

Data File : VW010594.D
Acq On : 29 May 2019 16:42
Operator : SY/VA
Sample : K3075-09
Misc : 3.79G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-5

Quant Time: May 30 07:14:03 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

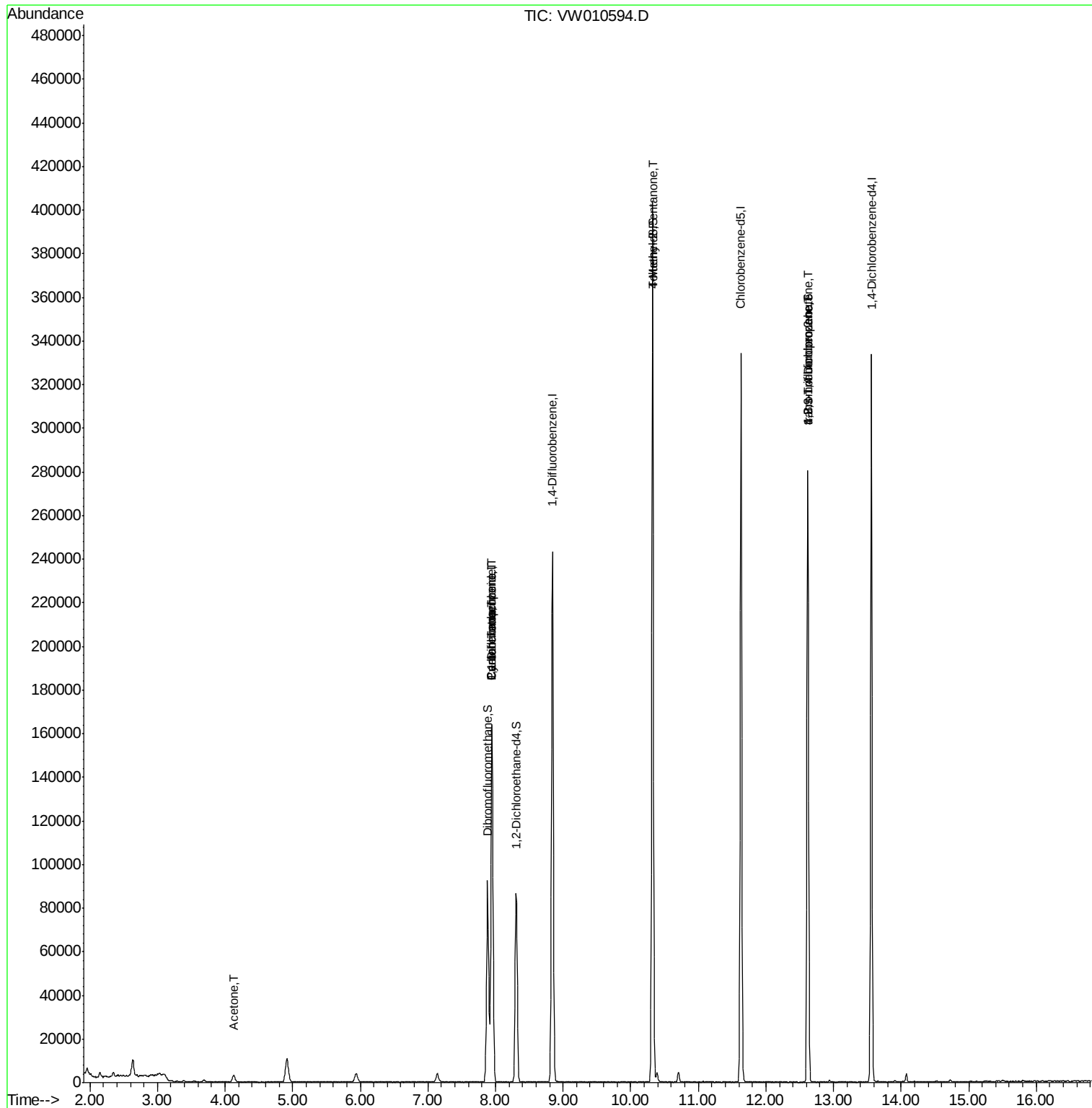
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	222777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69507	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
35) Dibromofluoromethane	7.88	113	66756	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.32	98	274507	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	101629	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
Target Compounds						
16) Acetone	4.12	43	5981	22.786	ug/l	98
31) Cyclohexane	7.95	56	2485	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9116	4.393	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12634	5.643	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1046	1.171	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	48073	54.806	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	48073	114.382	ug/l #	14

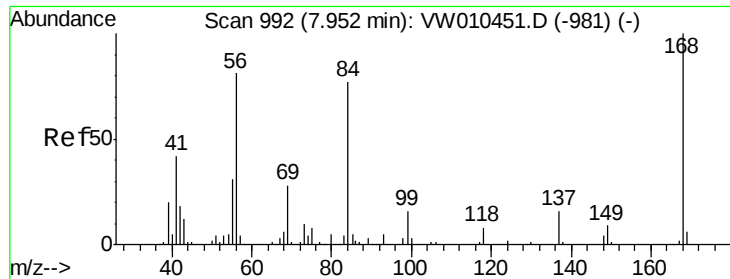
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010594.D

Acq: 29 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

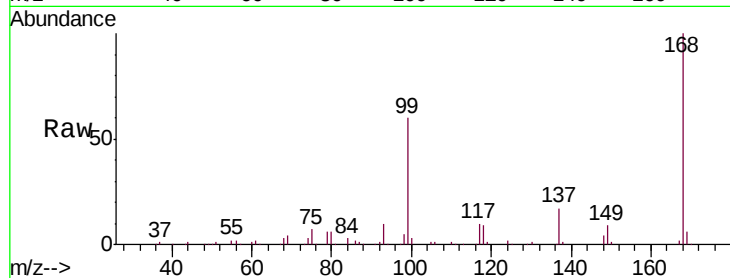
TEST-PIT-5

Tgt Ion:168 Resp: 124582

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

7.95

60000

50000

40000

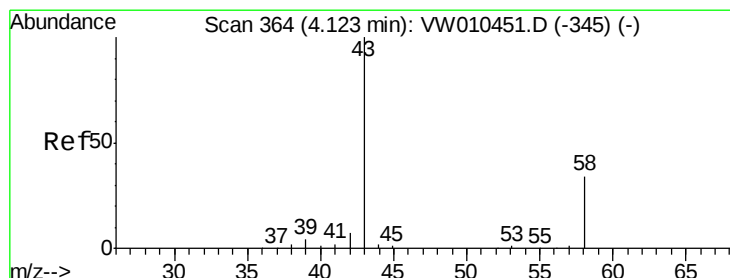
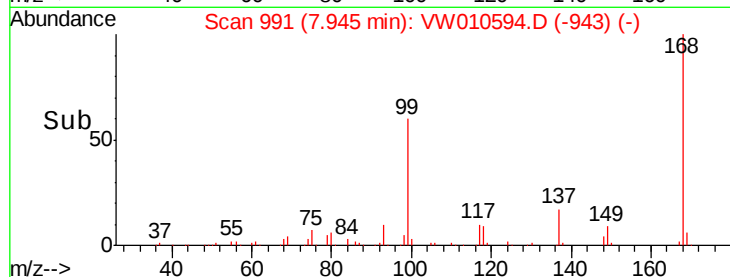
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 22.786 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010594.D

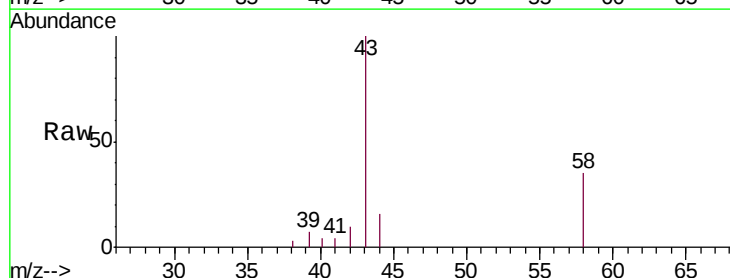
Acq: 29 May 2019 16:42

Tgt Ion: 43 Resp: 5981

Ion Ratio Lower Upper

43 100

58 35.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

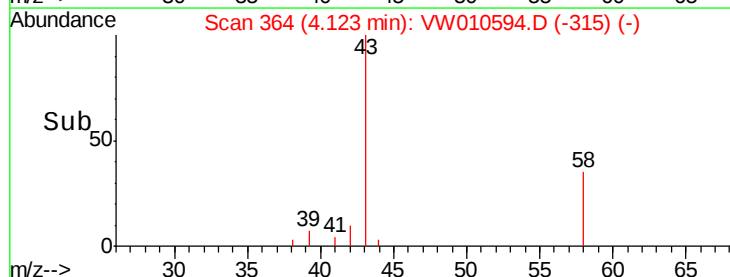
1500

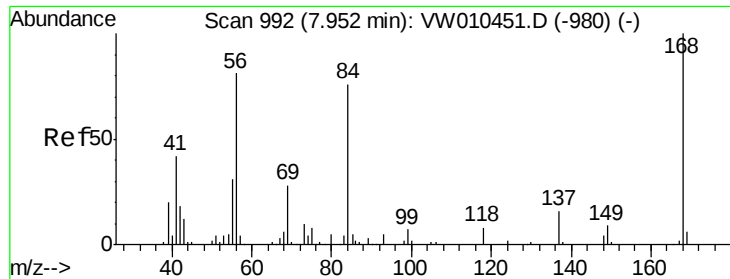
1000

500

0

Time-->

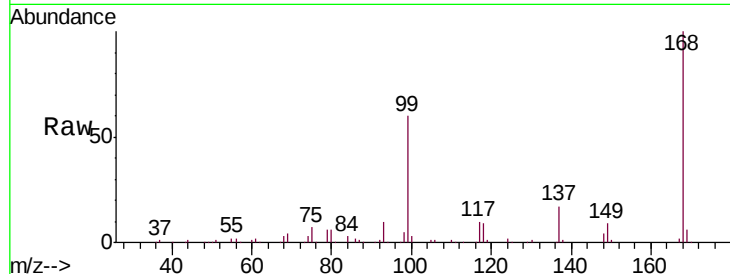




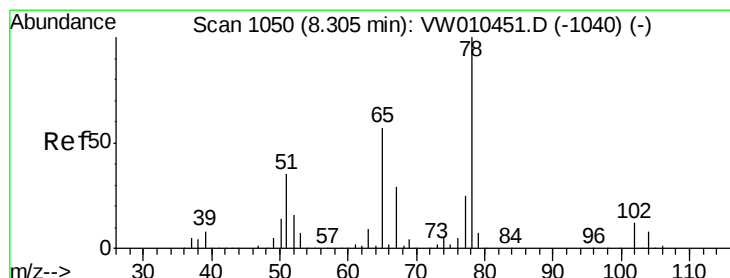
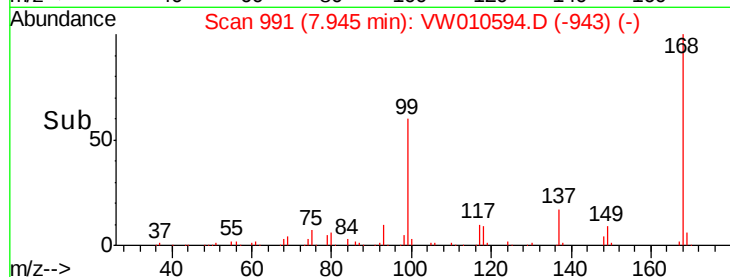
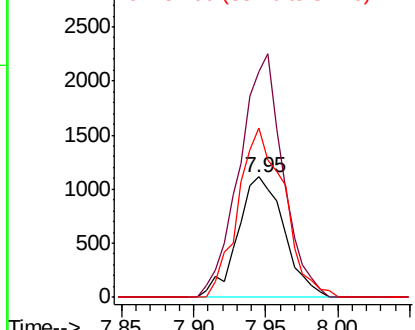
#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010594.D
Acq: 29 May 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-5

Tgt Ion: 56 Resp: 2485
Ion Ratio Lower Upper
56 100
69 187.7 28.2 42.2#
84 141.2 75.8 113.8#

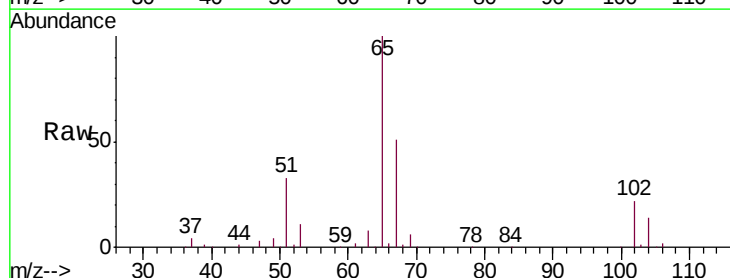


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

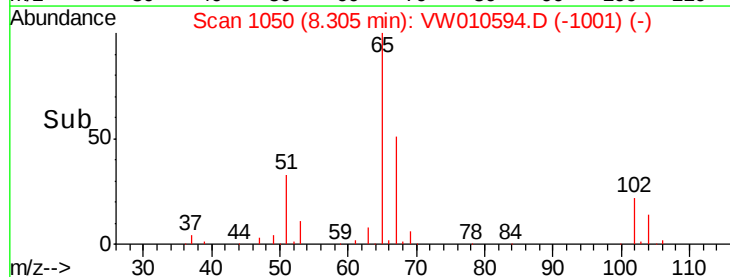
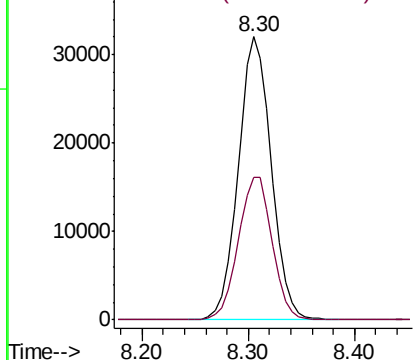


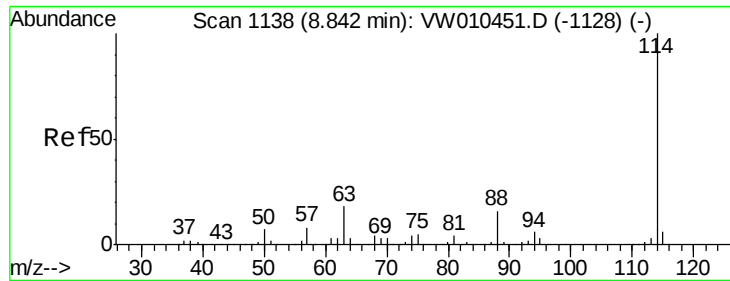
#33
1,2-Dichloroethane-d4
Concen: 54.053 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010594.D
Acq: 29 May 2019 16:42

Tgt Ion: 65 Resp: 69507
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.6



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

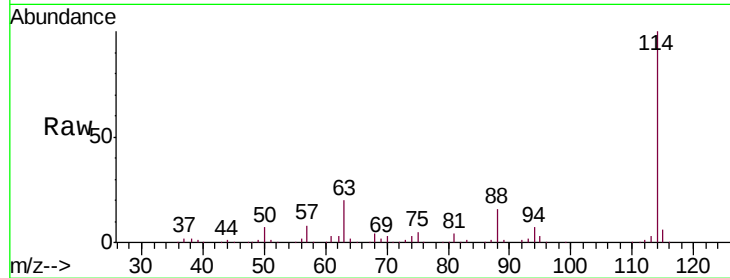




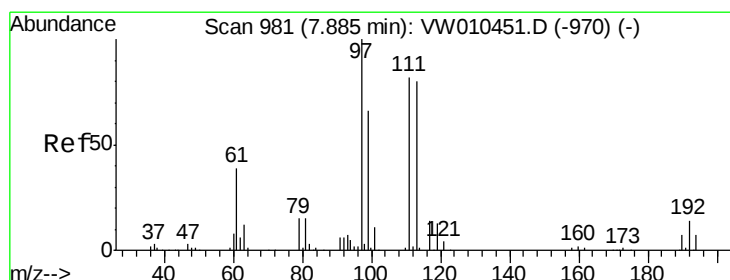
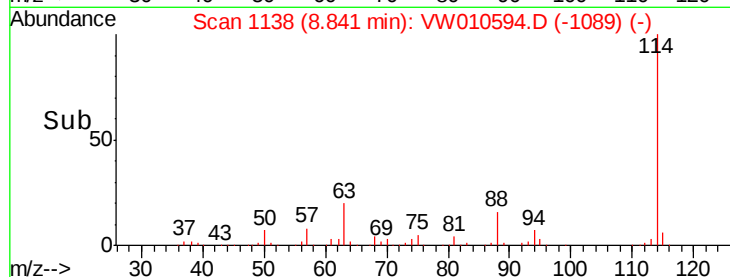
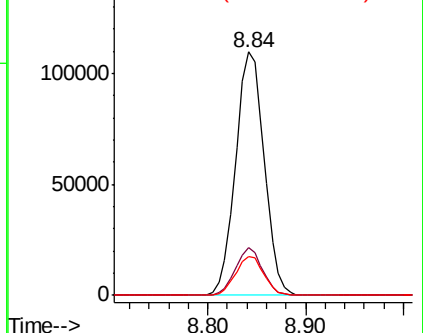
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010594.D
Acq: 29 May 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-5

Tgt Ion:114 Resp: 222777
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.0
88 15.7 0.0 32.0

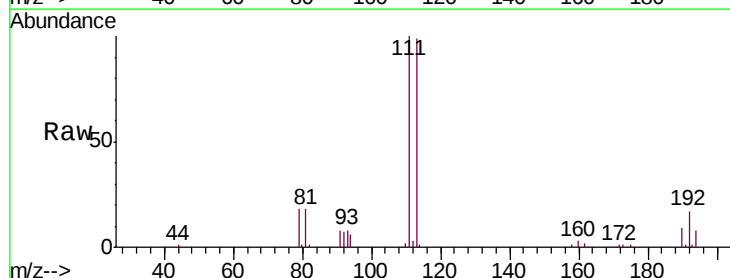


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

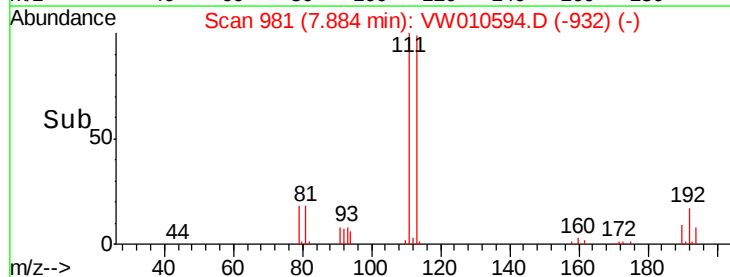
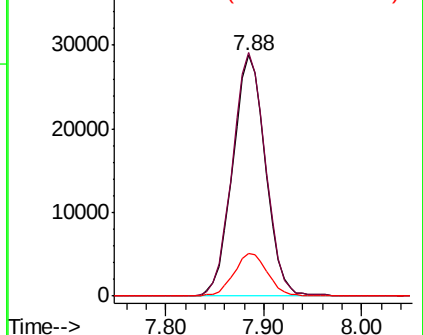


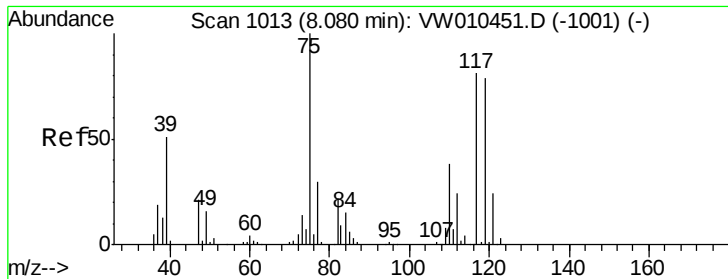
#35
Dibromofluoromethane
Concen: 49.384 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010594.D
Acq: 29 May 2019 16:42

Tgt Ion:113 Resp: 66756
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.2 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: 4.393 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010594.D

Acq: 29 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-5

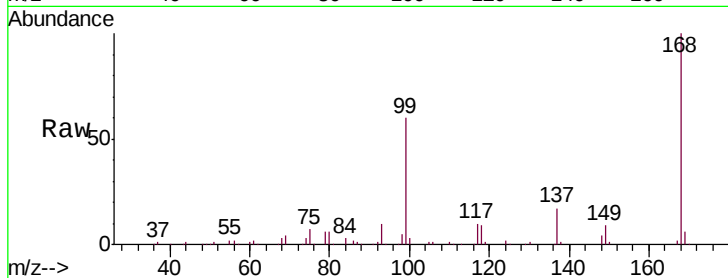
Tgt Ion: 75 Resp: 9116

Ion Ratio Lower Upper

75 100

110 9.7 19.2 57.6#

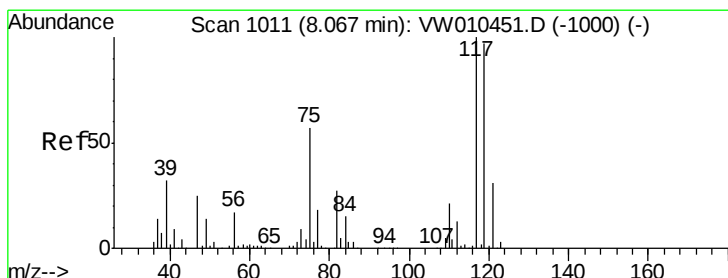
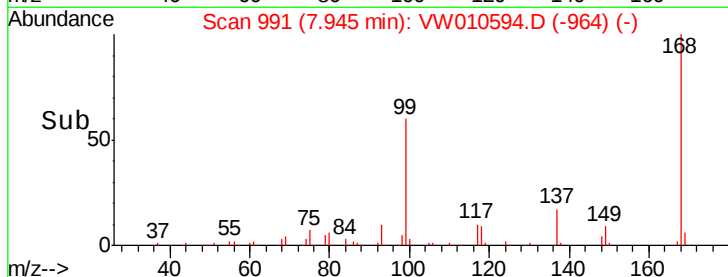
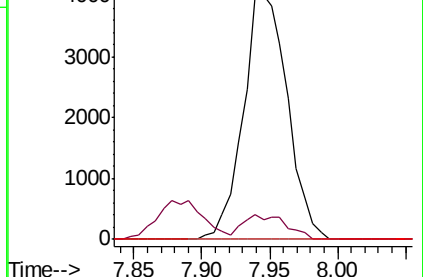
77 0.0 25.2 37.8#



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: 5.643 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010594.D

Acq: 29 May 2019 16:42

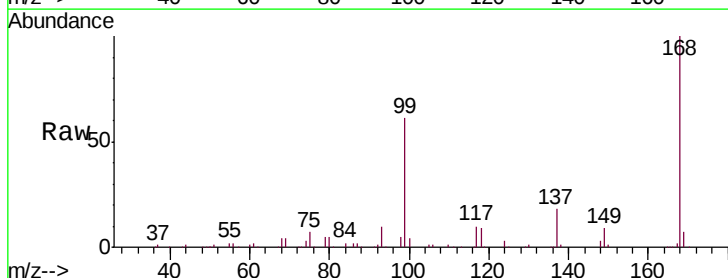
Tgt Ion: 117 Resp: 12634

Ion Ratio Lower Upper

117 100

119 3.6 77.4 116.0#

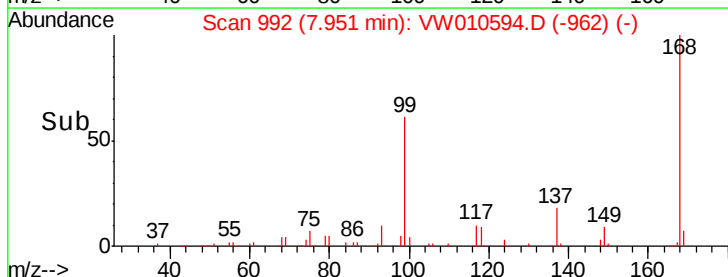
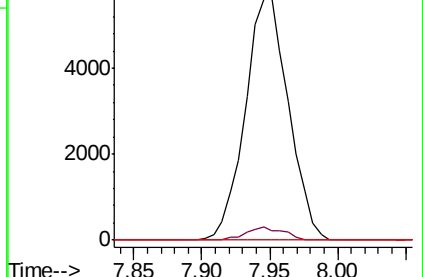
121 0.0 25.0 37.6#

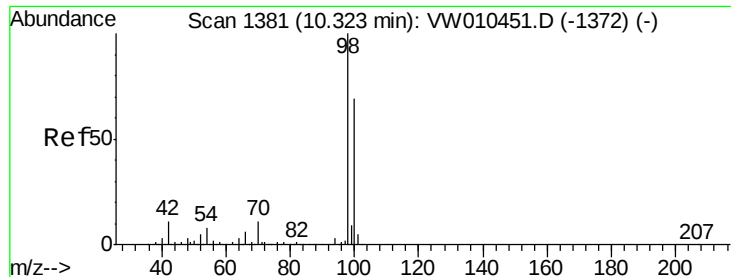


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 53.157 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010594.D

Acq: 29 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

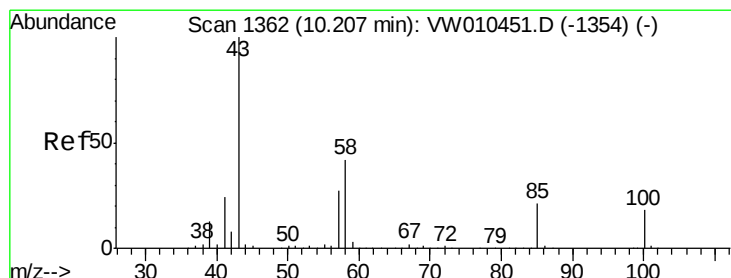
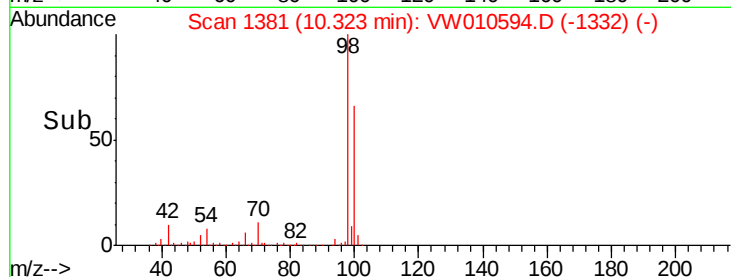
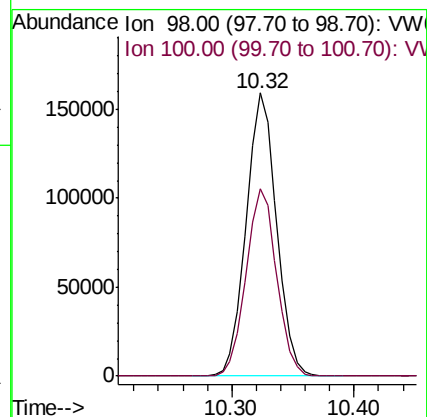
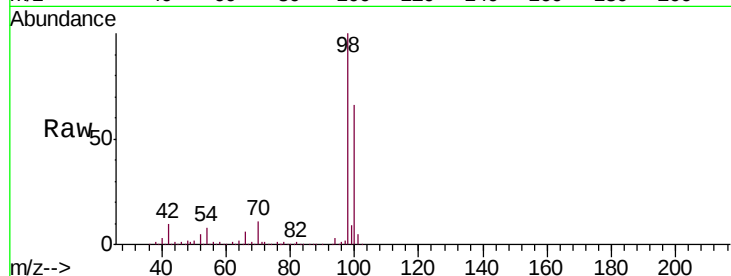
TEST-PIT-5

Tgt Ion: 98 Resp: 274507

Ion Ratio Lower Upper

98 100

100 66.6 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 1.171 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW010594.D

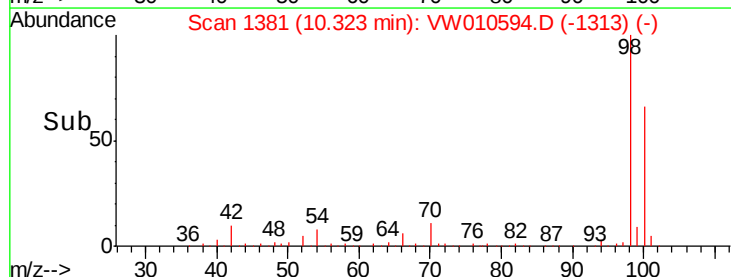
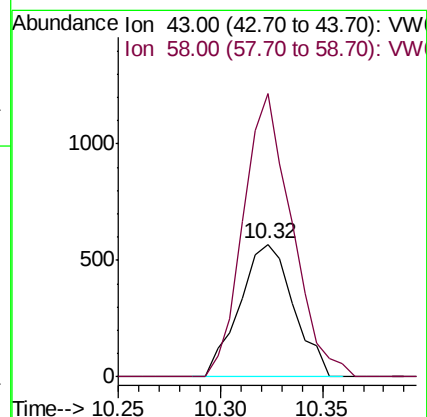
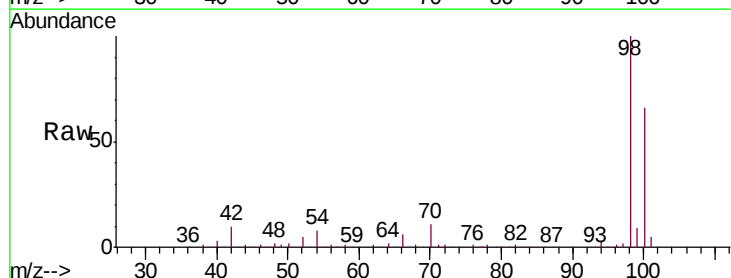
Acq: 29 May 2019 16:42

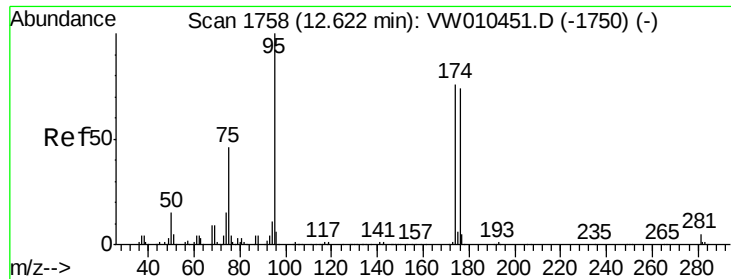
Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

58 192.3 33.2 49.8#

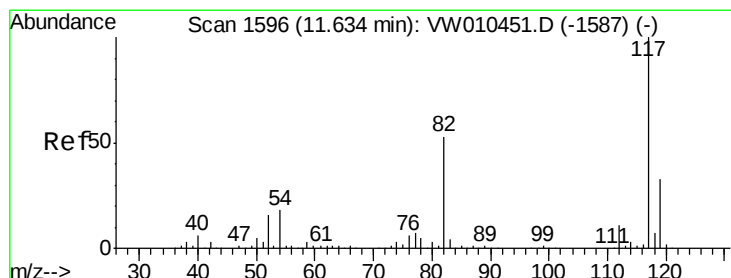
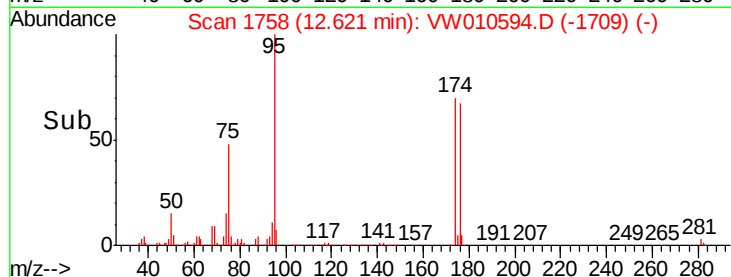
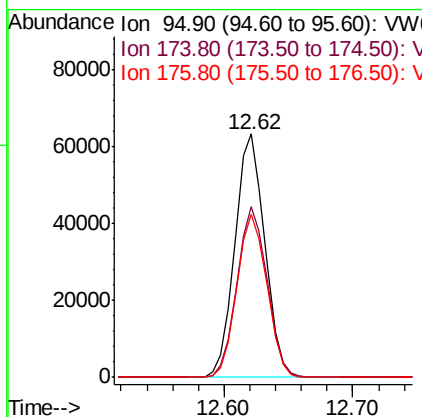
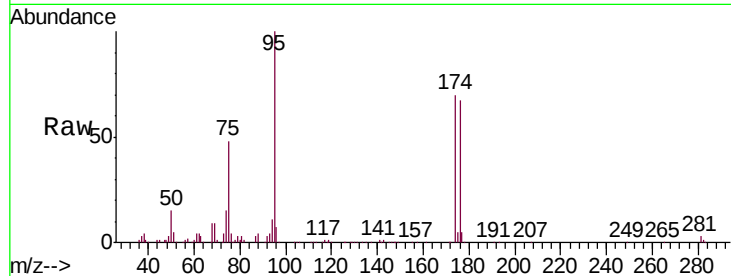




#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010594.D
Acq: 29 May 2019 16:42

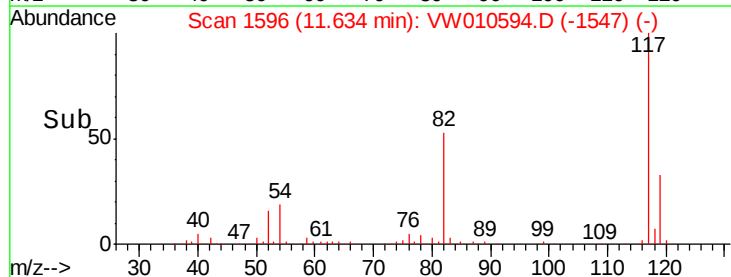
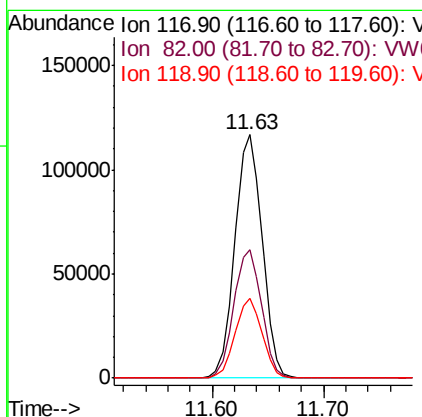
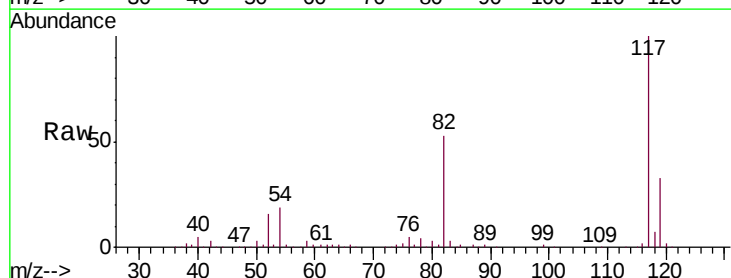
Instrument :
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TEST-PIT-5

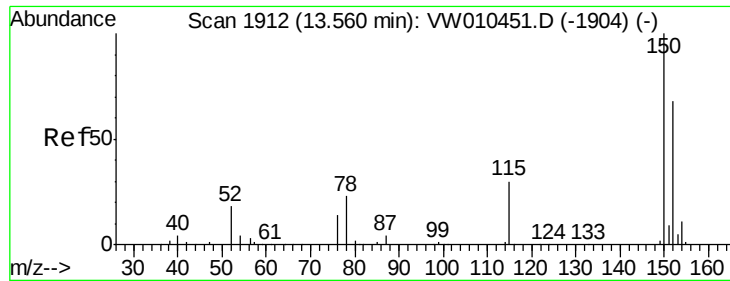
Tgt Ion: 95 Resp: 101629
Ion Ratio Lower Upper
95 100
174 70.6 0.0 148.6
176 67.5 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010594.D
Acq: 29 May 2019 16:42

Tgt Ion: 117 Resp: 198382
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 32.6 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: VW010594.D

Acq: 29 May 2019 16:42

Instrument :

MSVOA_W

ClientSampled :

TEST-PIT-5

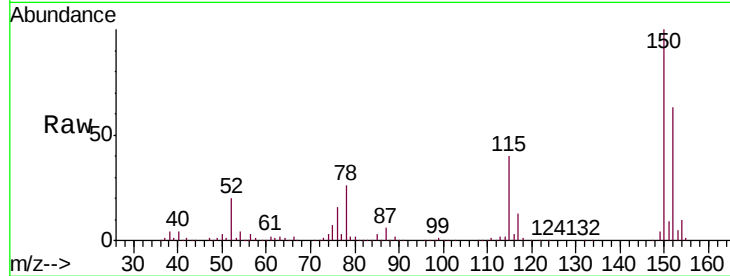
Tgt Ion:152 Resp: 86413

Ion Ratio Lower Upper

152 100

115 63.0 30.3 91.0

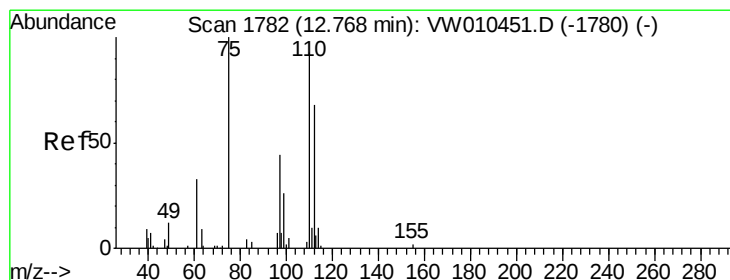
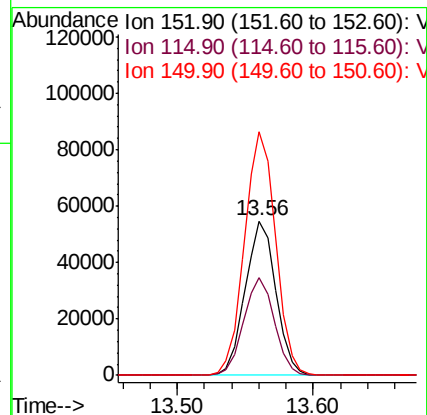
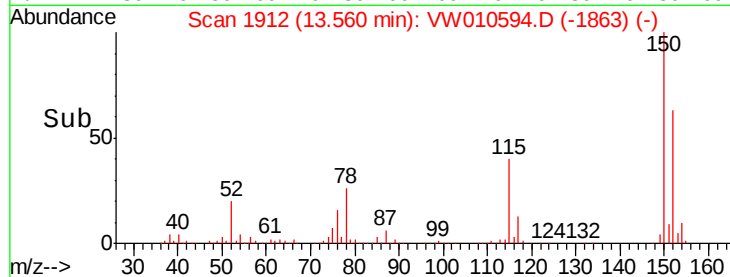
150 159.5 0.0 349.8



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



#76

1,2,3-Trichloropropane

Concen: 54.806 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010594.D

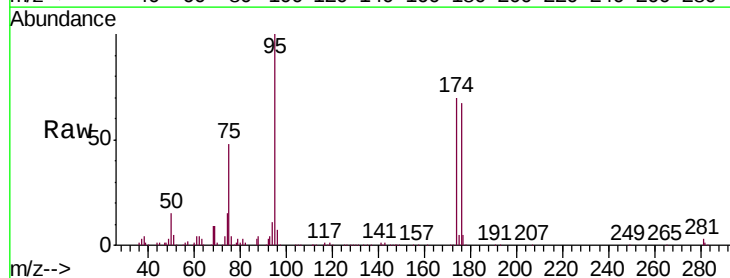
Acq: 29 May 2019 16:42

Tgt Ion: 75 Resp: 48073

Ion Ratio Lower Upper

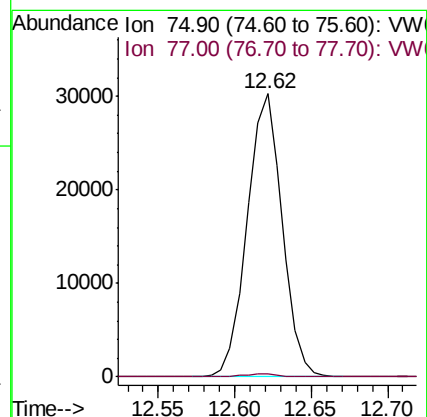
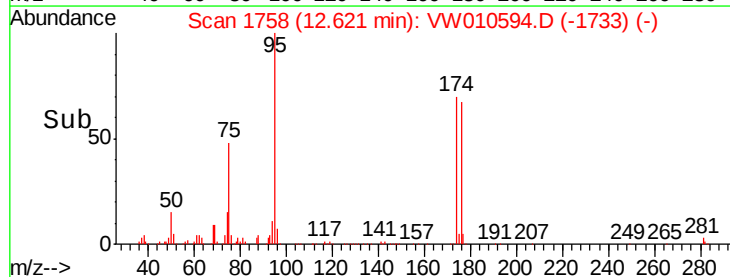
75 100

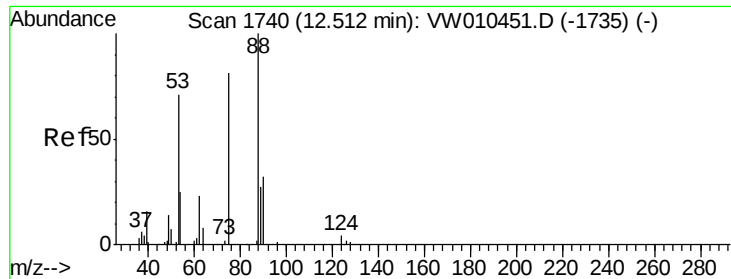
77 1.0 170.0 510.1#



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: 114.382 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010594.D

Acq: 29 May 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-5

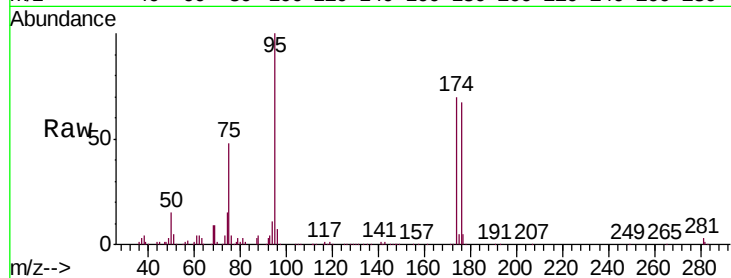
Tgt Ion: 75 Resp: 48073

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

