

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010507.D
 Acq On : 22 May 2019 13:47
 Operator : SY/VA
 Sample : K2993-16
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1

Quant Time: May 23 06:56:54 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

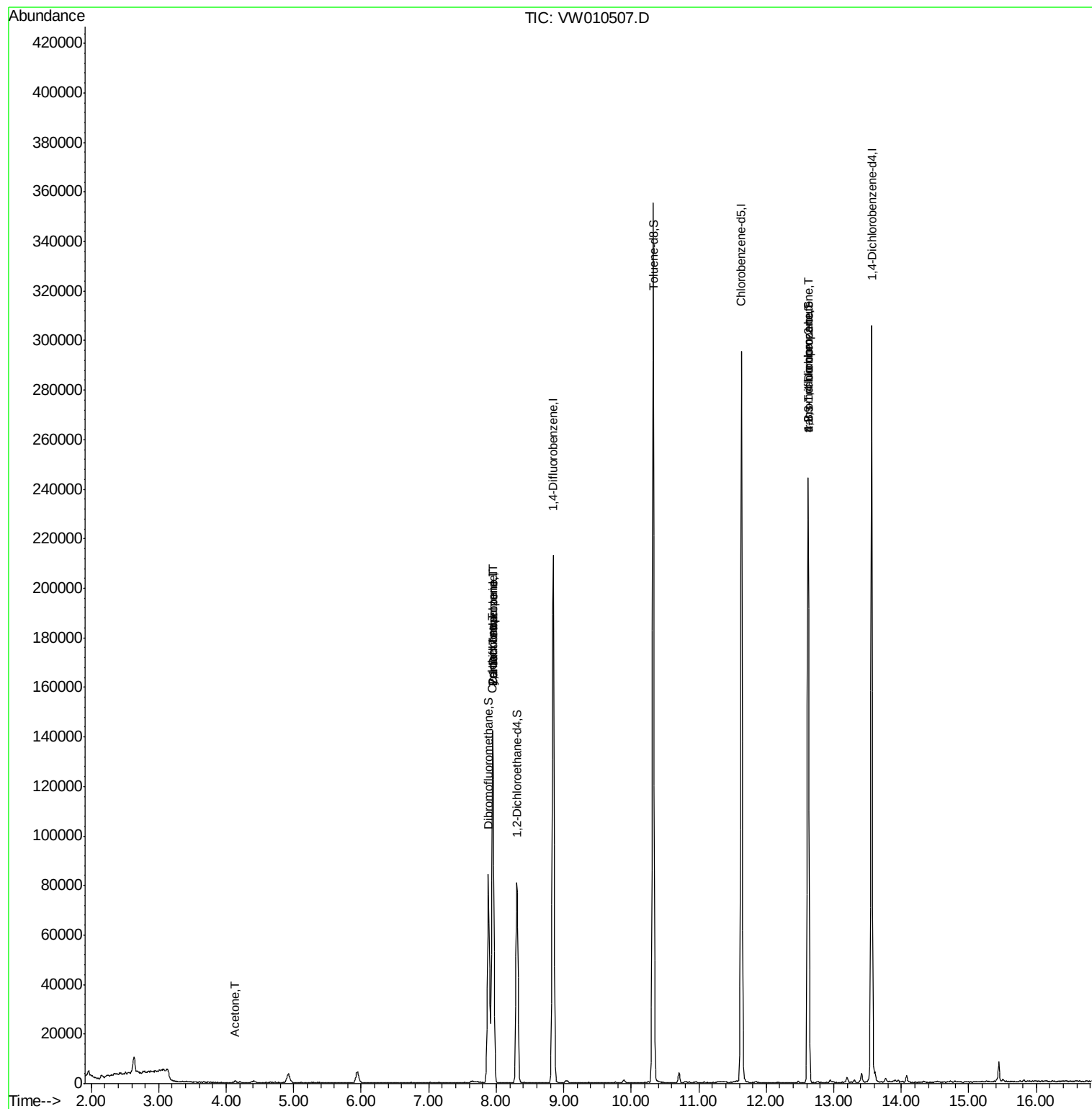
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	194461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64248	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
35) Dibromofluoromethane	7.88	113	60201	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	239184	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.62	95	90574	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	233	Below Cal	#	42
16) Acetone	4.13	43	1332	6.062	ug/l	91
20) Methylene Chloride	4.92	84	2940	Below Cal	#	88
31) Cyclohexane	7.94	56	2219	1.086	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	8275	4.568	ug/l #	46
38) Carbon Tetrachloride	7.95	117	11494	5.882	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	43033	54.299	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	43033	113.323	ug/l #	14

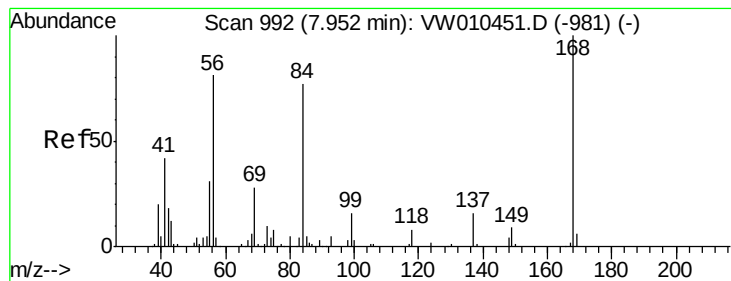
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

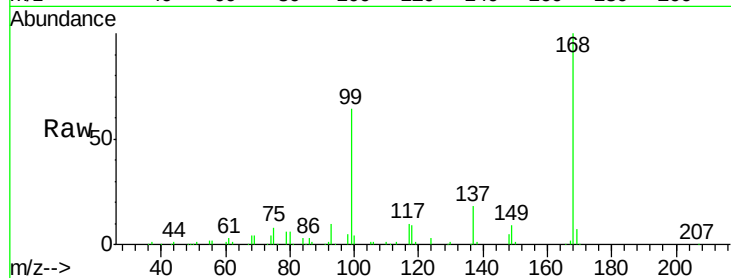
COMP-1

Tot Ion:168 Resp: 104297

Ion Ratio Lower Upper

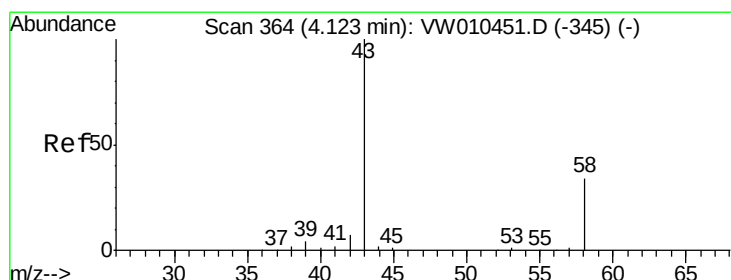
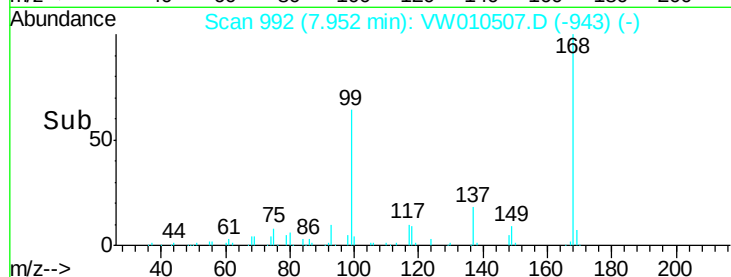
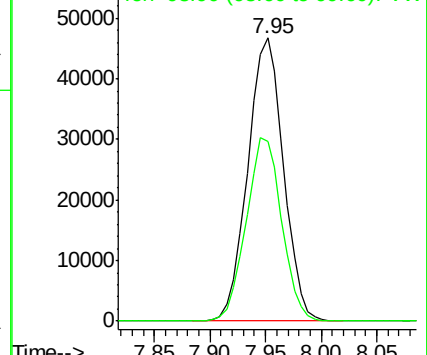
168 100

99 63.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 6.062 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010507.D

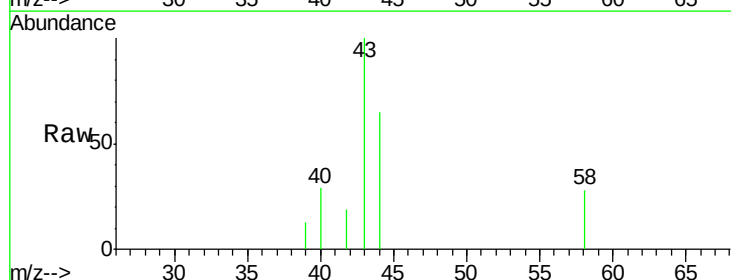
Acq: 22 May 2019 13:47

Tgt Ion: 43 Resp: 1332

Ion Ratio Lower Upper

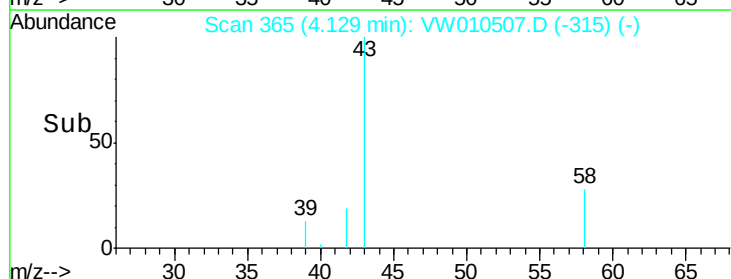
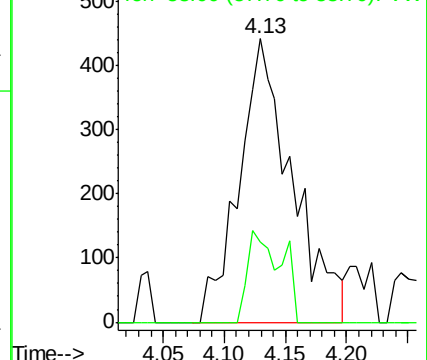
43 100

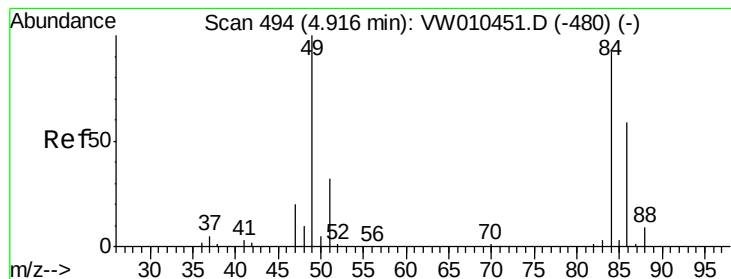
58 28.3 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

COMP-1

Tot Ion: 84 Resp: 2940

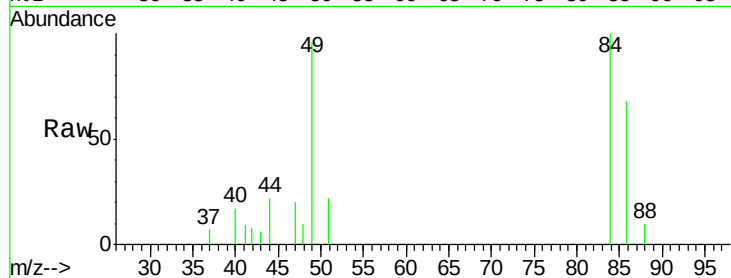
Ion Ratio Lower Upper

84 100

49 95.7 87.2 130.8

51 21.5 27.7 41.5#

86 68.0 51.4 77.0

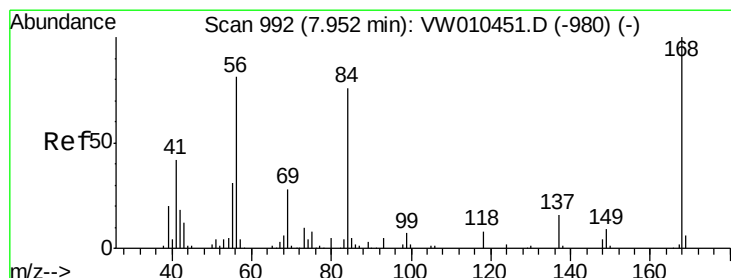
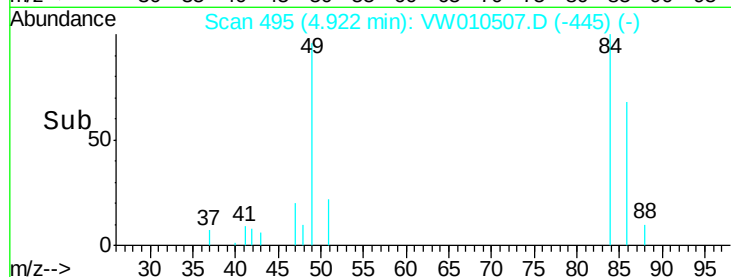
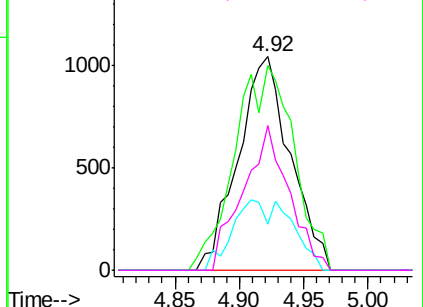


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.086 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

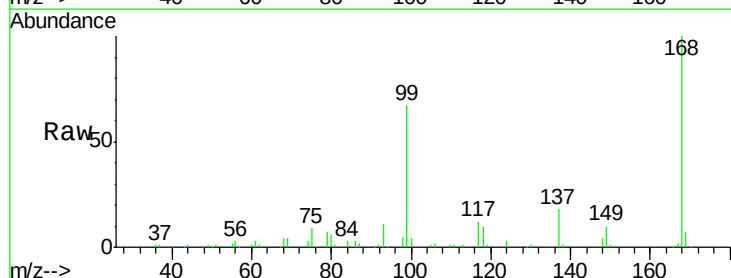
Tgt Ion: 56 Resp: 2219

Ion Ratio Lower Upper

56 100

69 165.4 28.2 42.2#

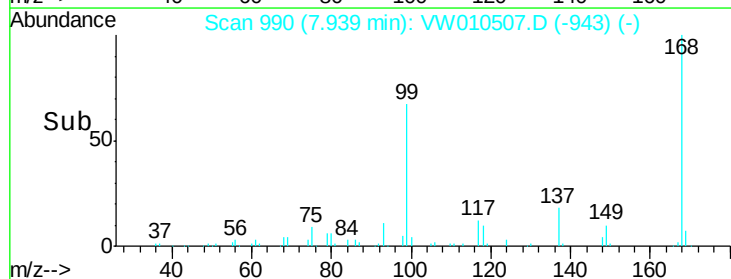
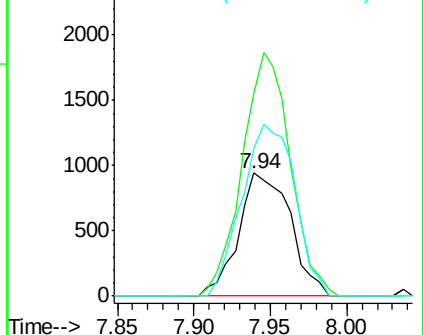
84 119.8 75.8 113.8#

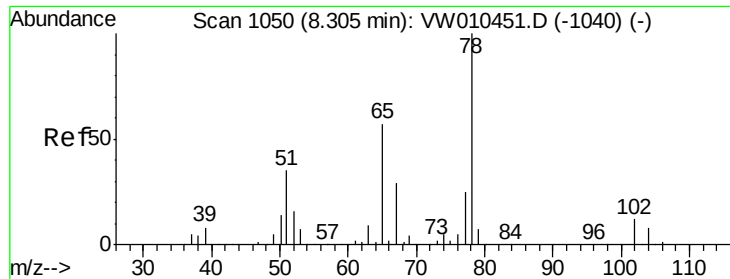


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

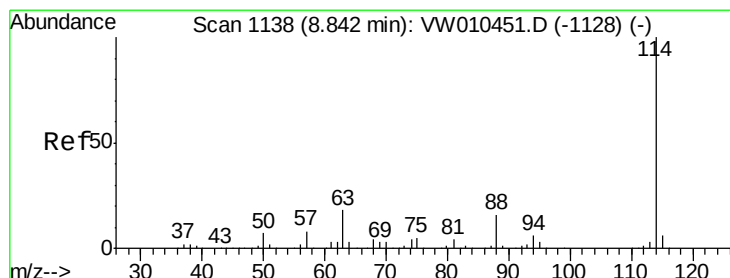
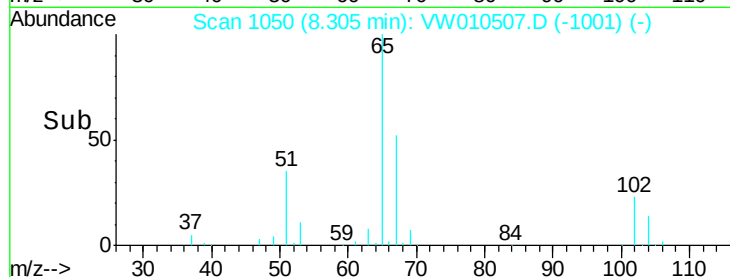
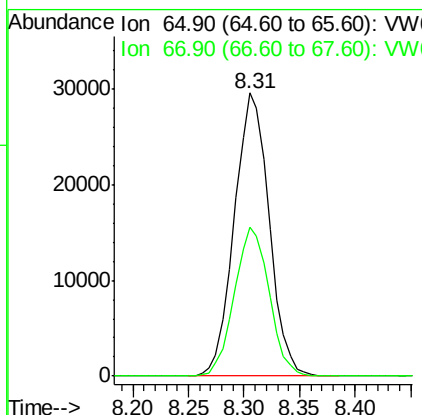
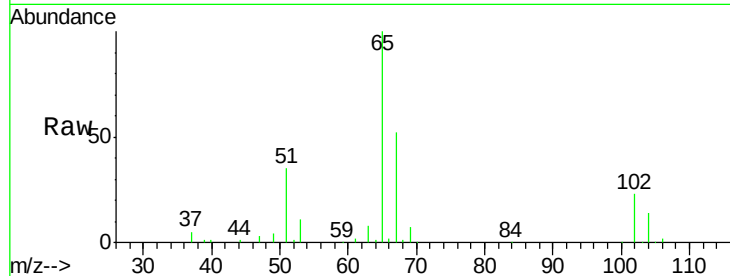




#33
 1,2-Dichloroethane-d4
 Concen: 59.681 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010507.D
 Acq: 22 May 2019 13:47

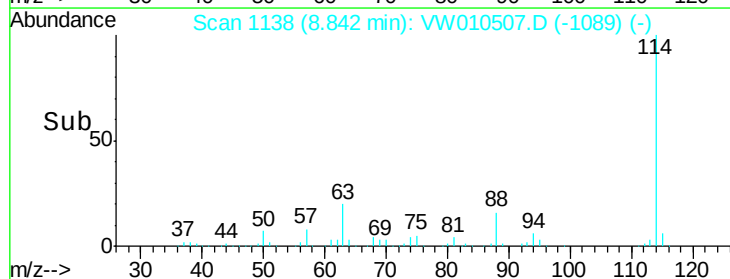
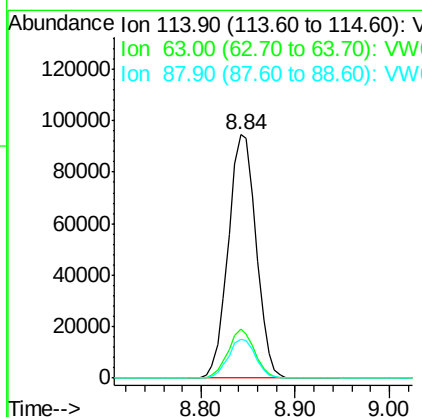
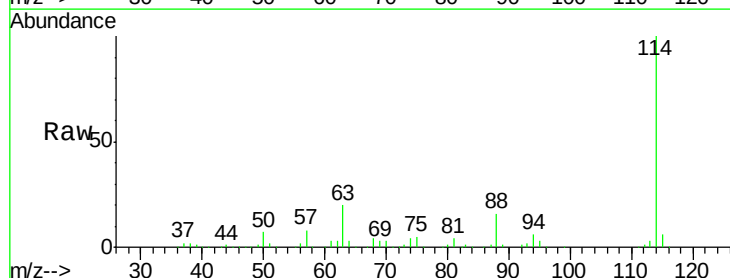
Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1

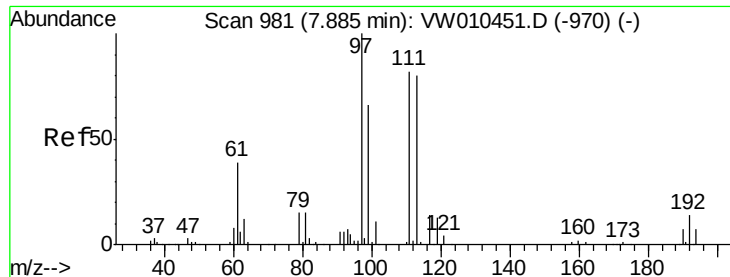
Tot Ion: 65 Resp: 64248
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010507.D
 Acq: 22 May 2019 13:47

Tgt Ion: 114 Resp: 194461
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.0
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.020 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampled :

COMP-1

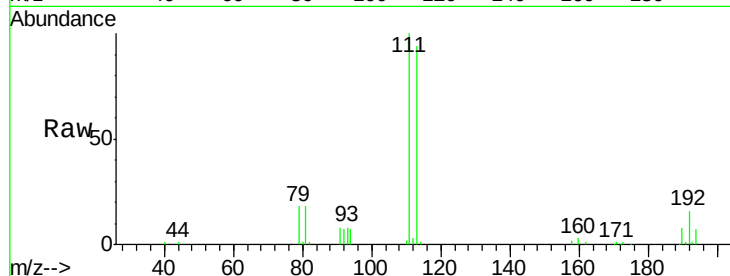
Tot Ion:113 Resp: 60201

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

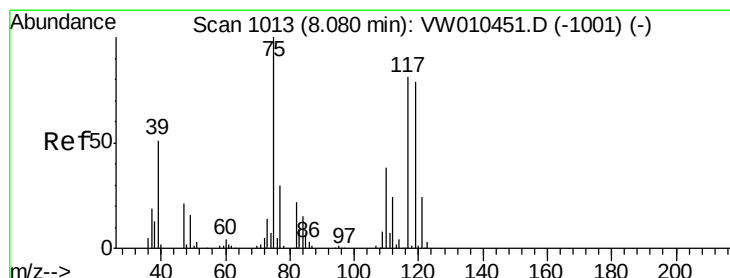
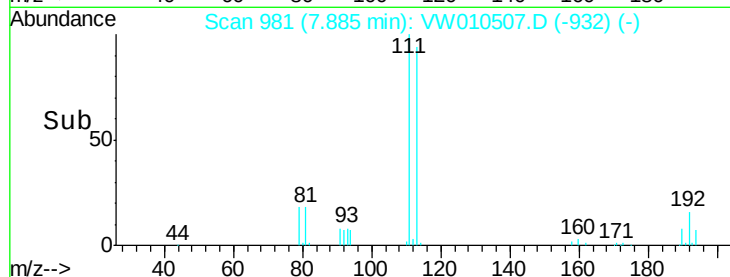
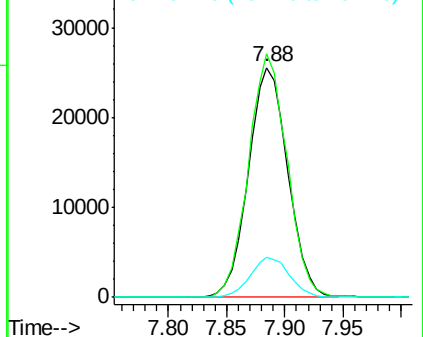
192 17.2 14.3 21.5



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: 4.568 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

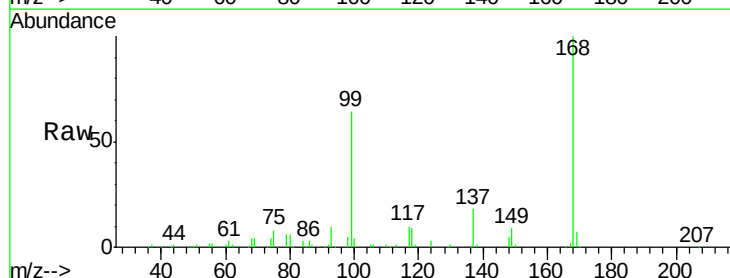
Tgt Ion: 75 Resp: 8275

Ion Ratio Lower Upper

75 100

110 7.4 19.2 57.6#

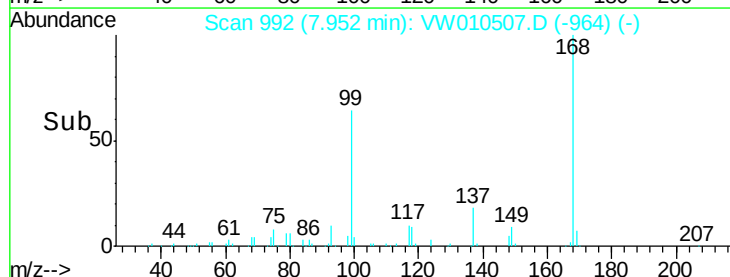
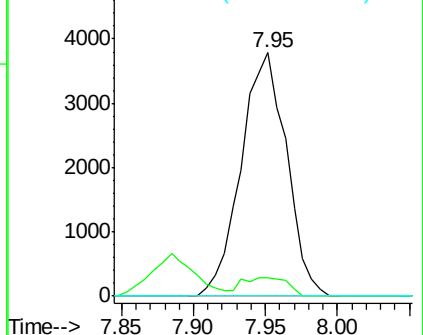
77 0.0 25.2 37.8#

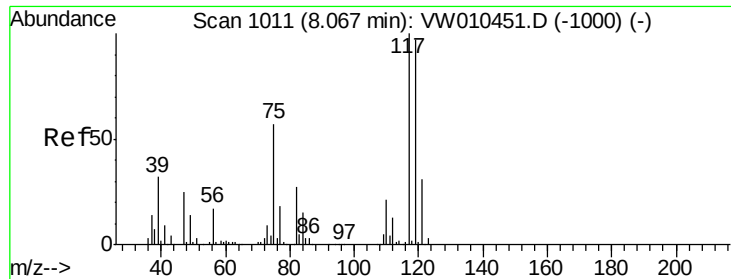


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.882 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampled :

COMP-1

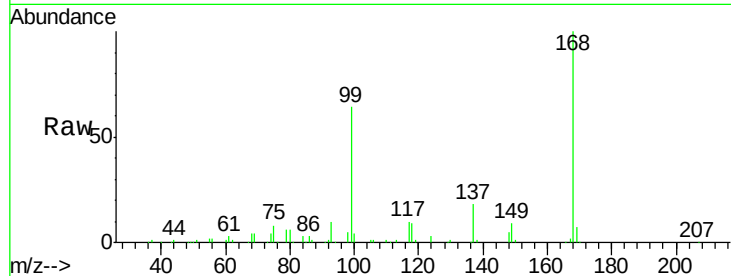
Tot Ion:117 Resp: 11494

Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.0#

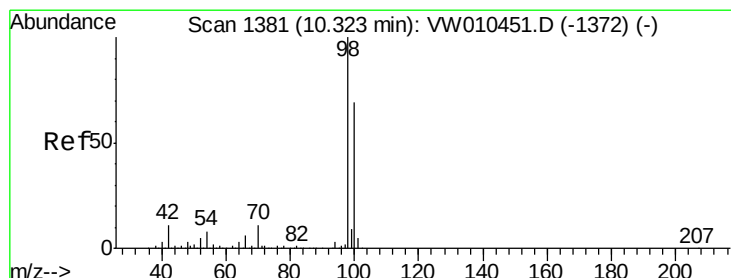
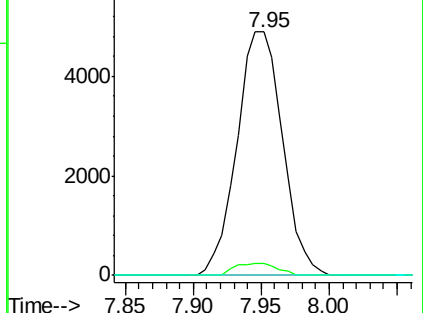
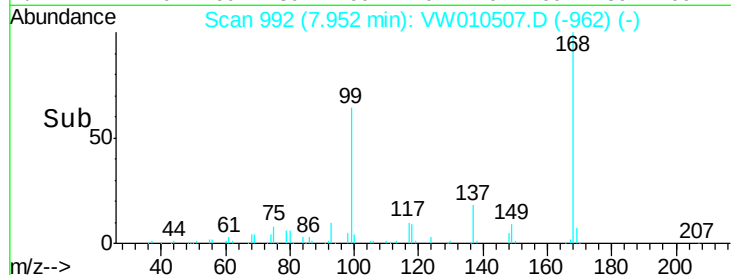
121 0.0 25.0 37.6#



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: 53.061 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010507.D

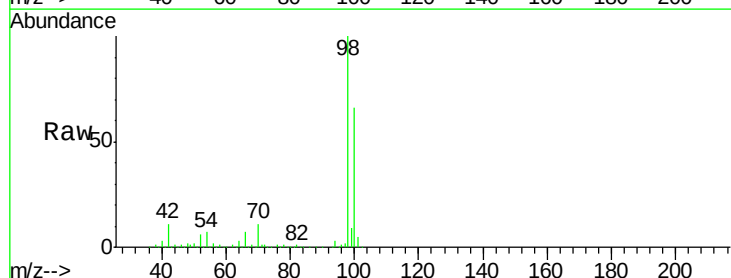
Acq: 22 May 2019 13:47

Tgt Ion: 98 Resp: 239184

Ion Ratio Lower Upper

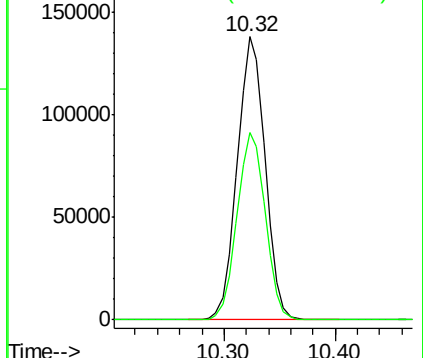
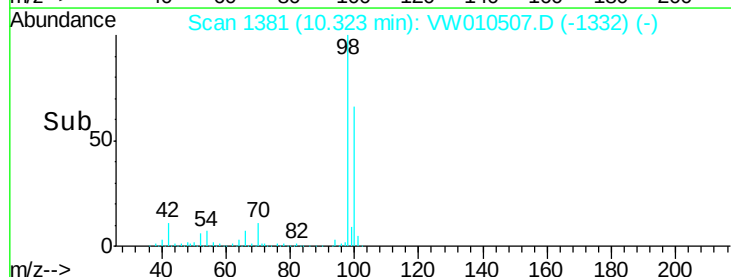
98 100

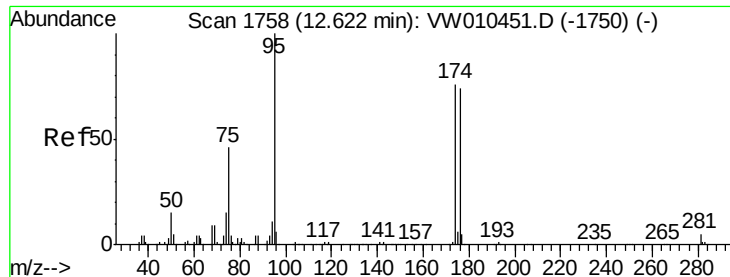
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.446 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

COMP-1

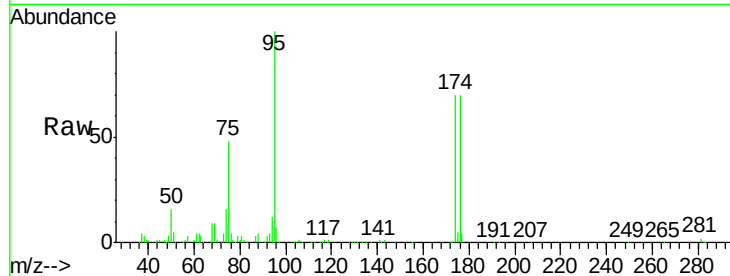
Tot Ion: 95 Resp: 90574

Ion Ratio Lower Upper

95 100

174 68.5 0.0 148.6

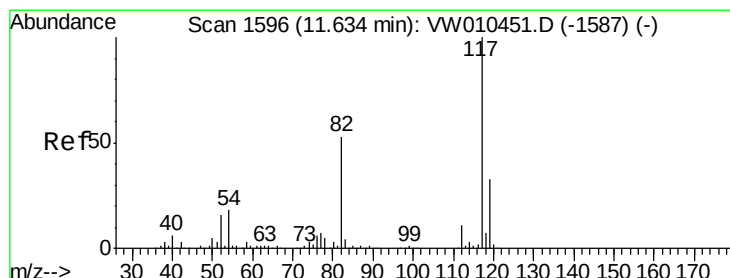
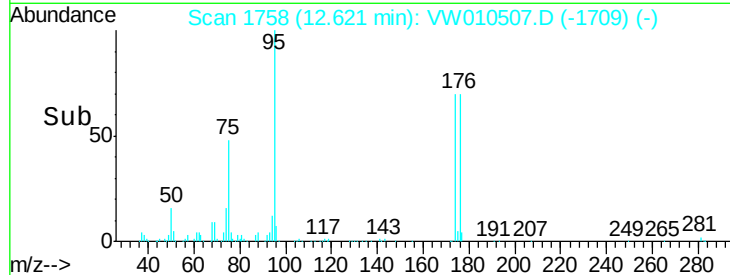
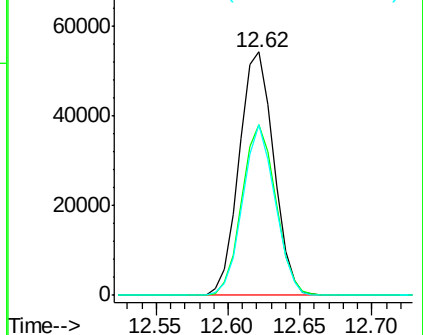
176 65.6 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

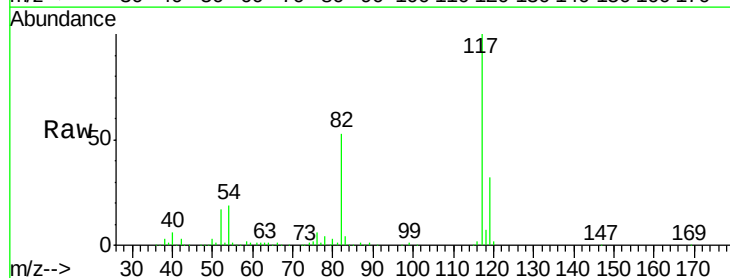
Tgt Ion: 117 Resp: 175004

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

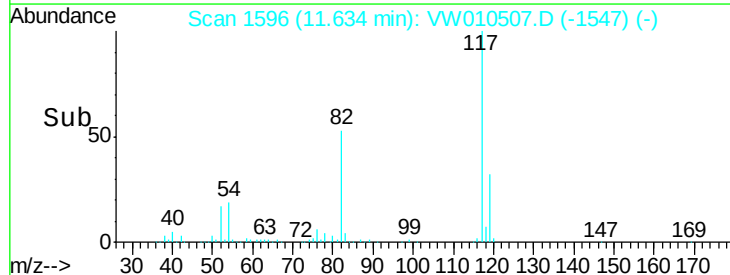
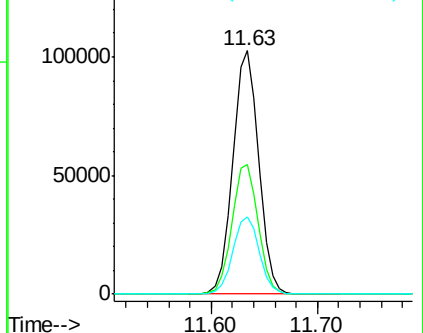
119 31.8 26.3 39.5

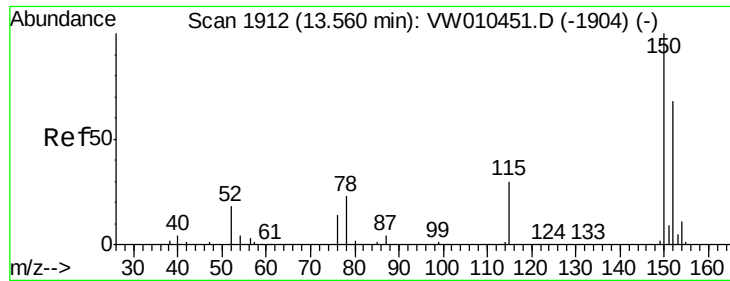


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



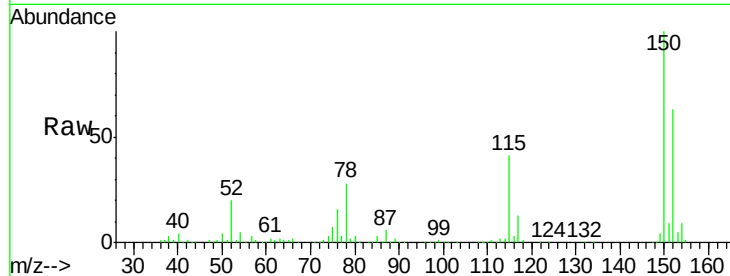


#72

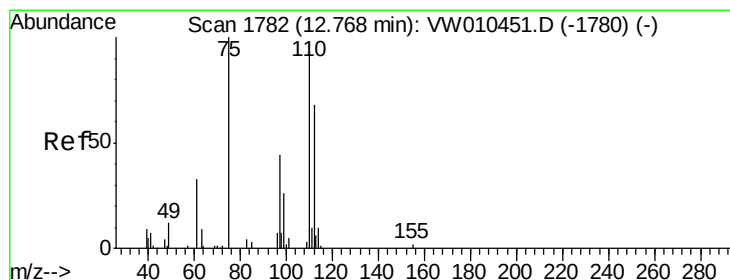
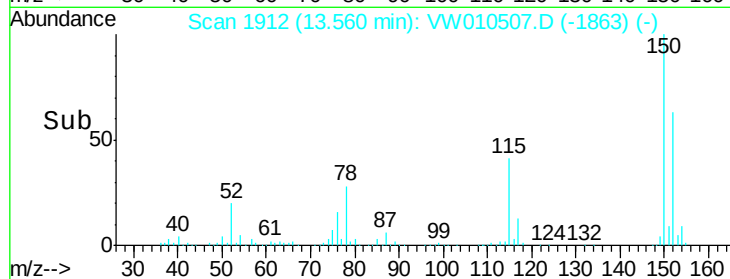
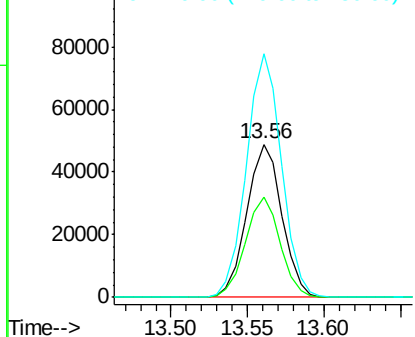
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010507.D
Acq: 22 May 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 78076
Ion Ratio Lower Upper
152 100
115 64.5 30.3 91.0
150 158.3 0.0 349.8



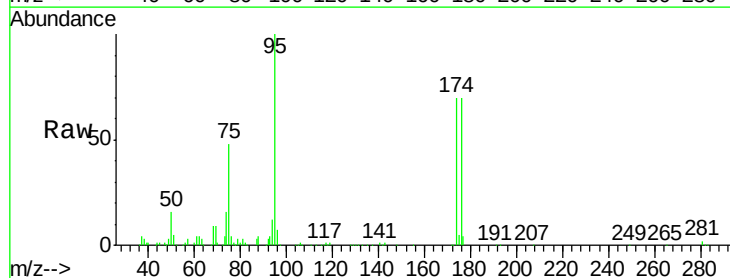
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



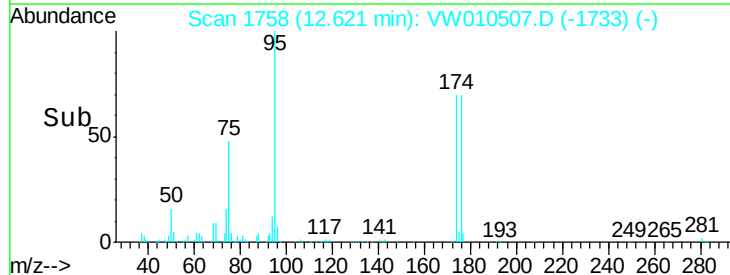
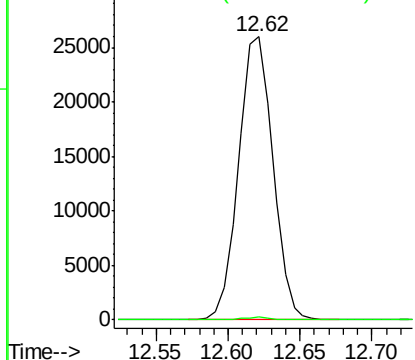
#76

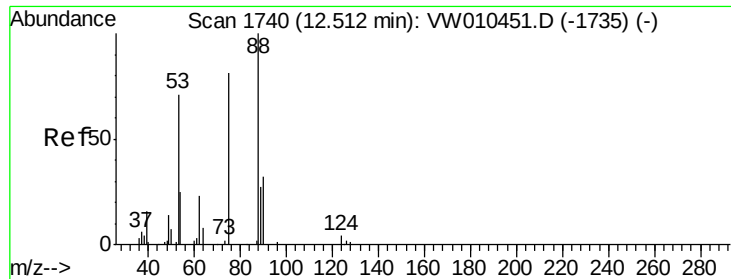
1,2,3-Trichloropropane
Concen: 54.299 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010507.D
Acq: 22 May 2019 13:47

Tgt Ion: 75 Resp: 43033
Ion Ratio Lower Upper
75 100
77 0.9 170.0 510.1#



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: 113.323 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

COMP-1

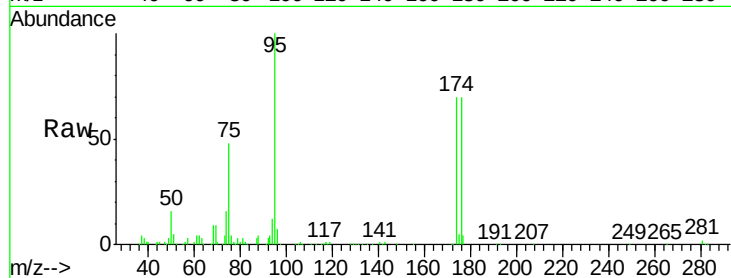
Tot Ion: 75 Resp: 43033

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

