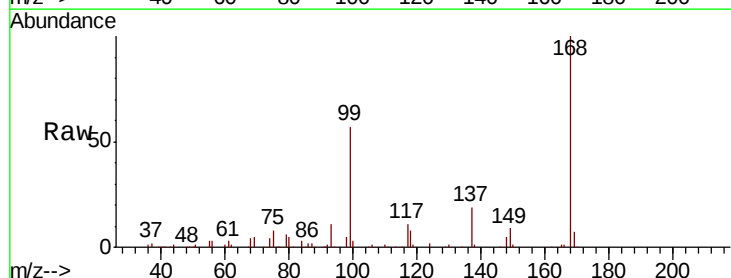


Time-->

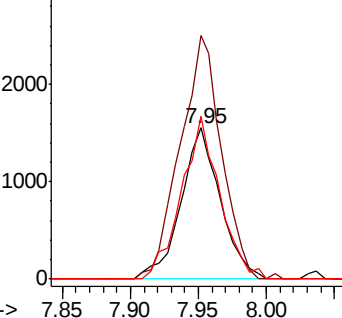


#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005567.D
Acq: 21 Sep 2018 18:15

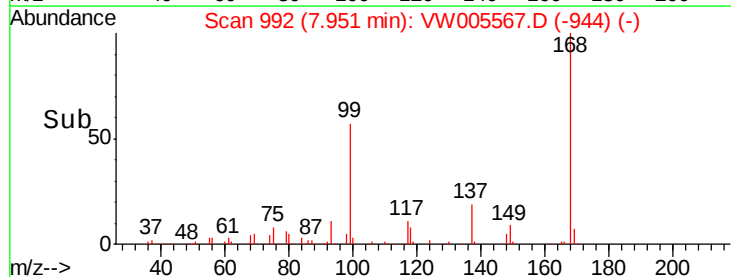
Tgt Ion: 56 Resp: 3145
Ion Ratio Lower Upper
56 100
69 161.3 27.0 40.4#
84 108.1 64.2 96.4#

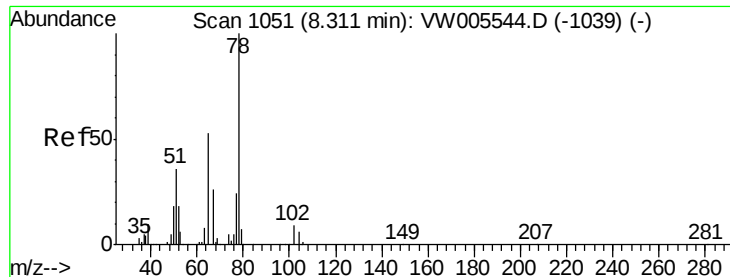


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->

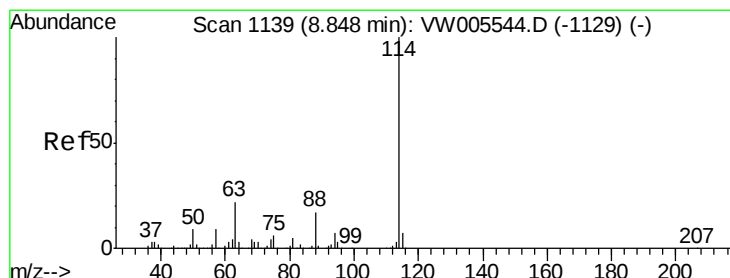
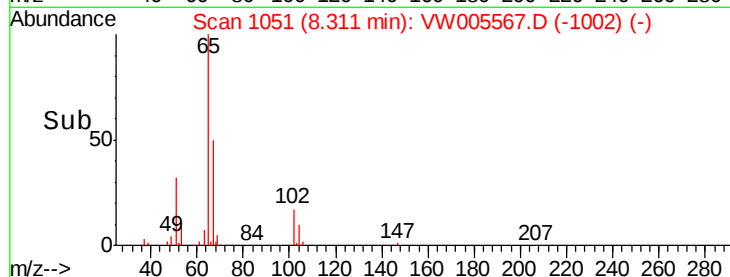
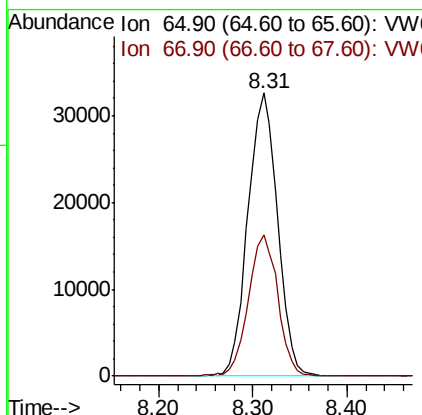
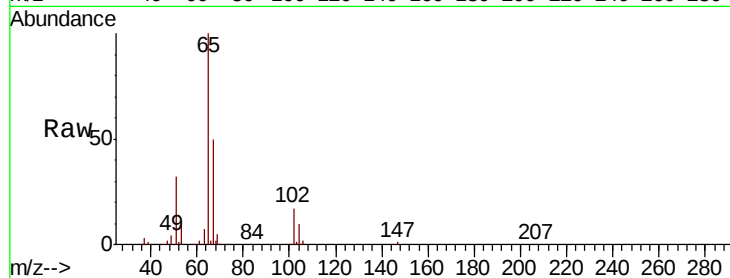




#33
 1,2-Dichloroethane-d4
 Concen: 50.857 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005567.D
 Acq: 21 Sep 2018 18:15

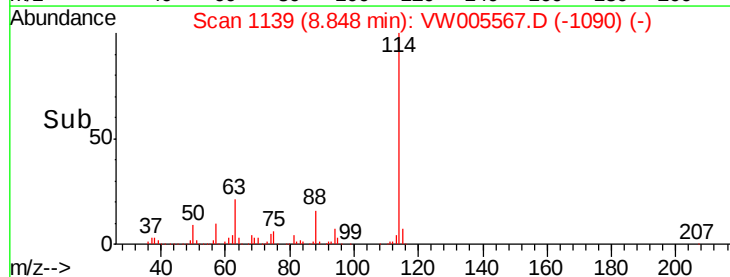
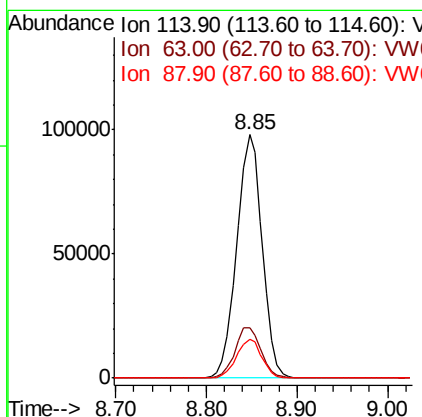
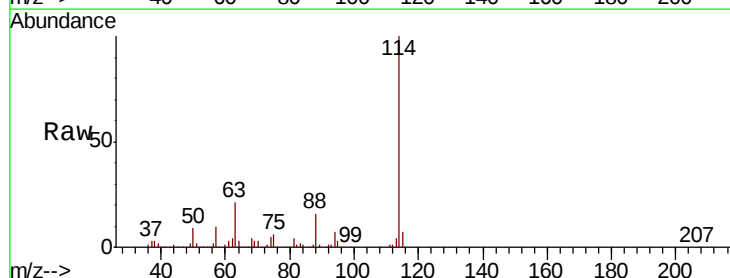
Instrument :
 MSVOA_W
 ClientSampleId :
 NYSEG-CLRK-PH4-A14-B2RE

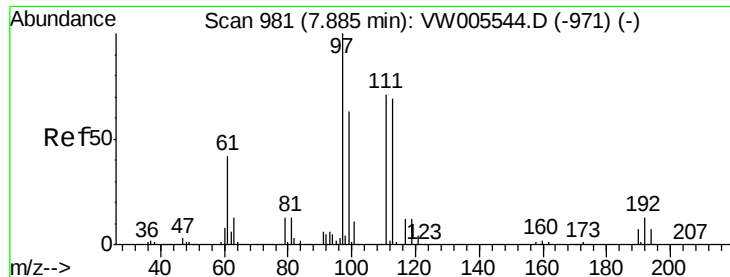
Tgt Ion: 65 Resp: 71674
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005567.D
 Acq: 21 Sep 2018 18:15

Tgt Ion: 114 Resp: 190185
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.0
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.194 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

NYSEG-CLRK-PH4-A14-B2RE

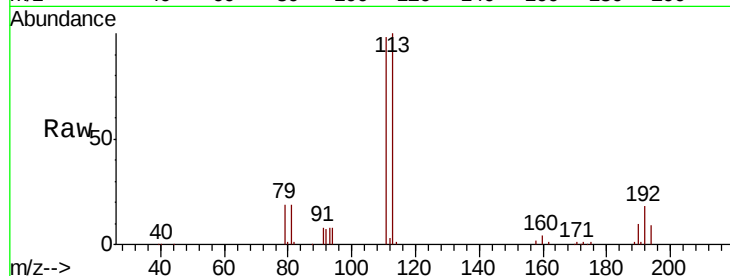
Tgt Ion:113 Resp: 58836

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

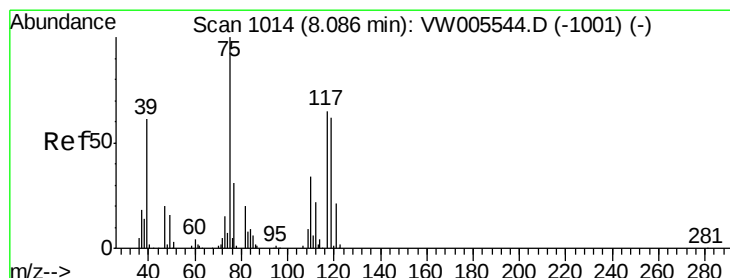
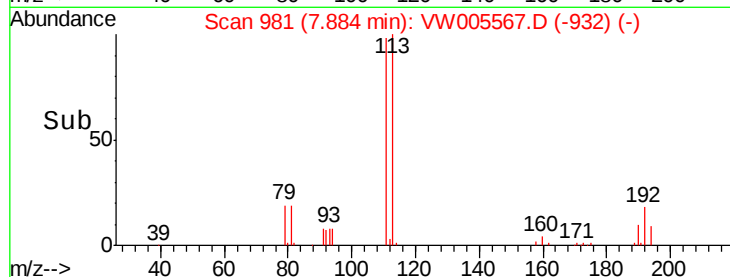
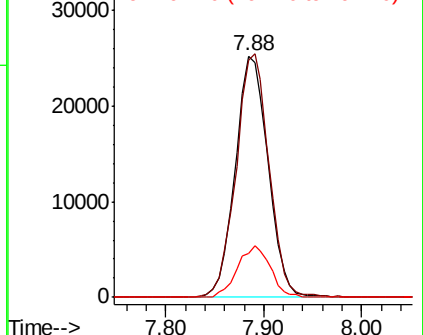
192 21.4 17.0 25.4



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: 5.063 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

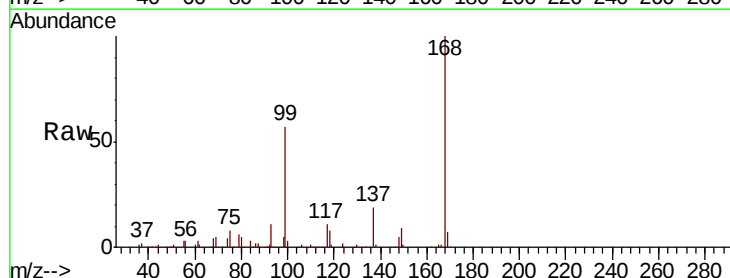
Tgt Ion: 75 Resp: 9694

Ion Ratio Lower Upper

75 100

110 8.0 17.0 50.9#

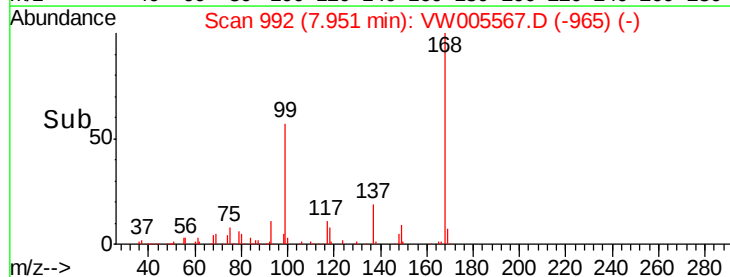
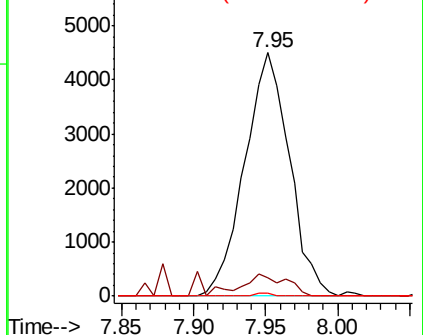
77 0.4 24.8 37.2#

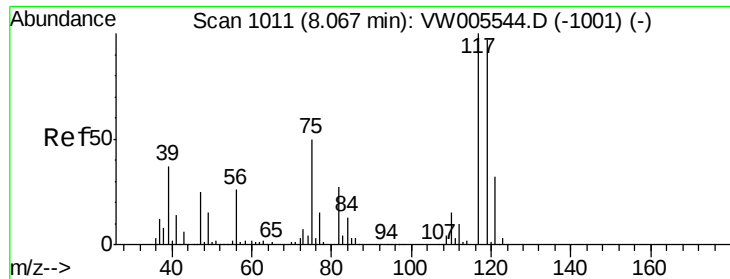


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

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NYSEG-CLRK-PH4-A14-B2RE

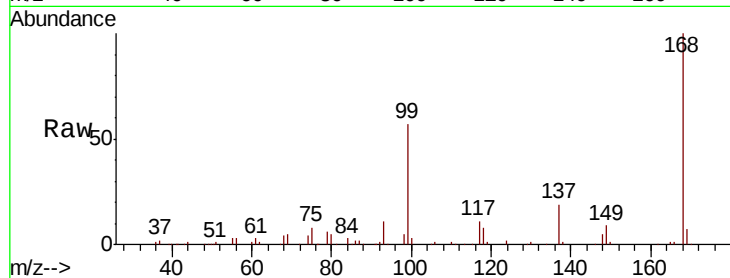
Tgt Ion: 117 Resp: 11860

Ion Ratio Lower Upper

117 100

119 5.8 77.6 116.4#

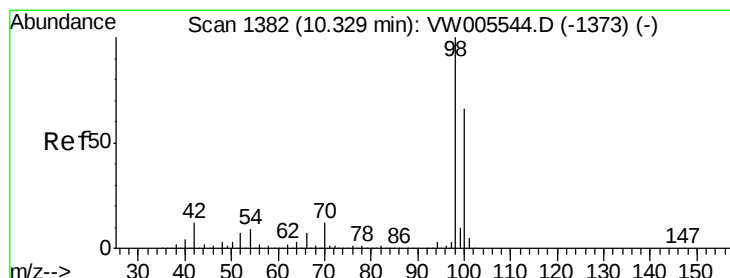
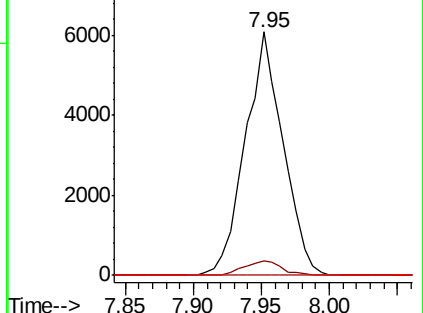
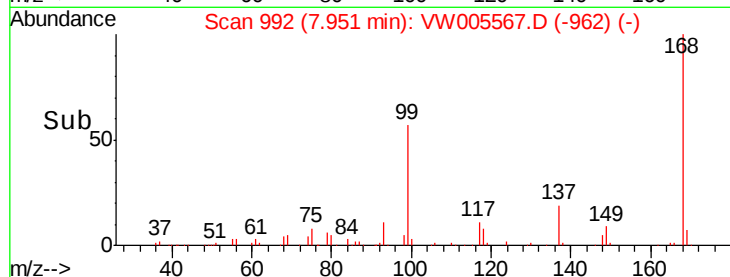
121 0.0 25.7 38.5#



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: 38.449 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005567.D

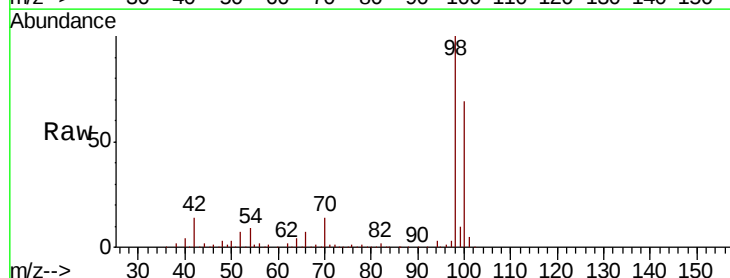
Acq: 21 Sep 2018 18:15

Tgt Ion: 98 Resp: 187243

Ion Ratio Lower Upper

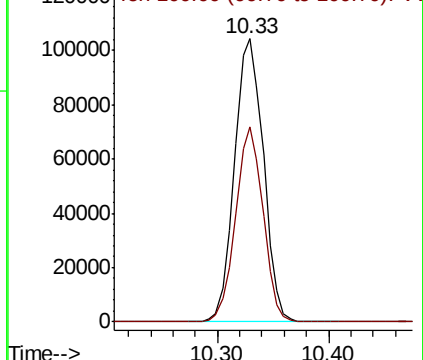
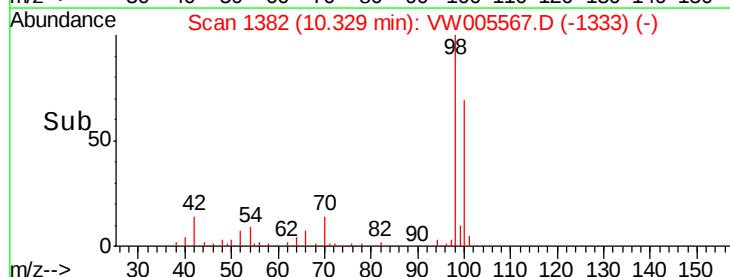
98 100

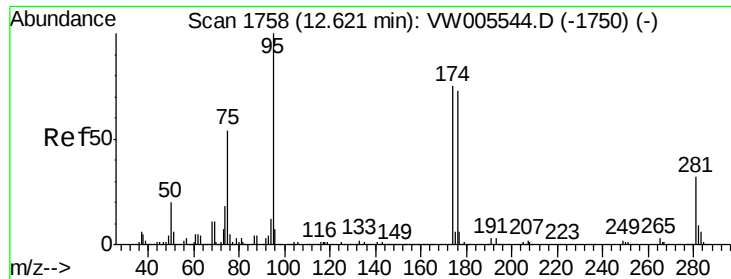
100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

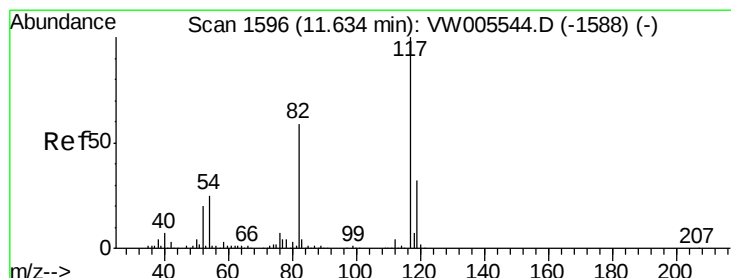
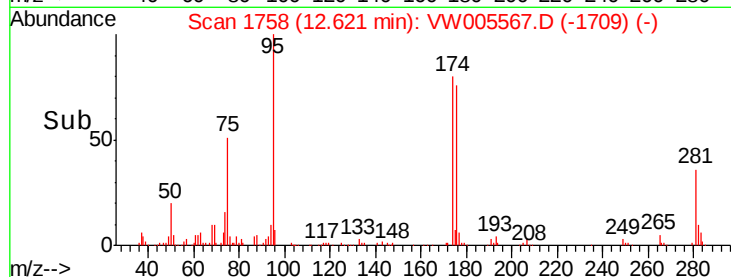
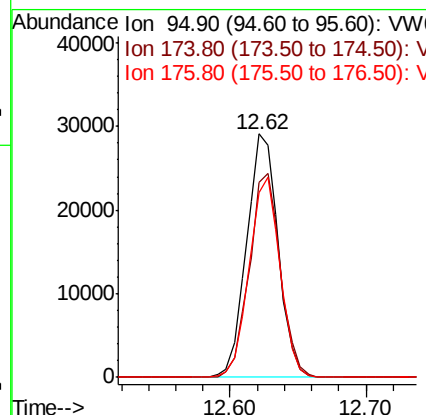
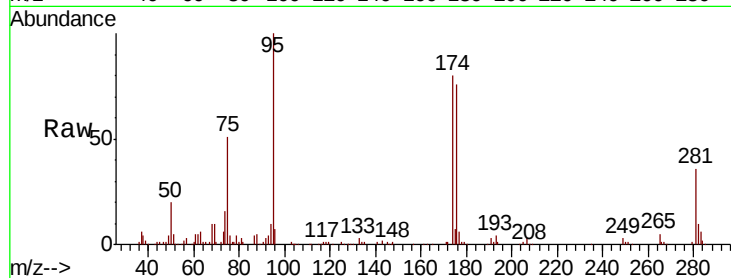




#62
4-Bromofluorobenzene
Concen: 26.134 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005567.D
Acq: 21 Sep 2018 18:15

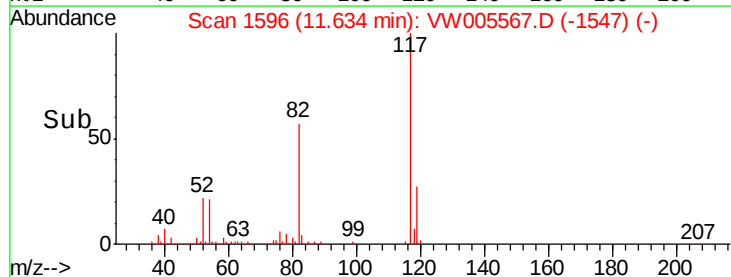
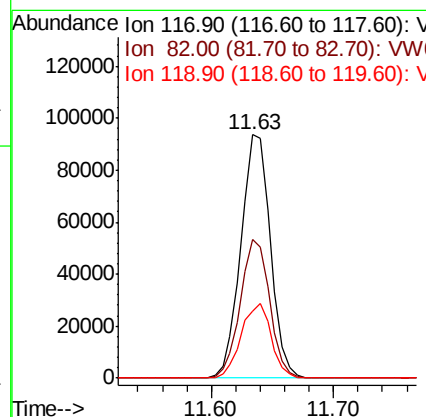
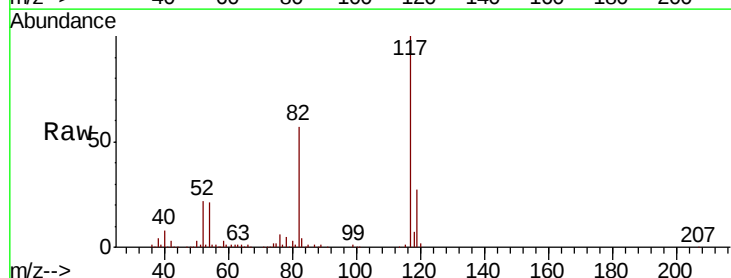
Instrument :
MSVOA_W
ClientSampleId :
NYSEG-CLRK-PH4-A14-B2RE

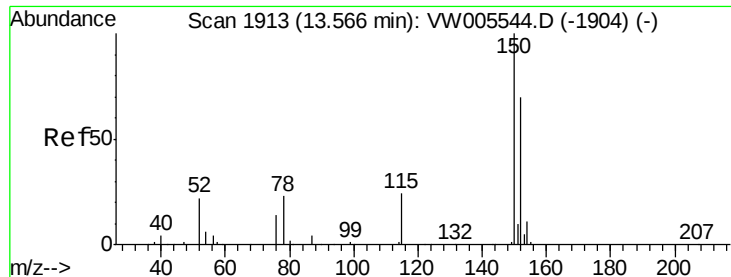
Tgt Ion: 95 Resp: 47092
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.8
176 80.6 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005567.D
Acq: 21 Sep 2018 18:15

Tgt Ion: 117 Resp: 156784
Ion Ratio Lower Upper
117 100
82 56.9 46.9 70.3
119 27.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

NYSEG-CLRK-PH4-A14-B2RE

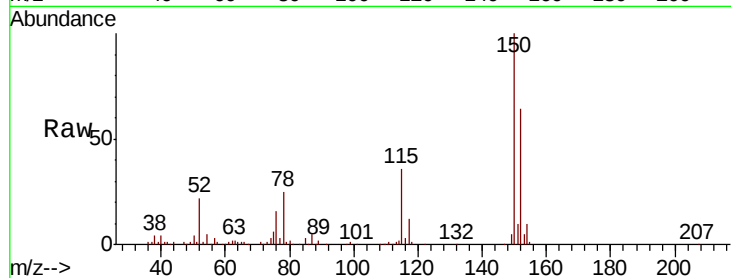
Tgt Ion:152 Resp: 44489

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

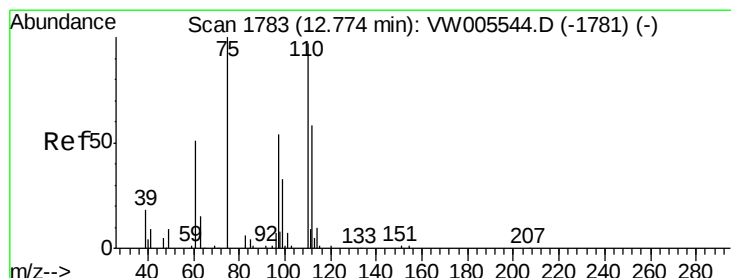
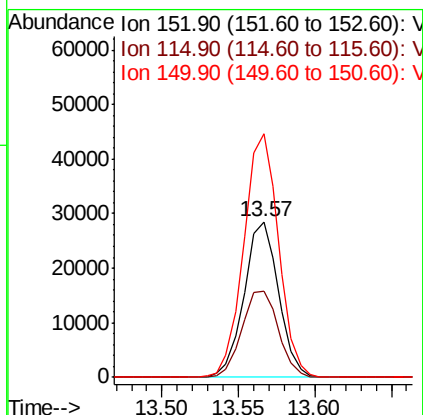
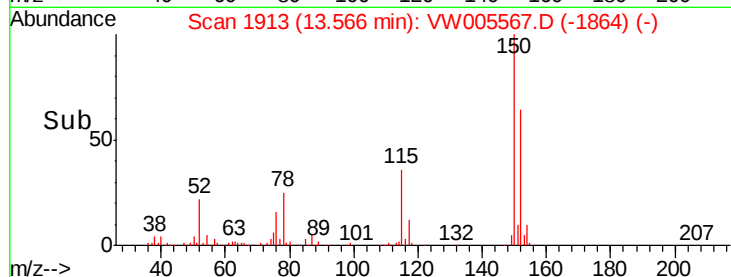
150 158.4 0.0 348.6



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: 65.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005567.D

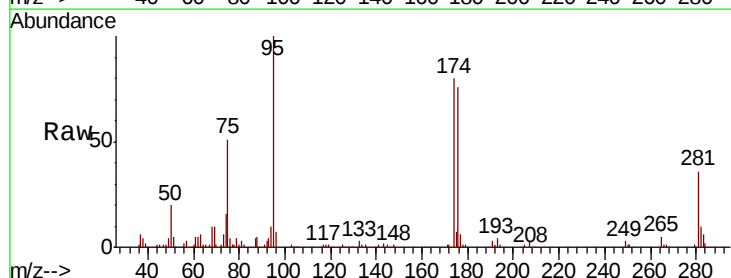
Acq: 21 Sep 2018 18:15

Tgt Ion: 75 Resp: 24666

Ion Ratio Lower Upper

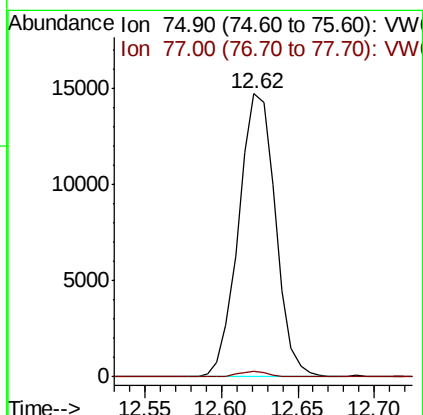
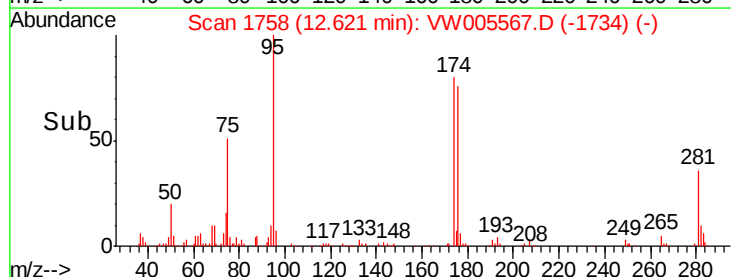
75 100

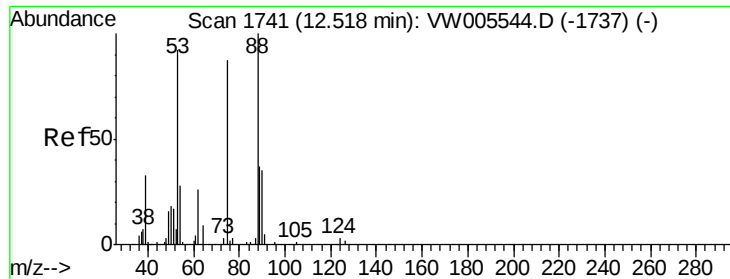
77 1.6 0.0 0.0#



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: 146.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

NYSEG-CLRK-PH4-A14-B2RE

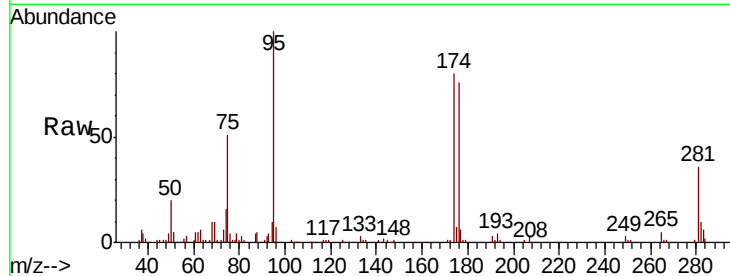
Tgt Ion: 75 Resp: 24666

Ion Ratio Lower Upper

75 100

53 0.4 85.8 128.6#

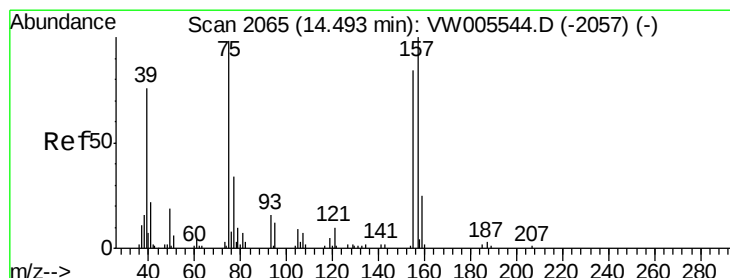
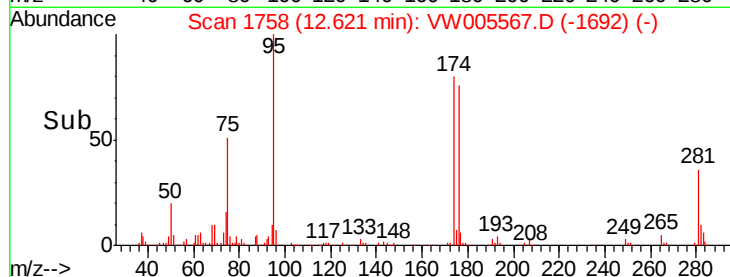
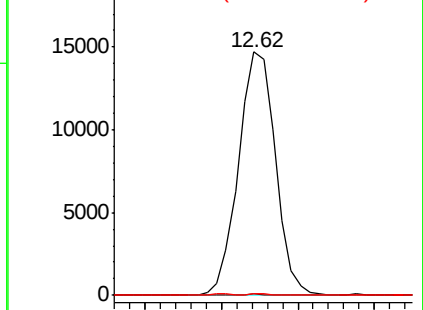
89 0.2 37.3 55.9#



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: 1.547 ug/l

RT: 14.38 min Scan# 2046

Delta R.T. -0.12 min

Lab File: VW005567.D

Acq: 21 Sep 2018 18:15

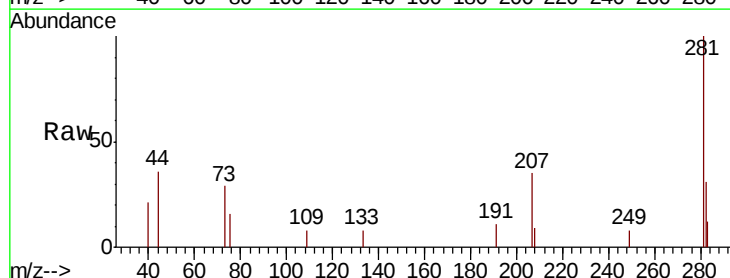
Tgt Ion: 75 Resp: 151

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.5#

157 0.0 50.8 152.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

