

Data File : VW010588.D
Acq On : 29 May 2019 13:56
Operator : SY/VA
Sample : K3072-05
Misc : 6.59G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Quant Time: May 30 07:12:35 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	107174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	62715	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
35) Dibromofluoromethane	7.88	113	57851	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.32	98	231491	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	85384	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

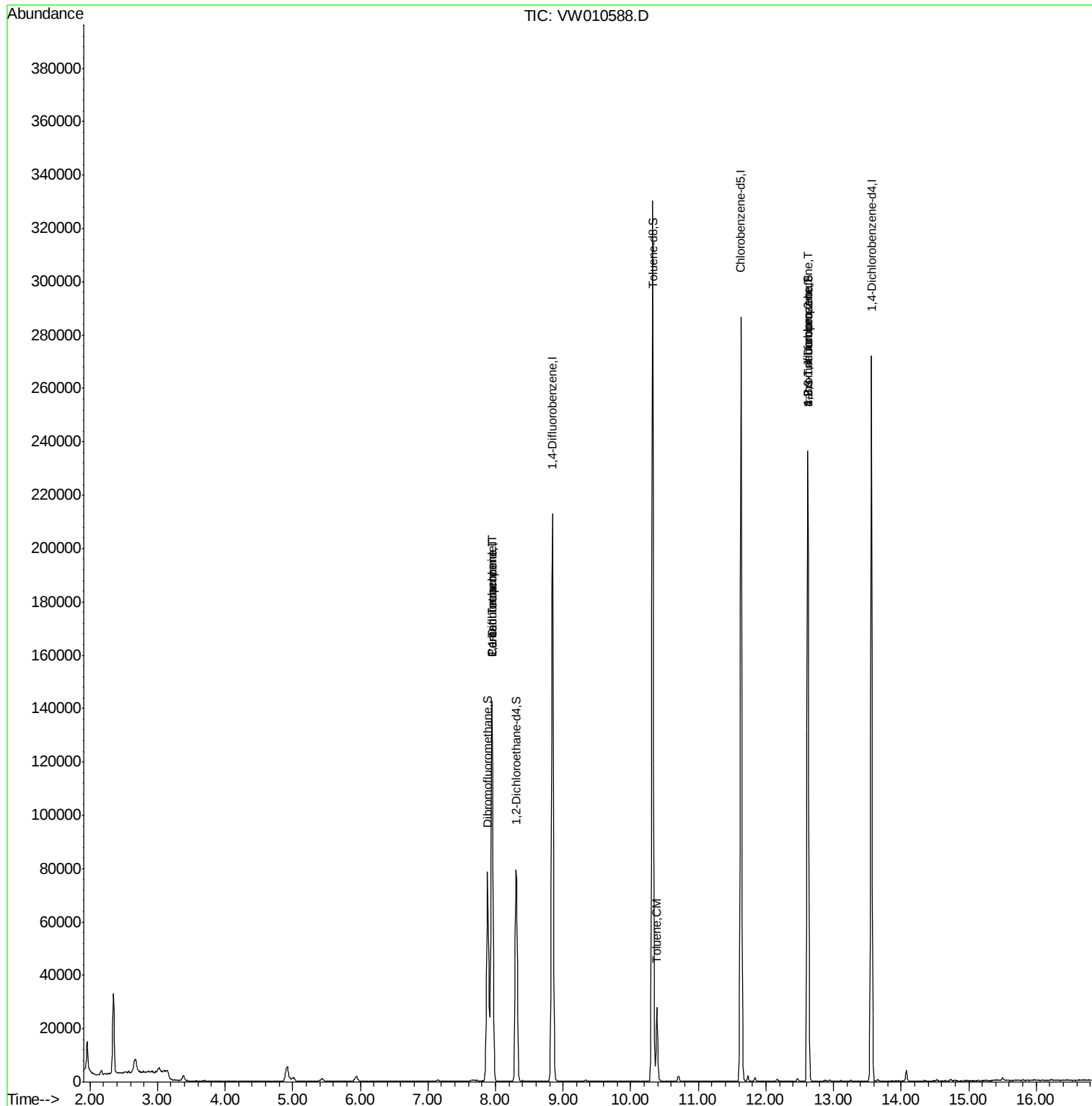
						Qvalue
20) Methylene Chloride	4.91	84	4940	Below Cal		91
36) 1,1-Dichloropropene	7.95	75	7911	4.484 ug/l #		49
38) Carbon Tetrachloride	7.95	117	10745	5.645 ug/l #		16
52) Toluene	10.39	92	12701	3.857 ug/l		94
76) 1,2,3-Trichloropropane	12.62	75	39693	54.309 ug/l #		1
81) trans-1,4-Dichloro-2-buten	12.62	75	39693	113.344 ug/l #		14

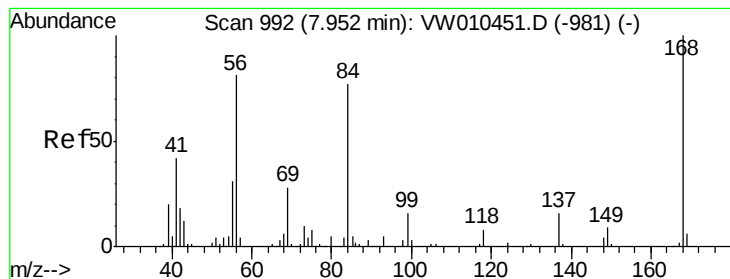
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010588.D

Acq: 29 May 2019 13:56

Instrument :

MSVOA_W

ClientSampled :

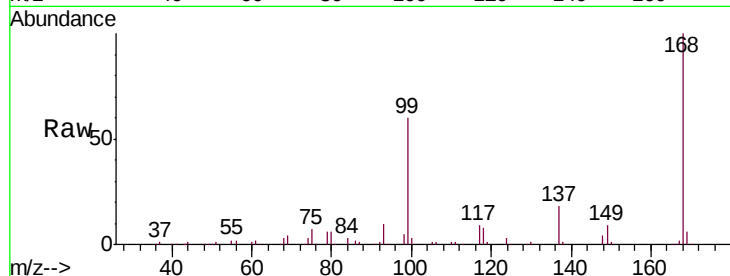
TP-5

Tgt Ion:168 Resp: 107174

Ion Ratio Lower Upper

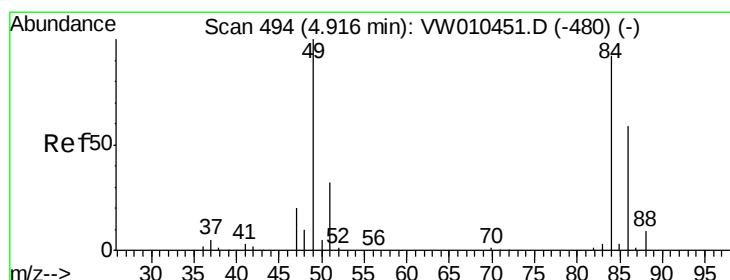
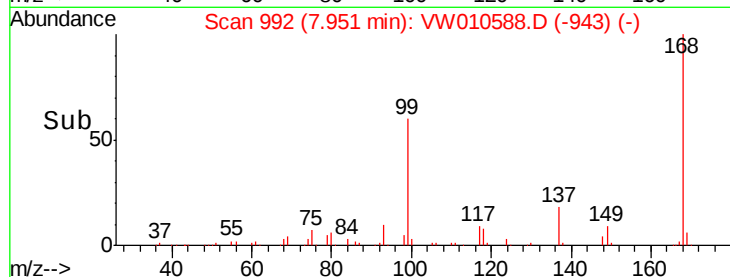
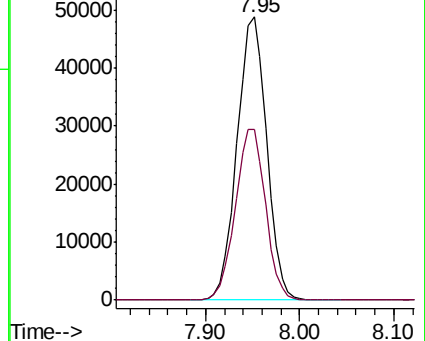
168 100

99 60.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

Tgt Ion: 84 Resp: 4940

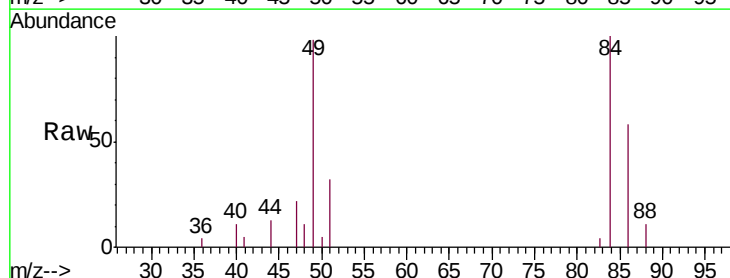
Ion Ratio Lower Upper

84 100

49 97.6 87.2 130.8

51 31.7 27.7 41.5

86 58.1 51.4 77.0

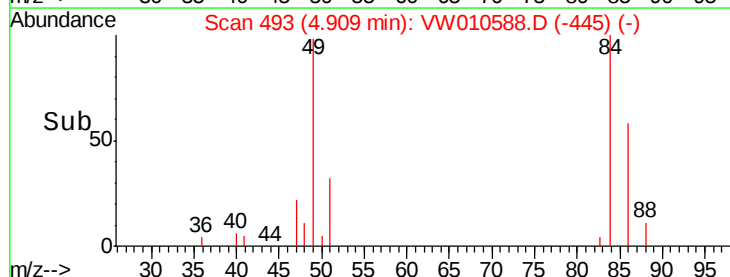
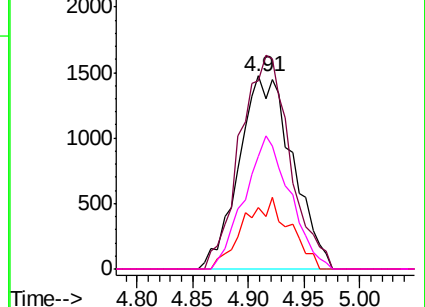


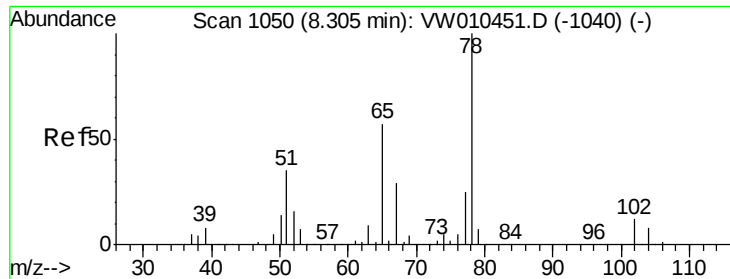
Abundance Ion 83.90 (83.60 to 84.60): VW

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

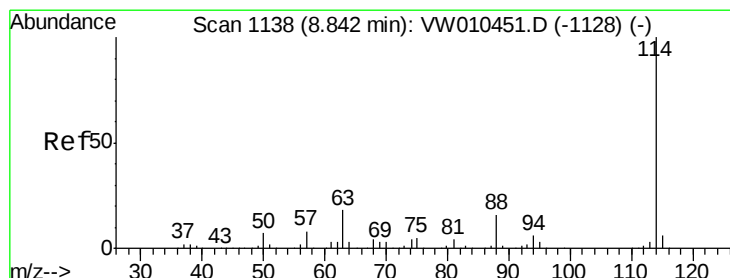
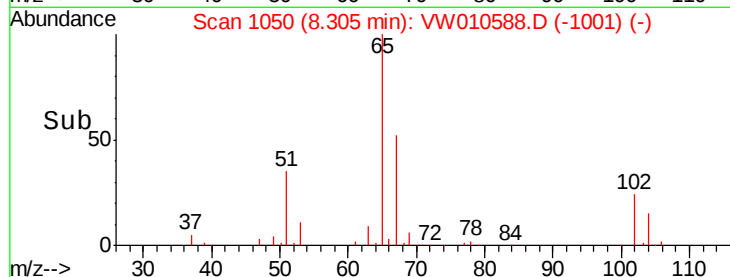
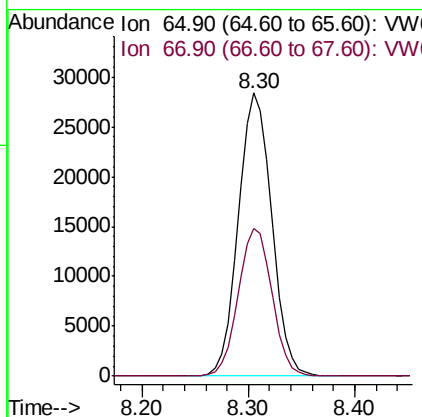
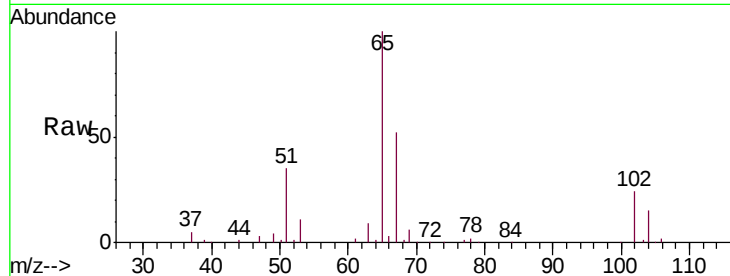




#33
 1,2-Dichloroethane-d4
 Concen: 56.693 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

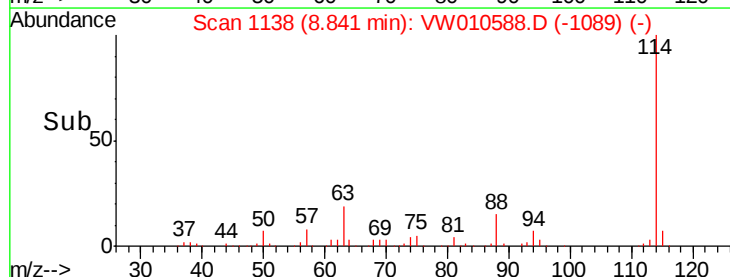
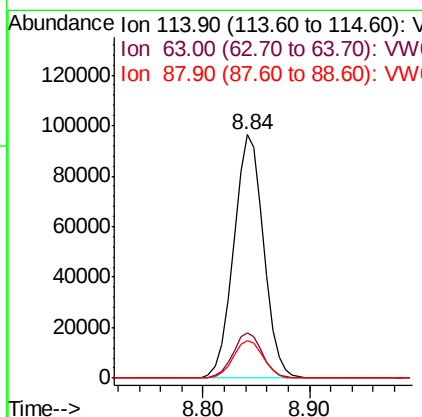
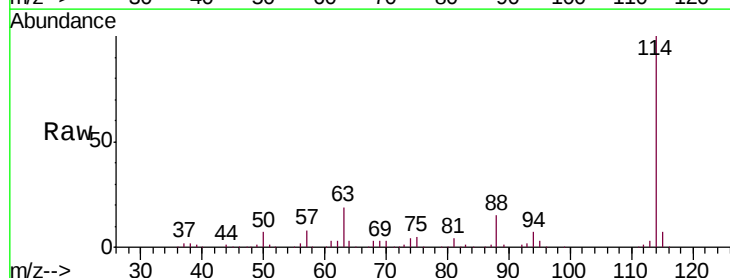
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

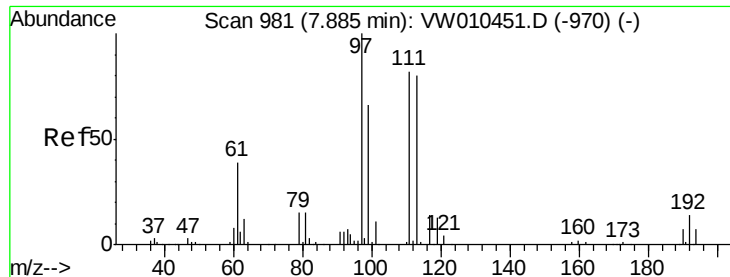
Tgt Ion: 65 Resp: 62715
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

Tgt Ion: 114 Resp: 189400
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 15.3 0.0 32.0

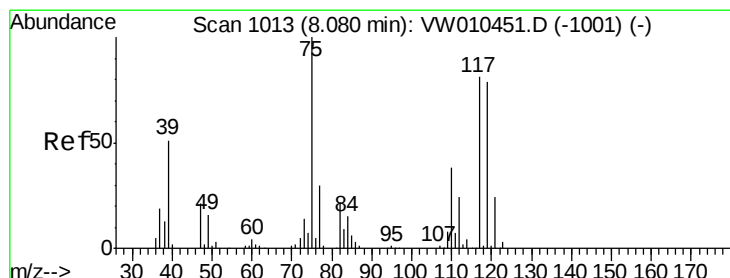
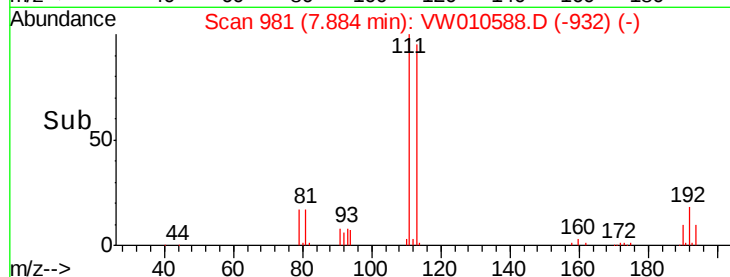
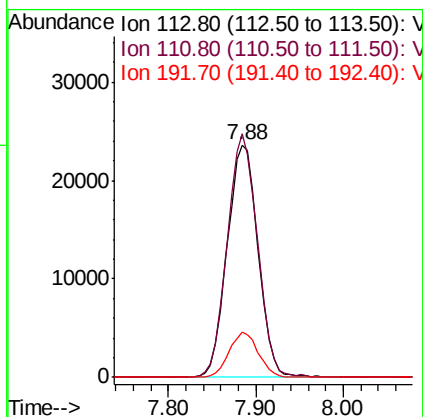
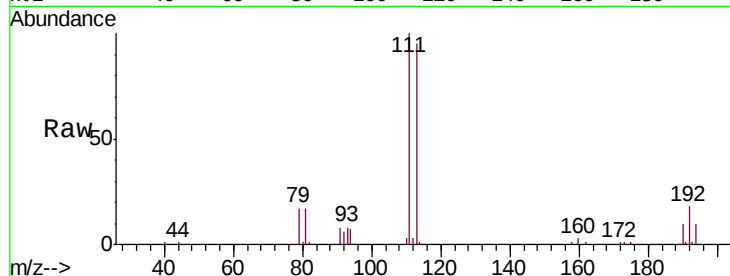




#35
 Dibromofluoromethane
 Concen: 50.338 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

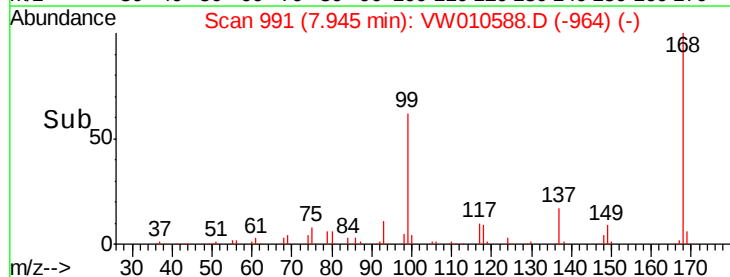
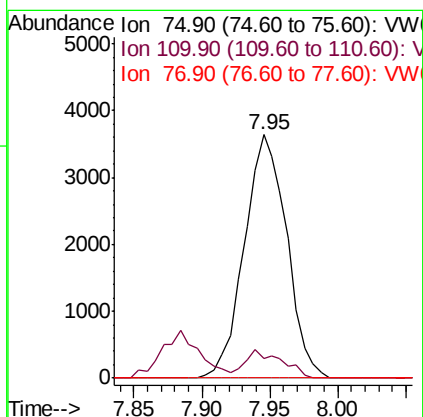
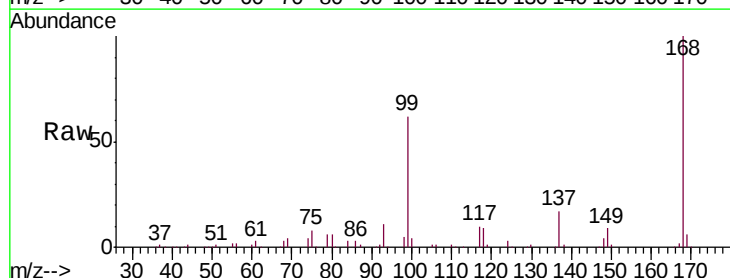
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

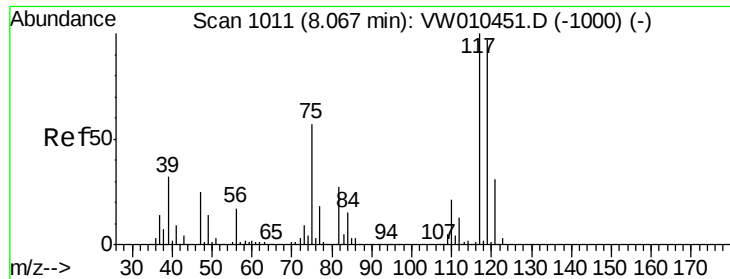
Tgt Ion:113 Resp: 57851
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 18.2 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.484 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

Tgt Ion: 75 Resp: 7911
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.2 57.6#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.645 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

Instrument :

MSVOA_W

ClientSampleId :

TP-5

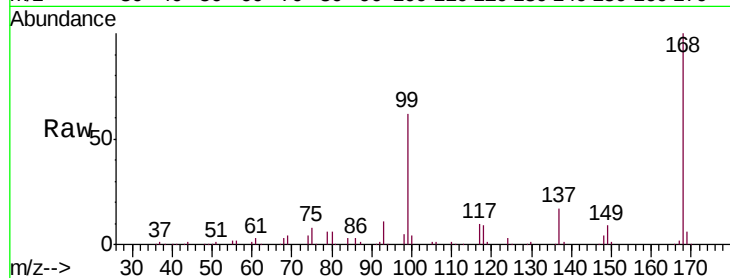
Tgt Ion:117 Resp: 10745

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

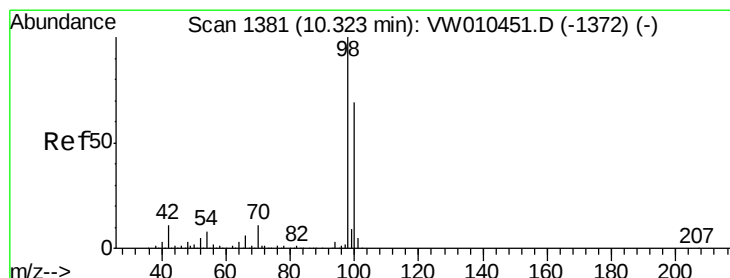
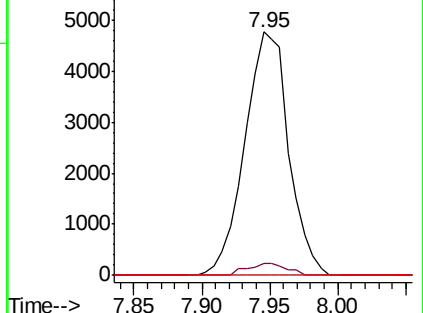
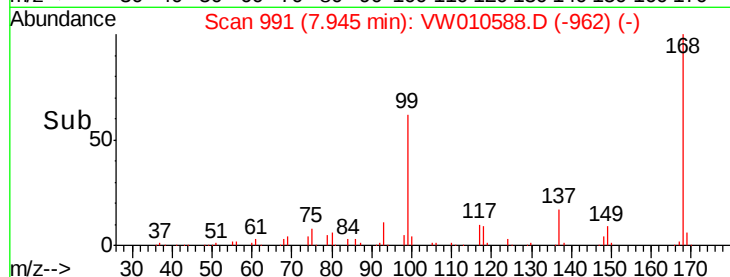
121 0.0 25.0 37.6#



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: 52.727 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010588.D

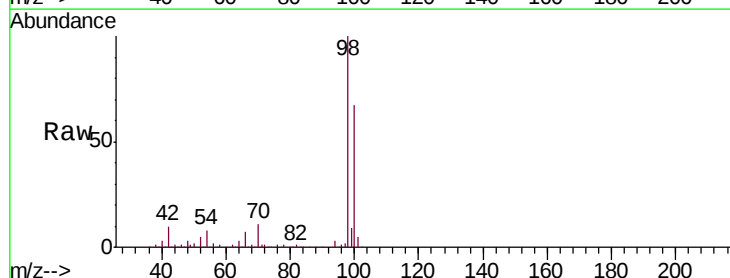
Acq: 29 May 2019 13:56

Tgt Ion: 98 Resp: 231491

Ion Ratio Lower Upper

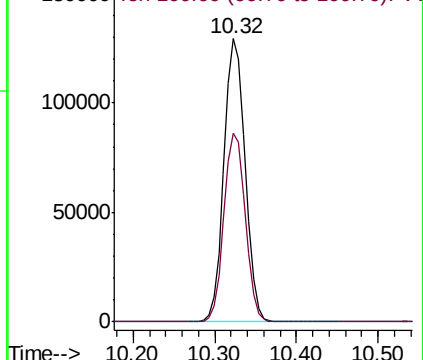
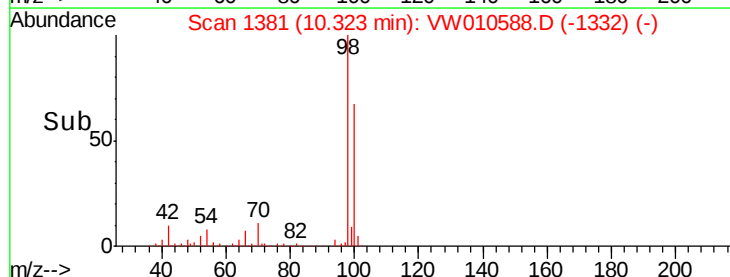
98 100

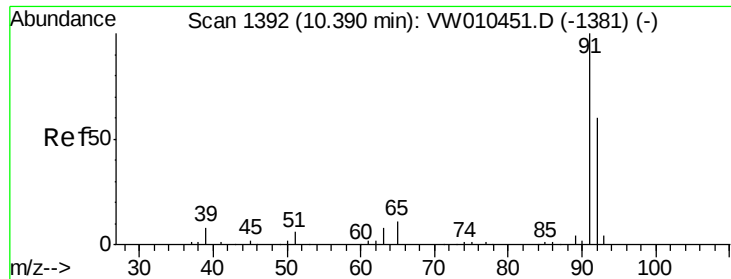
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.857 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

Instrument :

MSVOA_W

ClientSampled :

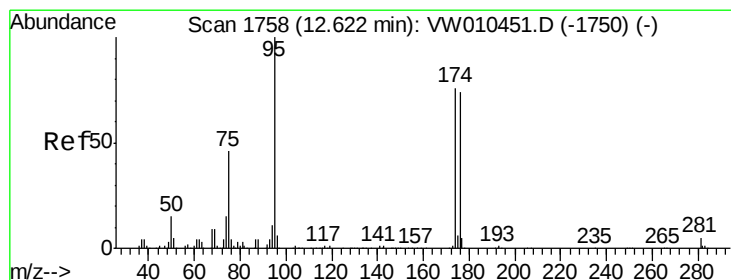
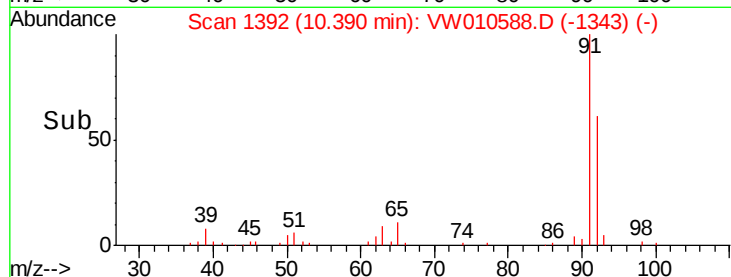
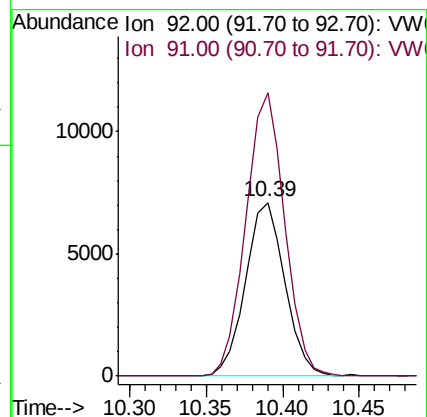
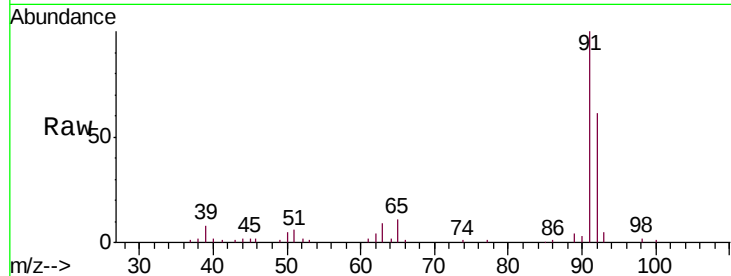
TP-5

Tgt Ion: 92 Resp: 12701

Ion Ratio Lower Upper

92 100

91 160.7 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 48.826 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

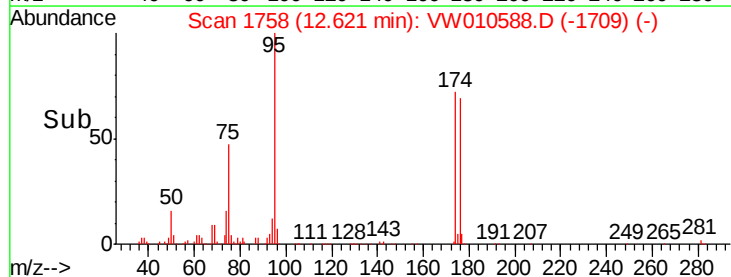
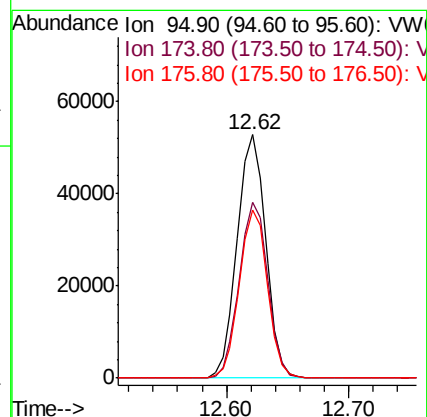
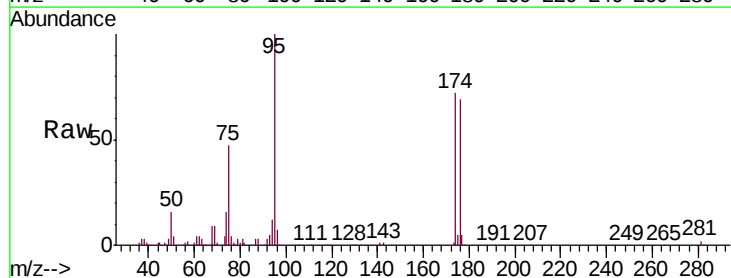
Tgt Ion: 95 Resp: 85384

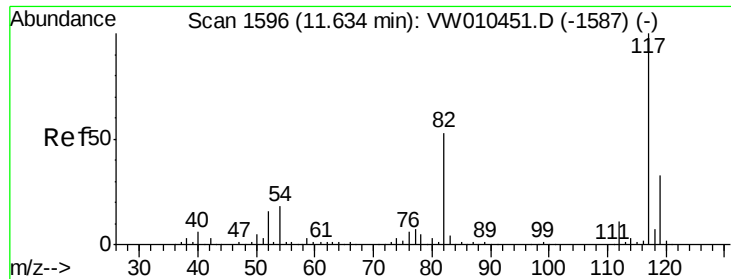
Ion Ratio Lower Upper

95 100

174 72.1 0.0 148.6

176 67.8 0.0 144.2

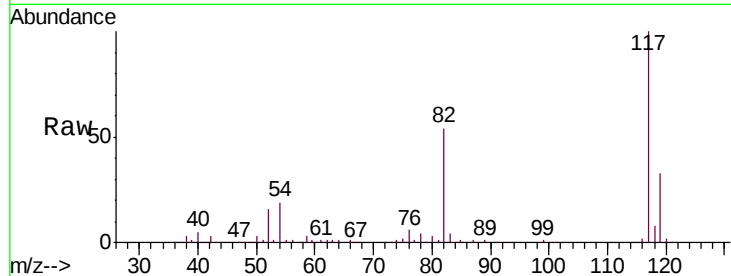




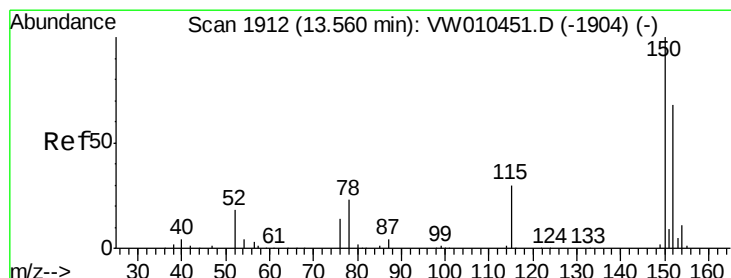
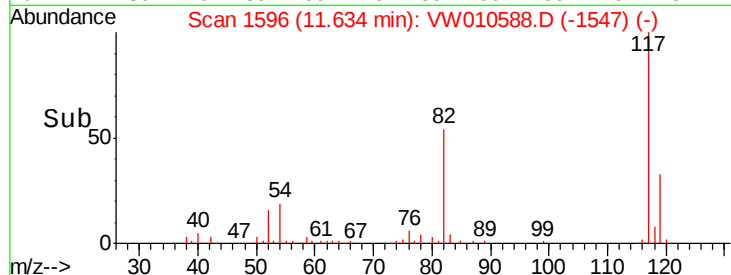
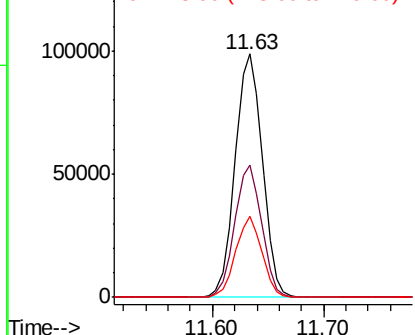
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010588.D
Acq: 29 May 2019 13:56

Instrument :
MSVOA_W
ClientSampled :
TP-5

Tgt Ion:117 Resp: 167307
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 33.3 26.3 39.5

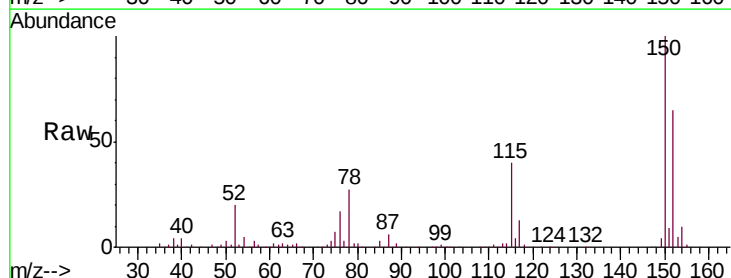


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

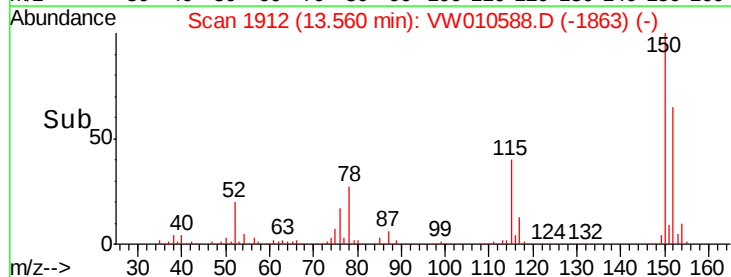
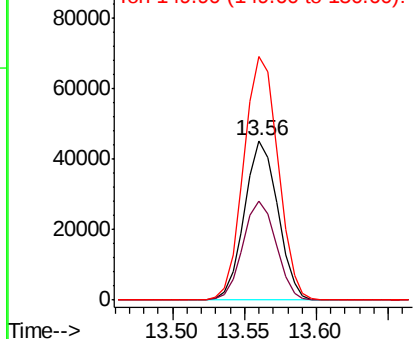


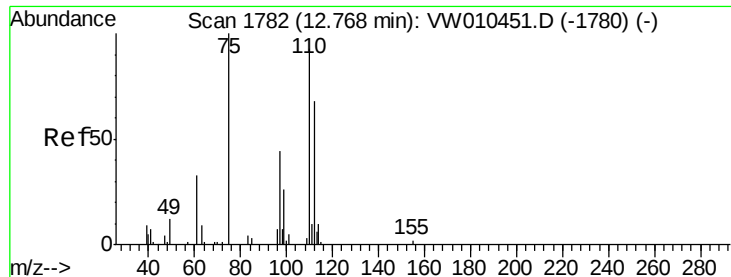
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010588.D
Acq: 29 May 2019 13:56

Tgt Ion:152 Resp: 72003
Ion Ratio Lower Upper
152 100
115 62.8 30.3 91.0
150 158.2 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: 54.309 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

Instrument :

MSVOA_W

ClientSampled :

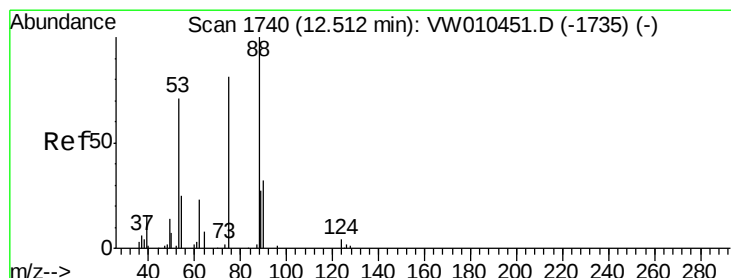
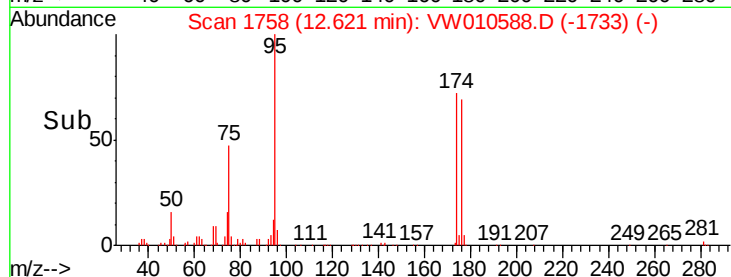
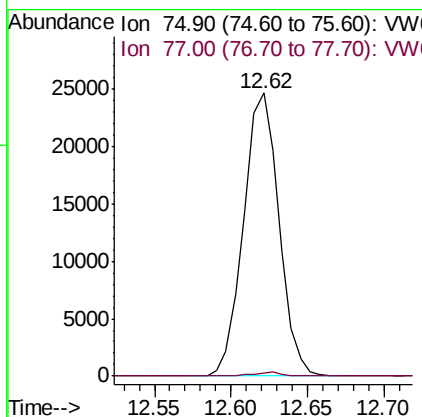
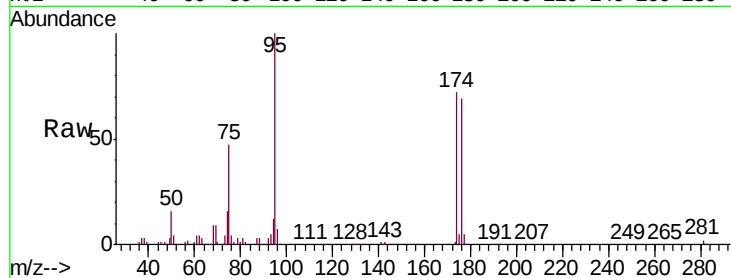
TP-5

Tgt Ion: 75 Resp: 39693

Ion Ratio Lower Upper

75 100

77 1.1 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.344 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

Tgt Ion: 75 Resp: 39693

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

