

Data File : VW010593.D
Acq On : 29 May 2019 16:14
Operator : SY/VA
Sample : K3075-07
Misc : 6.02G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-4

Quant Time: May 30 07:13:48 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	120210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	190814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	67726	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	7.88	113	65238	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.32	98	262831	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	95791	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds

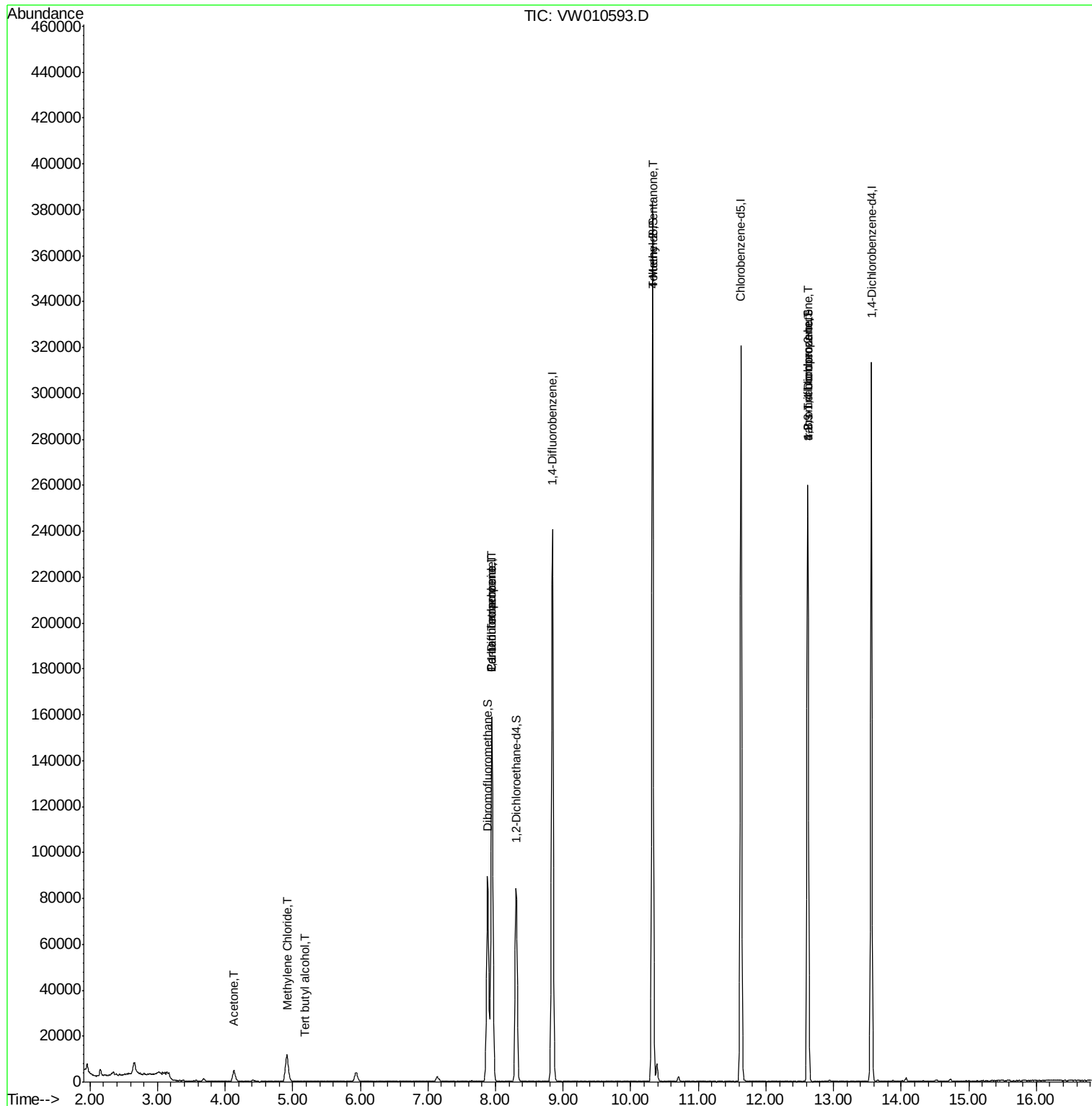
						Qvalue
11) Tert butyl alcohol	5.18	59	299	2.679	ug/l #	71
16) Acetone	4.14	43	8643	34.126	ug/l	99
20) Methylene Chloride	4.92	84	9647	1.581	ug/l	95
36) 1,1-Dichloropropene	7.95	75	8926	4.416	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12806	5.872	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1056	1.213	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	45113	55.690	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	45113	116.227	ug/l #	14

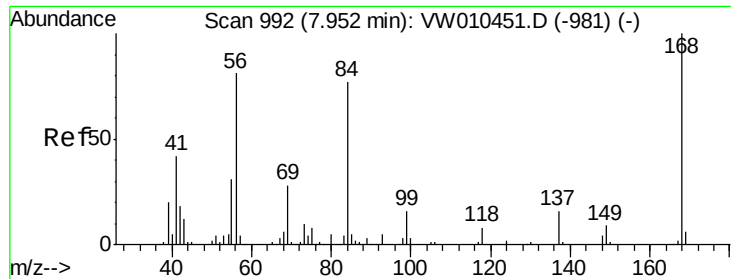
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010593.D

Acq: 29 May 2019 16:14

Instrument :

MSVOA_W

ClientSampleId :

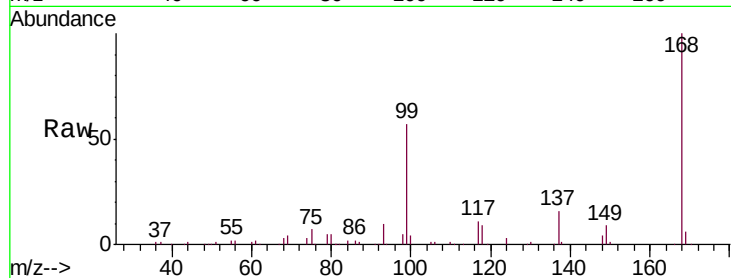
TEST-PIT-4

Tgt Ion:168 Resp: 120210

Ion Ratio Lower Upper

168 100

99 57.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

10000

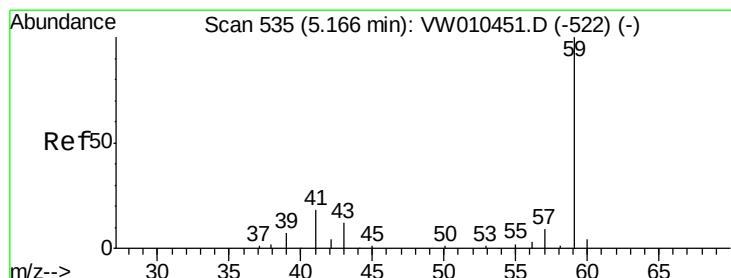
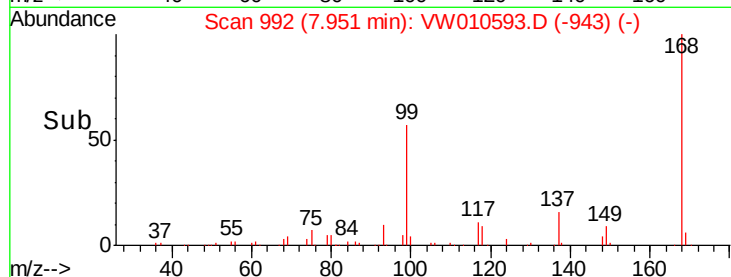
0

7.90

8.00

8.10

Time-->



#11

Tert butyl alcohol

Concen: 2.679 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010593.D

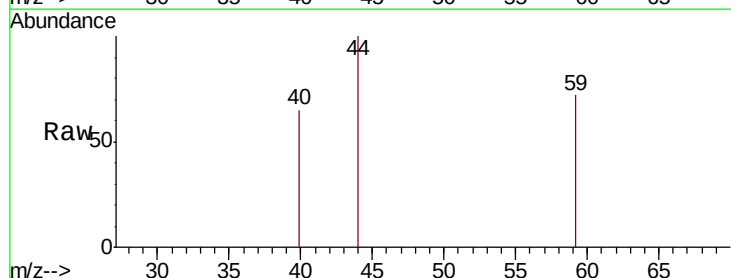
Acq: 29 May 2019 16:14

Tgt Ion: 59 Resp: 299

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

150

100

50

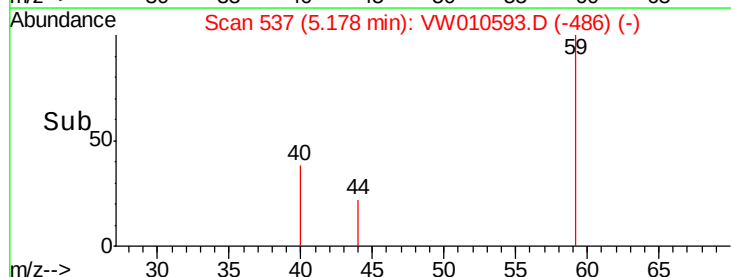
0

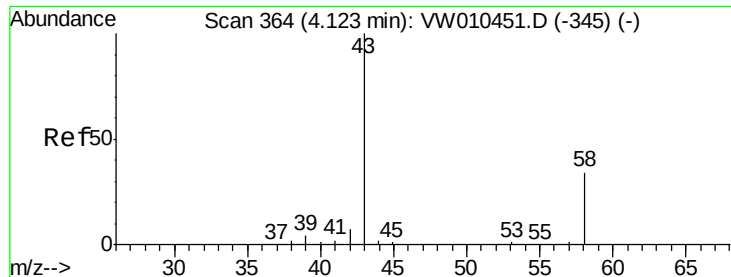
5.10

5.15

5.20

Time-->





#16

Acetone

Concen: 34.126 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010593.D

Acq: 29 May 2019 16:14

Instrument :

MSVOA_W

ClientSampled :

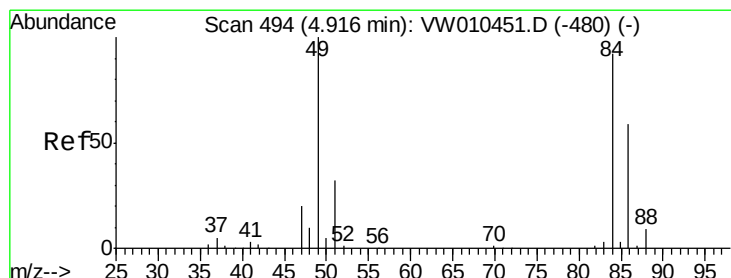
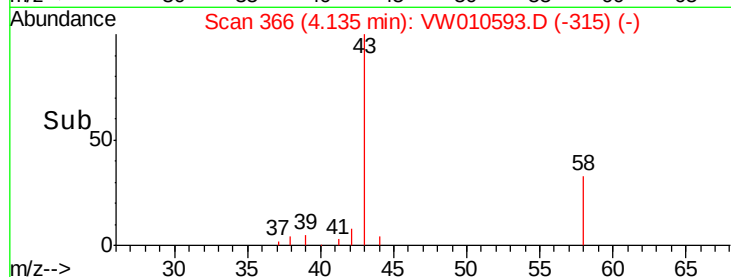
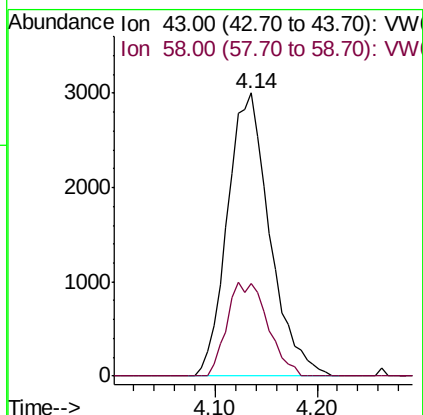
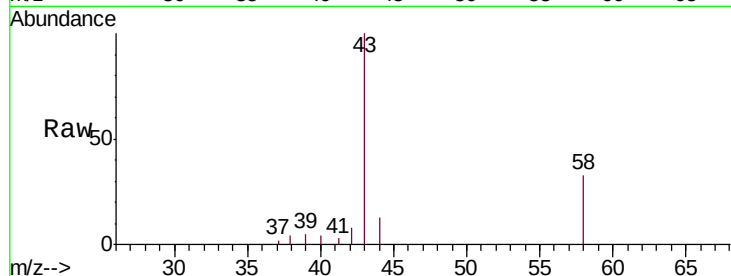
TEST-PIT-4

Tgt Ion: 43 Resp: 8643

Ion Ratio Lower Upper

43 100

58 32.8 27.0 40.4



#20

Methylene Chloride

Concen: 1.581 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010593.D

Acq: 29 May 2019 16:14

Tgt Ion: 84 Resp: 9647

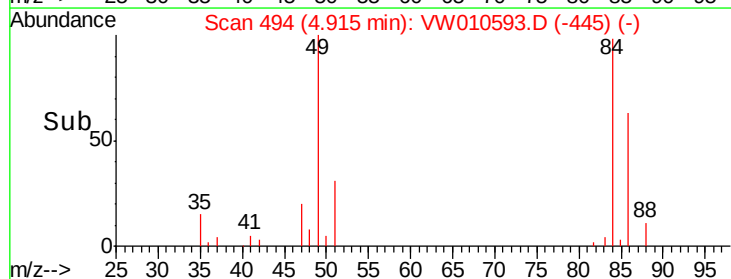
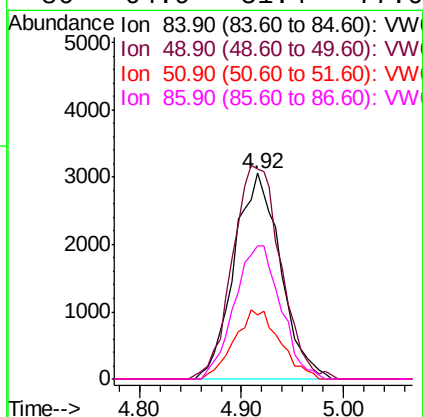
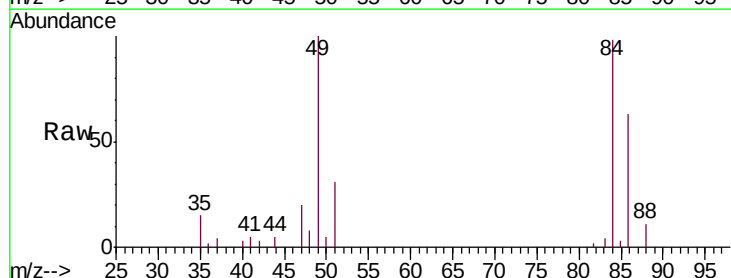
Ion Ratio Lower Upper

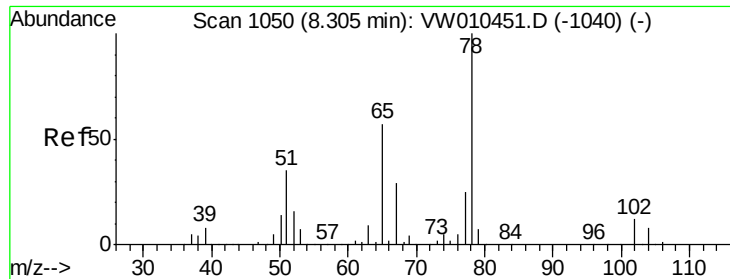
84 100

49 102.3 87.2 130.8

51 31.4 27.7 41.5

86 64.9 51.4 77.0

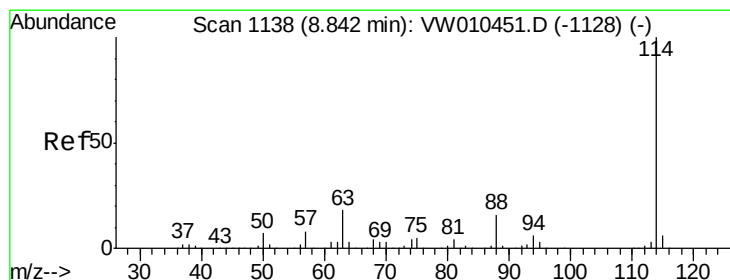
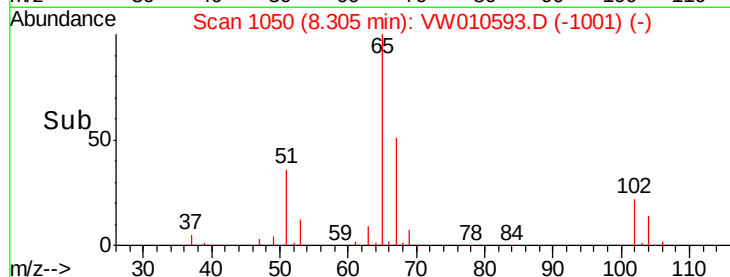
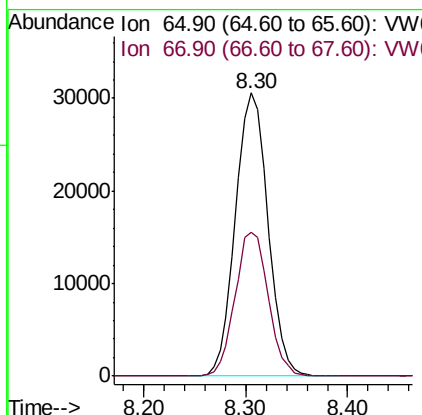
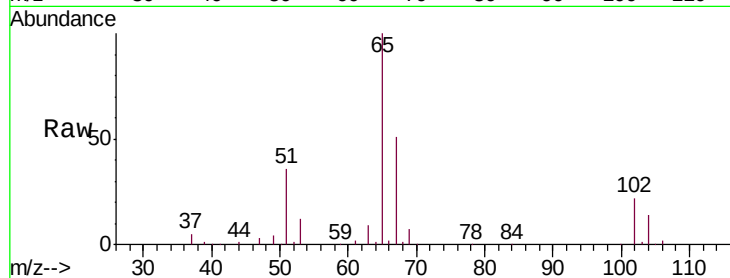




#33
 1,2-Dichloroethane-d4
 Concen: 54.584 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010593.D
 Acq: 29 May 2019 16:14

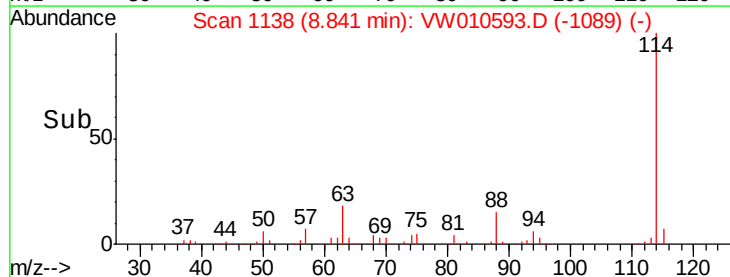
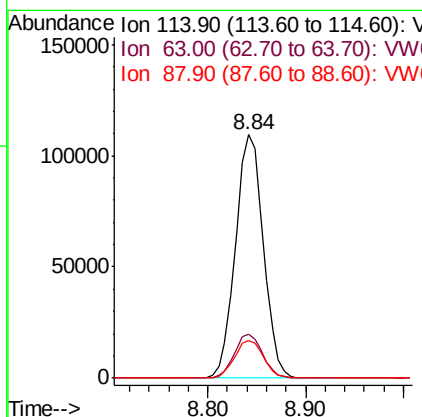
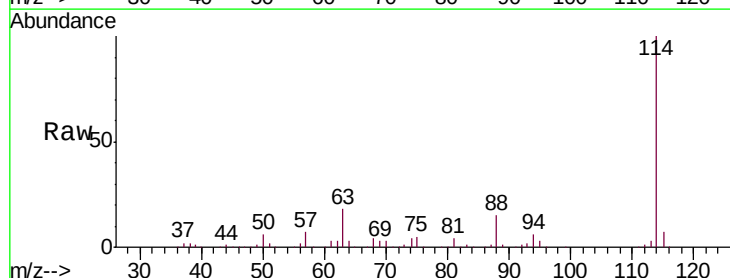
Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-4

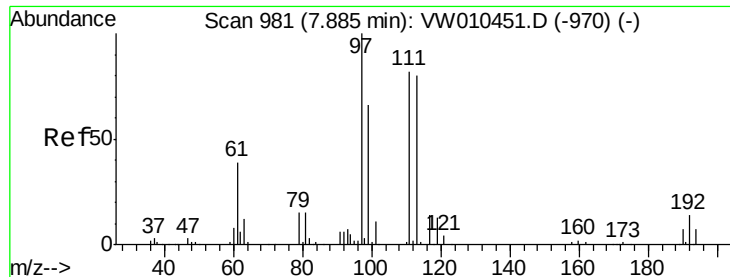
Tgt Ion: 65 Resp: 67726
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010593.D
 Acq: 29 May 2019 16:14

Tgt Ion: 114 Resp: 217005
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.545 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010593.D

Acq: 29 May 2019 16:14

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-4

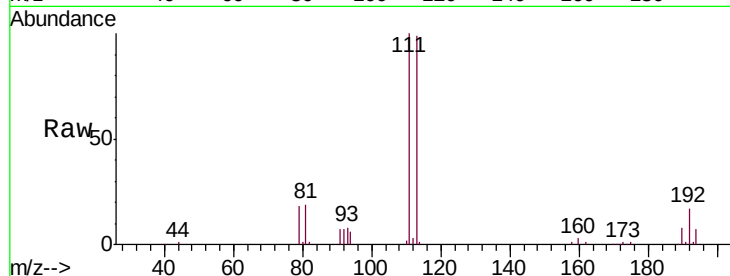
Tgt Ion:113 Resp: 65238

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

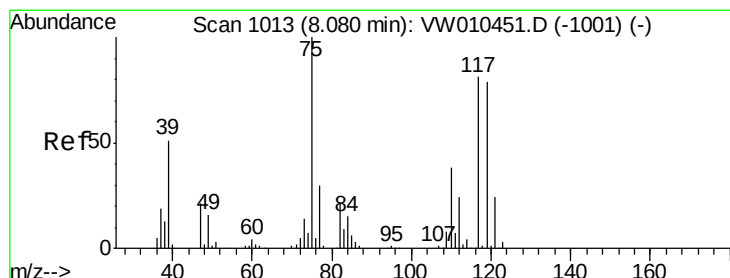
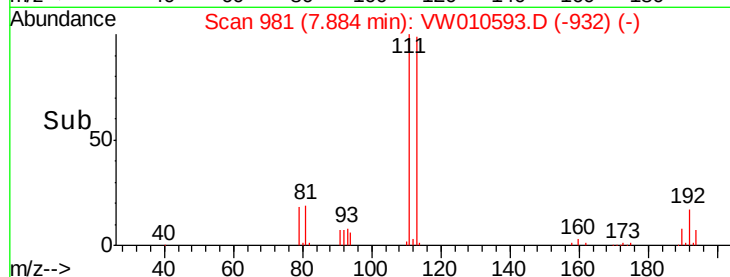
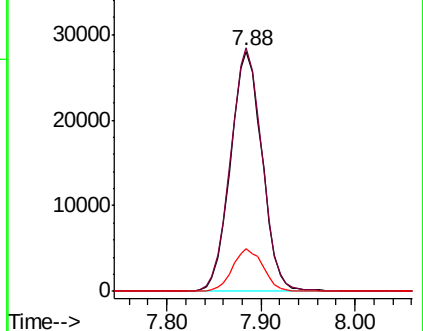
192 17.1 14.3 21.5



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: 4.416 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010593.D

Acq: 29 May 2019 16:14

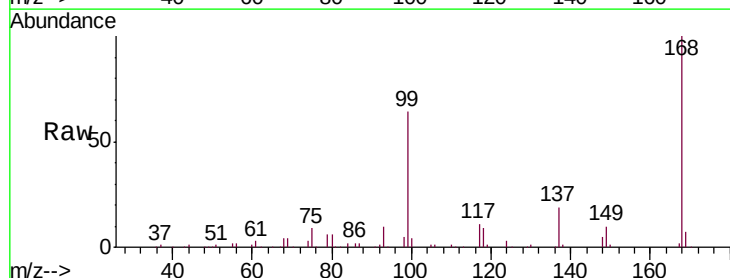
Tgt Ion: 75 Resp: 8926

Ion Ratio Lower Upper

75 100

110 8.9 19.2 57.6#

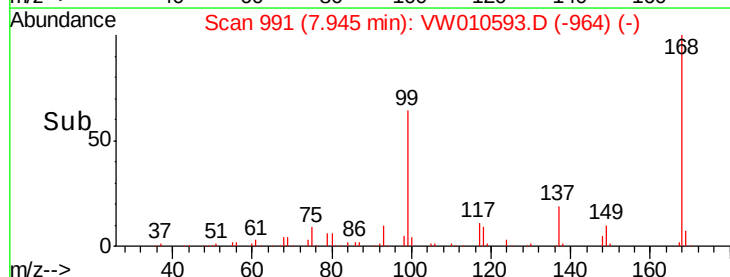
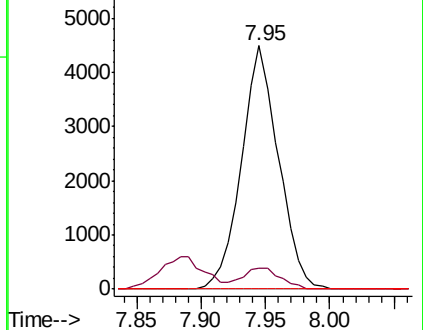
77 0.0 25.2 37.8#

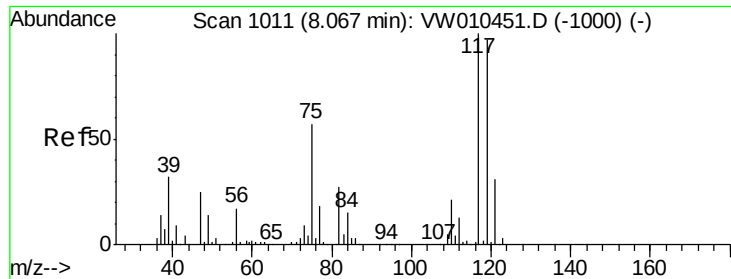


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

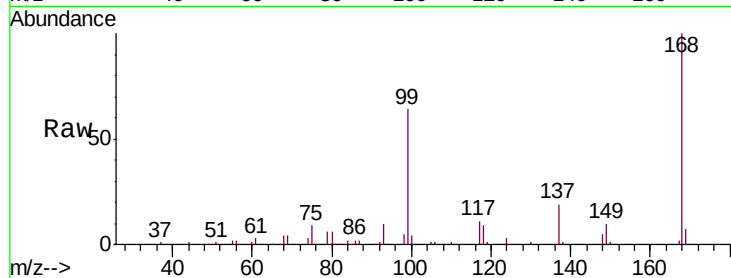




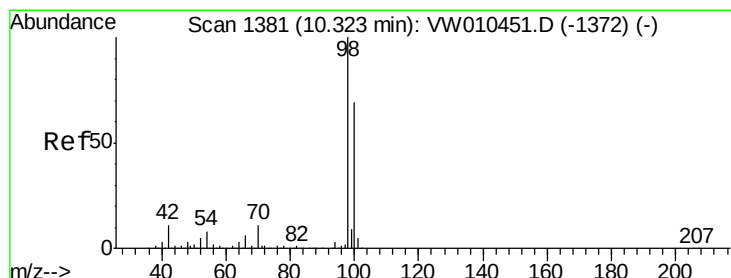
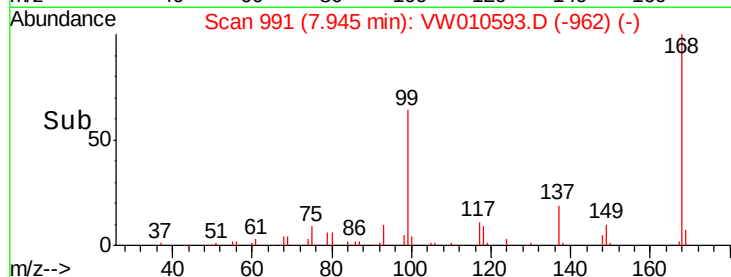
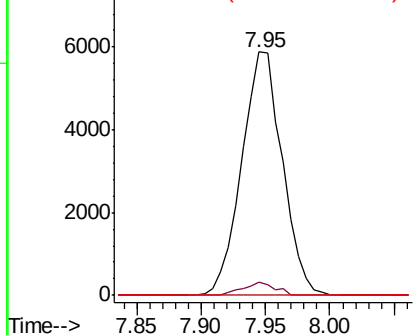
#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010593.D
Acq: 29 May 2019 16:14

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-4

Tgt Ion: 117 Resp: 12806
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 25.0 37.6#

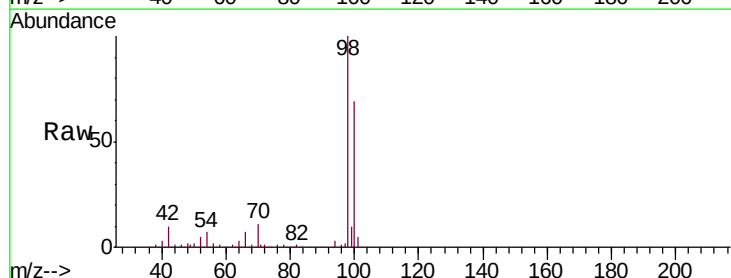


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

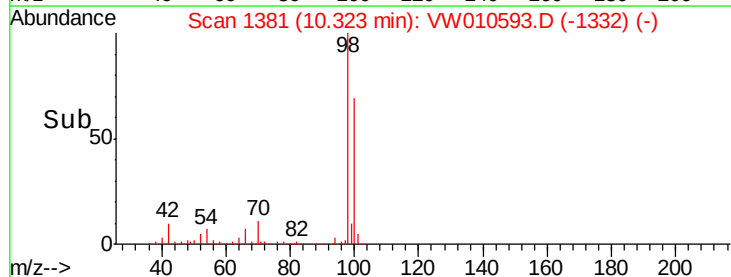
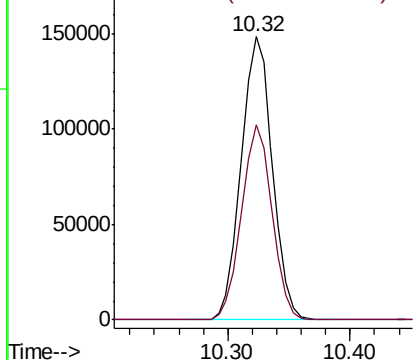


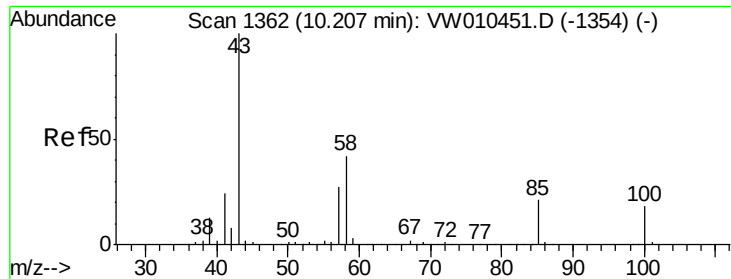
#50
Toluene-d8
Concen: 52.250 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010593.D
Acq: 29 May 2019 16:14

Tgt Ion: 98 Resp: 262831
Ion Ratio Lower Upper
98 100
100 67.7 53.7 80.5



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

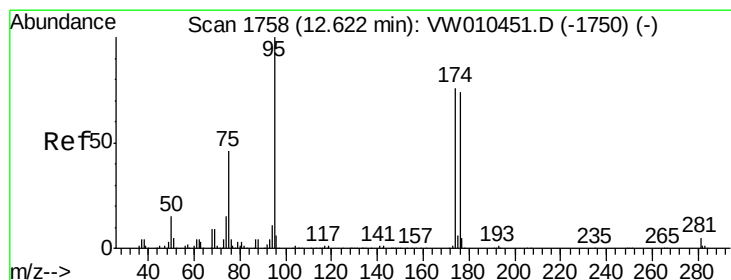
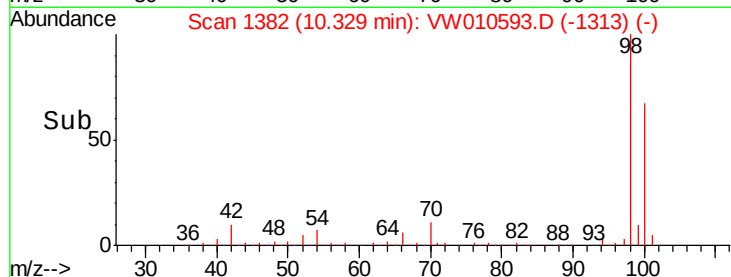
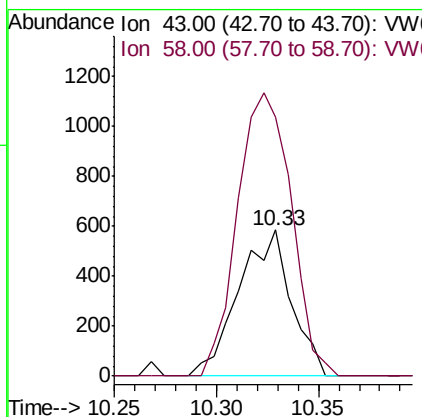
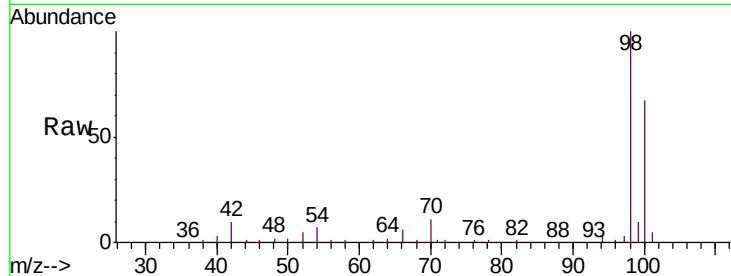




#51
 4-Methyl-2-Pentanone
 Concen: 1.213 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW010593.D
 Acq: 29 May 2019 16:14

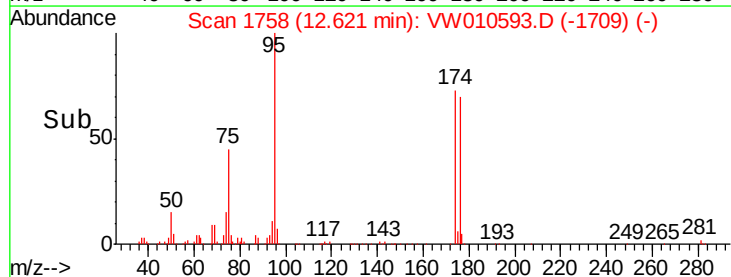
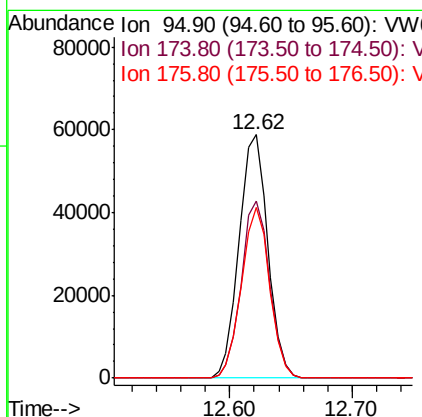
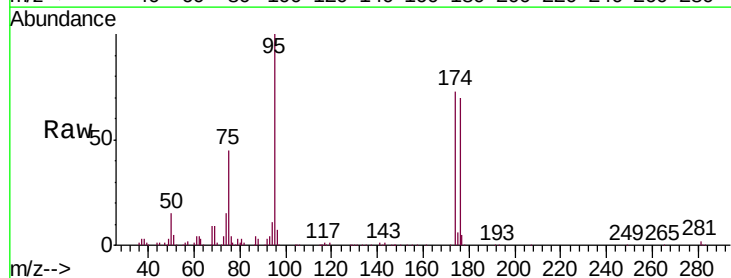
Instrument :
 MSVOA_W
 ClientSampled :
 TEST-PIT-4

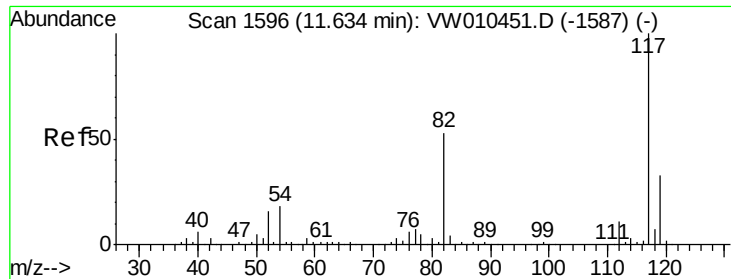
Tgt Ion: 43 Resp: 1056
 Ion Ratio Lower Upper
 43 100
 58 196.8 33.2 49.8#



#62
 4-Bromofluorobenzene
 Concen: 47.809 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010593.D
 Acq: 29 May 2019 16:14

Tgt Ion: 95 Resp: 95791
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 148.6
 176 68.8 0.0 144.2

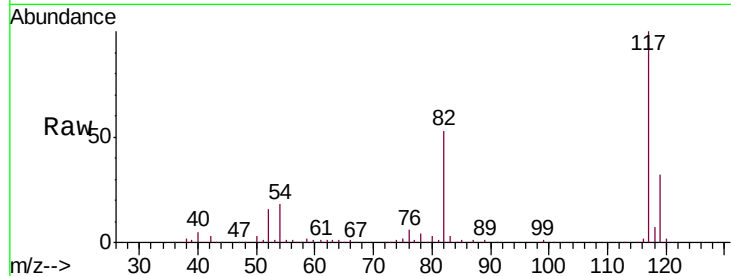




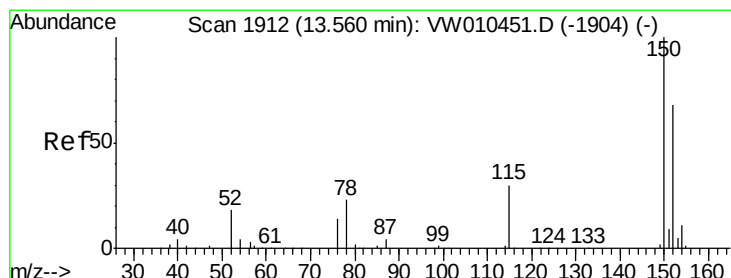
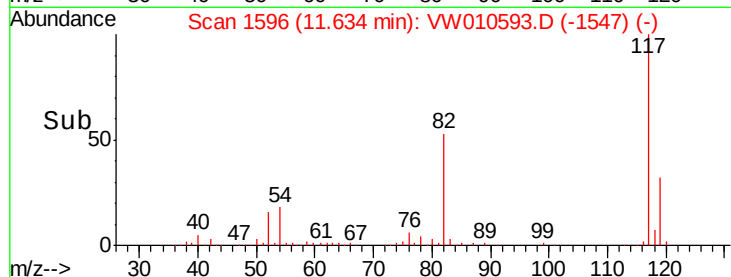
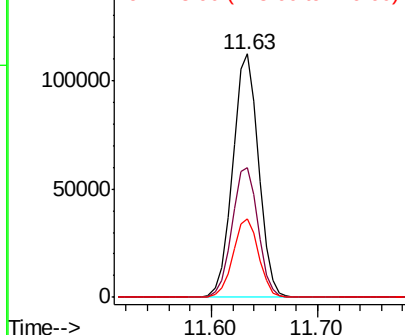
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010593.D
Acq: 29 May 2019 16:14

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-4

Tgt Ion:117 Resp: 190814
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.3 26.3 39.5

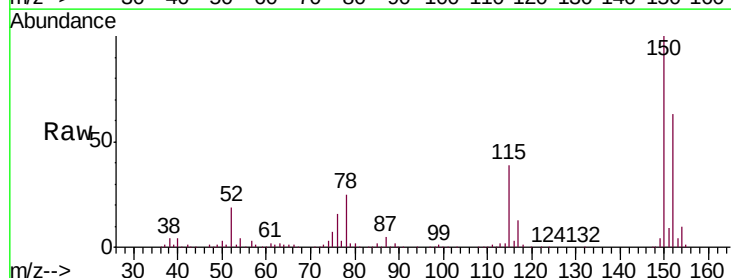


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

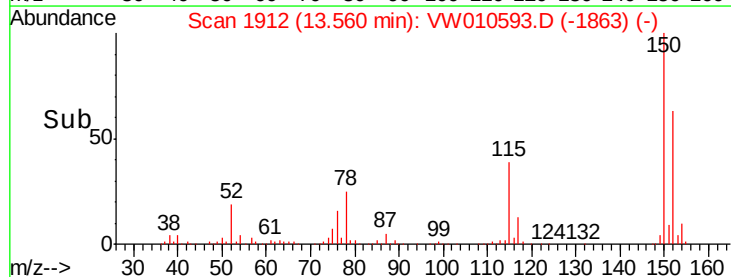
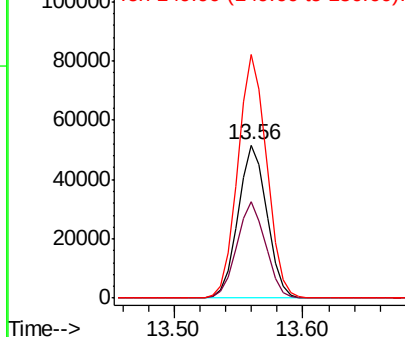


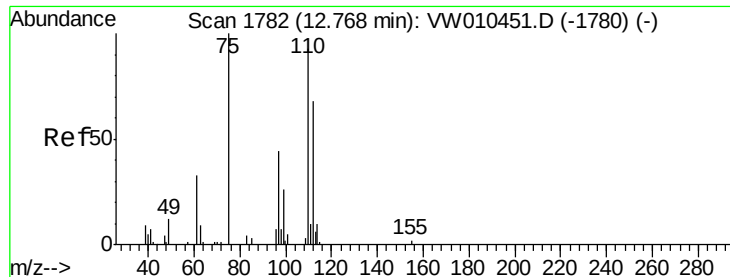
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010593.D
Acq: 29 May 2019 16:14

Tgt Ion:152 Resp: 79805
Ion Ratio Lower Upper
152 100
115 62.7 30.3 91.0
150 159.0 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
100000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.690 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW010593.D

Acq: 29 May 2019 16:14

Instrument :

MSVOA_W

ClientSampleId :

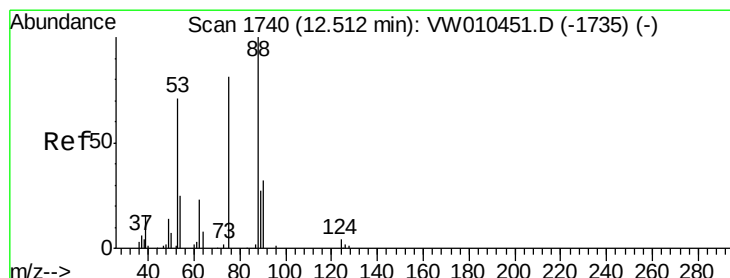
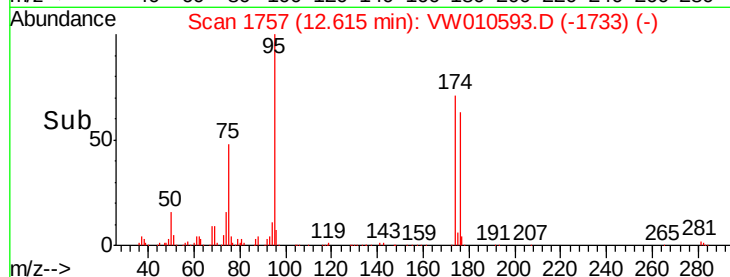
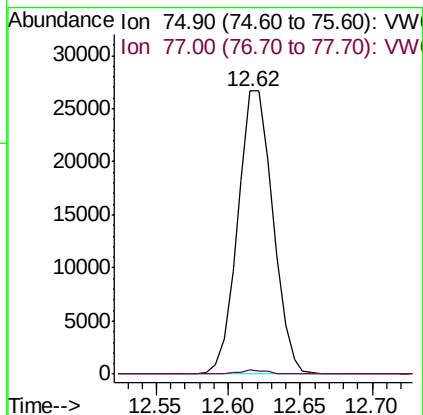
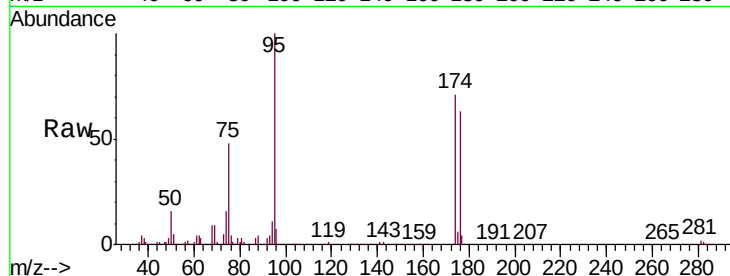
TEST-PIT-4

Tgt Ion: 75 Resp: 45113

Ion Ratio Lower Upper

75 100

77 1.2 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.227 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW010593.D

Acq: 29 May 2019 16:14

Tgt Ion: 75 Resp: 45113

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

