

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007505.D
 Acq On : 14 Dec 2018 00:41
 Operator : SY/AP
 Sample : J6376-01RE
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-1RE

Quant Time: Dec 14 04:30:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	35051	36.39	ug/l	0.00
Spiked Amount			Recovery	=	72.78%	
35) Dibromofluoromethane	7.88	113	33194	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	
50) Toluene-d8	10.32	98	108047	32.99	ug/l	0.00
Spiked Amount			Recovery	=	65.98%	
62) 4-Bromofluorobenzene	12.62	95	29968	24.89	ug/l	0.00
Spiked Amount			Recovery	=	49.78%	

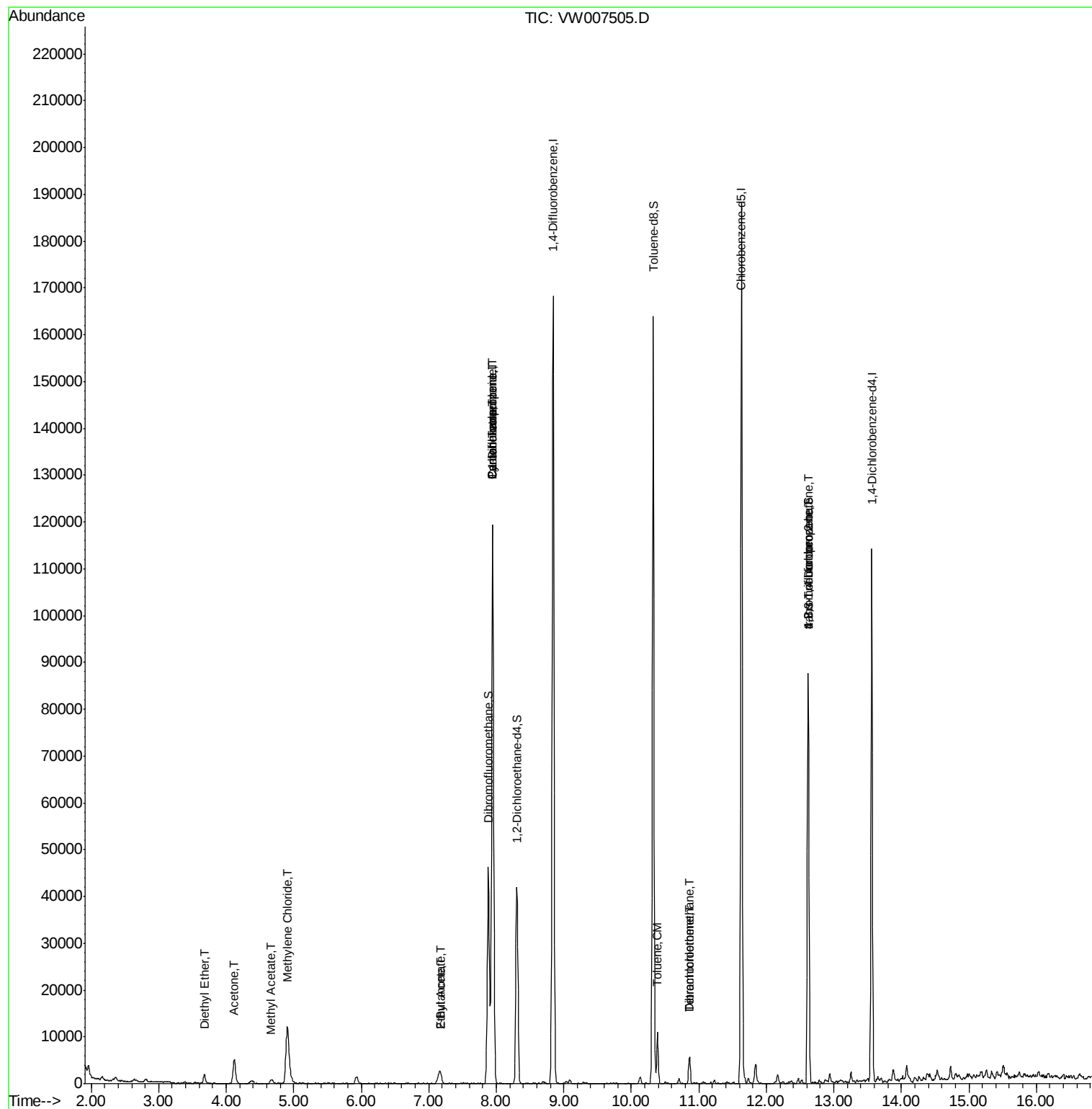
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1028	2.450	ug/l	90
16) Acetone	4.12	43	8945	53.163	ug/l	100
18) Methyl Acetate	4.67	43	1823	3.992	ug/l	100
20) Methylene Chloride	4.90	84	10982	8.699	ug/l	98
25) 2-Butanone	7.18	43	2054	9.351	ug/l #	83
31) Cyclohexane	7.95	56	1814	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6681	5.076	ug/l #	49
37) Ethyl Acetate	7.18	43	2054	4.196	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9188	6.415	ug/l #	17
52) Toluene	10.39	92	4670	1.976	ug/l	92
60) Dibromochloromethane	10.86	129	1410	1.710	ug/l #	11
64) Tetrachloroethene	10.87	164	1291	1.683	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	14879	61.360	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	14879	135.545	ug/l #	7

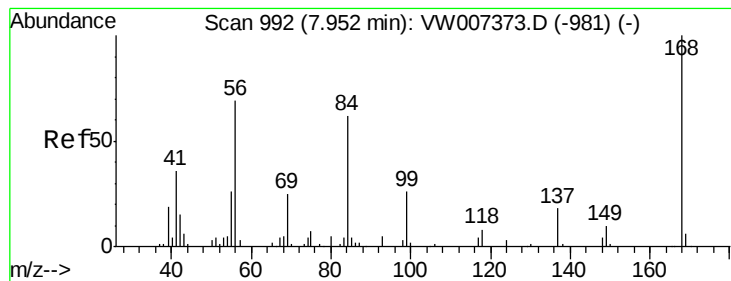
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007505.D

Acq: 14 Dec 2018 00:41

Instrument :

MSVOA_W

ClientSampleId :

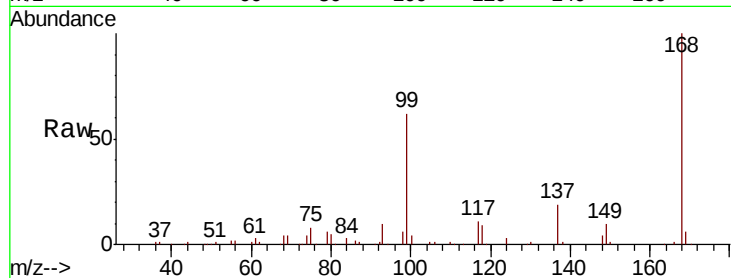
TEST-PIT-1RE

Tot Ion:168 Resp: 86827

Ion Ratio Lower Upper

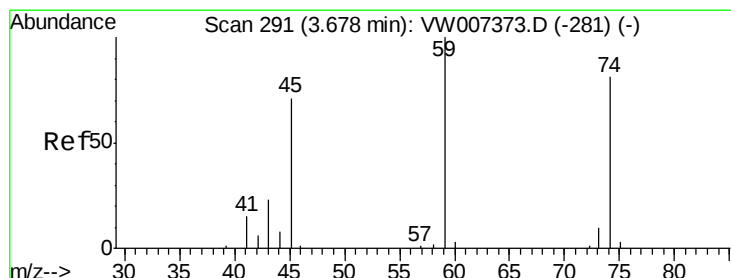
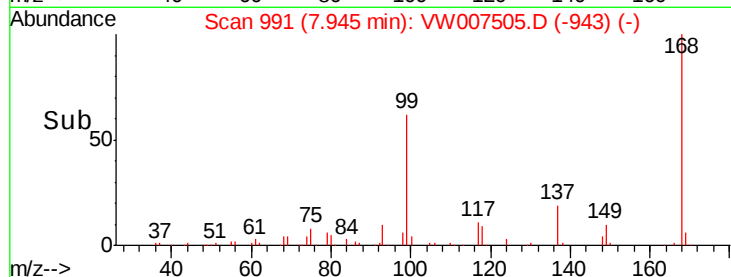
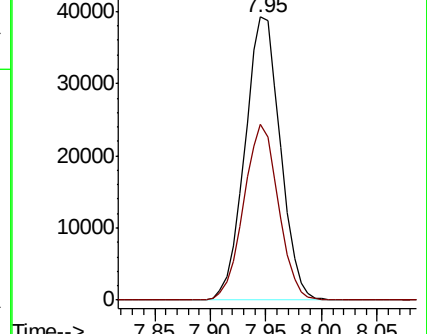
168 100

99 62.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.450 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007505.D

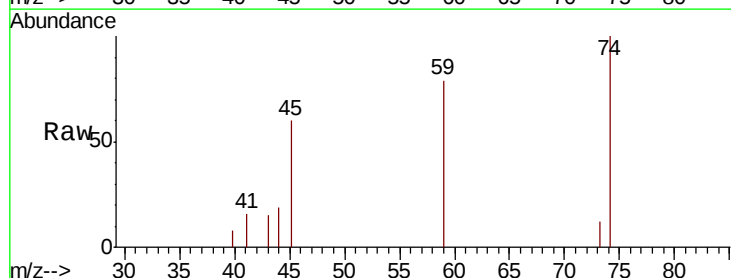
Acq: 14 Dec 2018 00:41

Tgt Ion: 74 Resp: 1028

Ion Ratio Lower Upper

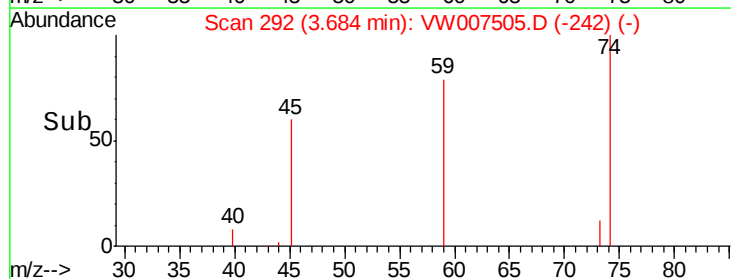
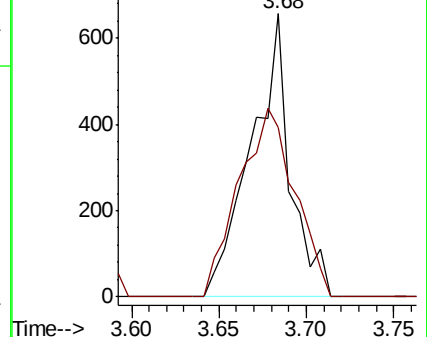
74 100

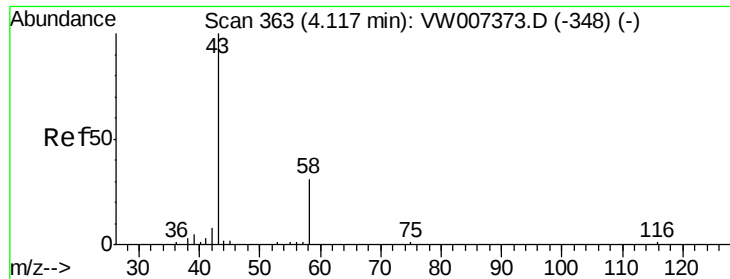
45 94.9 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 53.163 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007505.D

Acq: 14 Dec 2018 00:41

Instrument :

MSVOA_W

ClientSampleId :

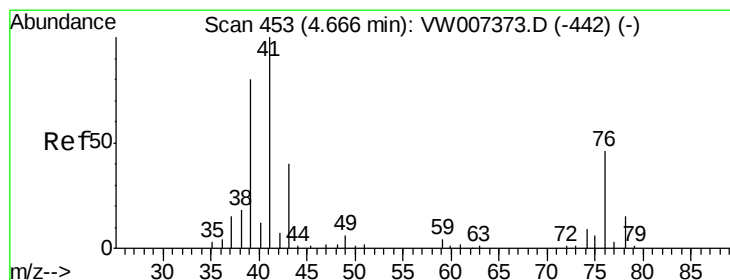
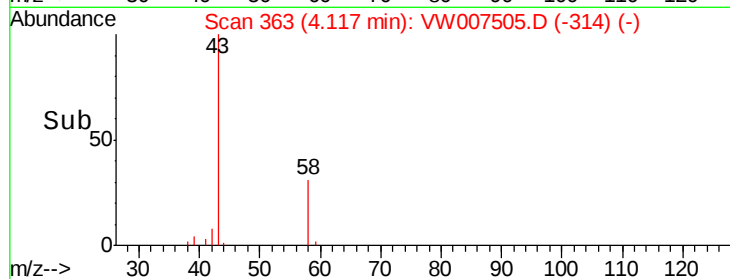
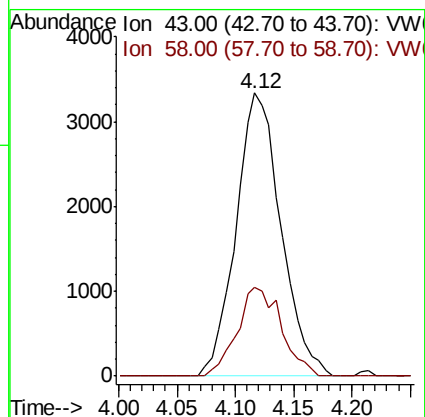
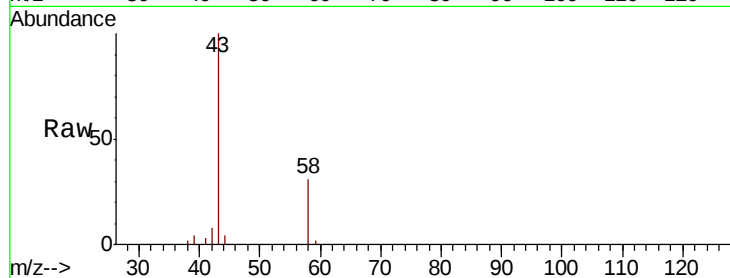
TEST-PIT-1RE

Tot Ion: 43 Resp: 8945

Ion Ratio Lower Upper

43 100

58 31.3 24.9 37.3



#18

Methyl Acetate

Concen: 3.992 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007505.D

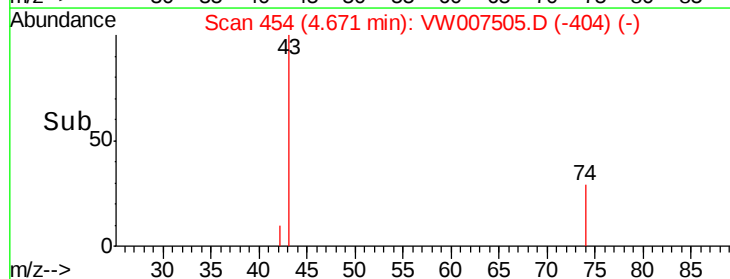
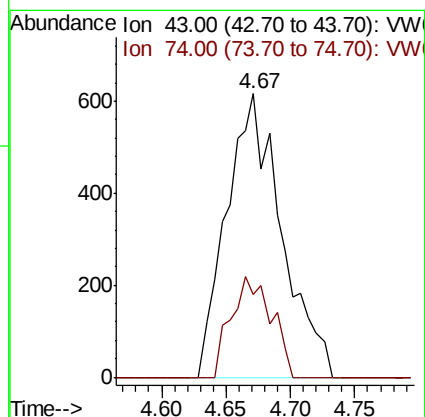
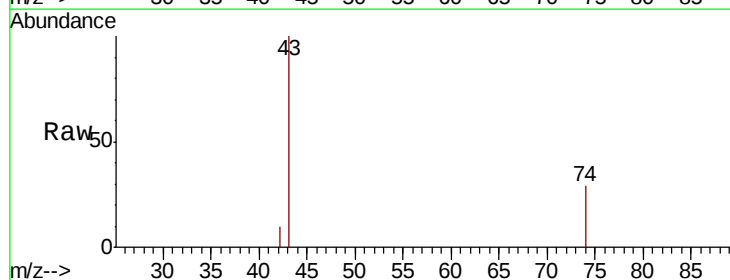
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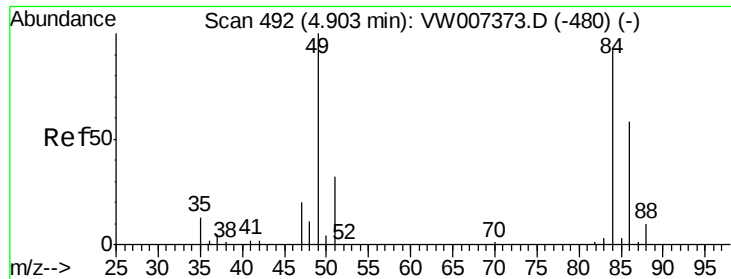
Tgt Ion: 43 Resp: 1823

Ion Ratio Lower Upper

43 100

74 26.2 21.1 31.7

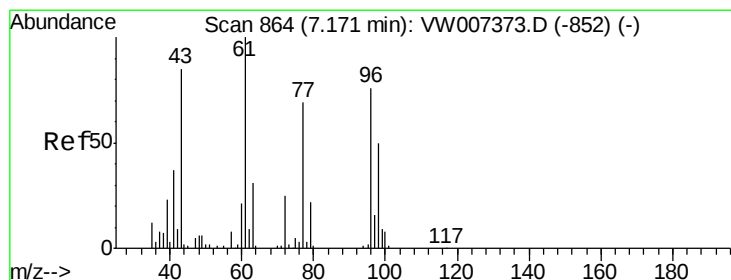
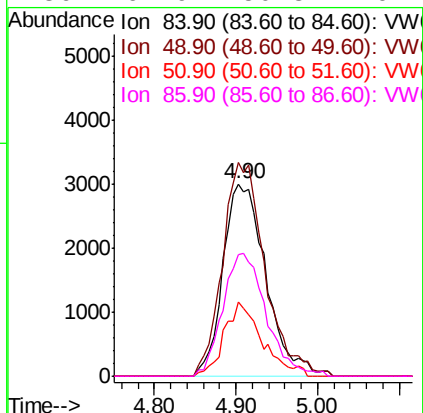
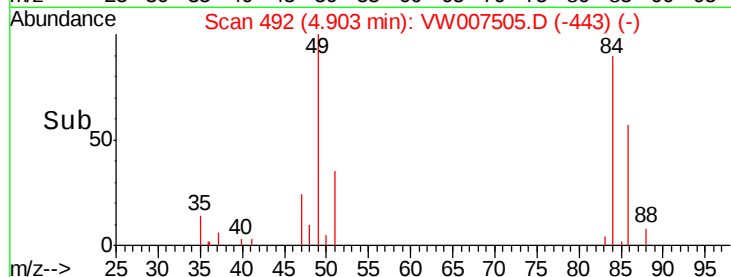
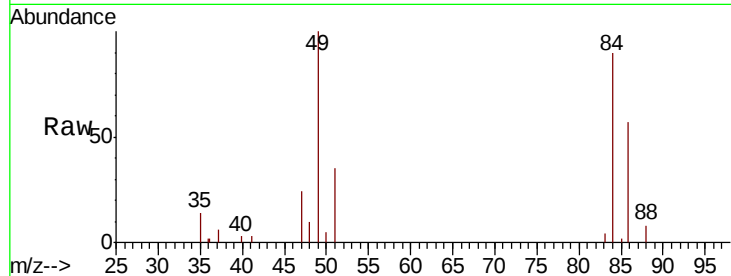




#20
Methvlene Chloride
Concen: 8.699 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

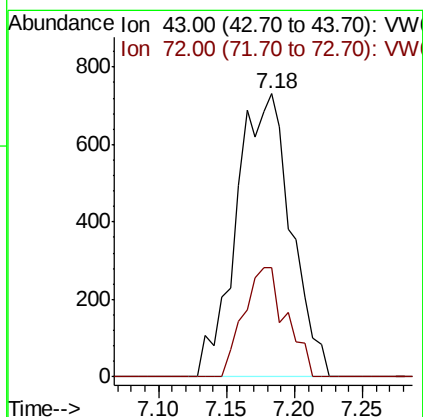
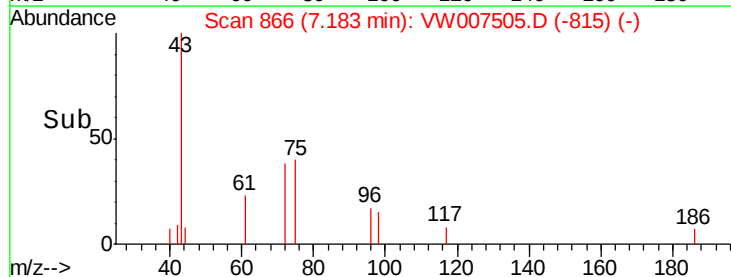
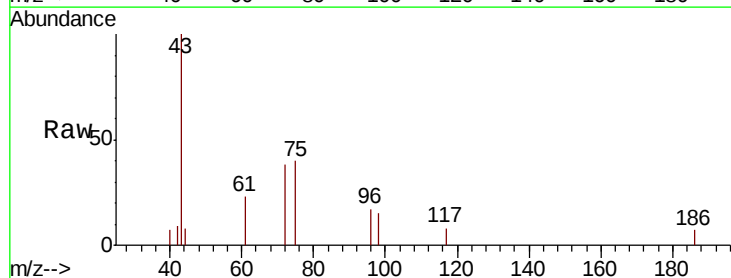
Instrument :
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TEST-PIT-1RE

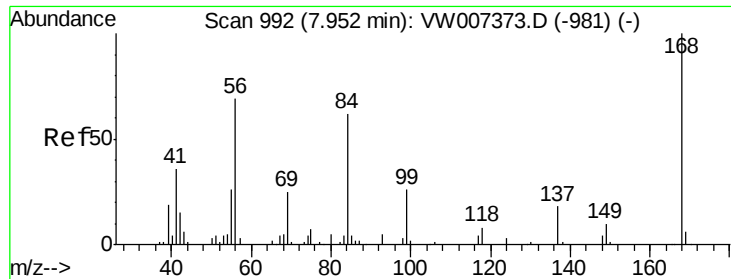
Tot Ion:	84	Resp:	10982
Ion	Ratio	Lower	Upper
84	100		
49	111.1	87.1	130.7
51	38.7	28.2	42.2
86	62.9	50.8	76.2



#25
2-Butanone
Concen: 9.351 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

Tgt Ion:	43	Resp:	2054
Ion	Ratio	Lower	Upper
43	100		
72	38.4	23.4	35.2#

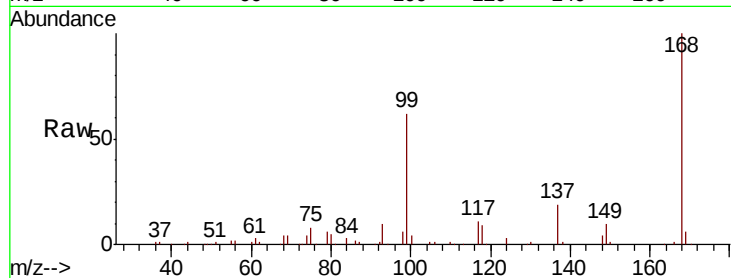




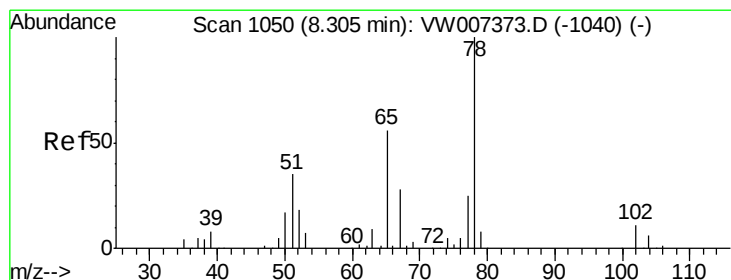
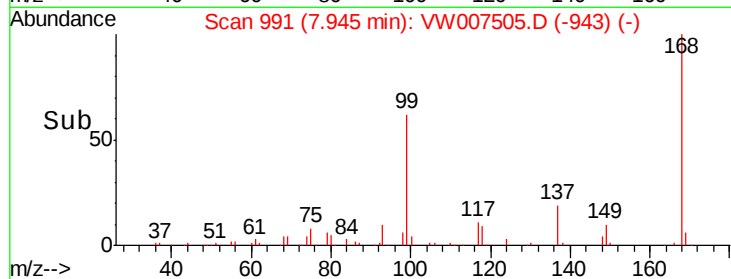
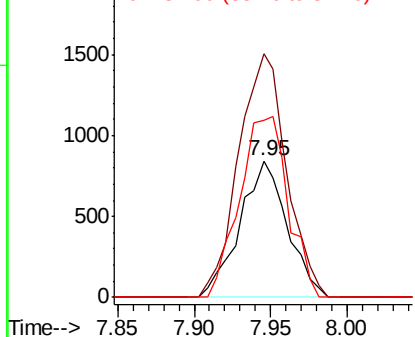
#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-1RE

Tot Ion: 56 Resp: 1814
Ion Ratio Lower Upper
56 100
69 178.5 28.9 43.3#
84 130.1 71.8 107.6#

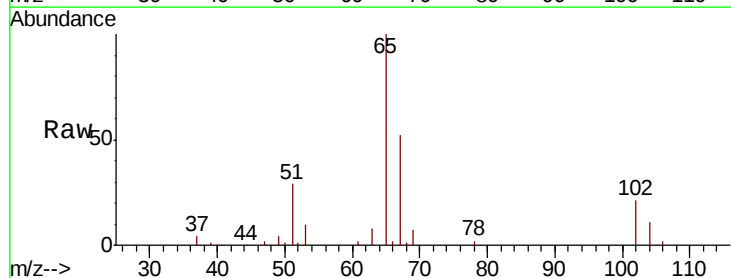


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

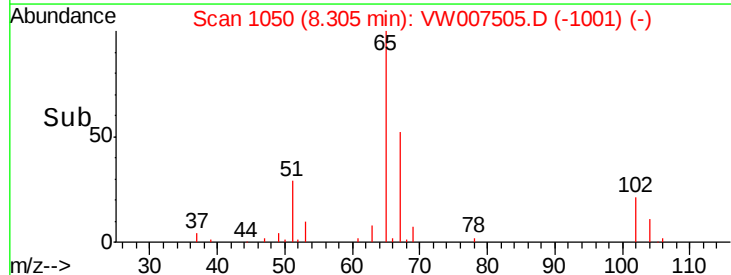
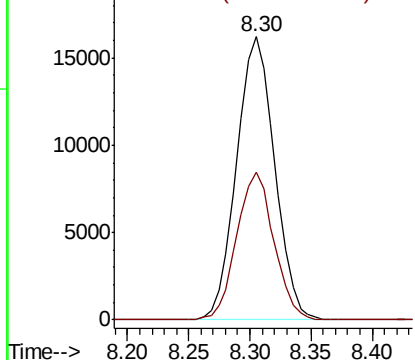


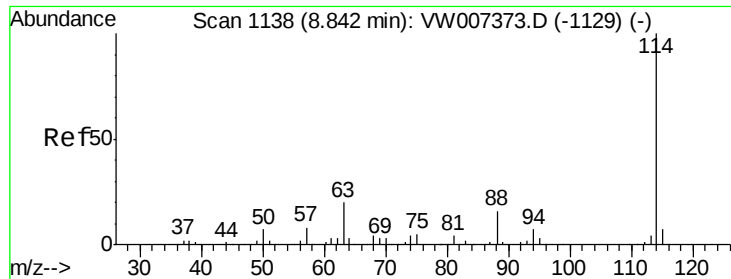
#33
1,2-Dichloroethane-d4
Concen: 36.387 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

Tgt Ion: 65 Resp: 35051
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

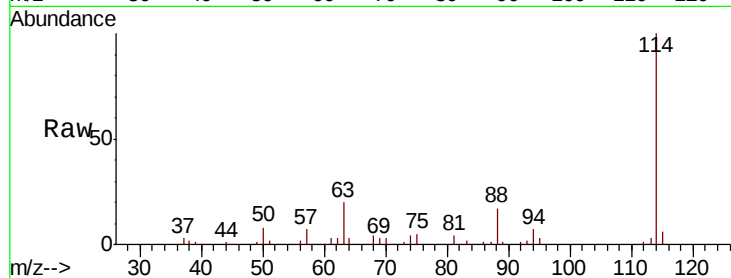




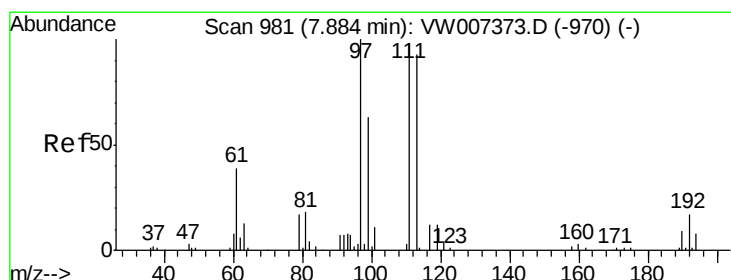
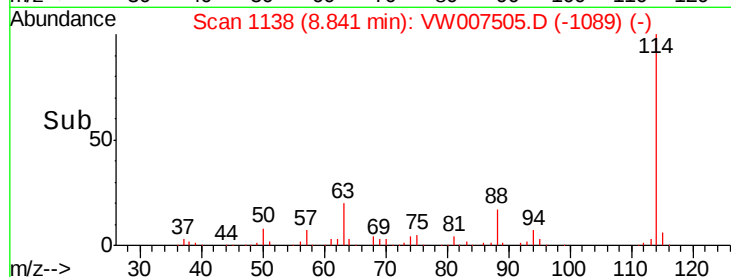
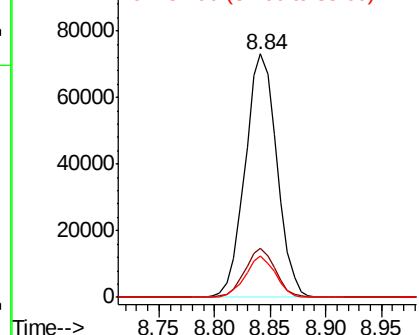
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007505.D
 Acq: 14 Dec 2018 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-1RE

Tot Ion:114 Resp: 144288
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 17.1 0.0 31.4

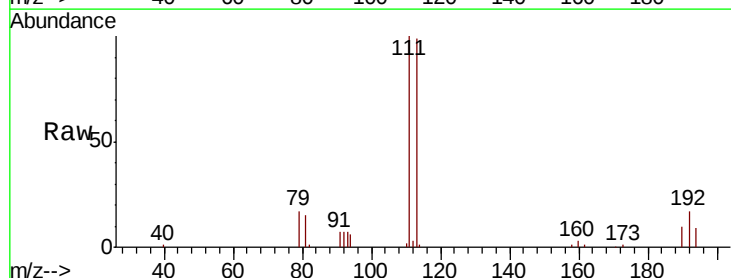


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

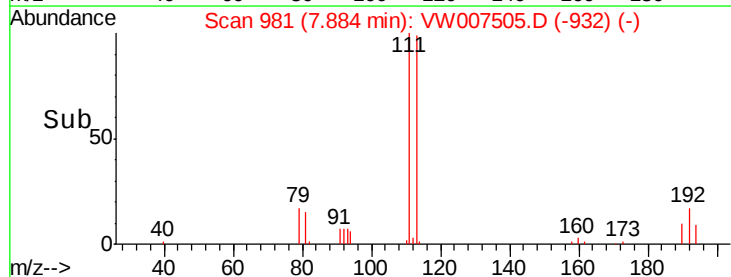
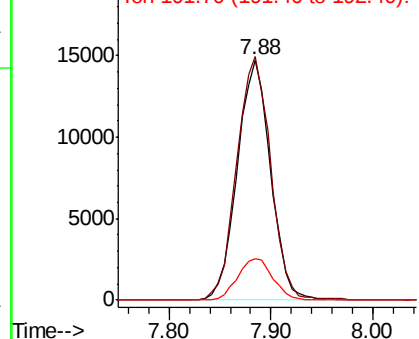


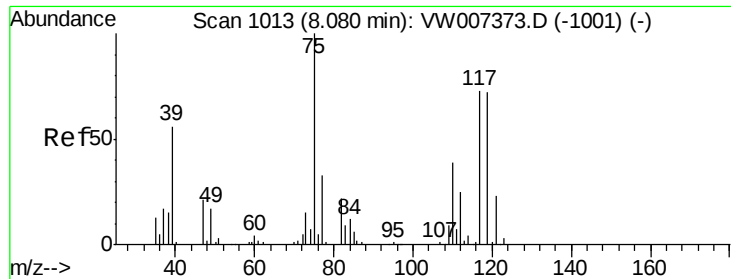
#35
 Dibromofluoromethane
 Concen: 38.004 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007505.D
 Acq: 14 Dec 2018 00:41

Tgt Ion:113 Resp: 33194
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.1 121.7
 192 18.1 14.6 21.8



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

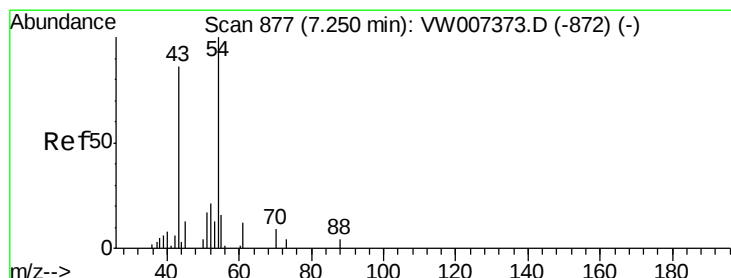
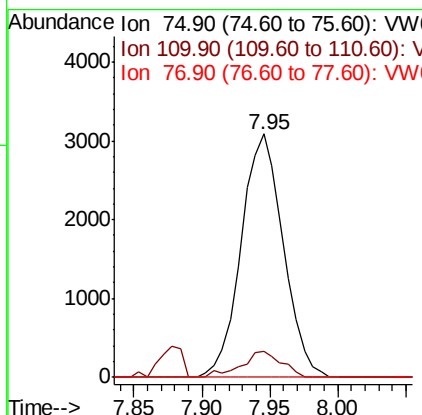
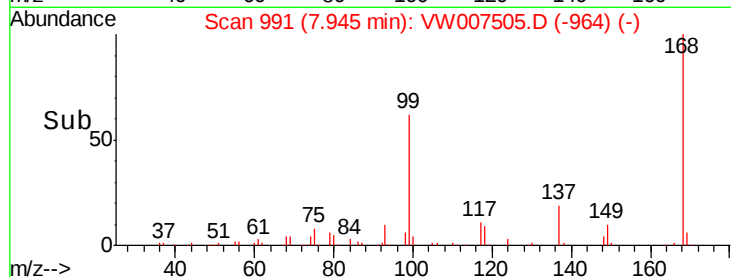
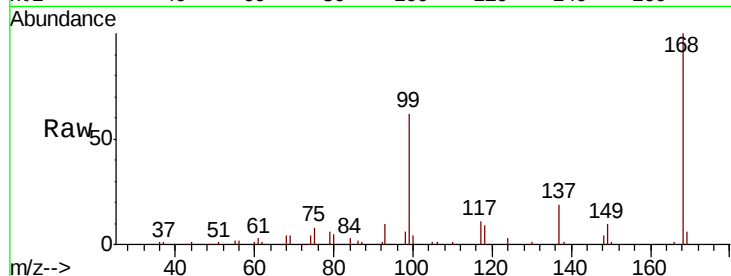




#36
 1,1-Dichloropropene
 Concen: 5.076 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007505.D
 Acq: 14 Dec 2018 00:41

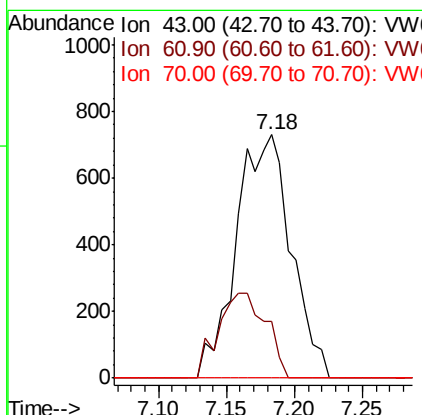
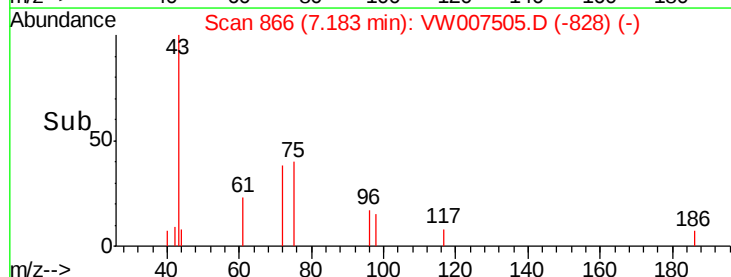
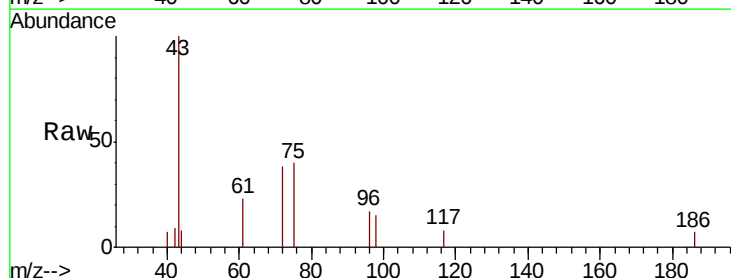
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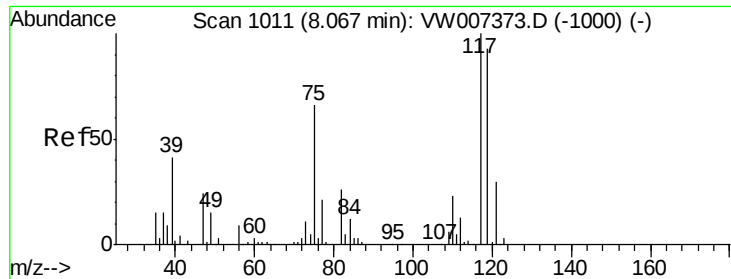
Tot Ion: 75 Resp: 6681
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.5 55.5#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 4.196 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.07 min
 Lab File: VW007505.D
 Acq: 14 Dec 2018 00:41

Tgt Ion: 43 Resp: 2054
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 10.0 15.0#

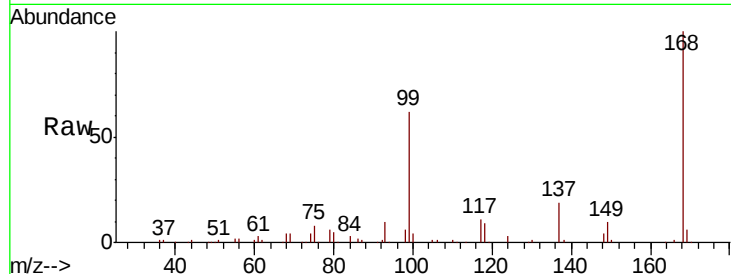




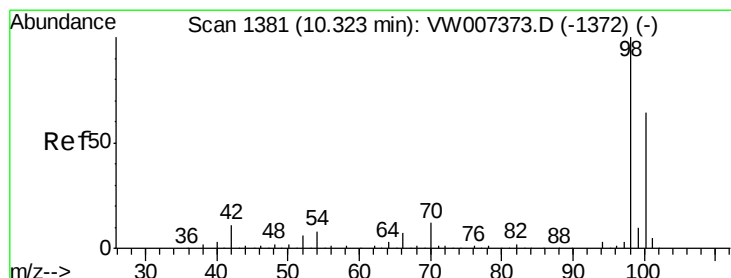
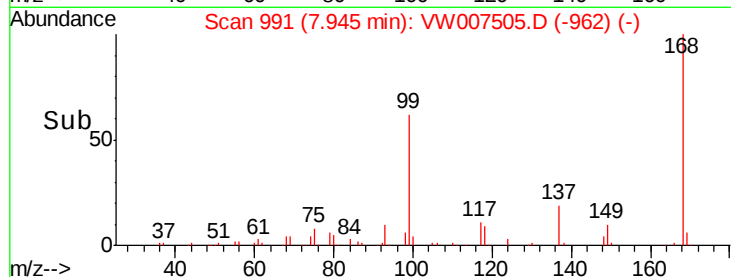
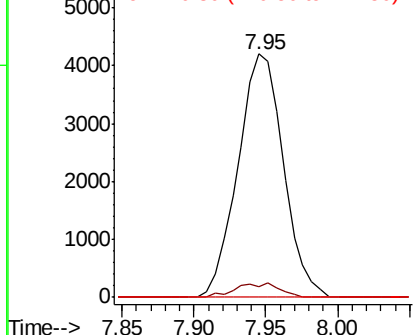
#38
Carbon Tetrachloride
Concen: 6.415 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-1RE

Tot Ion:117 Resp: 9188
Ion Ratio Lower Upper
117 100
119 4.6 74.3 111.5#
121 0.0 24.3 36.5#

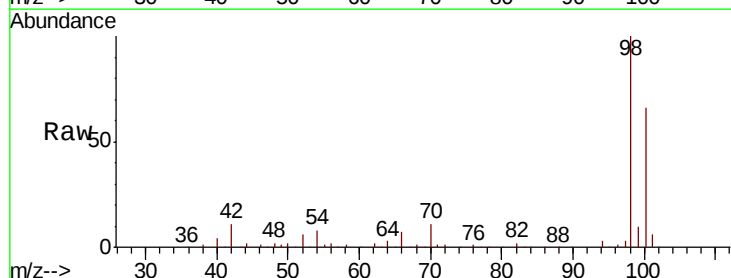


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

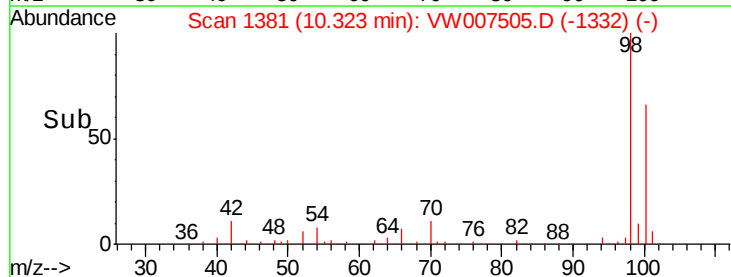
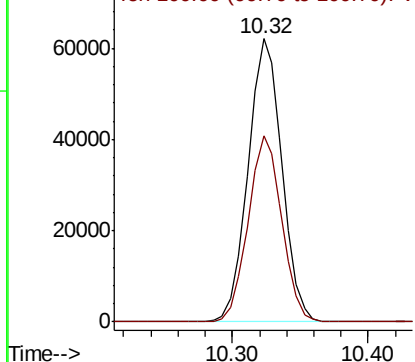


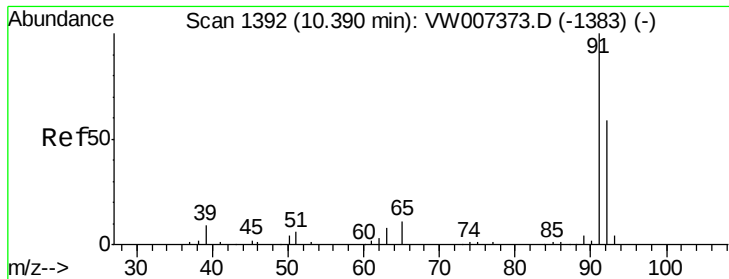
#50
Toluene-d8
Concen: 32.993 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

Tgt Ion: 98 Resp: 108047
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.976 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007505.D

Acq: 14 Dec 2018 00:41

Instrument :

MSVOA_W

ClientSampleId :

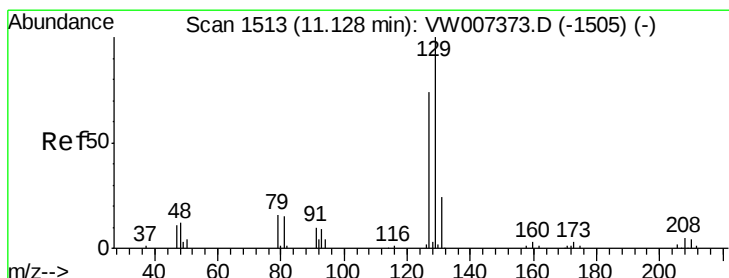
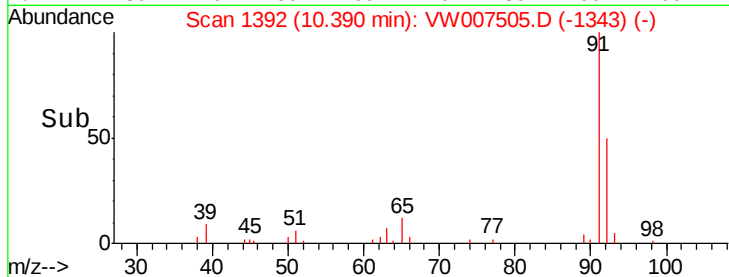
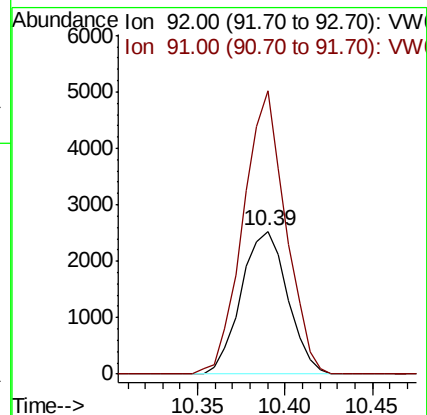
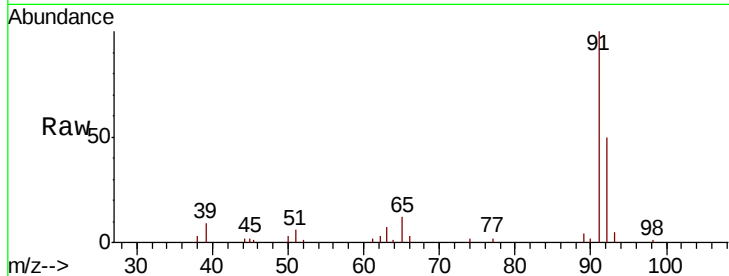
TEST-PIT-1RE

Tot Ion: 92 Resp: 4670

Ion Ratio Lower Upper

92 100

91 181.4 136.2 204.2



#60

Dibromochloromethane

Concen: 1.710 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007505.D

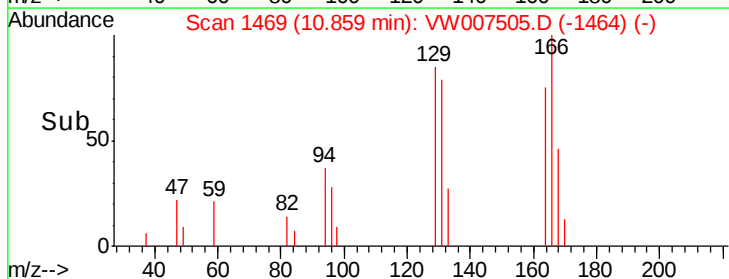
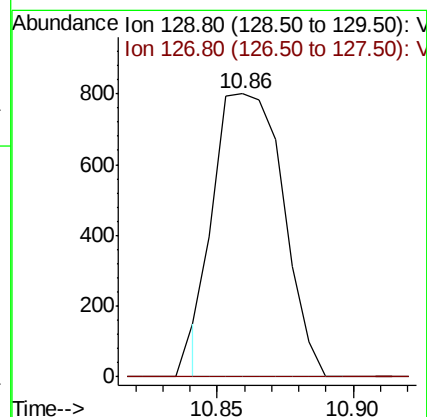
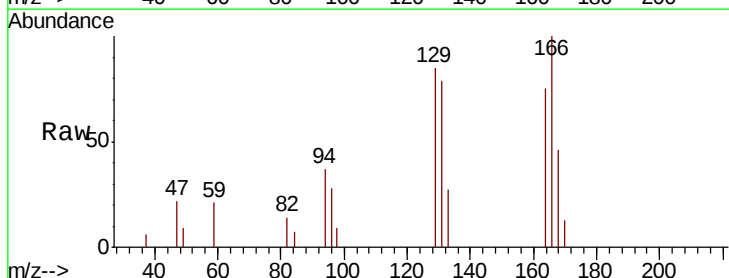
Acq: 14 Dec 2018 00:41

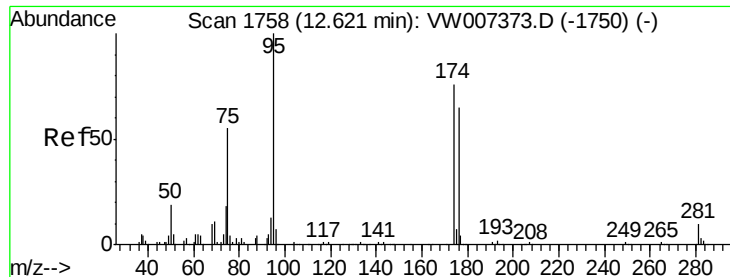
Tgt Ion: 129 Resp: 1410

Ion Ratio Lower Upper

129 100

127 0.0 38.1 114.3#

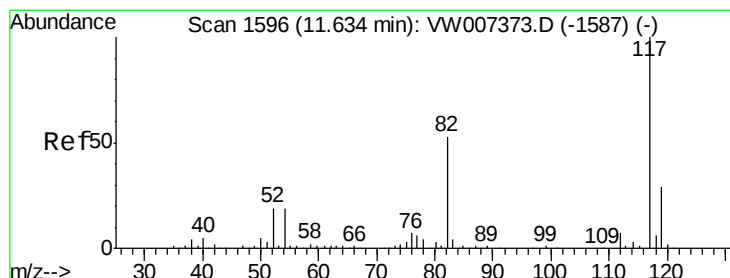
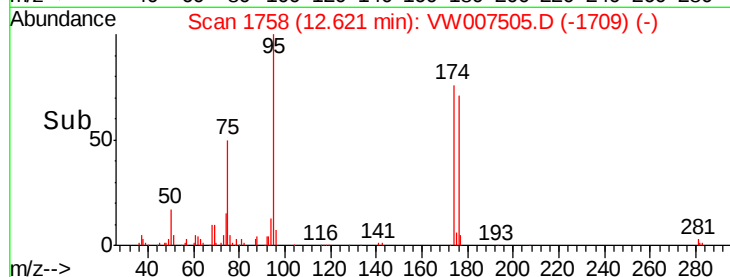
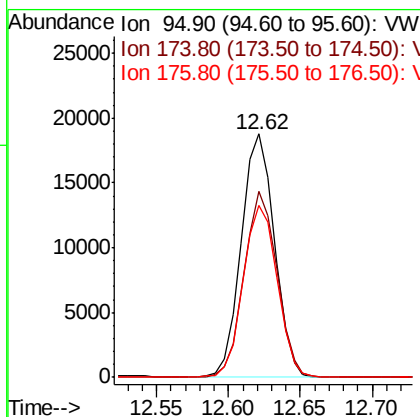
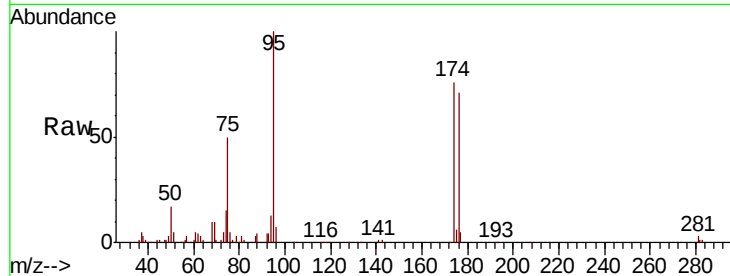




#62
4-Bromofluorobenzene
Concen: 24.888 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

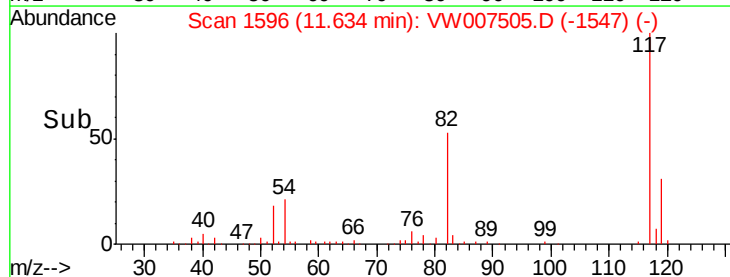
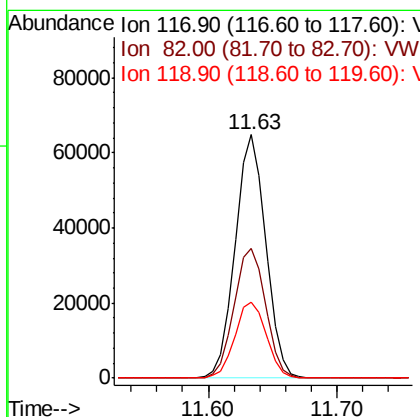
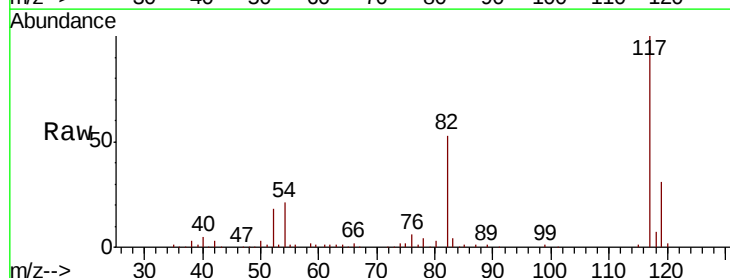
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-1RE

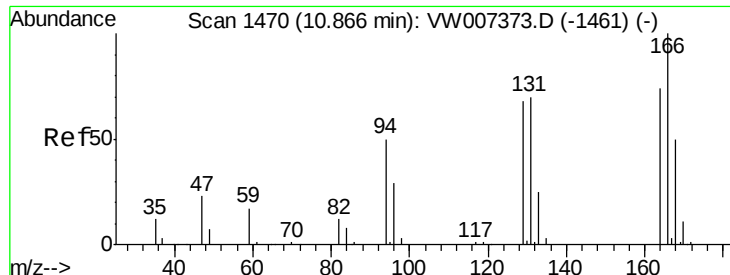
Tot Ion: 95 Resp: 29968
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.2
176 72.3 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007505.D
Acq: 14 Dec 2018 00:41

Tgt Ion: 117 Resp: 106675
Ion Ratio Lower Upper
117 100
82 53.3 42.3 63.5
119 31.2 23.0 34.6





#64

Tetrachloroethene

Concen: 1.683 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007505.D

Acq: 14 Dec 2018 00:41

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-1RE

Tot Ion:164 Resp: 1291

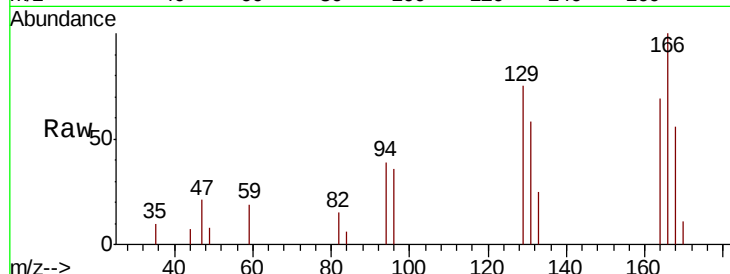
Ion Ratio Lower Upper

164 100

166 144.4 107.9 161.9

129 107.7 73.4 110.2

131 83.1 75.8 113.6

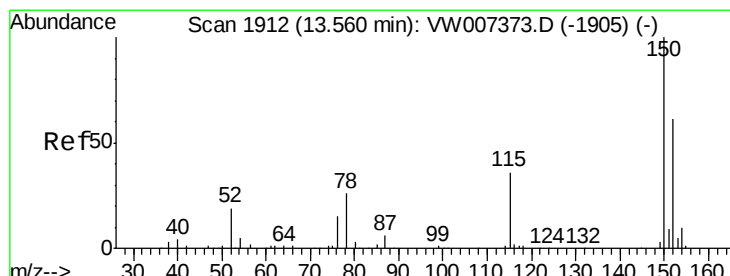
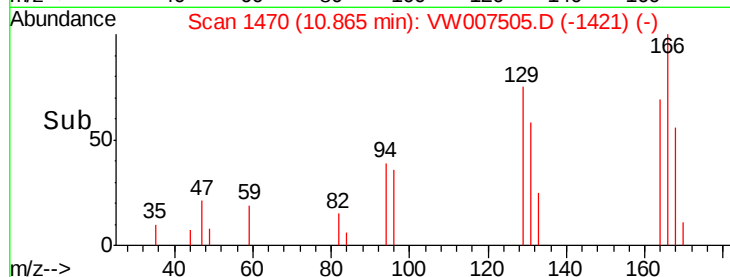
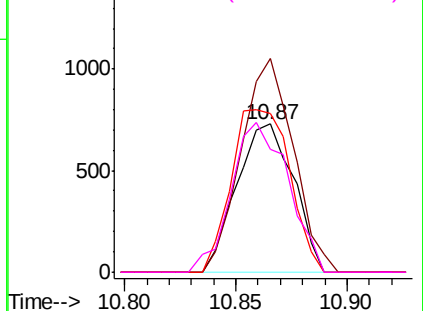


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VW007505.D

Acq: 14 Dec 2018 00:41

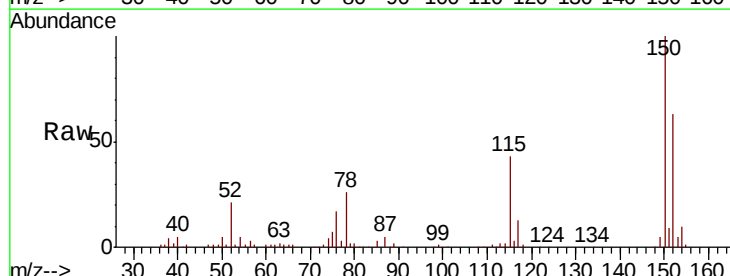
Tgt Ion:152 Resp: 29409

Ion Ratio Lower Upper

152 100

115 64.6 31.4 94.2

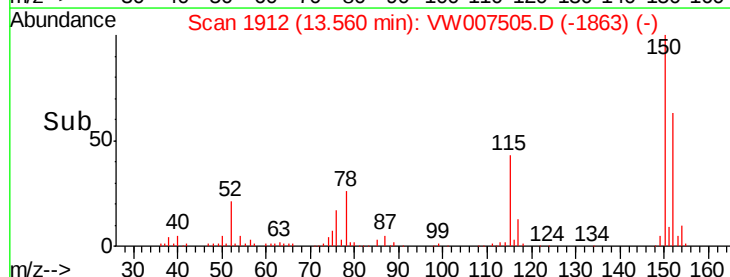
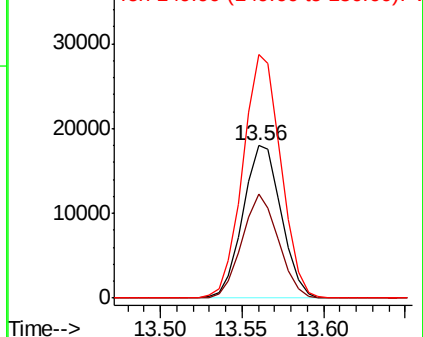
150 158.1 0.0 358.4

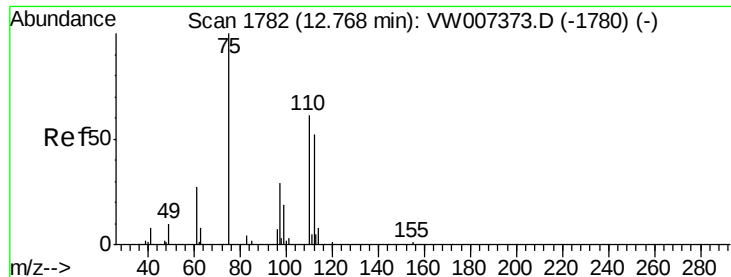


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.360 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007505.D

Acq: 14 Dec 2018 00:41

Instrument :

MSVOA_W

ClientSampleId :

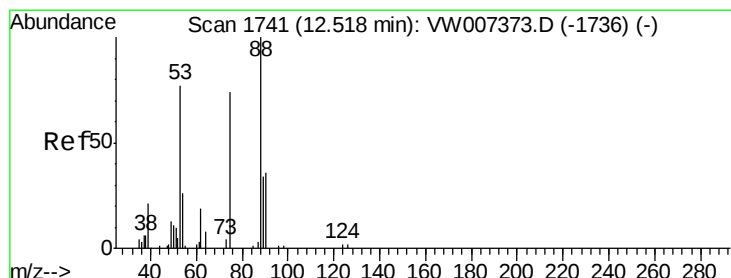
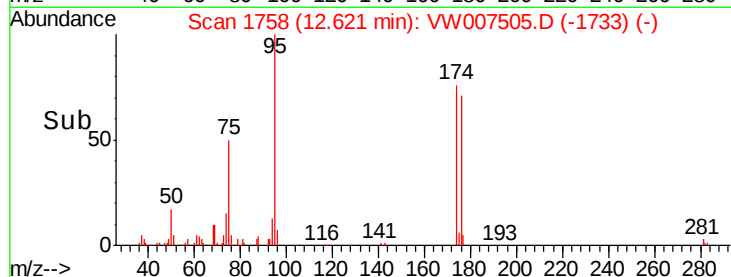
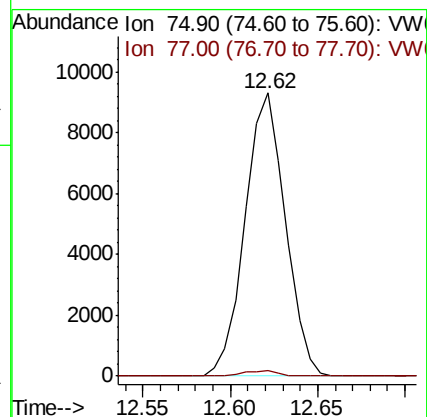
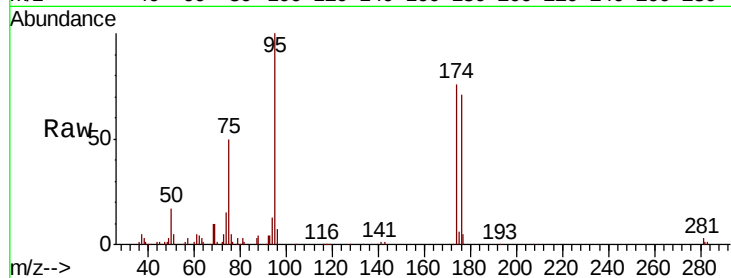
TEST-PIT-1RE

Tot Ion: 75 Resp: 14879

Ion Ratio Lower Upper

75 100

77 1.5 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.545 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007505.D

Acq: 14 Dec 2018 00:41

Tgt Ion: 75 Resp: 14879

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

