

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010621.D
 Acq On : 30 May 2019 18:16
 Operator : SY/VA
 Sample : K3097-10
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0430-HR-10(HACKENSACK)

Quant Time: May 31 07:45:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	2135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	3272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	943	42.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.58%	
35) Dibromofluoromethane	7.88	113	802	40.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.80%	
50) Toluene-d8	10.32	98	3493	46.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	12.63	95	456	15.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	30.18%	

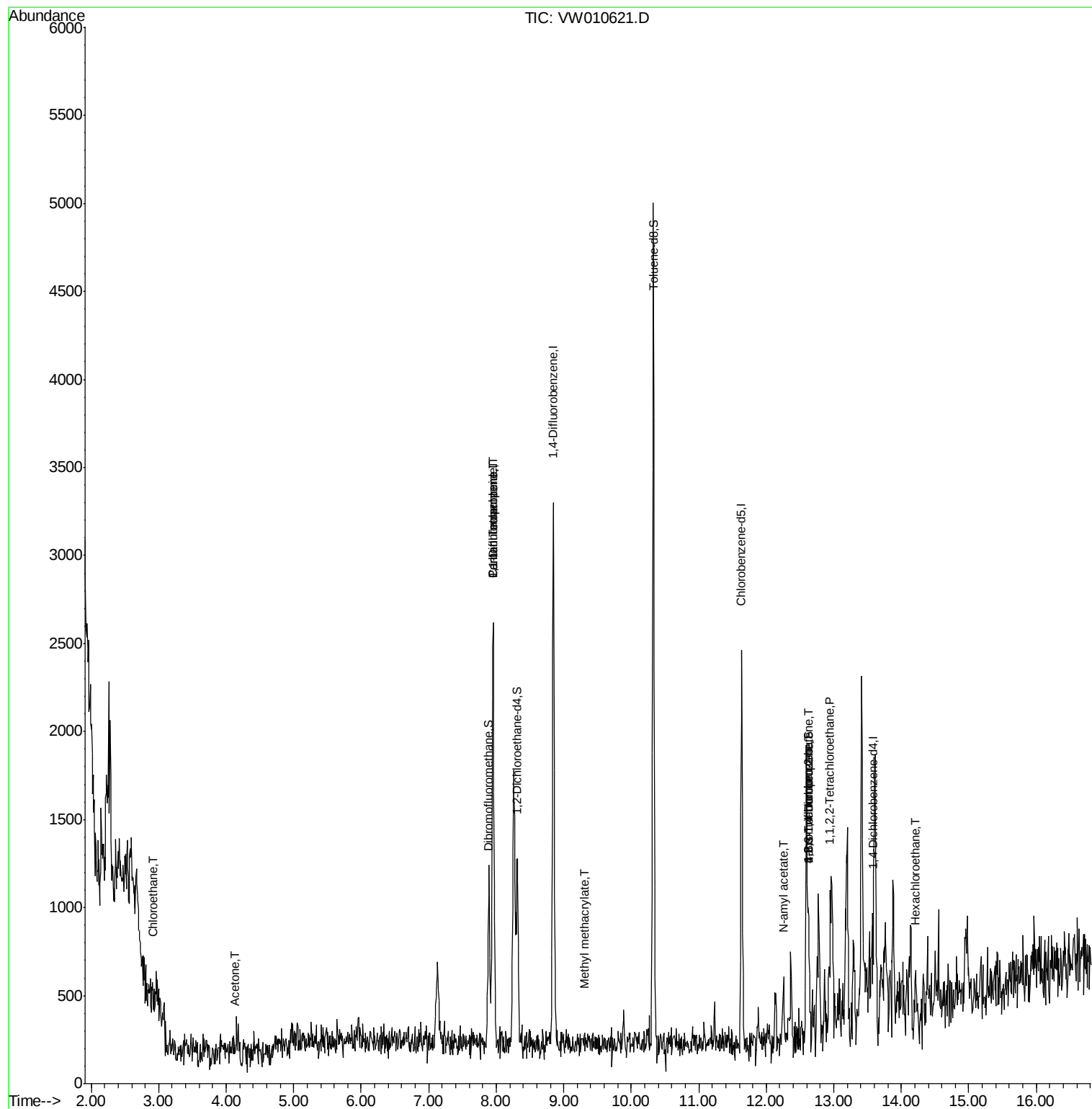
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.91	64	256	15.348	ug/l #	43
16) Acetone	4.13	43	20	4.446	ug/l #	41
36) 1,1-Dichloropropene	7.96	75	143	4.692	ug/l #	40
38) Carbon Tetrachloride	7.95	117	172	5.231	ug/l #	12
48) Methyl methacrylate	9.31	41	22	1.857	ug/l #	8
74) N-amyl acetate	12.25	43	79	20.020	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.94	83	24	7.663	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	110	49.939	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	110	104.224	ug/l #	14
90) Hexachloroethane	14.21	117	267	85.485	ug/l #	15

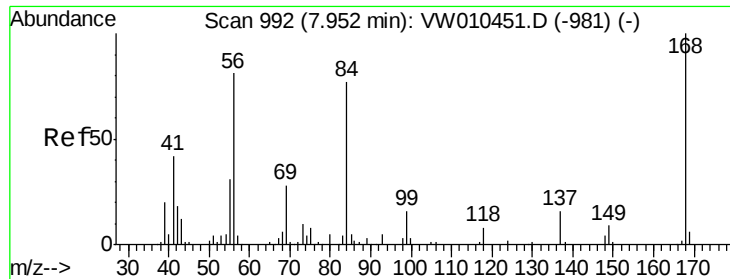
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053019\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW010621.D

Acq: 30 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

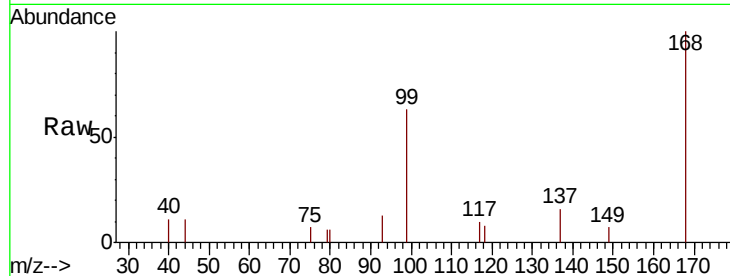
0430-HR-10(HACKENSACK)

Tot Ion:168 Resp: 2135

Ion Ratio Lower Upper

168 100

99 63.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

1000

800

600

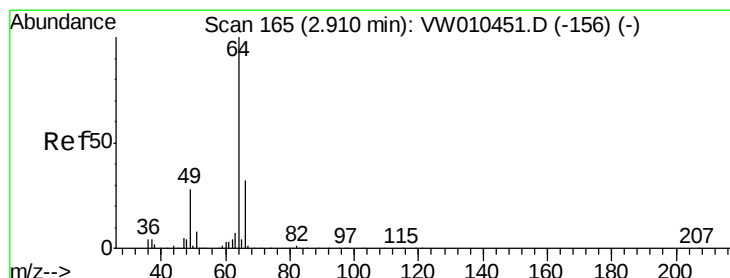
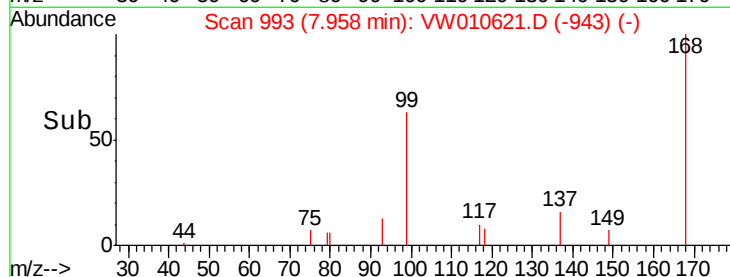
400

200

0

7.90 7.95 8.00

Time-->



#6

Chloroethane

Concen: 15.348 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010621.D

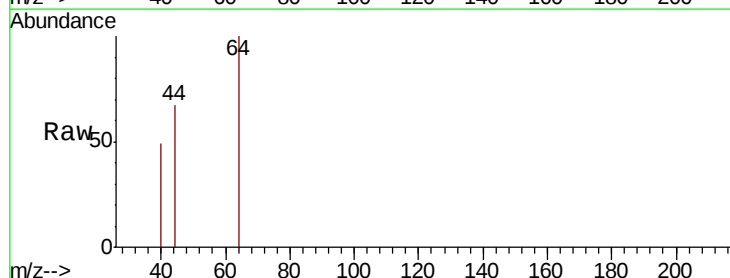
Acq: 30 May 2019 18:16

Tgt Ion: 64 Resp: 256

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

300

250

200

150

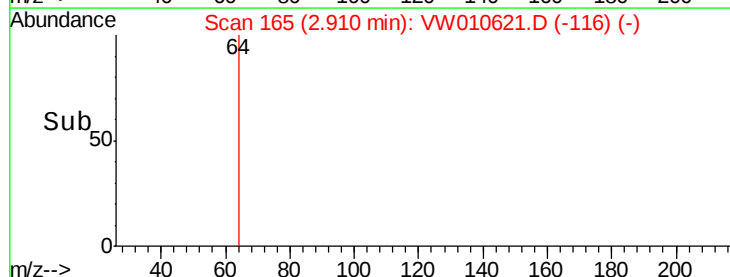
100

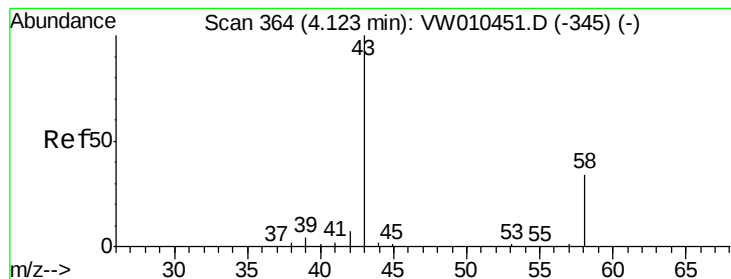
50

0

2.88 2.90 2.92 2.94

Time-->





#16

Acetone

Concen: 4.446 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010621.D

Acq: 30 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

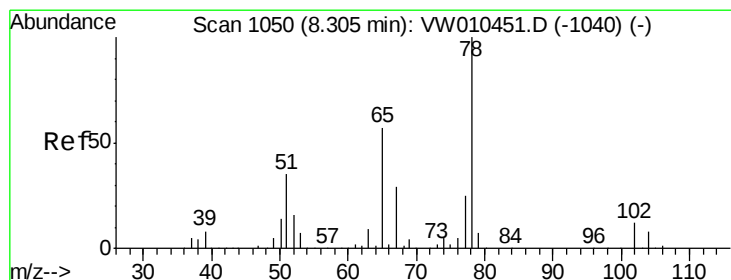
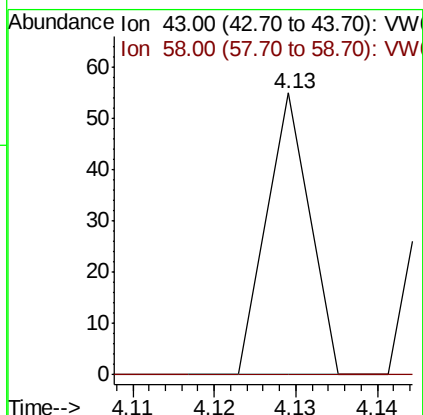
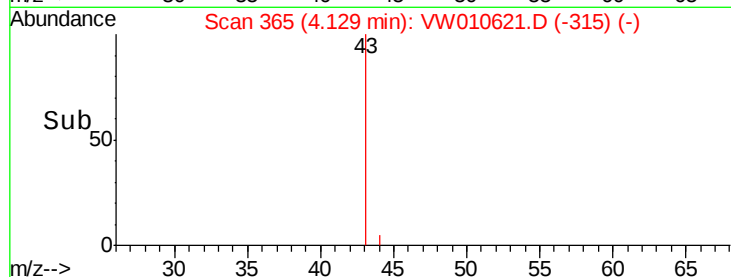
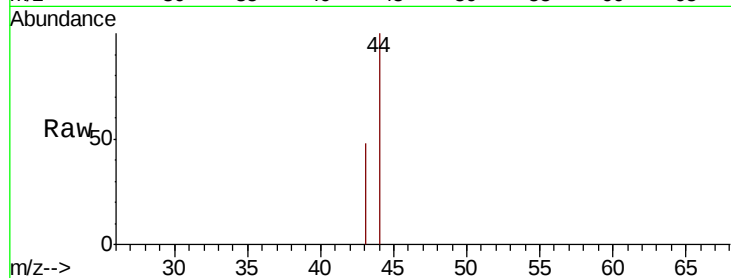
0430-HR-10(HACKENSACK)

Tot Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 27.0 40.4#



#33

1,2-Dichloroethane-d4

Concen: 42.792 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010621.D

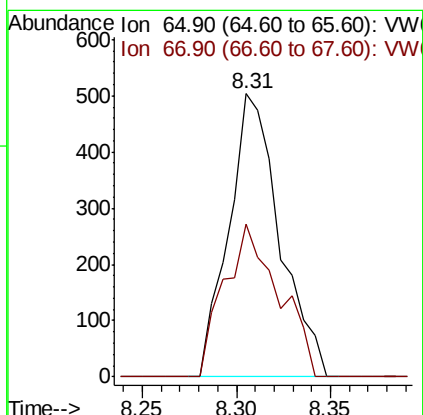
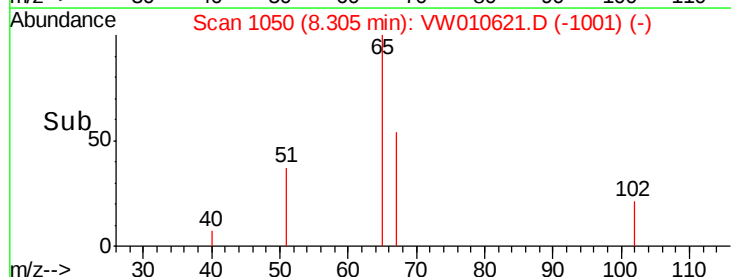
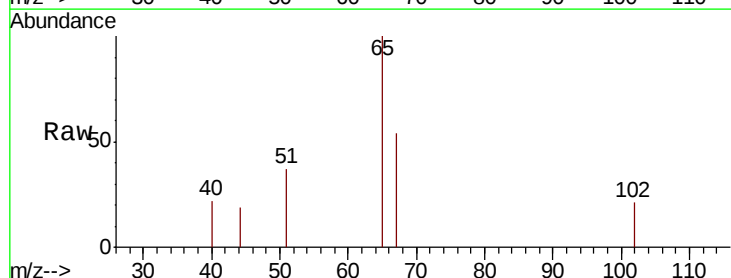
Acq: 30 May 2019 18:16

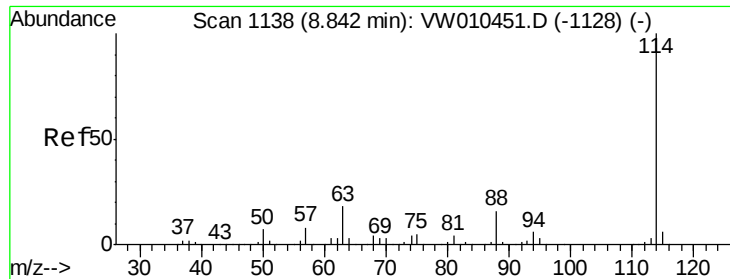
Tgt Ion: 65 Resp: 943

Ion Ratio Lower Upper

65 100

67 57.9 0.0 103.6

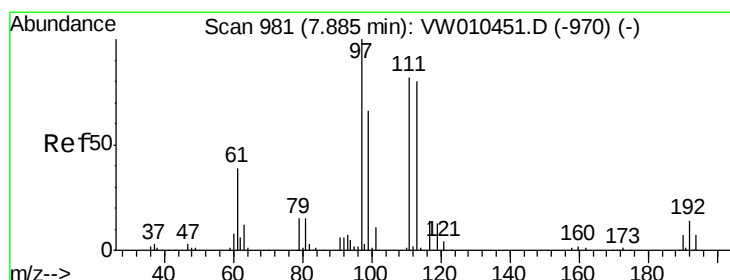
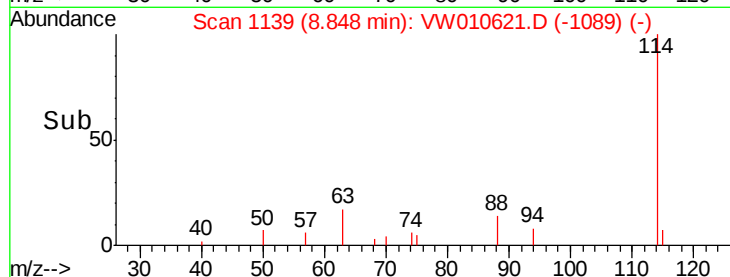
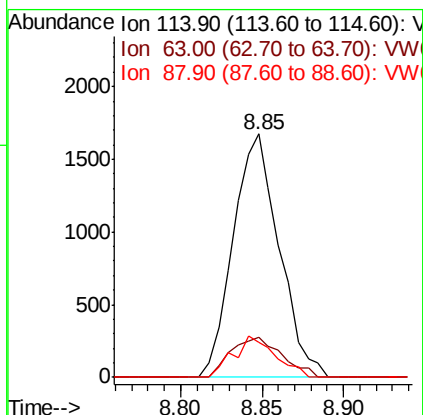
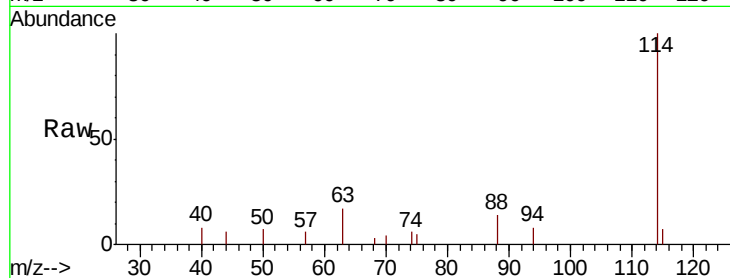




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010621.D
 Acq: 30 May 2019 18:16

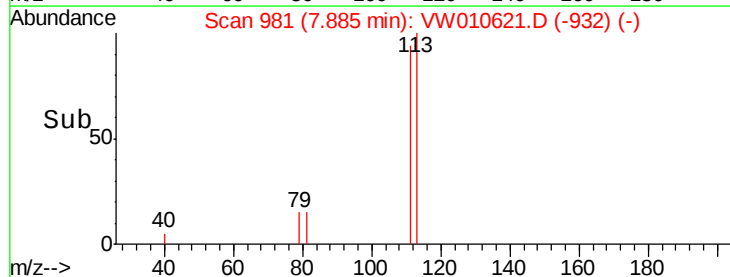
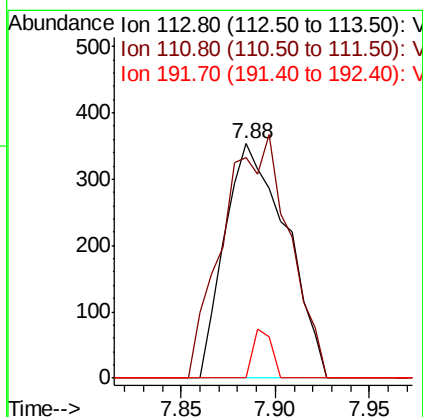
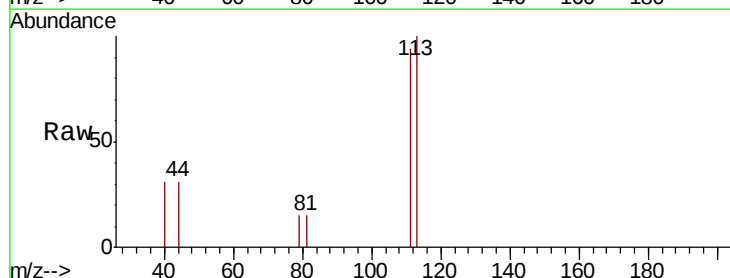
Instrument :
 MSVOA_W
 ClientSampleId :
 0430-HR-10(HACKENSACK)

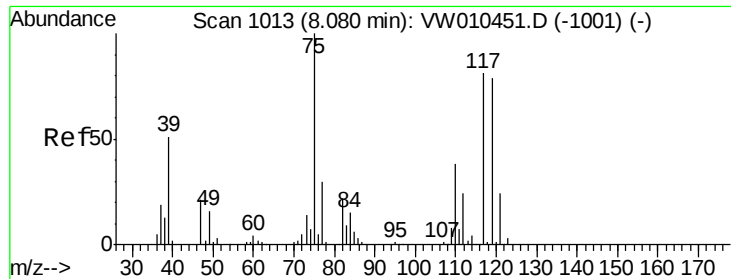
Tot Ion:114 Resp: 3272
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 36.0
 88 14.3 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 40.395 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010621.D
 Acq: 30 May 2019 18:16

Tgt Ion:113 Resp: 802
 Ion Ratio Lower Upper
 113 100
 111 111.2 82.2 123.4
 192 6.2 14.3 21.5#

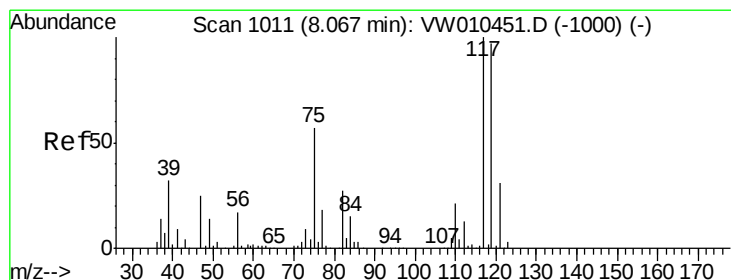
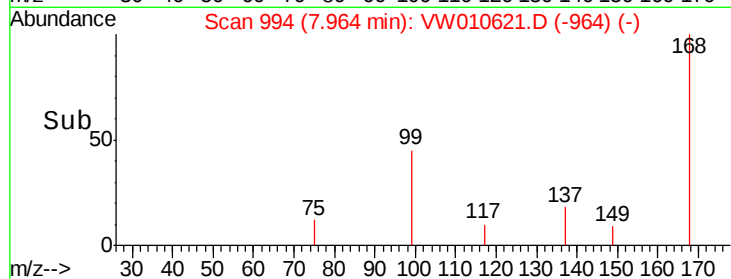
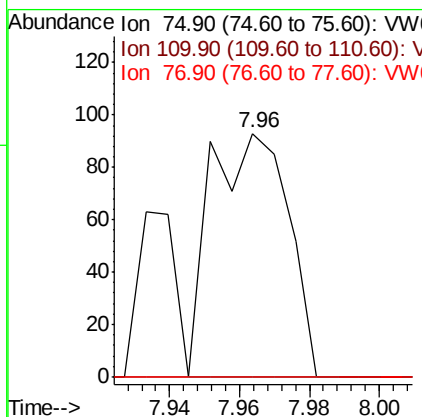
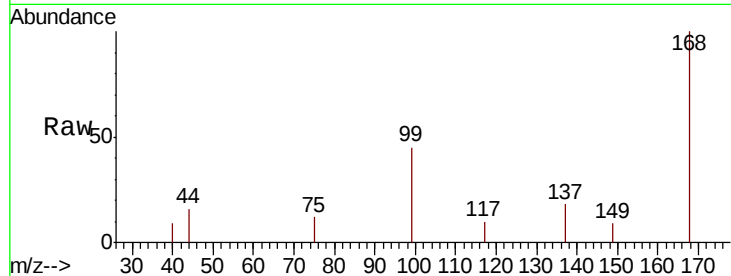




#36
 1,1-Dichloropropene
 Concen: 4.692 ug/l
 RT: 7.96 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VW010621.D
 Acq: 30 May 2019 18:16

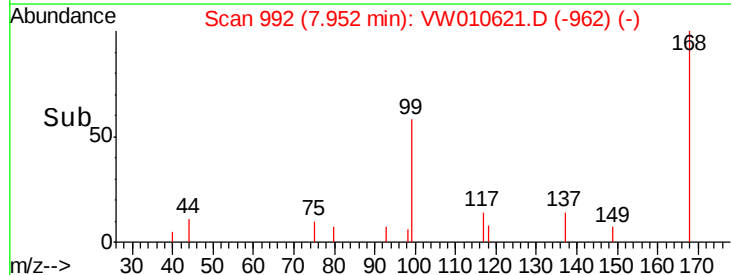
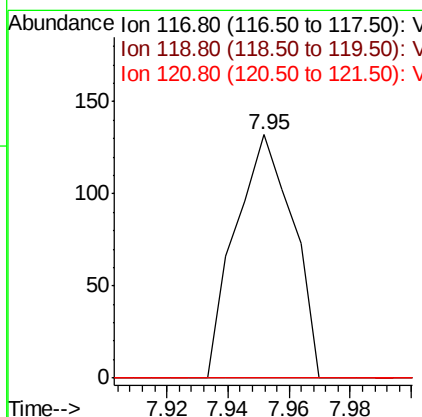
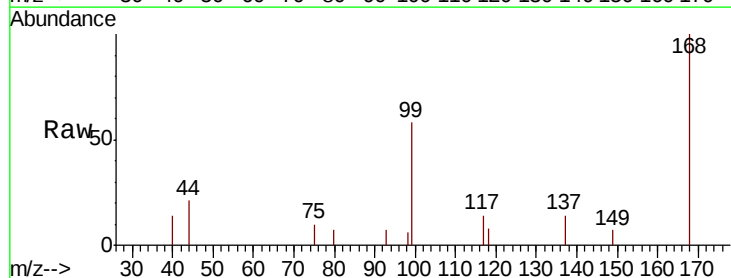
Instrument :
 MSVOA_W
 ClientSampleId :
 0430-HR-10(HACKENSACK)

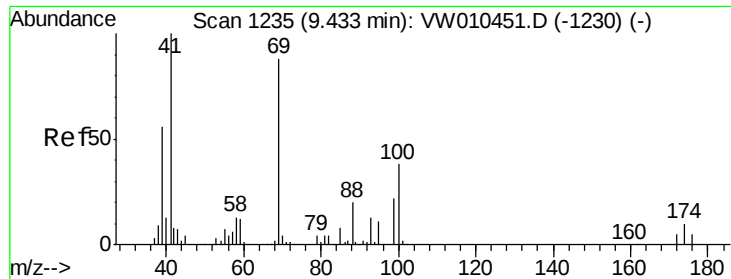
Tot Ion: 75 Resp: 143
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.231 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010621.D
 Acq: 30 May 2019 18:16

Tgt Ion: 117 Resp: 172
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.4 116.0#
 121 0.0 25.0 37.6#

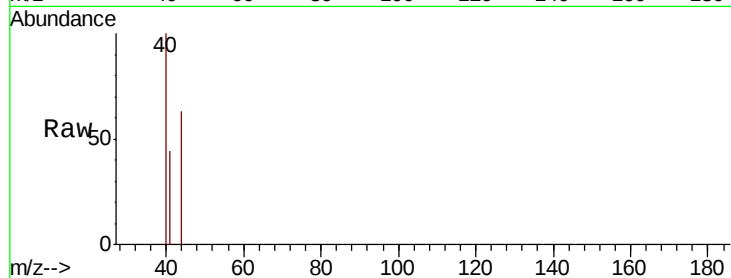




#48
Methvl methacrylate
Concen: 1.857 ug/l
RT: 9.31 min Scan# 1215
Delta R.T. -0.12 min
Lab File: VW010621.D
Acq: 30 May 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
0430-HR-10(HACKENSACK)

Tot Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.6	116.4#
39	0.0	49.8	74.8#

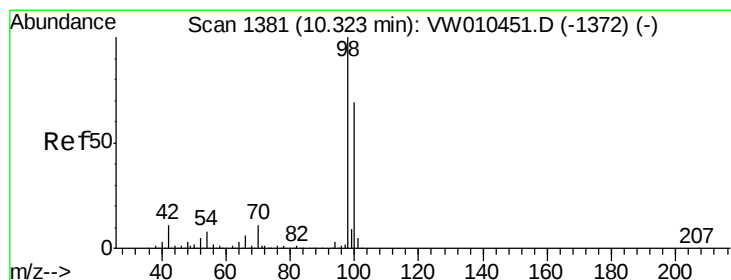
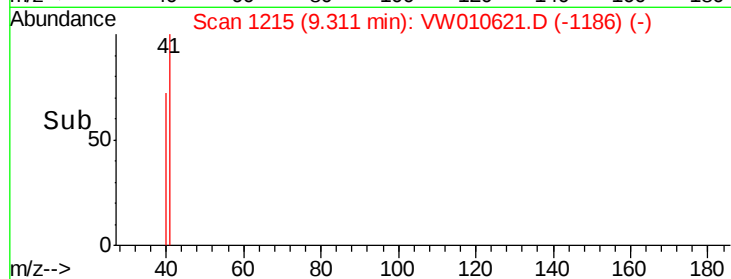
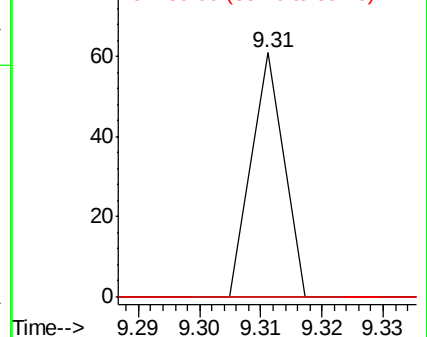


Abundance

Ion 41.00 (40.70 to 41.70): VW

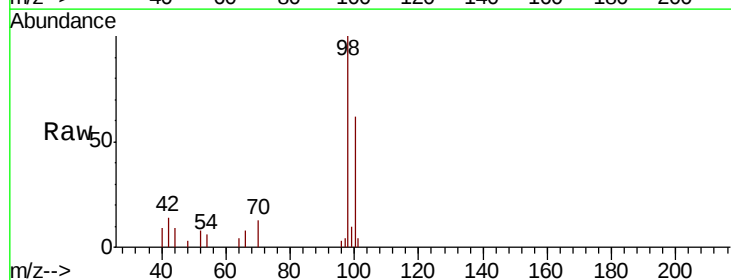
Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW



#50
Toluene-d8
Concen: 46.054 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010621.D
Acq: 30 May 2019 18:16

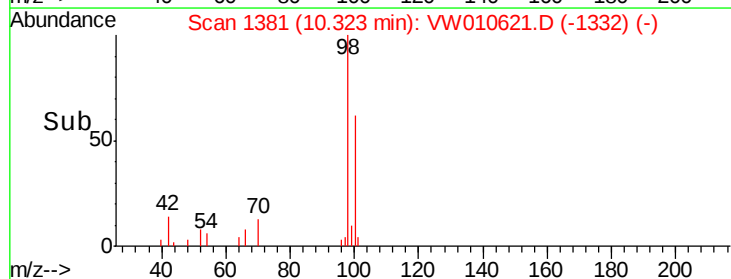
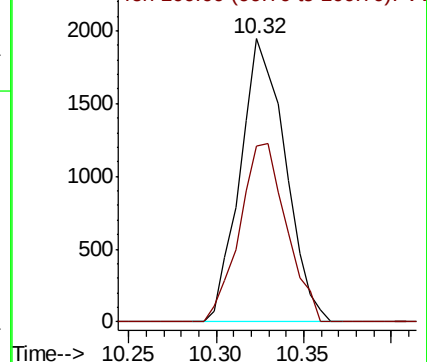
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.7	80.5

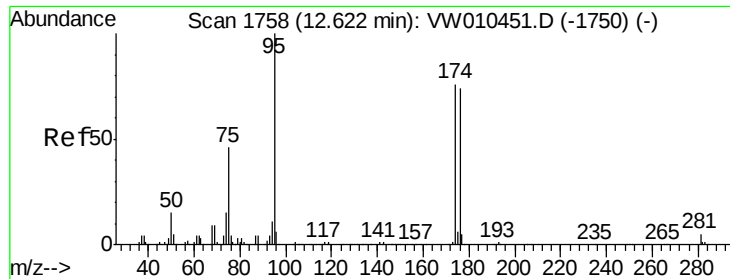


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

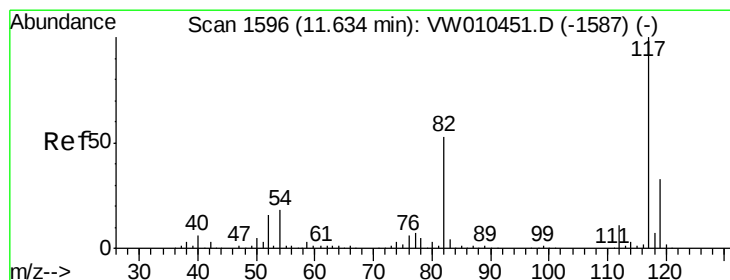
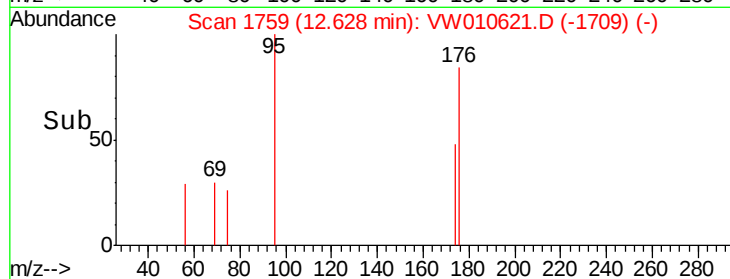
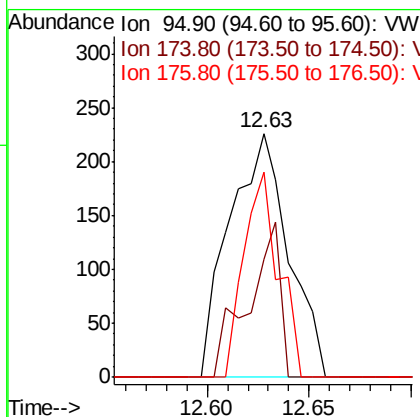
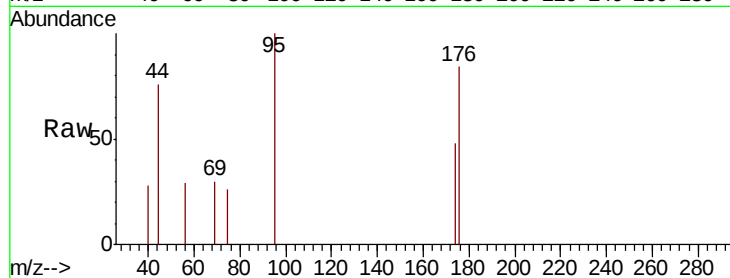




#62
4-Bromofluorobenzene
Concen: 15.094 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW010621.D
Acq: 30 May 2019 18:16

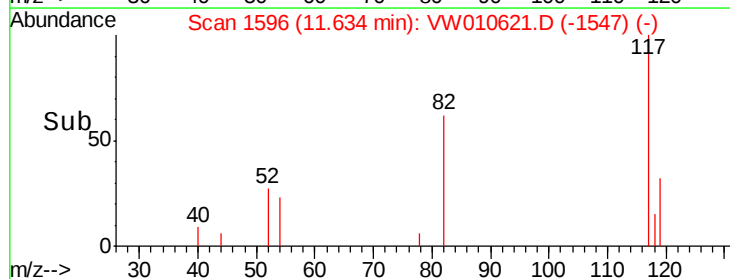
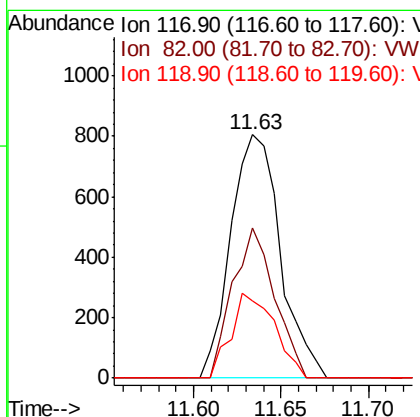
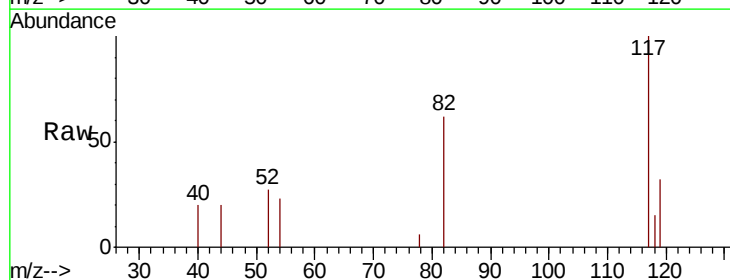
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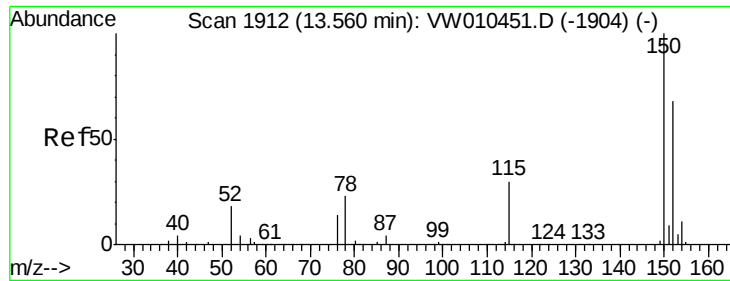
Tot Ion: 95 Resp: 456
Ion Ratio Lower Upper
95 100
174 34.6 0.0 148.6
176 49.1 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010621.D
Acq: 30 May 2019 18:16

Tgt Ion: 117 Resp: 1589
Ion Ratio Lower Upper
117 100
82 61.8 42.8 64.2
119 31.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.01 min

Lab File: VW010621.D

Acq: 30 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

0430-HR-10(HACKENSACK)

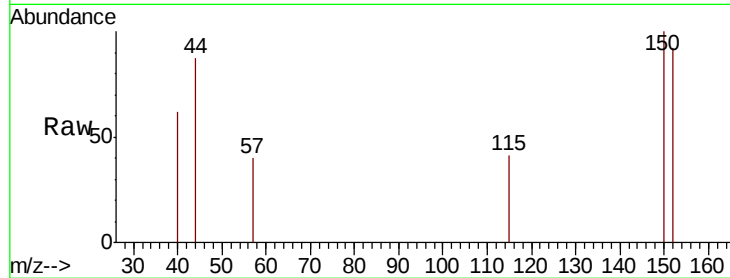
Tot Ion:152 Resp: 217

Ion Ratio Lower Upper

152 100

115 49.3 30.3 91.0

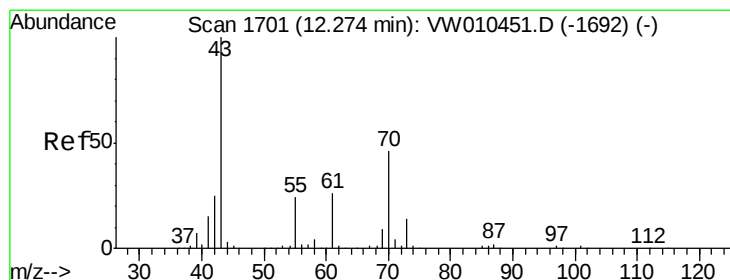
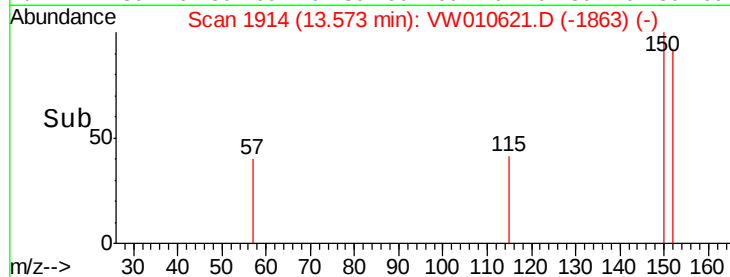
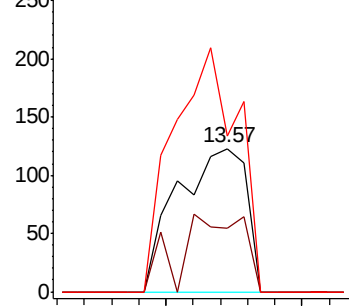
150 158.5 0.0 349.8



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



#74

N-ethyl acetate

Concen: 20.020 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW010621.D

Acq: 30 May 2019 18:16

Tgt Ion: 43 Resp: 79

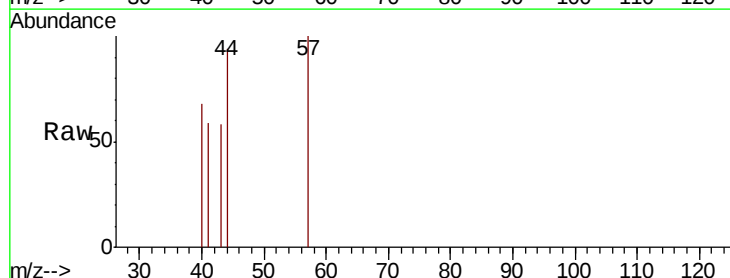
Ion Ratio Lower Upper

43 100

70 0.0 37.1 55.7#

55 36.7 19.6 29.4#

61 0.0 20.7 31.1#

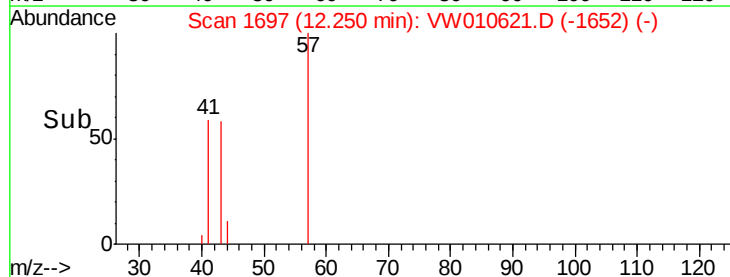
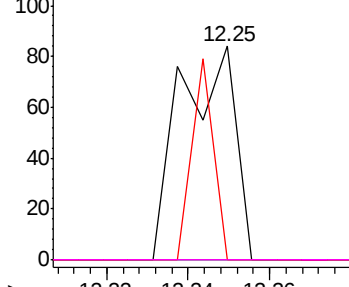


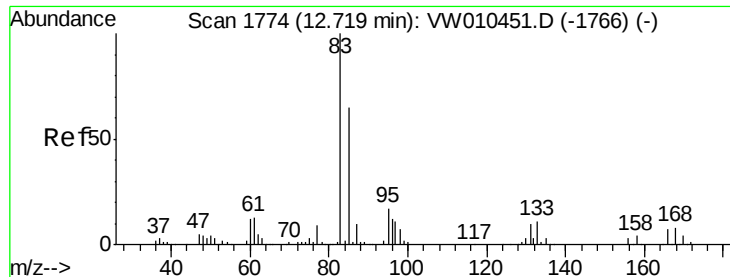
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 7.663 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.22 min

Lab File: VW010621.D

Acq: 30 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

0430-HR-10(HACKENSACK)

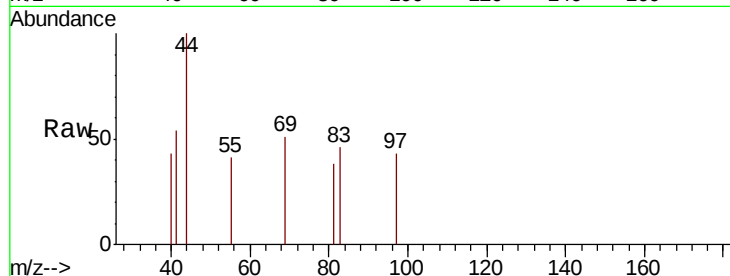
Tot Ion: 83 Resp: 24

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

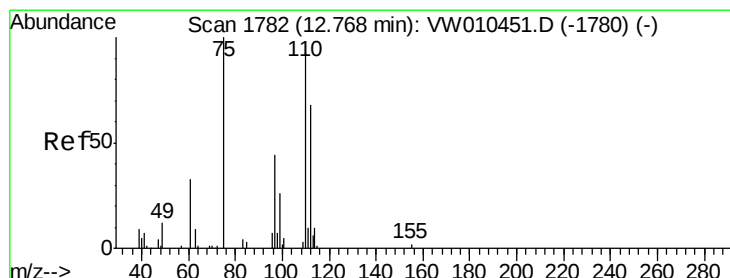
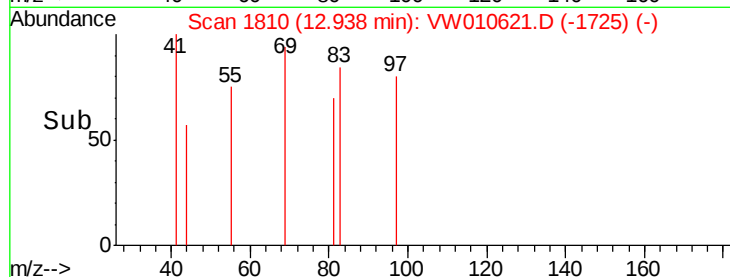
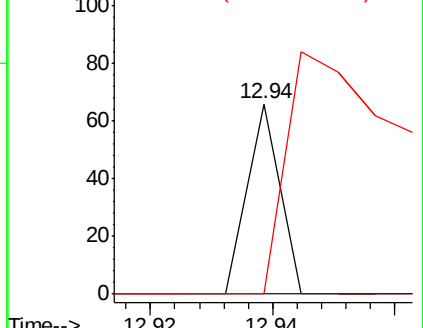
85 425.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 49.939 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010621.D

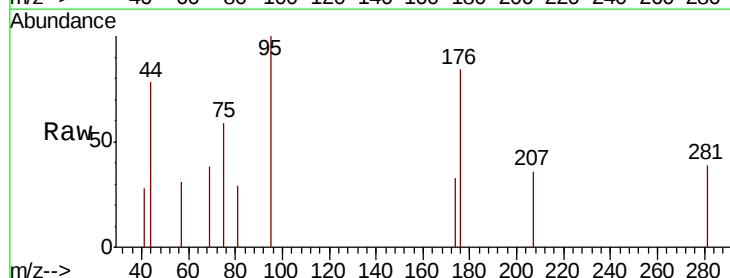
Acq: 30 May 2019 18:16

Tgt Ion: 75 Resp: 110

Ion Ratio Lower Upper

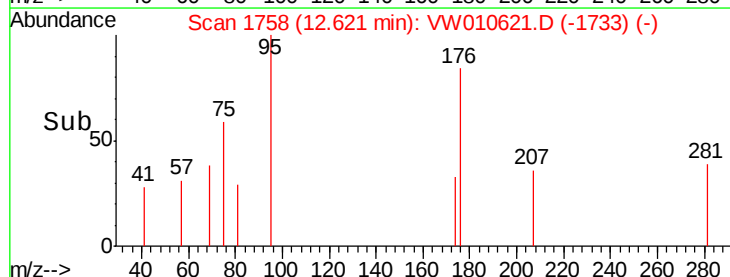
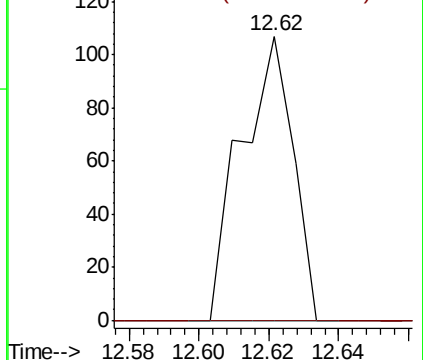
75 100

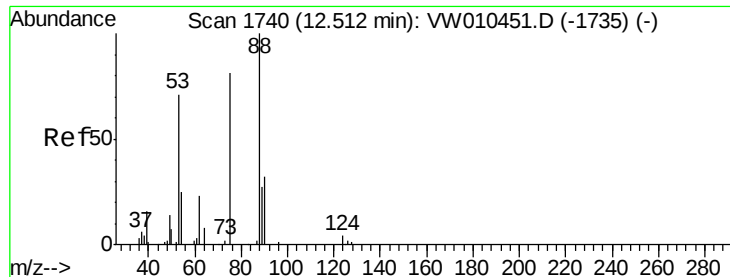
77 0.0 170.0 510.1#



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: 104.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010621.D

Acq: 30 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

0430-HR-10(HACKENSACK)

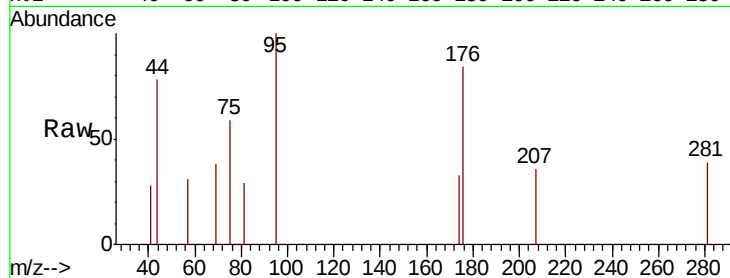
Tot Ion: 75 Resp: 110

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

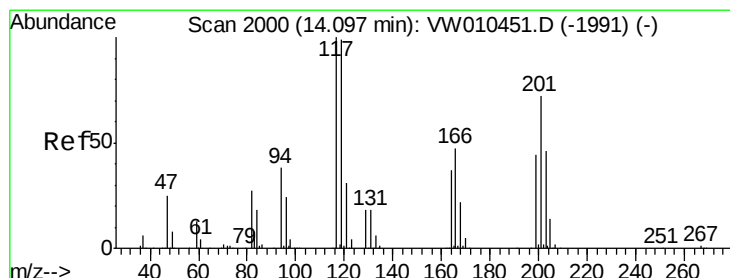
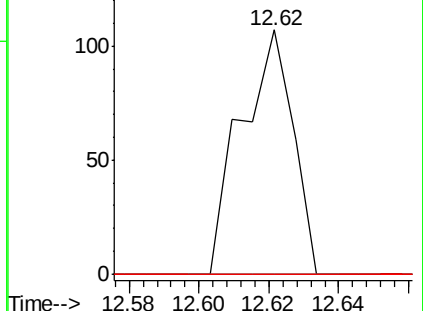
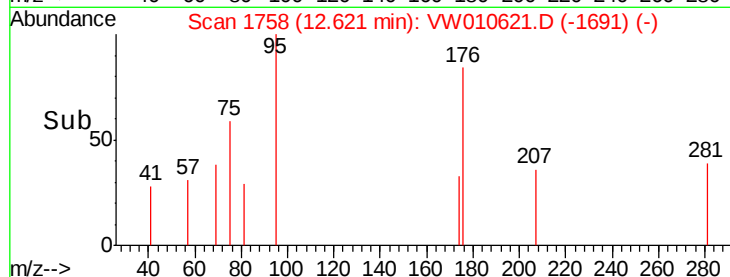


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

12.62



#90

Hexachloroethane

Concen: 85.485 ug/l

RT: 14.21 min Scan# 2018

Delta R.T. 0.11 min

Lab File: VW010621.D

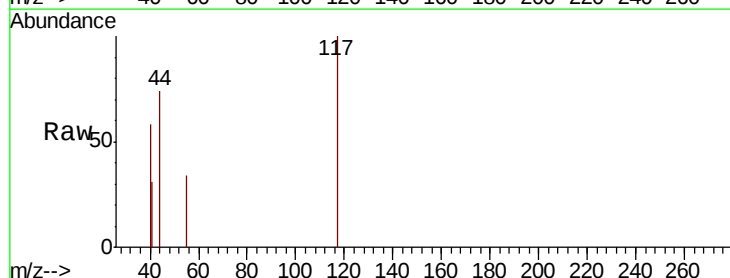
Acq: 30 May 2019 18:16

Tgt Ion: 117 Resp: 267

Ion Ratio Lower Upper

117 100

201 0.0 34.6 103.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.21

