

Data File : VW010603.D
Acq On : 29 May 2019 20:48
Operator : SY/VA
Sample : K3084-07
Misc : 5.91G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-9

Quant Time: May 30 08:37:41 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	119370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	219932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	69231	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	
35) Dibromofluoromethane	7.88	113	66271	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.32	98	269149	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.62	95	100517	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

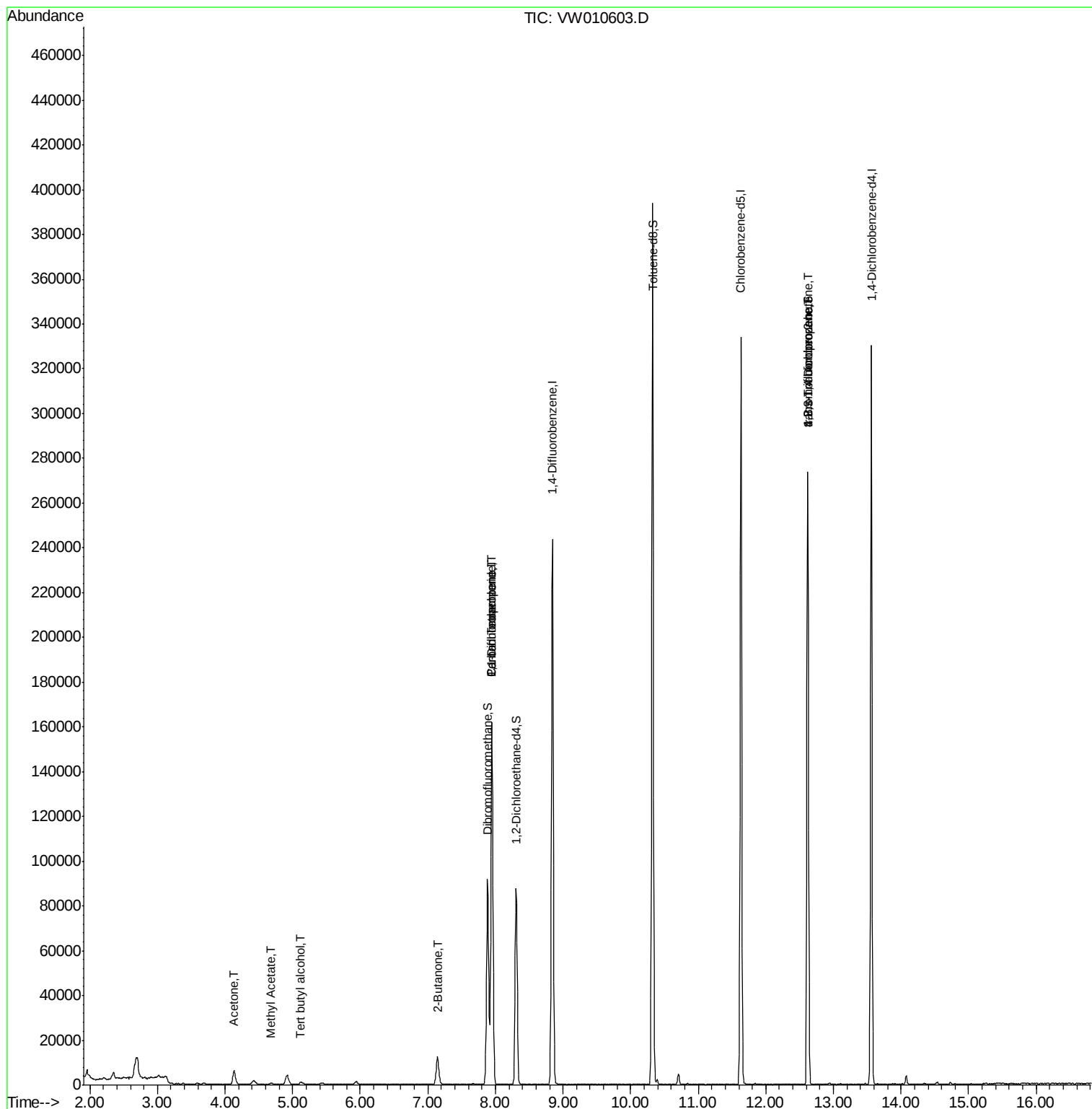
						Qvalue
11) Tert butyl alcohol	5.12	59	603	5.441	ug/l #	71
16) Acetone	4.14	43	11550	45.925	ug/l	96
18) Methyl Acetate	4.68	43	1348	2.192	ug/l #	85
20) Methylene Chloride	4.92	84	3362	Below Cal		93
25) 2-Butanone	7.15	43	550	1.528	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	9157	4.469	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12811	5.797	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	46819	53.441	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	46819	111.532	ug/l #	14

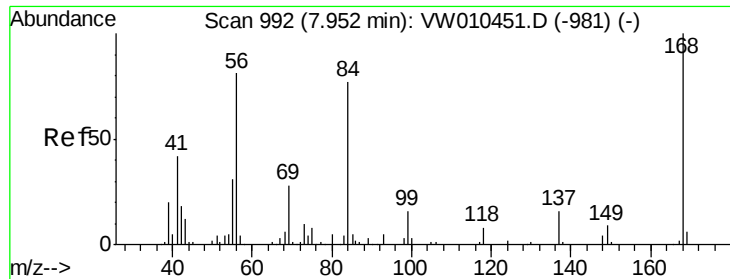
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010603.D

Acq: 29 May 2019 20:48

Instrument :

MSVOA_W

ClientSampleId :

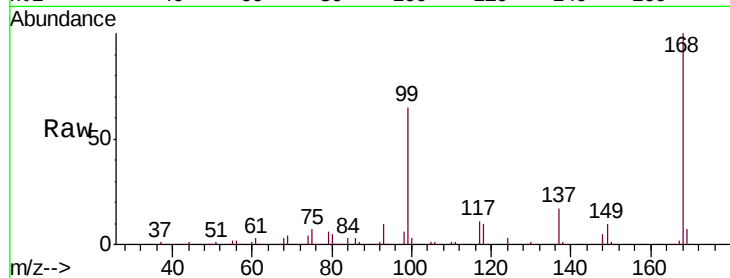
TEST-PIT-9

Tgt Ion:168 Resp: 119370

Ion Ratio Lower Upper

168 100

99 65.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

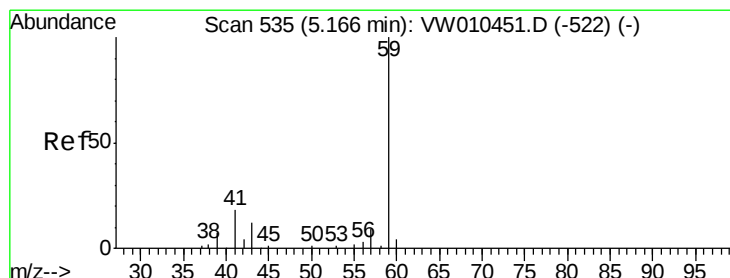
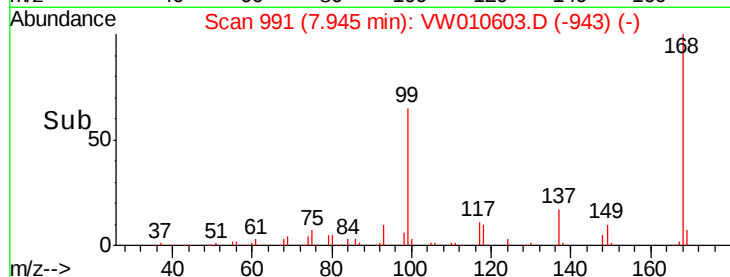
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.441 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW010603.D

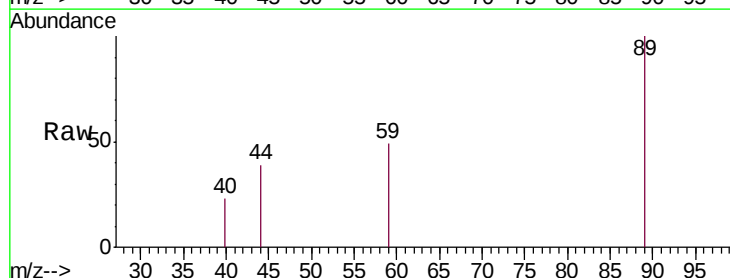
Acq: 29 May 2019 20:48

Tgt Ion: 59 Resp: 603

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

300

250

200

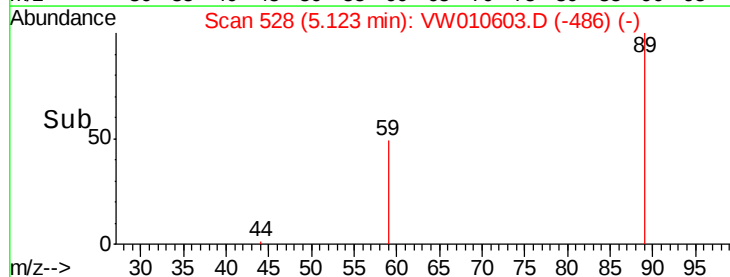
150

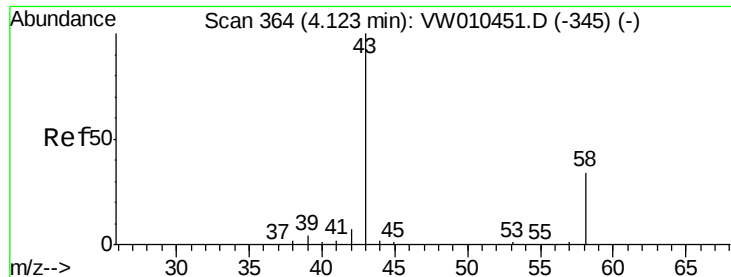
100

50

0

Time-->

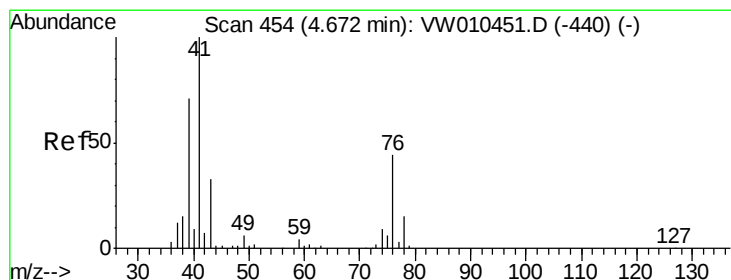
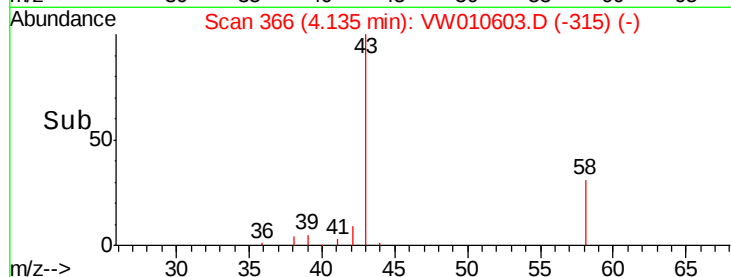
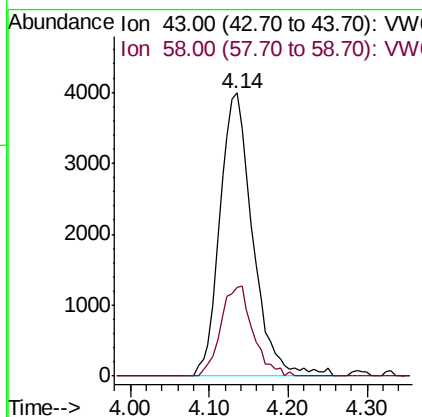
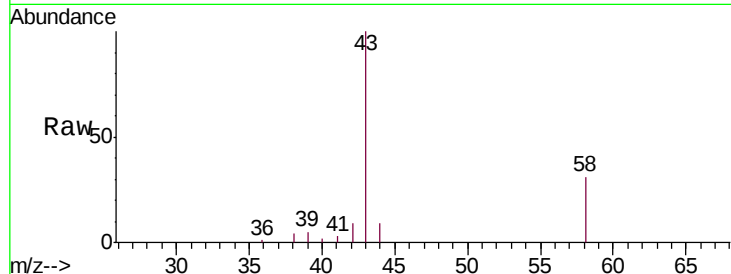




#16
Acetone
Concen: 45.925 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW010603.D
Acq: 29 May 2019 20:48

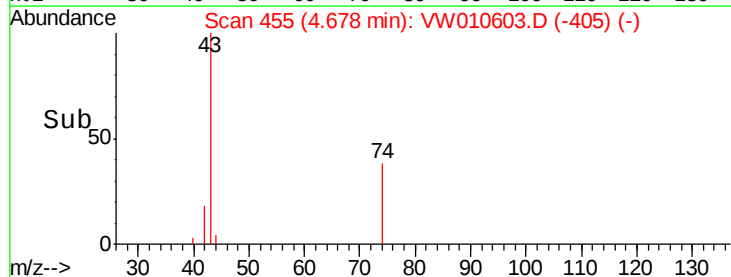
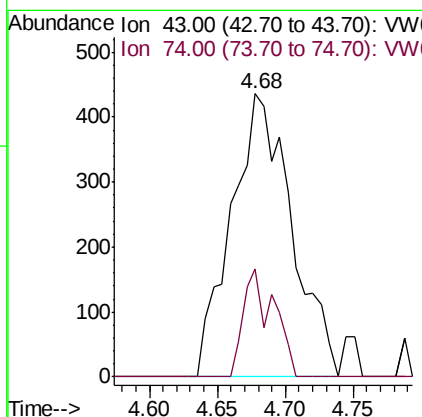
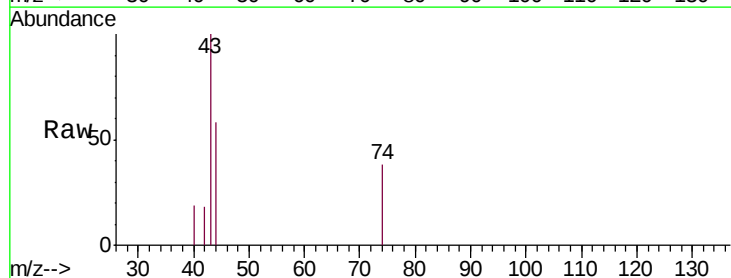
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-9

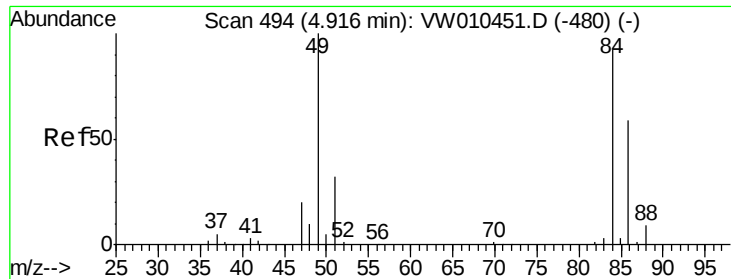
Tgt Ion: 43 Resp: 11550
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.4



#18
Methyl Acetate
Concen: 2.192 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010603.D
Acq: 29 May 2019 20:48

Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
74 19.3 21.6 32.4#

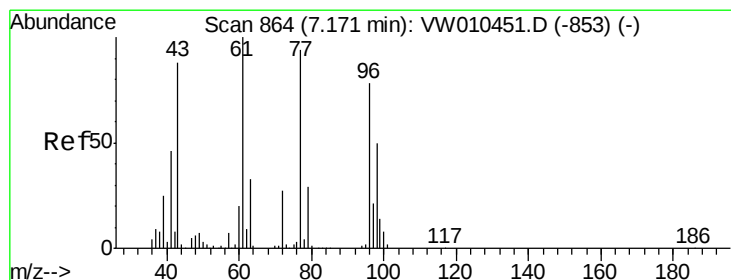
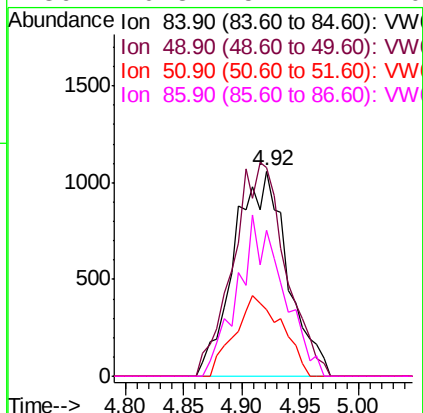
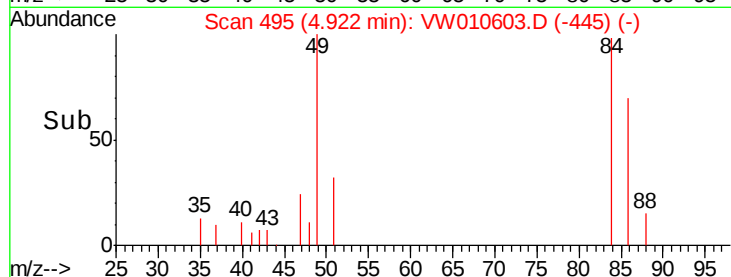
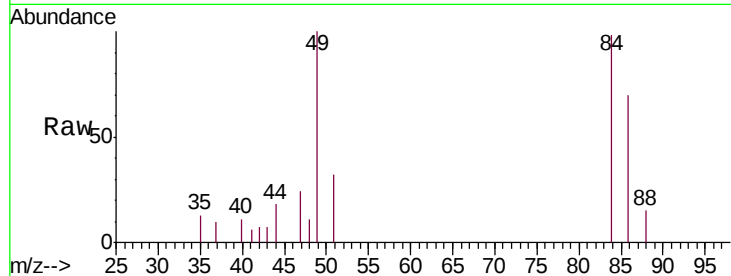




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010603.D
Acq: 29 May 2019 20:48

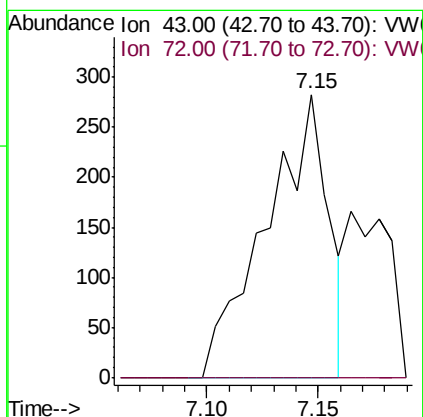
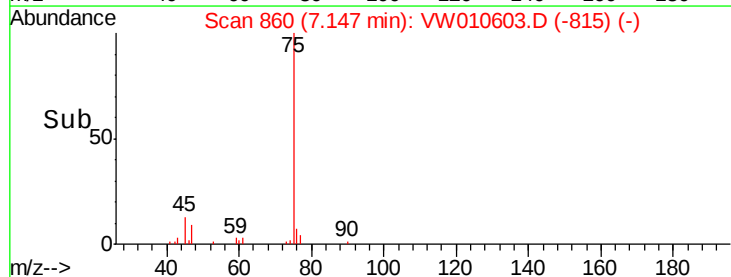
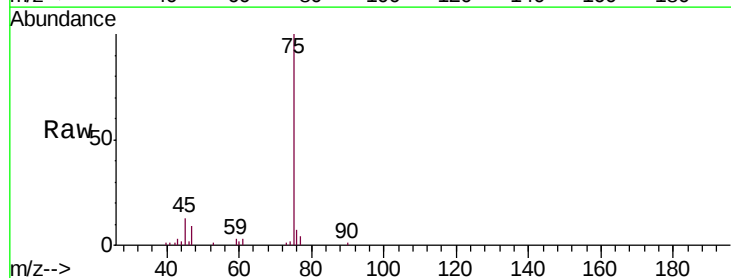
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-9

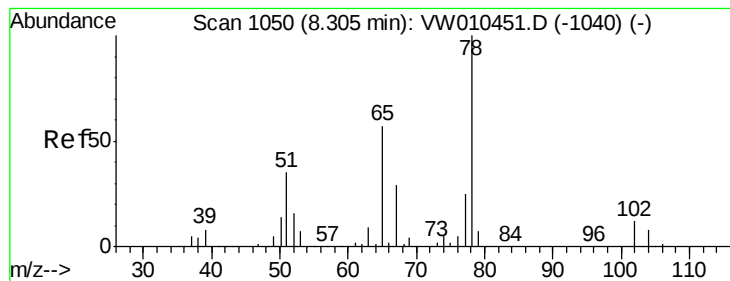
Tgt Ion: 84 Resp: 3362
Ion Ratio Lower Upper
84 100
49 101.7 87.2 130.8
51 32.1 27.7 41.5
86 70.8 51.4 77.0



#25
2-Butanone
Concen: 1.528 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW010603.D
Acq: 29 May 2019 20:48

Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
72 0.0 24.1 36.1#





#33

1,2-Dichloroethane-d4

Concen: 56.189 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010603.D

Acq: 29 May 2019 20:48

Instrument :

MSVOA_W

ClientSampleId :

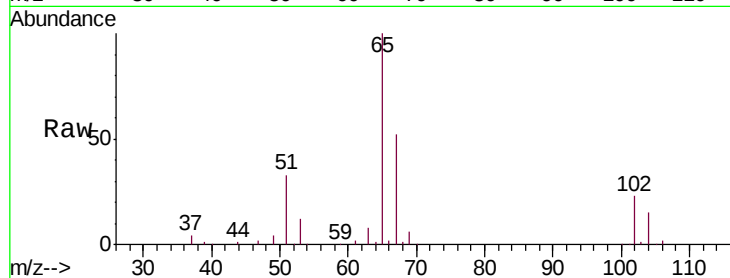
TEST-PIT-9

Tgt Ion: 65 Resp: 69231

Ion Ratio Lower Upper

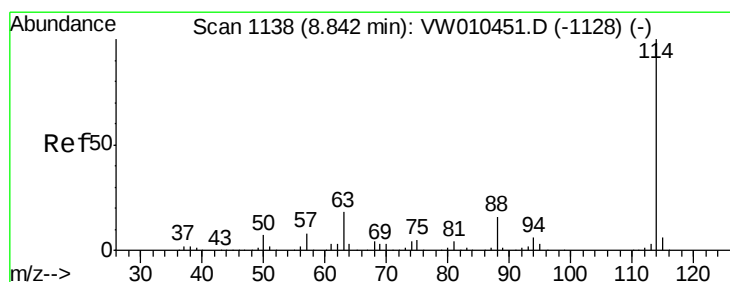
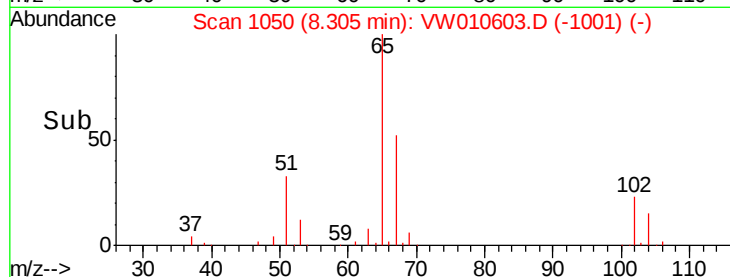
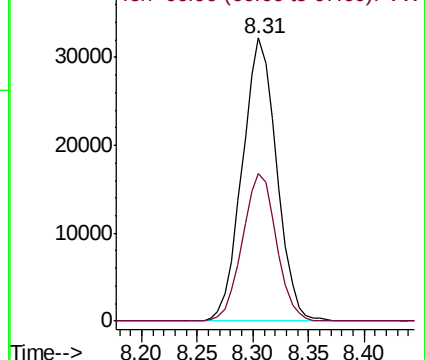
65 100

67 51.5 0.0 103.6



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: VW010603.D

Acq: 29 May 2019 20:48

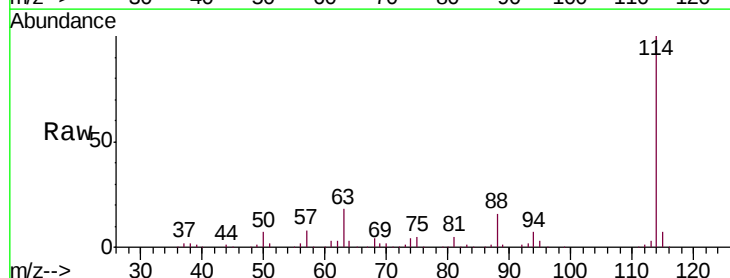
Tgt Ion: 114 Resp: 219932

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.0

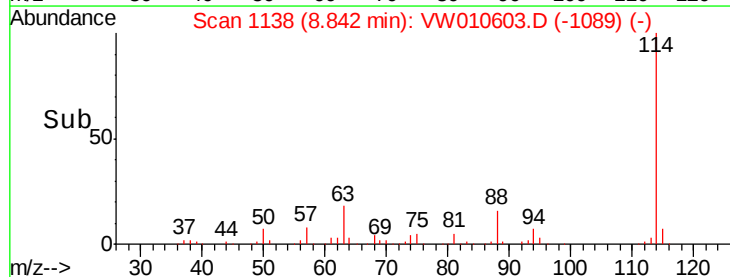
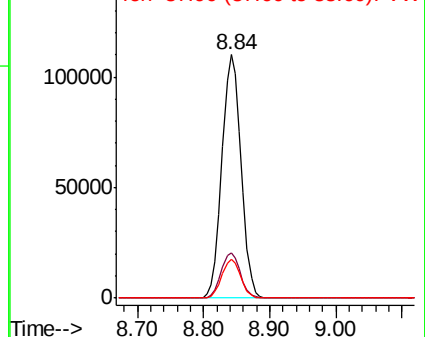
88 15.9 0.0 32.0

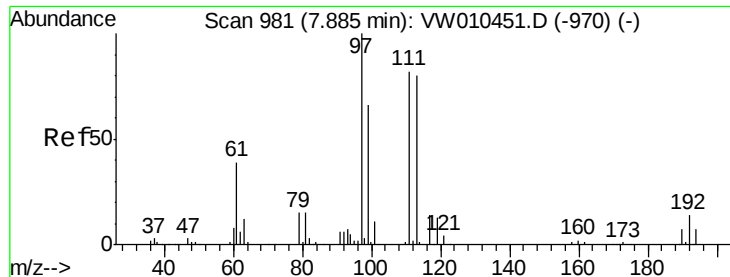


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

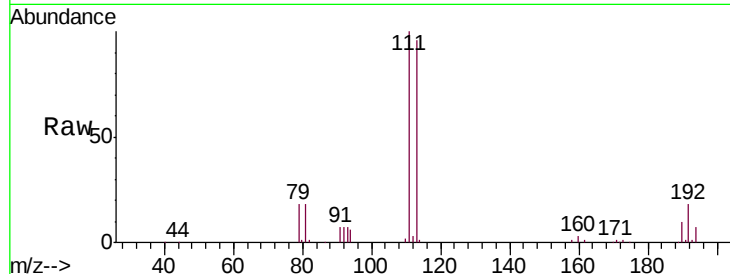




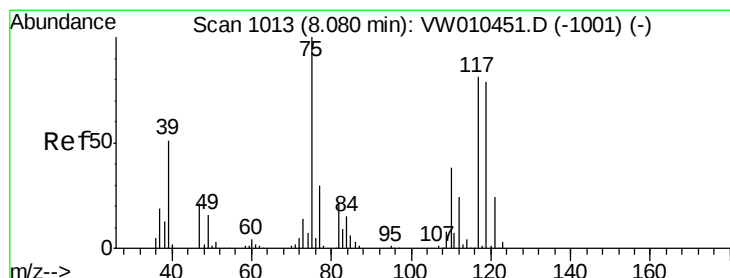
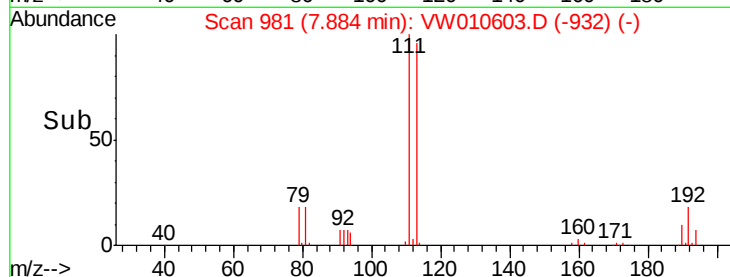
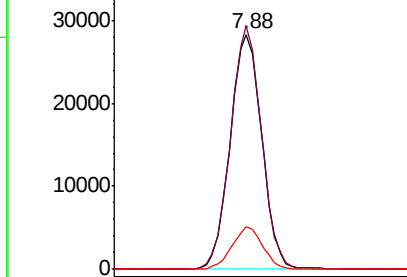
#35
 Dibromofluoromethane
 Concen: 49.660 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010603.D
 Acq: 29 May 2019 20:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-9

Tgt Ion:113 Resp: 66271
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 17.6 14.3 21.5

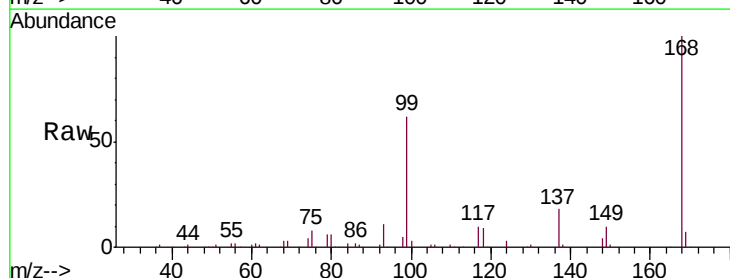


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

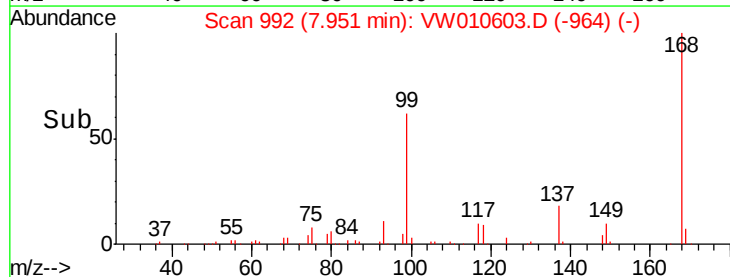
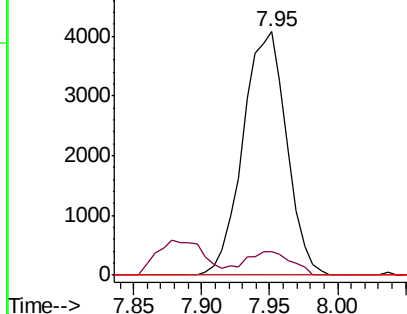


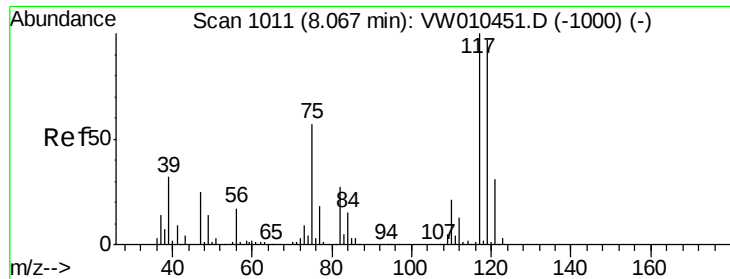
#36
 1,1-Dichloropropene
 Concen: 4.469 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010603.D
 Acq: 29 May 2019 20:48

Tgt Ion: 75 Resp: 9157
 Ion Ratio Lower Upper
 75 100
 110 10.5 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

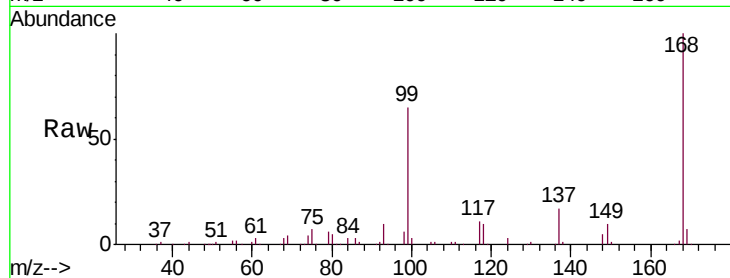




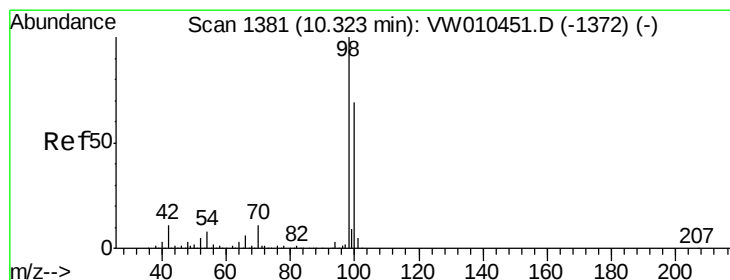
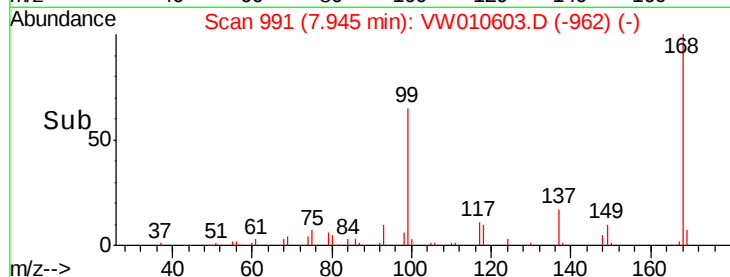
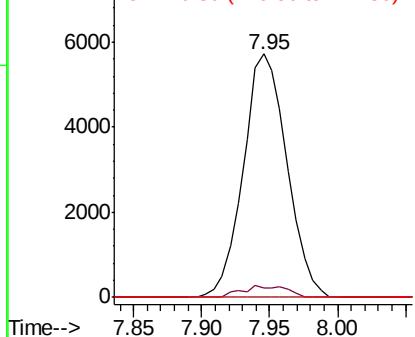
#38
Carbon Tetrachloride
Concen: 5.797 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010603.D
Acq: 29 May 2019 20:48

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-9

Tgt Ion: 117 Resp: 12811
Ion Ratio Lower Upper
117 100
119 4.0 77.4 116.0#
121 0.0 25.0 37.6#

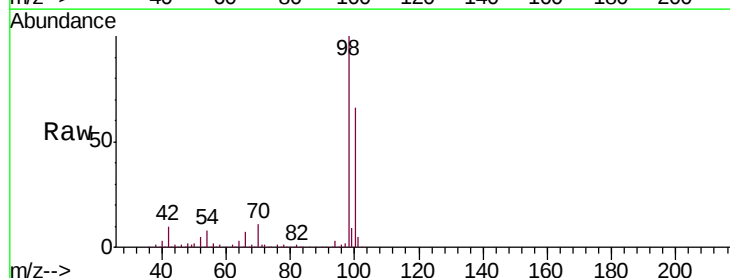


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

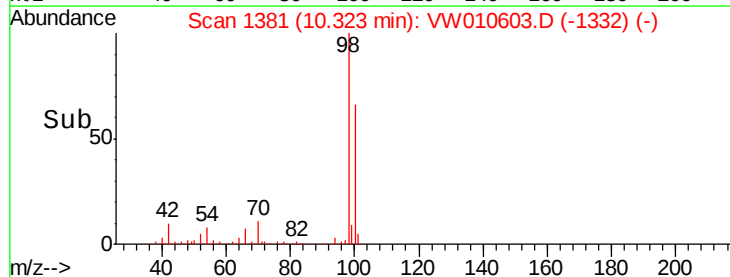
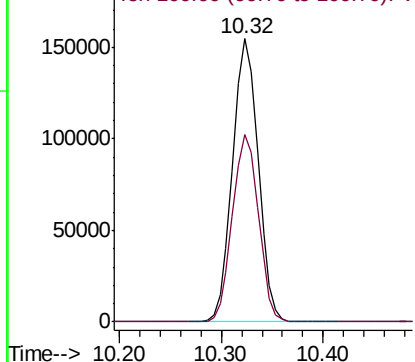


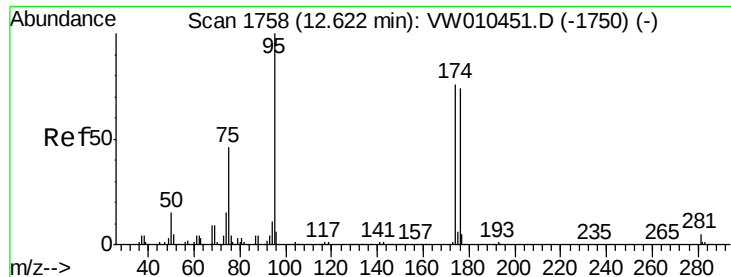
#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010603.D
Acq: 29 May 2019 20:48

Tgt Ion: 98 Resp: 269149
Ion Ratio Lower Upper
98 100
100 67.1 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: 49.500 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010603.D

Acq: 29 May 2019 20:48

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-9

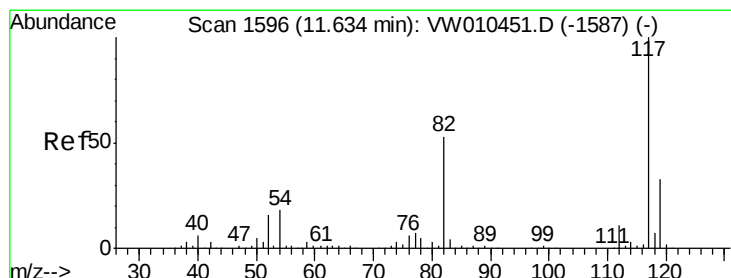
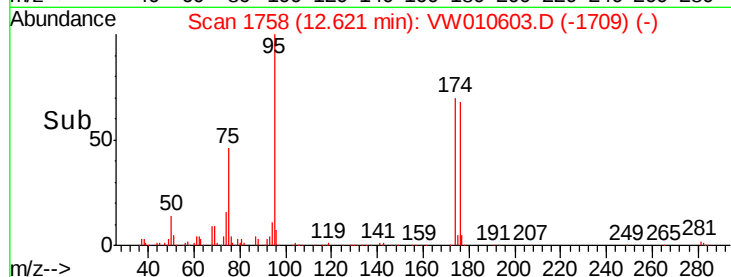
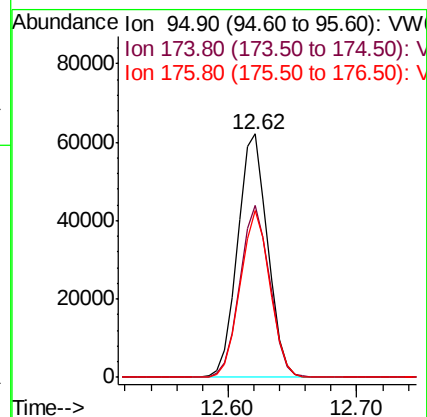
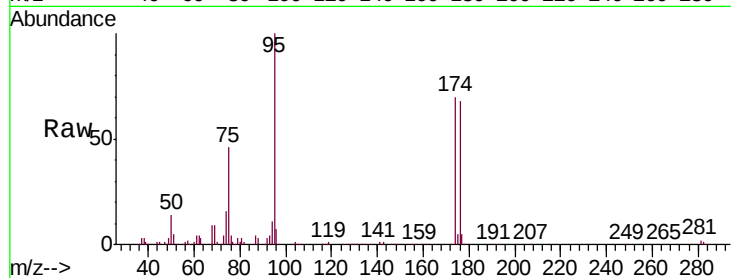
Tgt Ion: 95 Resp: 100517

Ion Ratio Lower Upper

95 100

174 69.7 0.0 148.6

176 67.6 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: VW010603.D

Acq: 29 May 2019 20:48

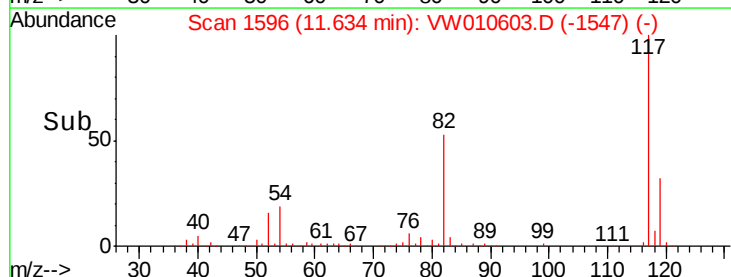
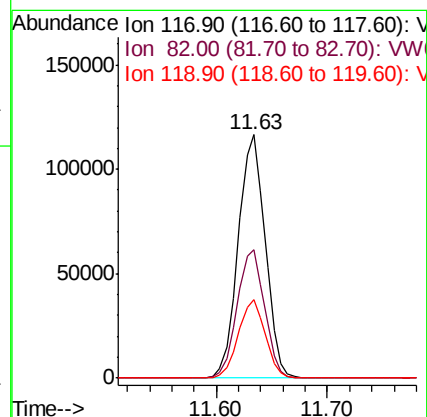
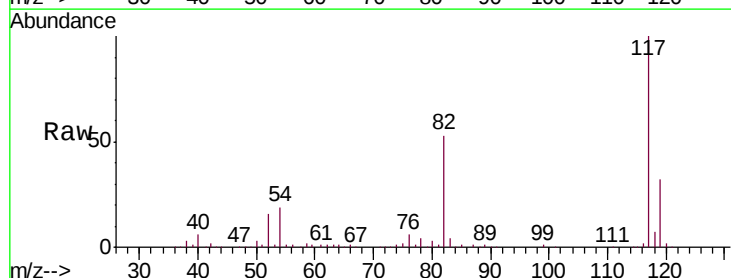
Tgt Ion: 117 Resp: 195482

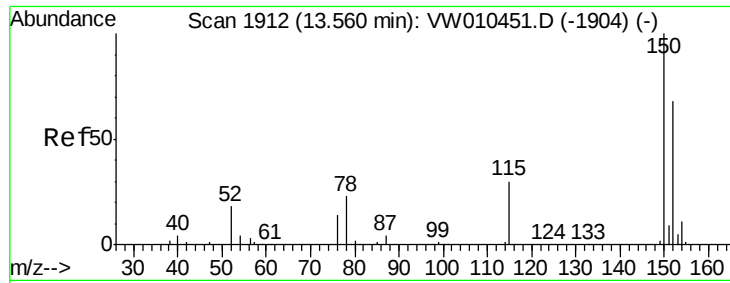
Ion Ratio Lower Upper

117 100

82 52.8 42.8 64.2

119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010603.D

Acq: 29 May 2019 20:48

Instrument :

MSVOA_W

ClientSampled :

TEST-PIT-9

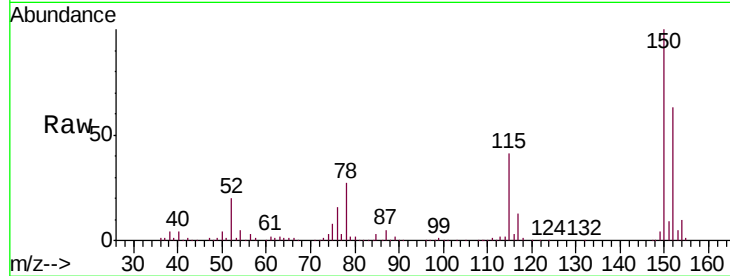
Tgt Ion:152 Resp: 86309

Ion Ratio Lower Upper

152 100

115 63.3 30.3 91.0

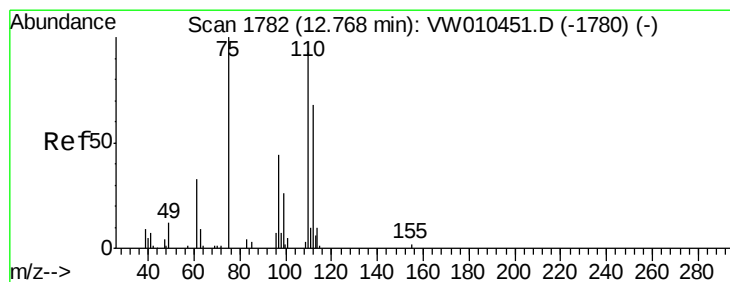
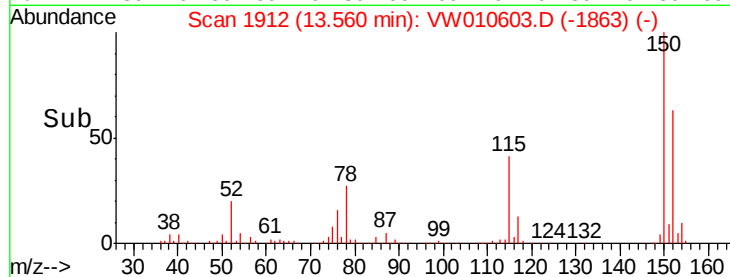
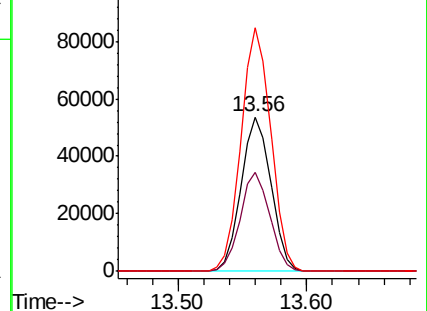
150 156.8 0.0 349.8



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: 53.441 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010603.D

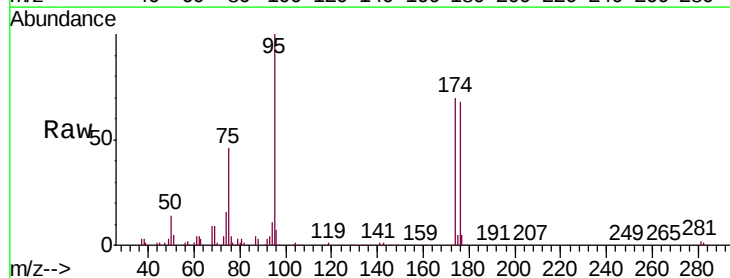
Acq: 29 May 2019 20:48

Tgt Ion: 75 Resp: 46819

Ion Ratio Lower Upper

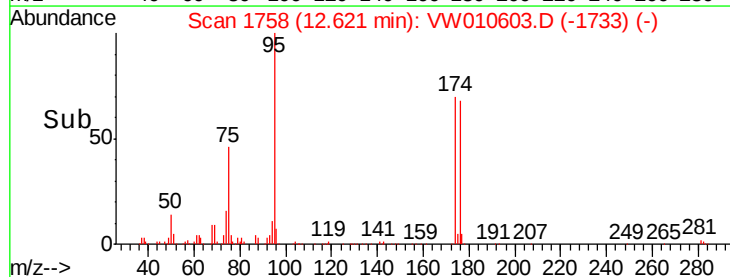
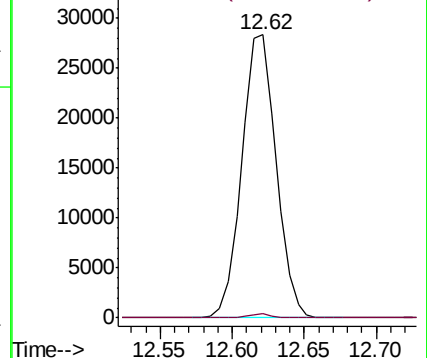
75 100

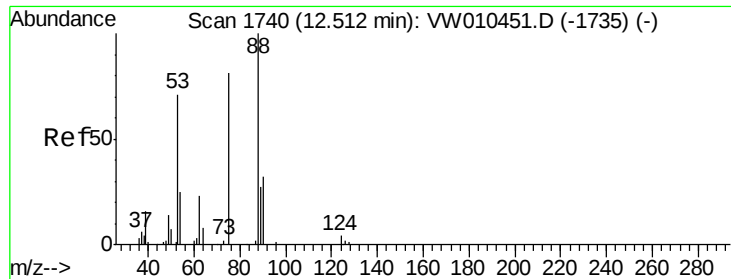
77 1.0 170.0 510.1#



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: 111.532 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010603.D

Acq: 29 May 2019 20:48

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-9

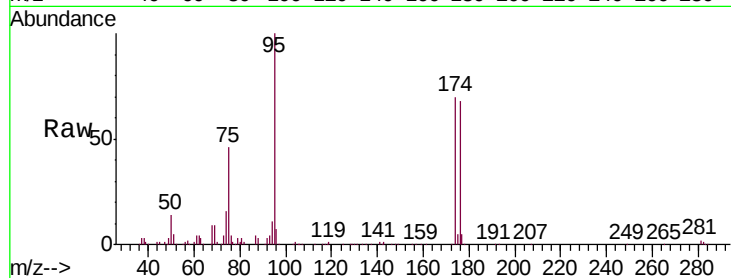
Tgt Ion: 75 Resp: 46819

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

