

Data File : VW010592.D
Acq On : 29 May 2019 15:47
Operator : SY/VA
Sample : K3075-05
Misc : 5.35G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-3

Quant Time: May 30 07:13:33 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	121613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	221365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	197882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	68038	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	65591	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.32	98	271631	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.62	95	101033	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

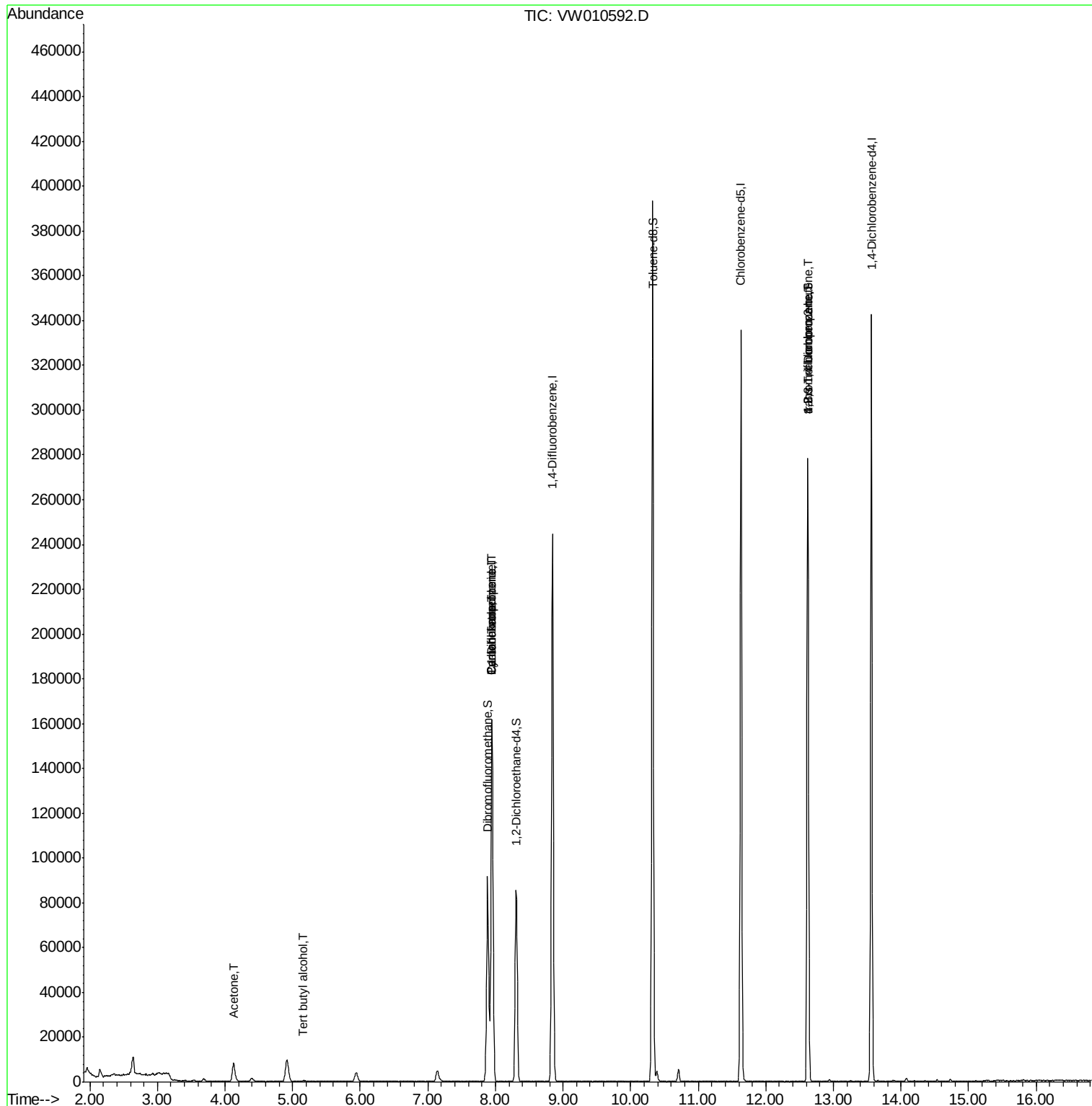
						Qvalue
11) Tert butyl alcohol	5.15	59	407	3.605	ug/l #	71
16) Acetone	4.13	43	14890	58.113	ug/l	95
31) Cyclohexane	7.95	56	2388	1.002	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	9330	4.524	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12778	5.744	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	47792	52.746	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	47792	110.081	ug/l #	14

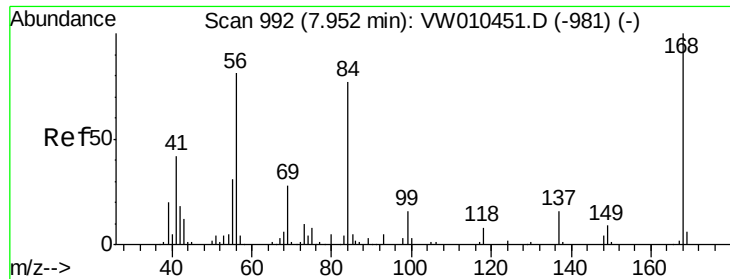
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010592.D

Acq: 29 May 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

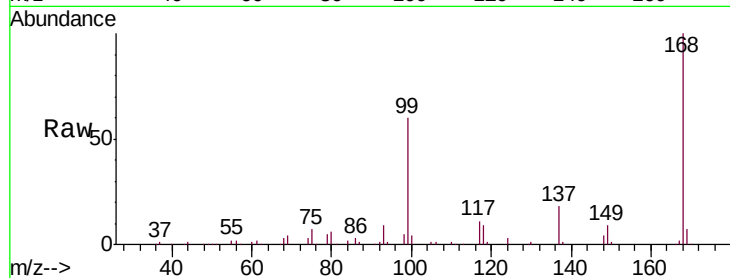
TEST-PIT-3

Tgt Ion:168 Resp: 121613

Ion Ratio Lower Upper

168 100

99 60.5 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

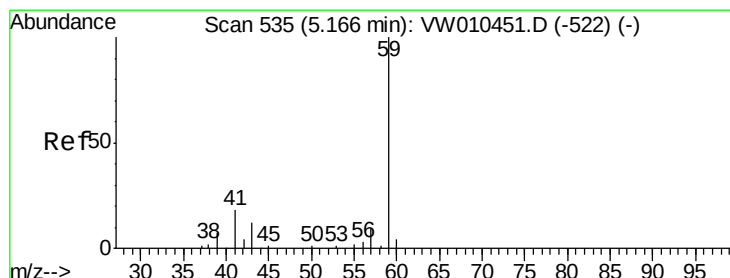
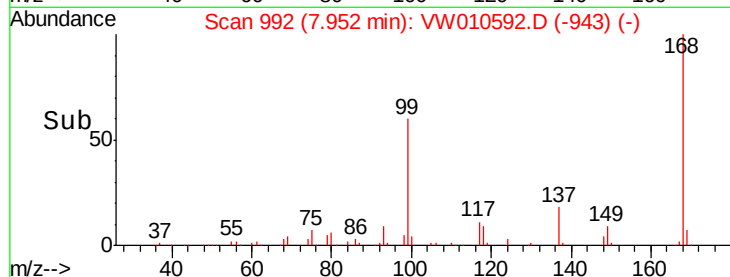
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.605 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW010592.D

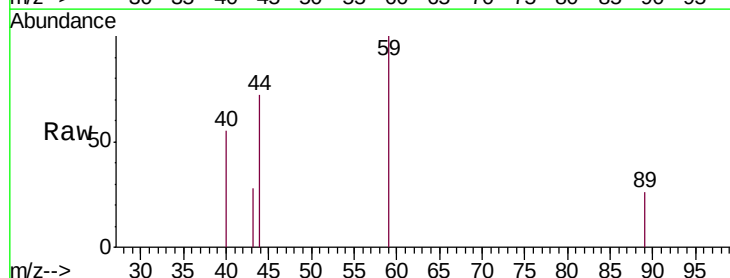
Acq: 29 May 2019 15:47

Tgt Ion: 59 Resp: 407

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

5.15

250

200

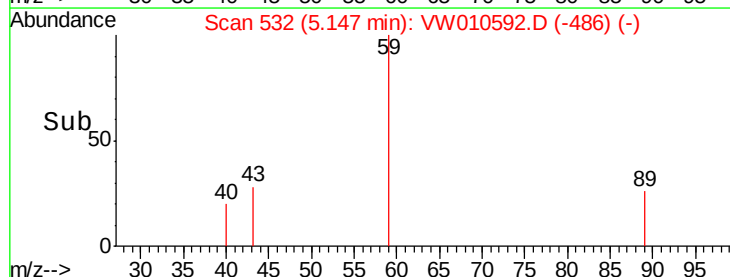
150

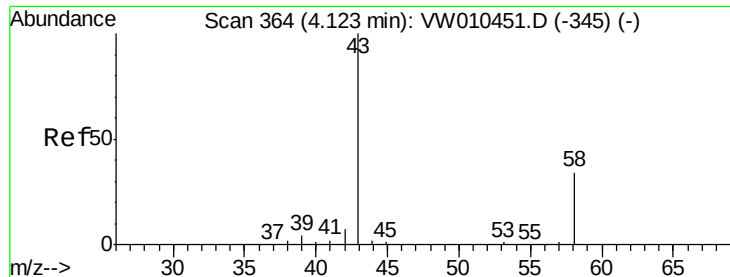
100

50

0

Time-->





#16

Acetone

Concen: 58.113 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010592.D

Acq: 29 May 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

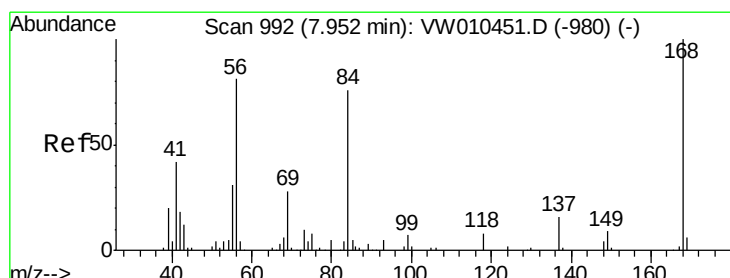
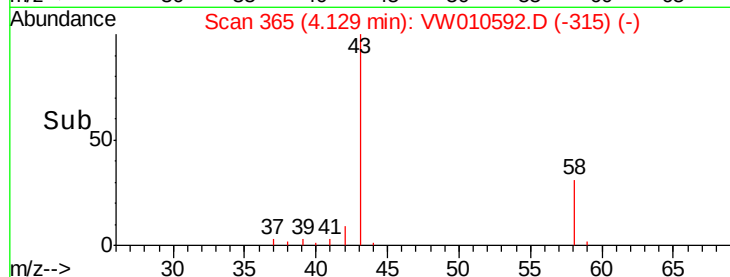
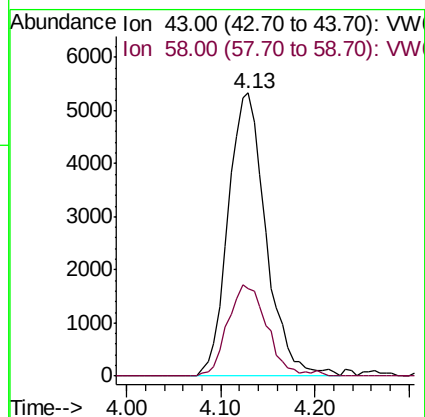
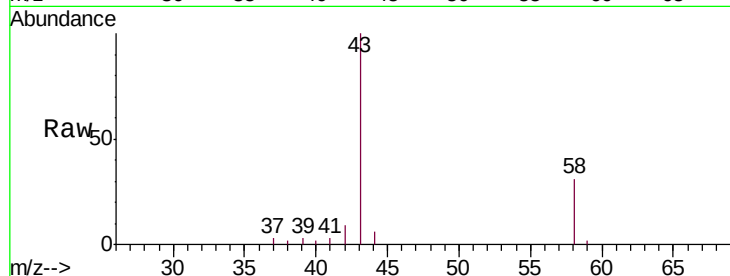
TEST-PIT-3

Tgt Ion: 43 Resp: 14890

Ion Ratio Lower Upper

43 100

58 31.0 27.0 40.4



#31

Cyclohexane

Concen: 1.002 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010592.D

Acq: 29 May 2019 15:47

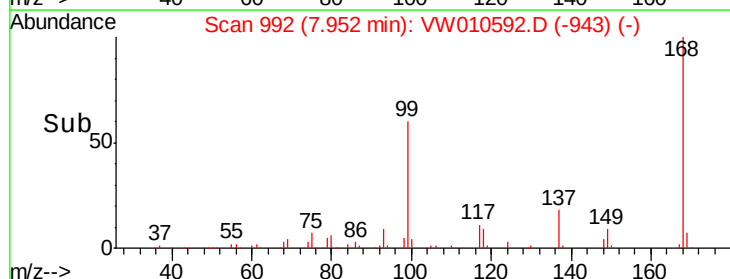
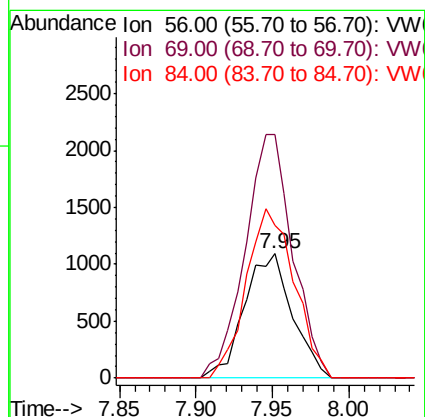
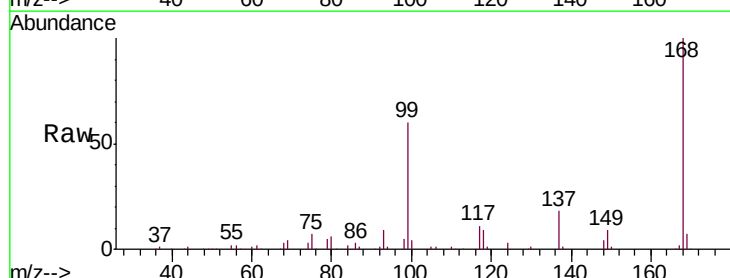
Tgt Ion: 56 Resp: 2388

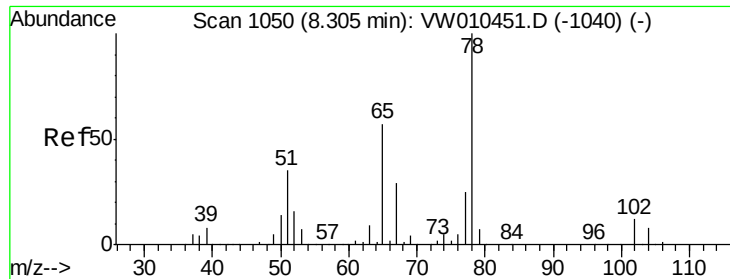
Ion Ratio Lower Upper

56 100

69 196.1 28.2 42.2#

84 122.6 75.8 113.8#

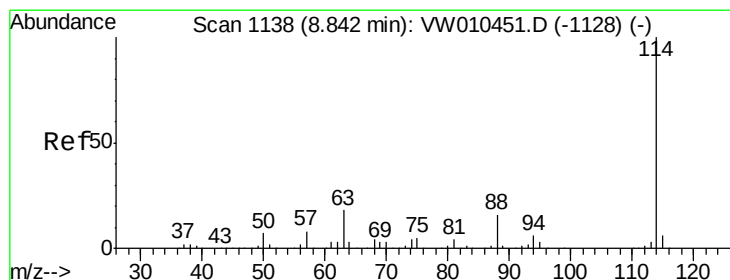
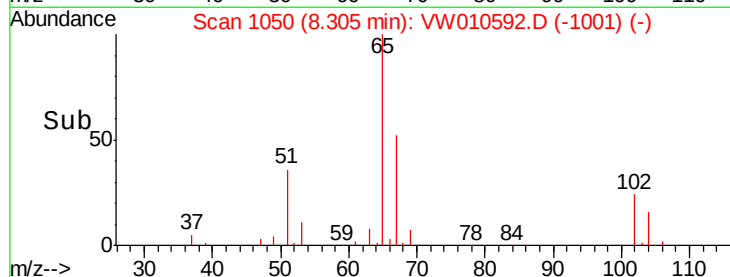
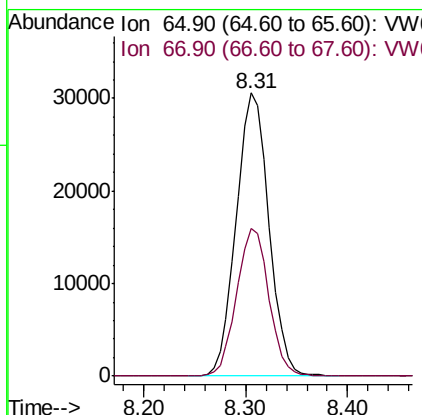
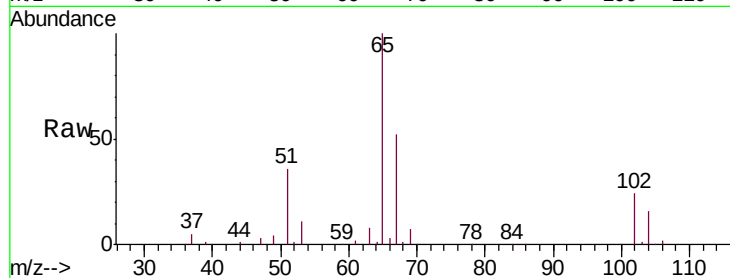




#33
 1,2-Dichloroethane-d4
 Concen: 54.203 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010592.D
 Acq: 29 May 2019 15:47

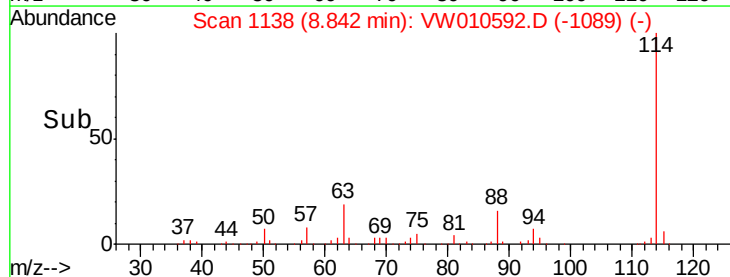
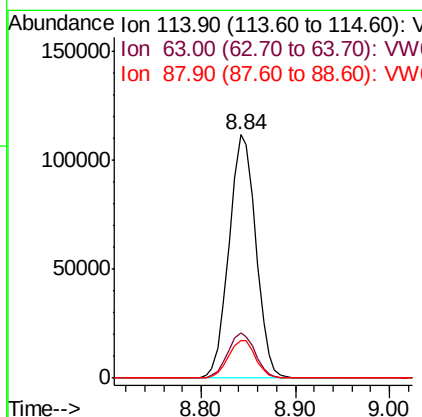
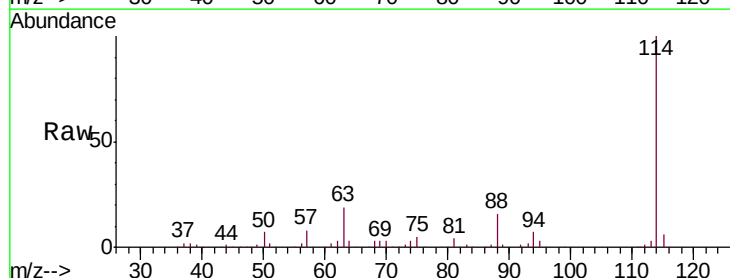
Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-3

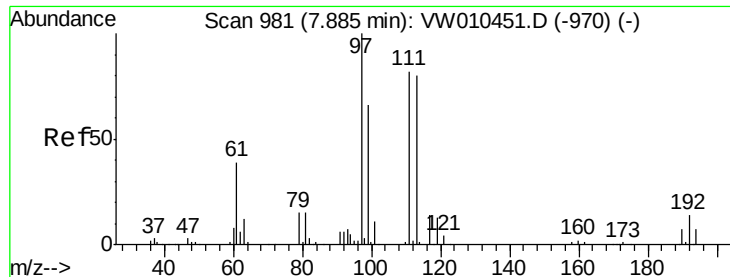
Tgt Ion: 65 Resp: 68038
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010592.D
 Acq: 29 May 2019 15:47

Tgt Ion: 114 Resp: 221365
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 15.6 0.0 32.0

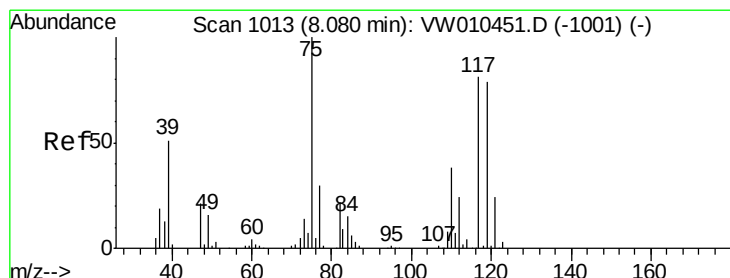
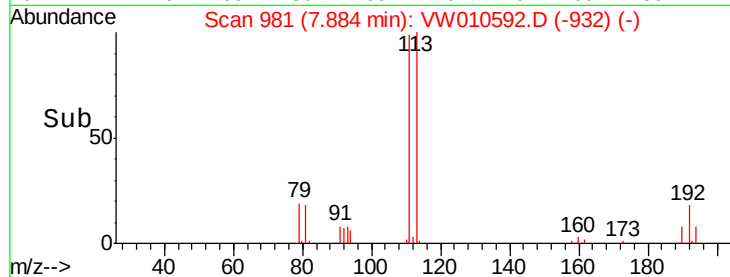
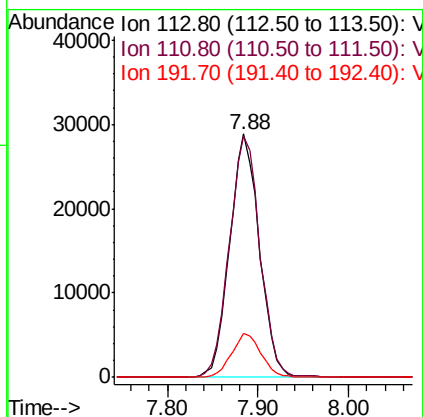
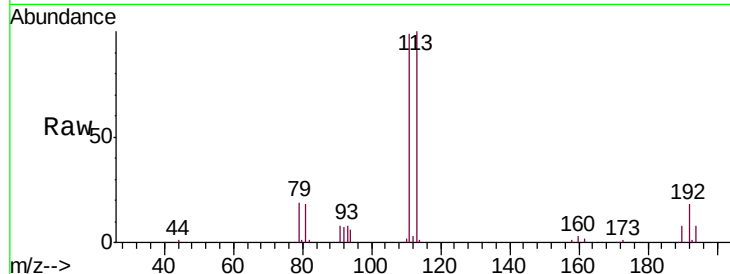




#35
 Dibromofluoromethane
 Concen: 48.832 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010592.D
 Acq: 29 May 2019 15:47

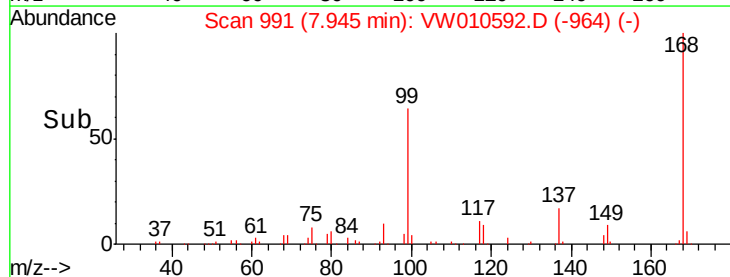
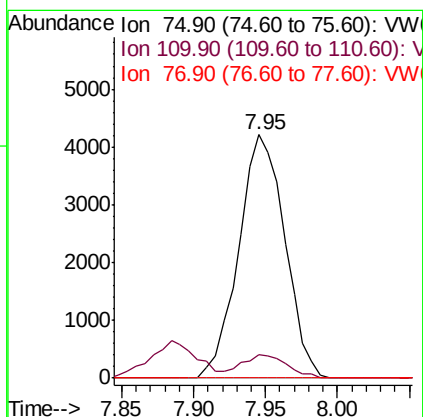
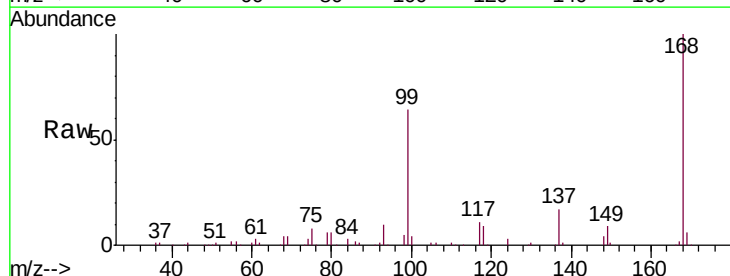
Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-3

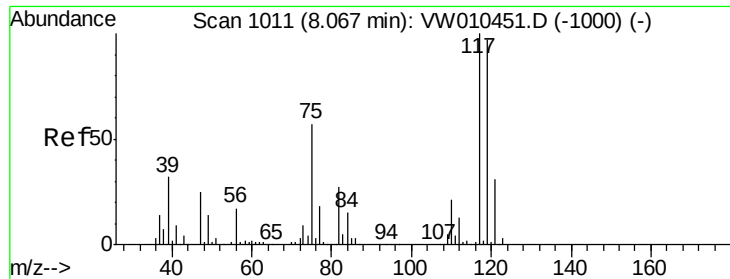
Tgt Ion: 113 Resp: 65591
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 17.7 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010592.D
 Acq: 29 May 2019 15:47

Tgt Ion: 75 Resp: 9330
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.2 57.6#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010592.D

Acq: 29 May 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-3

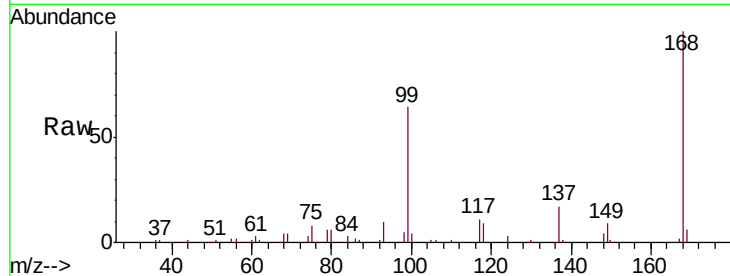
Tgt Ion: 117 Resp: 12778

Ion Ratio Lower Upper

117 100

119 4.5 77.4 116.0#

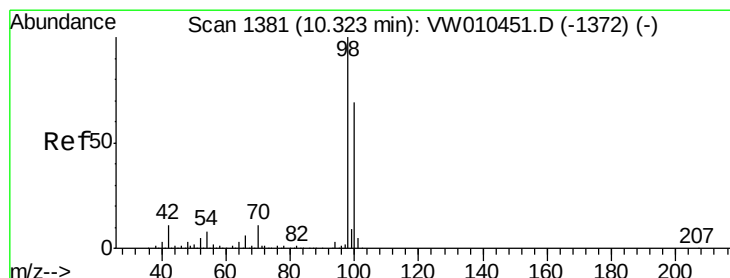
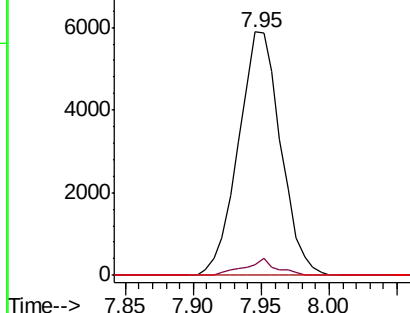
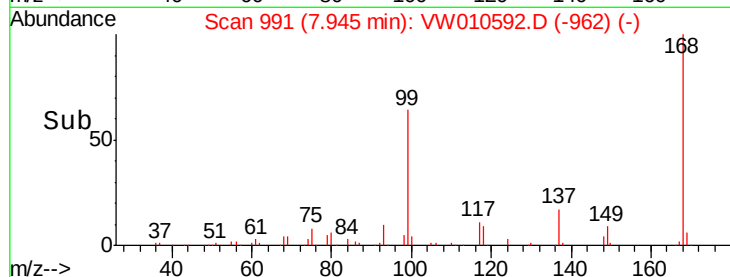
121 0.0 25.0 37.6#



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: 52.936 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010592.D

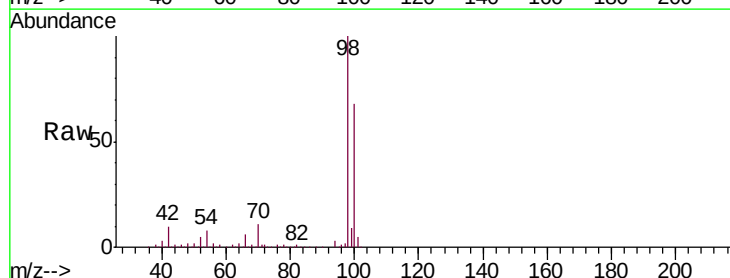
Acq: 29 May 2019 15:47

Tgt Ion: 98 Resp: 271631

Ion Ratio Lower Upper

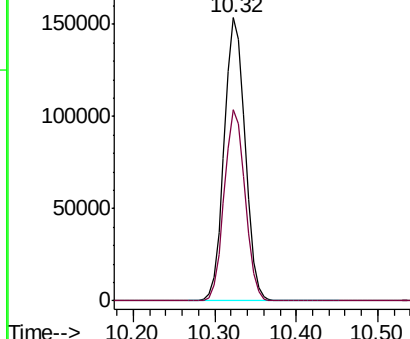
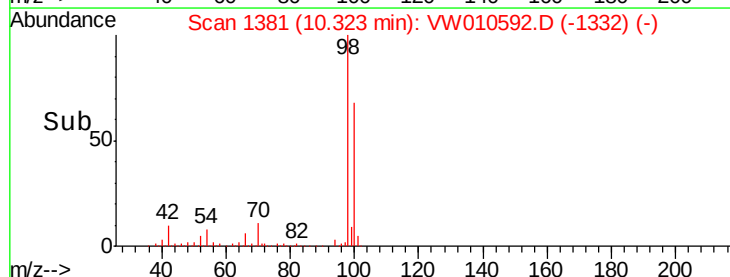
98 100

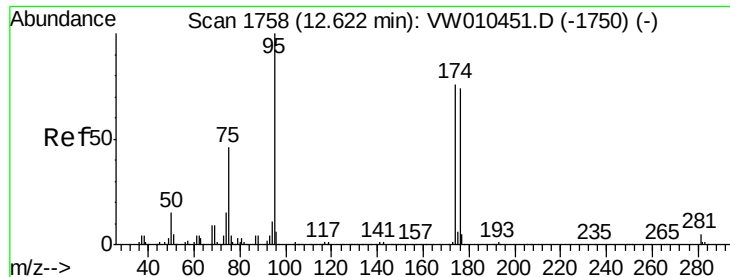
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

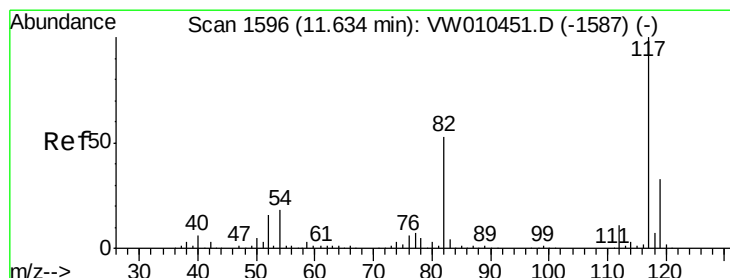
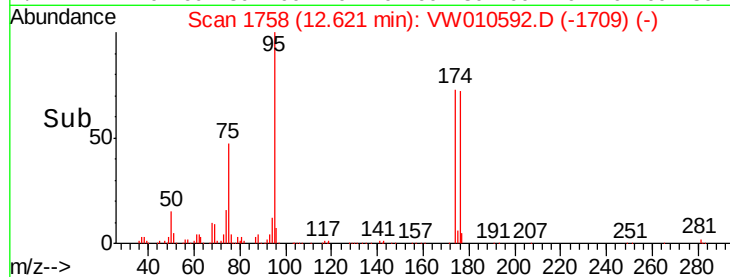
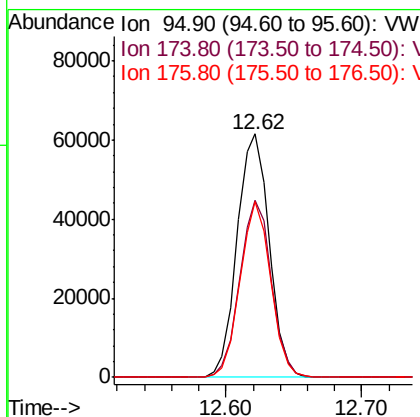
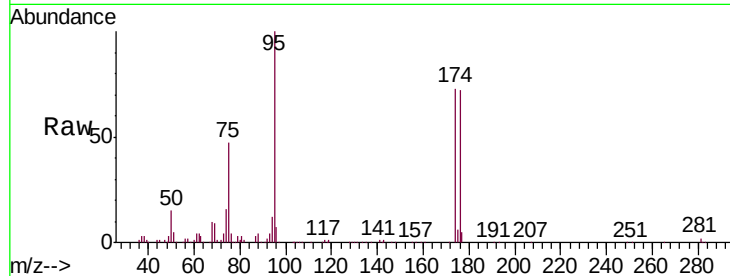




#62
4-Bromofluorobenzene
Concen: 49.432 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010592.D
Acq: 29 May 2019 15:47

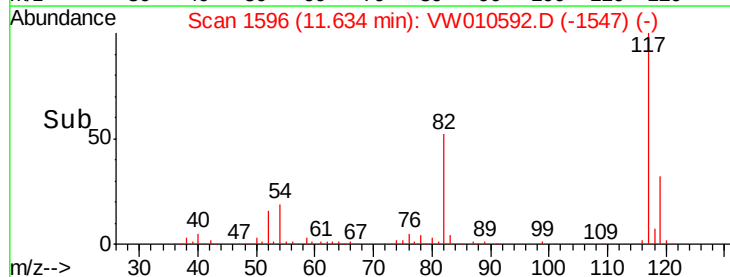
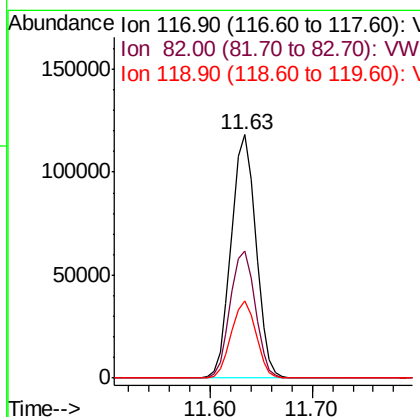
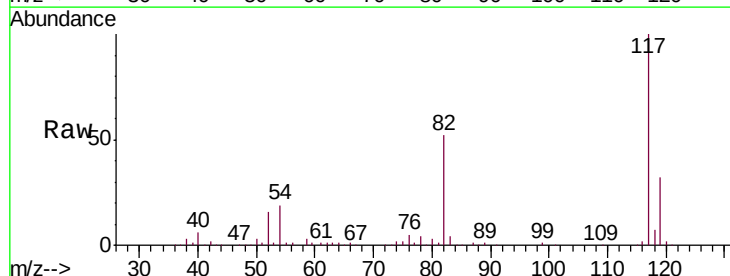
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-3

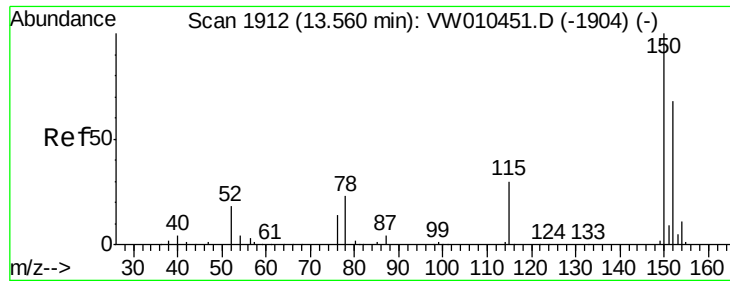
Tgt Ion: 95 Resp: 101033
Ion Ratio Lower Upper
95 100
174 71.5 0.0 148.6
176 69.0 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010592.D
Acq: 29 May 2019 15:47

Tgt Ion: 117 Resp: 197882
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 31.8 26.3 39.5



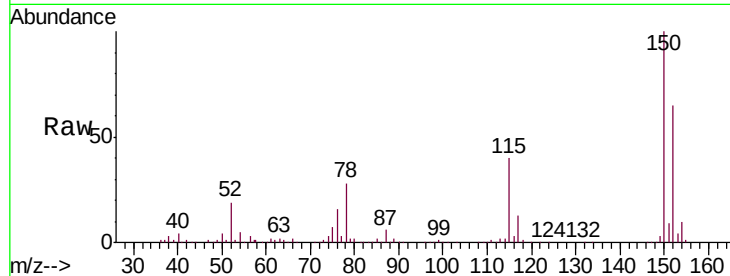


#72

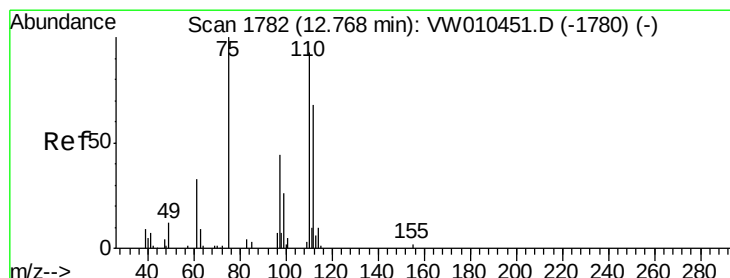
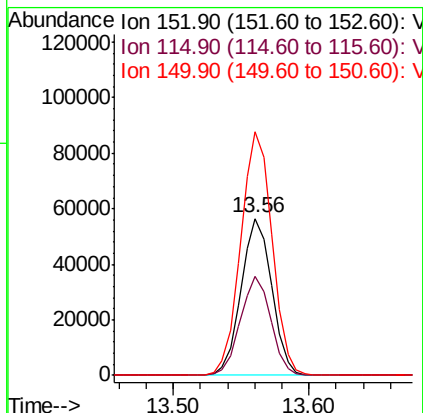
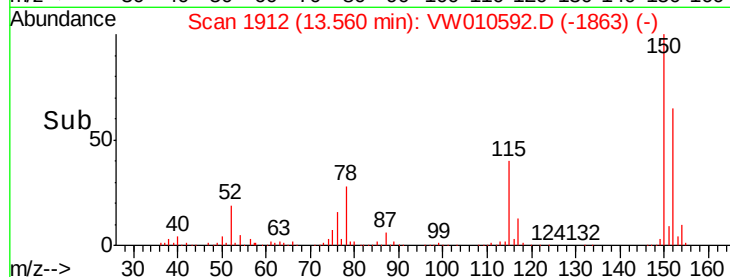
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010592.D
Acq: 29 May 2019 15:47

Instrument :
MSVOA_W
ClientSampled :
TEST-PIT-3

Tgt Ion:152 Resp: 89264
Ion Ratio Lower Upper
152 100
115 62.4 30.3 91.0
150 157.9 0.0 349.8



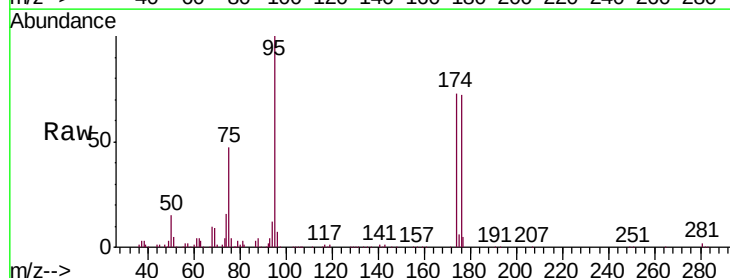
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



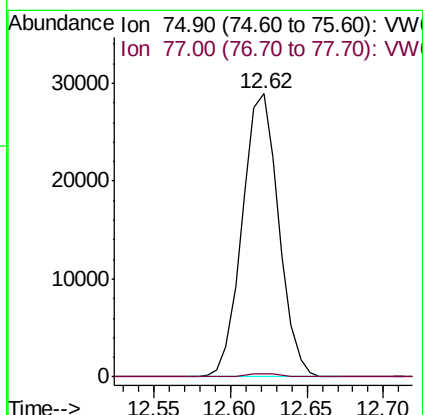
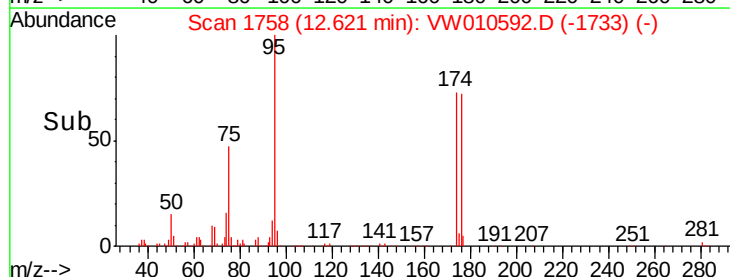
#76

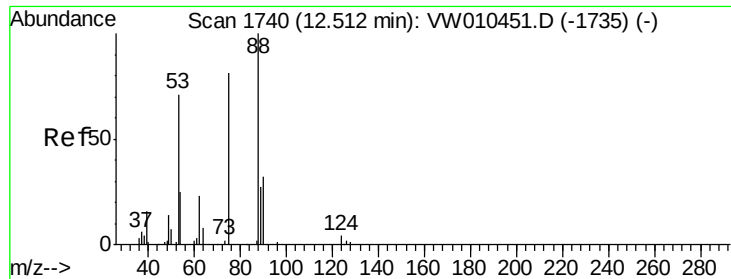
1,2,3-Trichloropropane
Concen: 52.746 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010592.D
Acq: 29 May 2019 15:47

Tgt Ion: 75 Resp: 47792
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: 110.081 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010592.D

Acq: 29 May 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-3

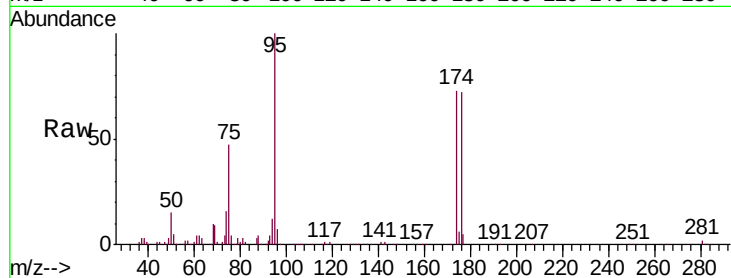
Tgt Ion: 75 Resp: 47792

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 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

