

Data File : VW010590.D
Acq On : 29 May 2019 14:51
Operator : SY/VA
Sample : K3075-01
Misc : 9.81G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-1

Quant Time: May 30 07:13:02 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

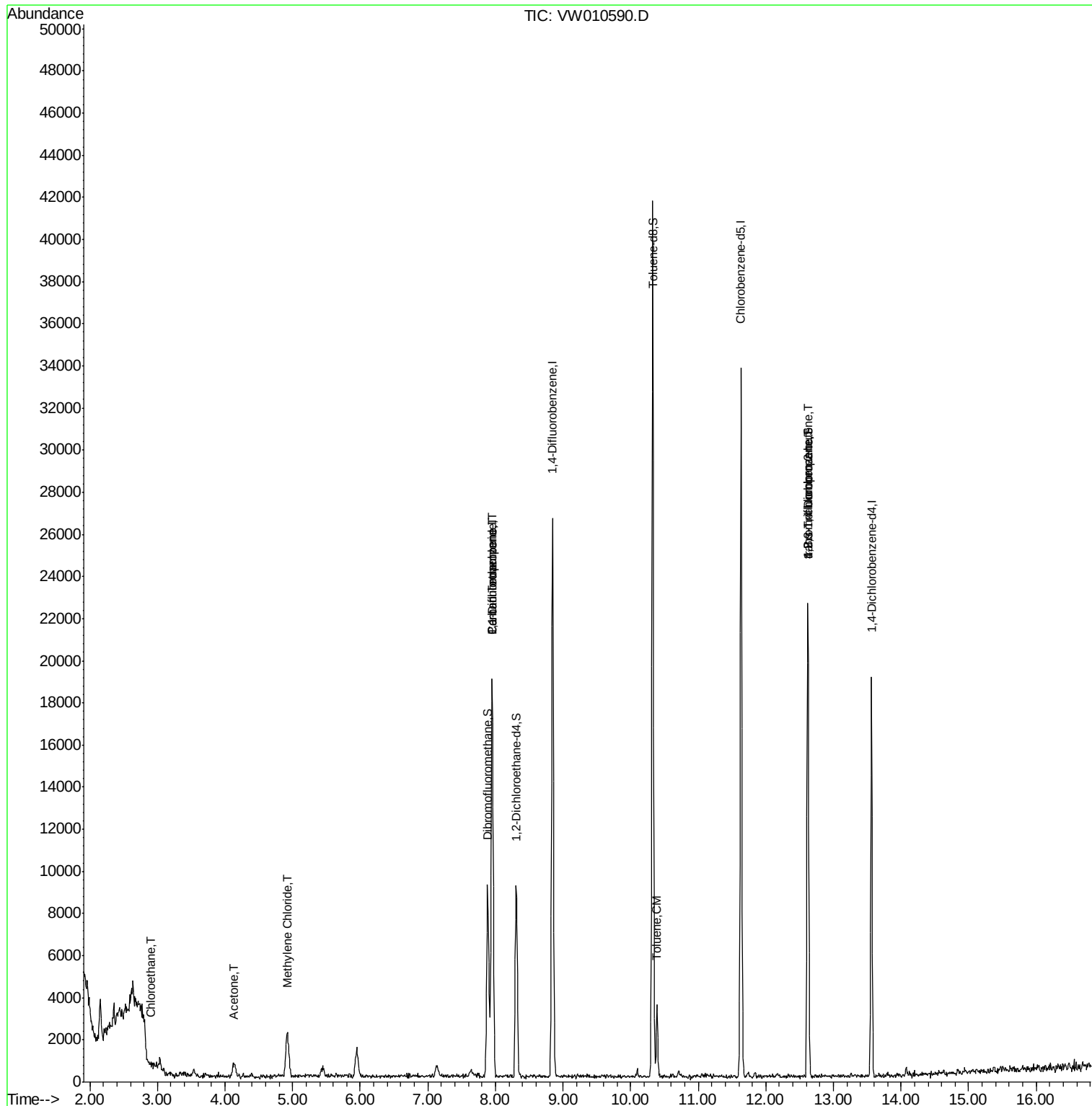
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	14953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	24277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	19949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7227	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.89	113	7062	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.32	98	29522	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	8709	38.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.70%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.91	64	194	1.661	ug/l #	43
16) Acetone	4.14	43	1539	48.850	ug/l	100
20) Methylene Chloride	4.93	84	1813	5.271	ug/l #	80
36) 1,1-Dichloropropene	7.95	75	1071	4.736	ug/l #	40
38) Carbon Tetrachloride	7.95	117	1529	6.267	ug/l #	12
52) Toluene	10.39	92	1561	3.698	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	3901	73.892	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	3901	154.214	ug/l #	14

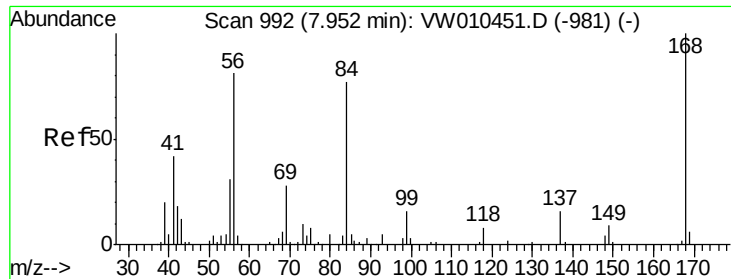
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010590.D

Acq: 29 May 2019 14:51

Instrument :

MSVOA_W

ClientSampled :

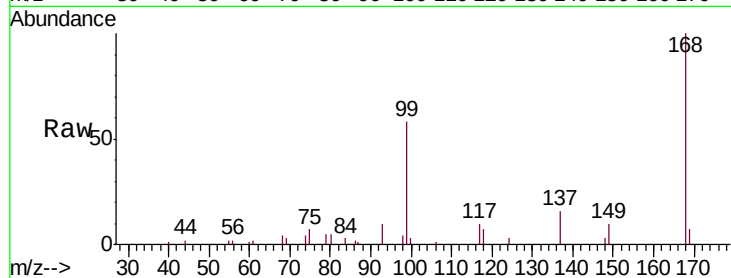
TEST-PIT-1

Tgt Ion:168 Resp: 14953

Ion Ratio Lower Upper

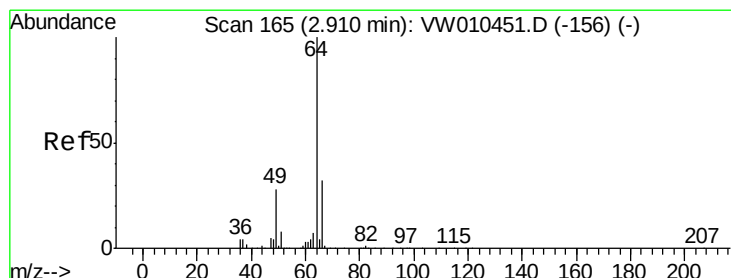
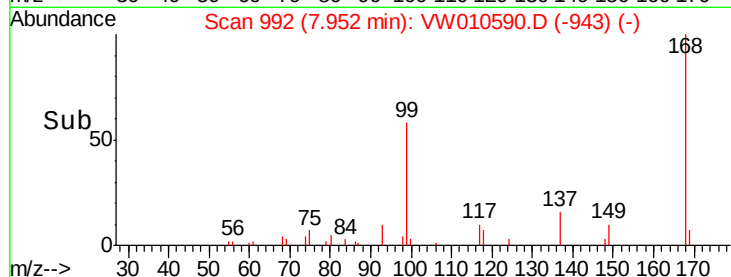
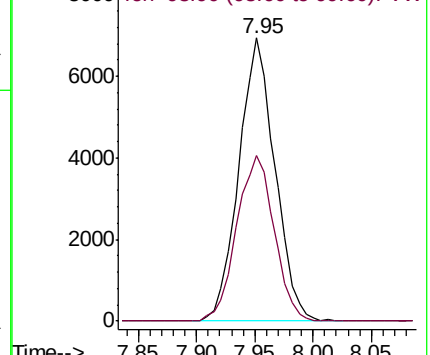
168 100

99 58.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: 1.661 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010590.D

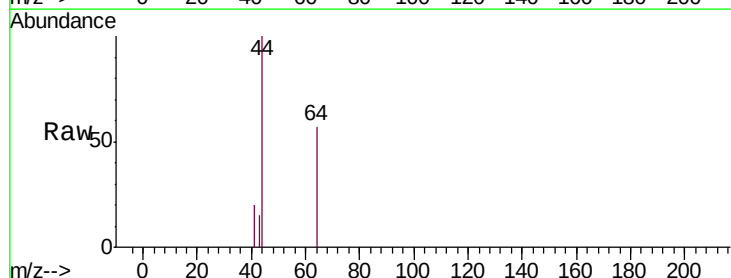
Acq: 29 May 2019 14:51

Tgt Ion: 64 Resp: 194

Ion Ratio Lower Upper

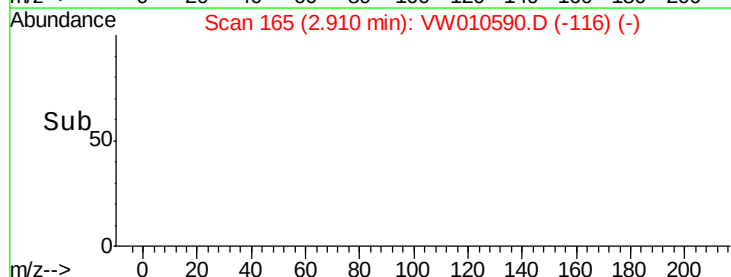
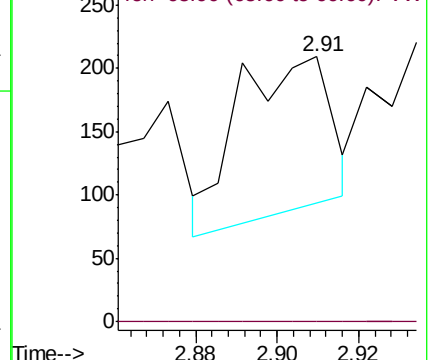
64 100

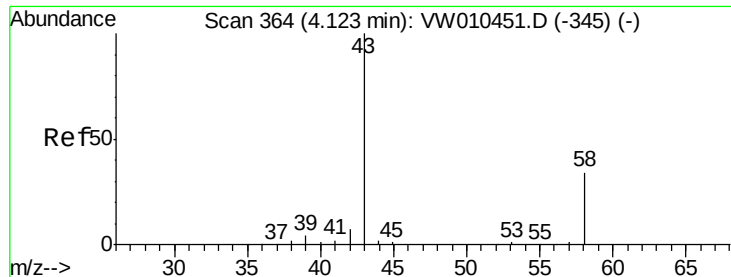
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

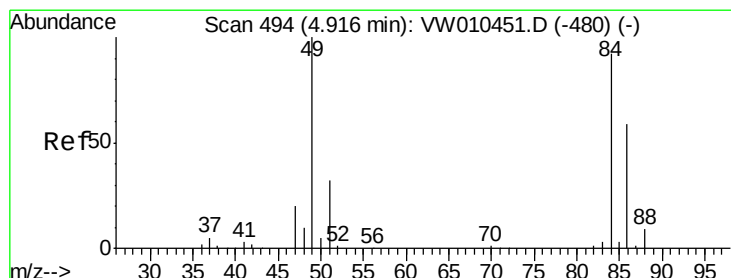
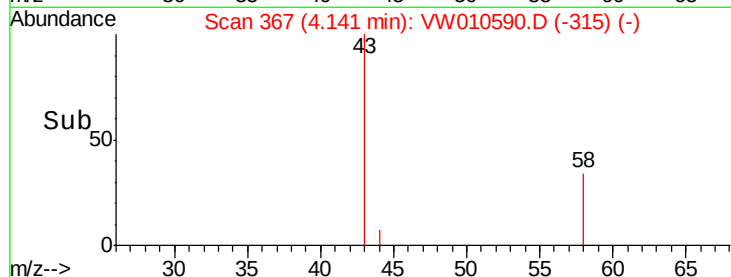
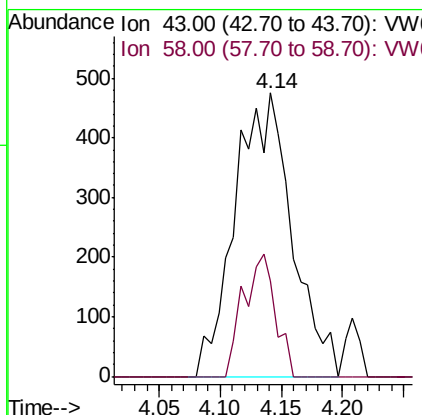
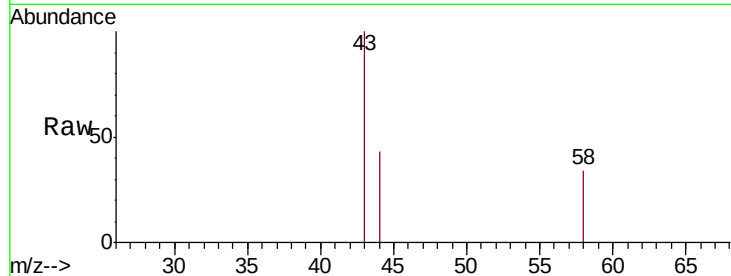




#16
Acetone
Concen: 48.850 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW010590.D
Acq: 29 May 2019 14:51

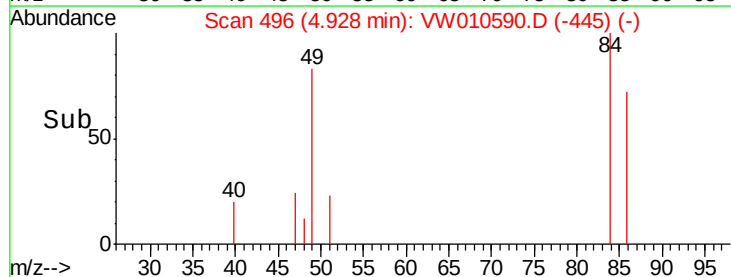
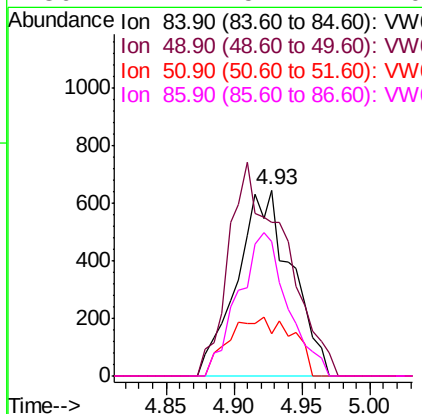
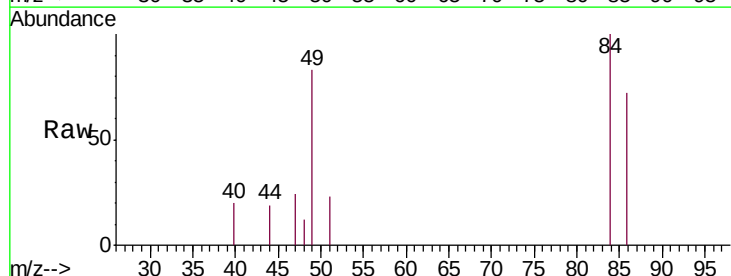
Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-1

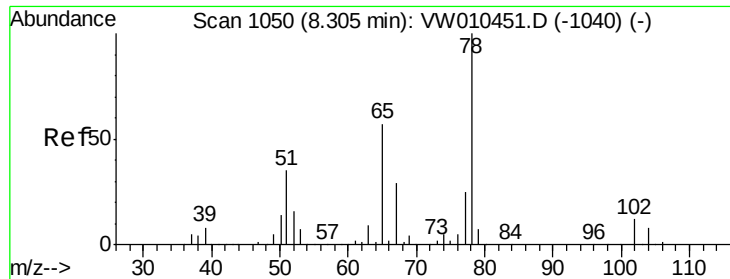
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 33.7 27.0 40.4



#20
Methylene Chloride
Concen: 5.271 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW010590.D
Acq: 29 May 2019 14:51

Tgt Ion: 84 Resp: 1813
Ion Ratio Lower Upper
84 100
49 82.8 87.2 130.8#
51 22.9 27.7 41.5#
86 72.2 51.4 77.0

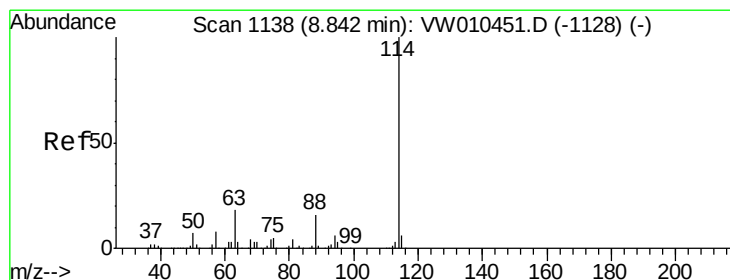
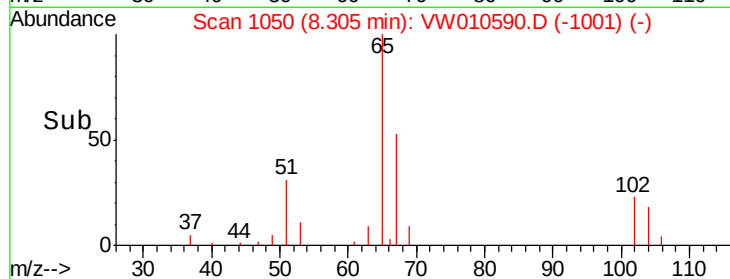
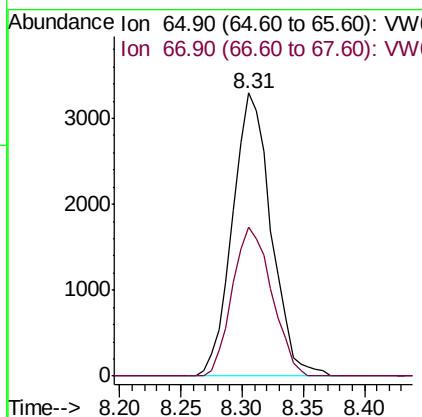
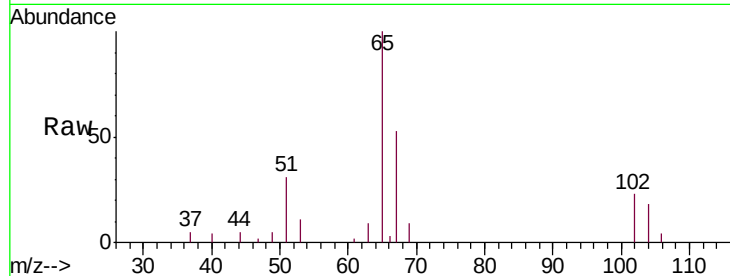




#33
 1,2-Dichloroethane-d4
 Concen: 46.825 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010590.D
 Acq: 29 May 2019 14:51

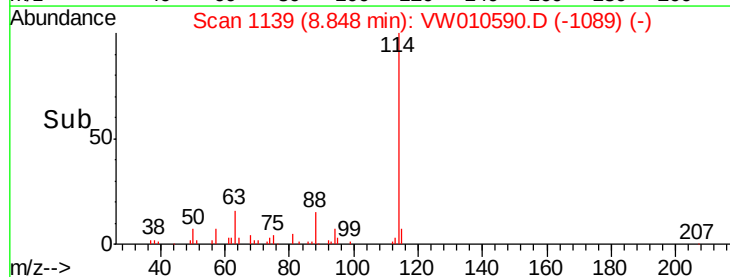
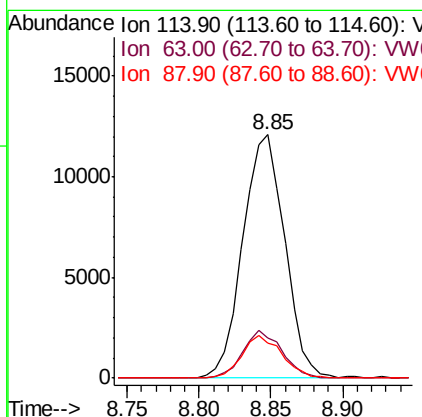
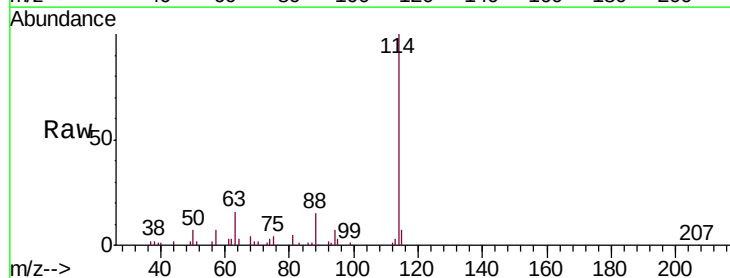
Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-1

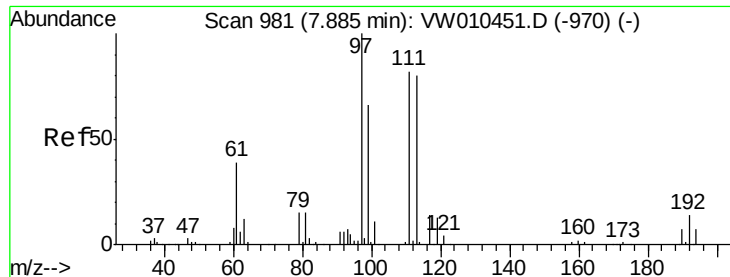
Tgt Ion: 65 Resp: 7227
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010590.D
 Acq: 29 May 2019 14:51

Tgt Ion: 114 Resp: 24277
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 36.0
 88 14.5 0.0 32.0

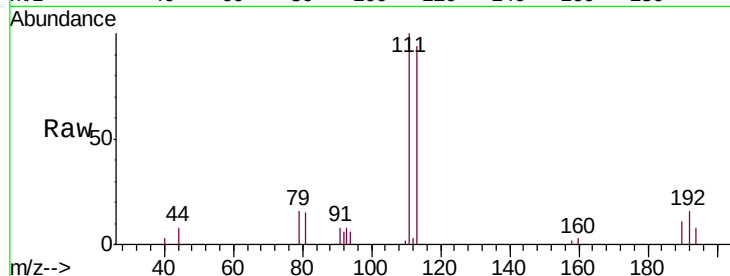




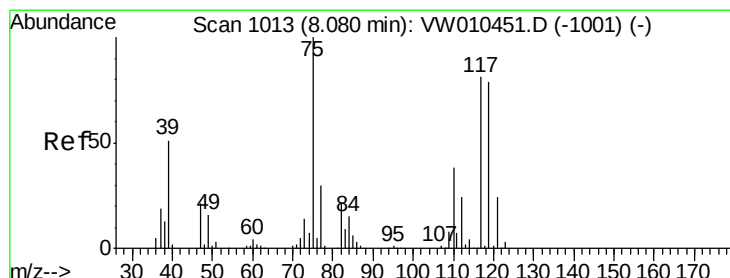
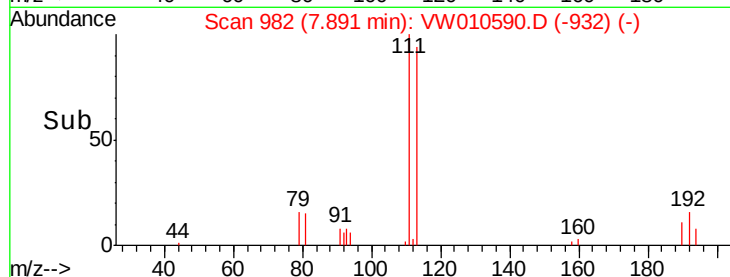
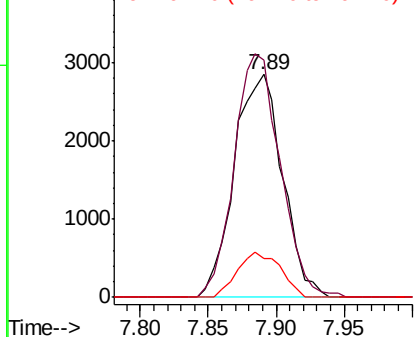
#35
 Dibromofluoromethane
 Concen: 47.940 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW010590.D
 Acq: 29 May 2019 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 TEST-PIT-1

Tgt Ion:113 Resp: 7062
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 18.1 14.3 21.5

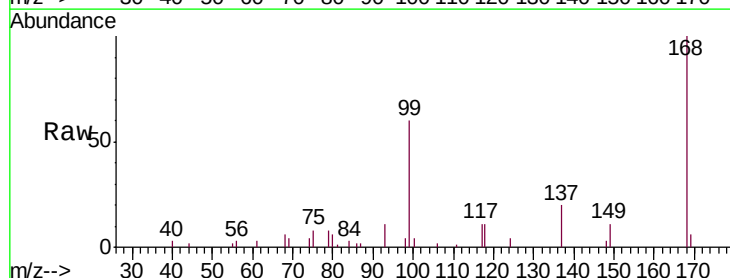


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

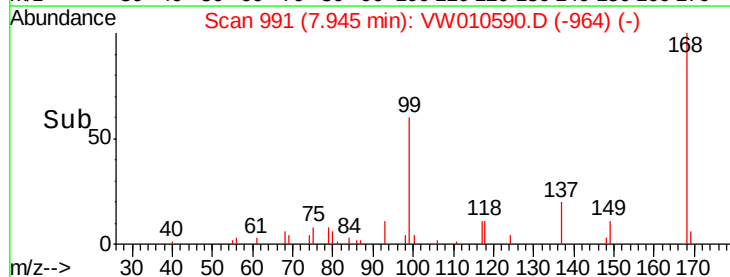
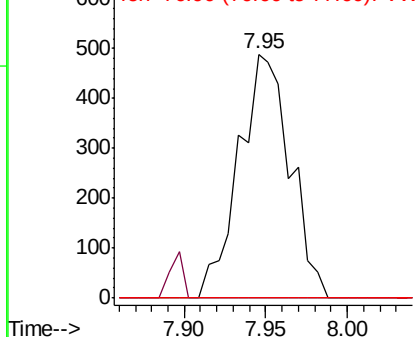


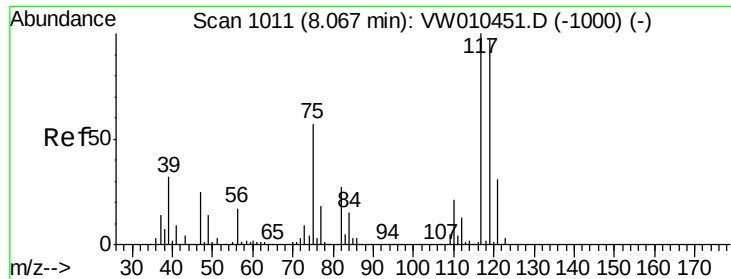
#36
 1,1-Dichloropropene
 Concen: 4.736 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010590.D
 Acq: 29 May 2019 14:51

Tgt Ion: 75 Resp: 1071
 Ion Ratio Lower Upper
 75 100
 110 0.0 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: 6.267 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010590.D

Acq: 29 May 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

TEST-PIT-1

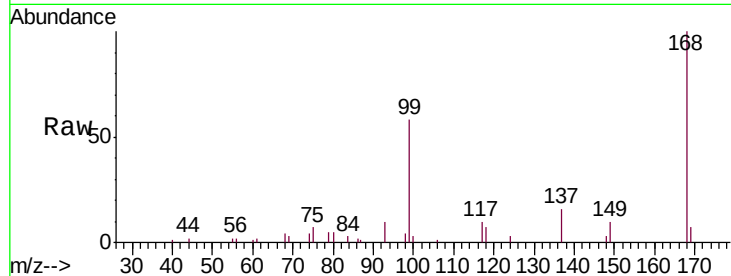
Tgt Ion:117 Resp: 1529

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

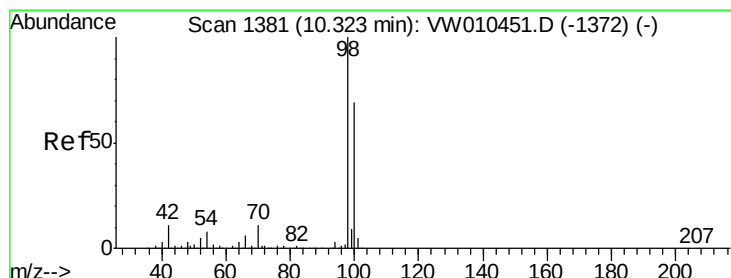
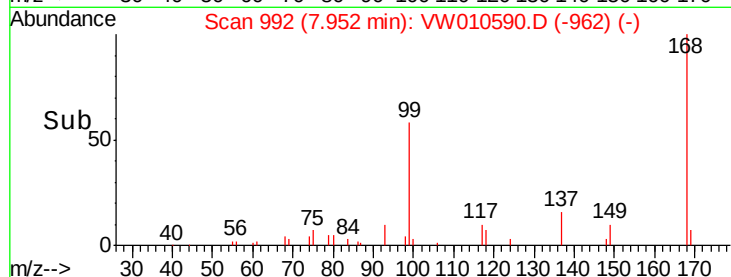
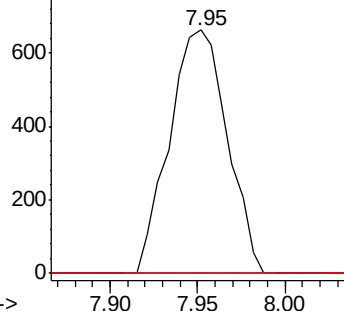
121 0.0 25.0 37.6#



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: 52.460 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010590.D

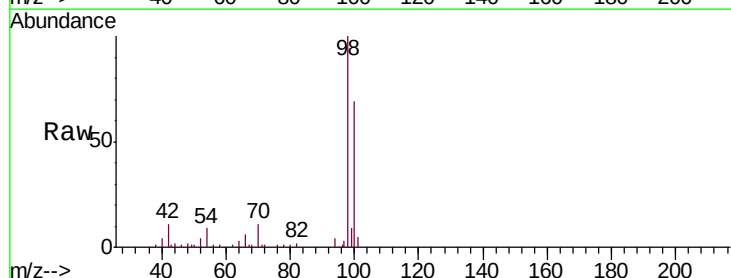
Acq: 29 May 2019 14:51

Tgt Ion: 98 Resp: 29522

Ion Ratio Lower Upper

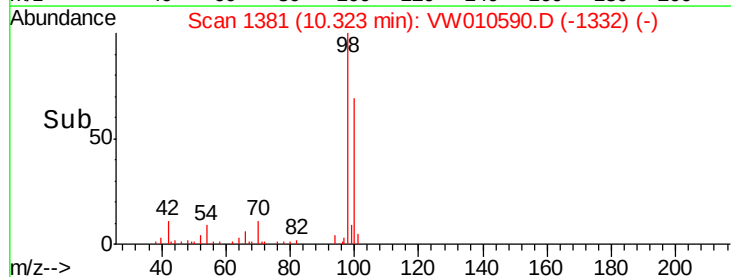
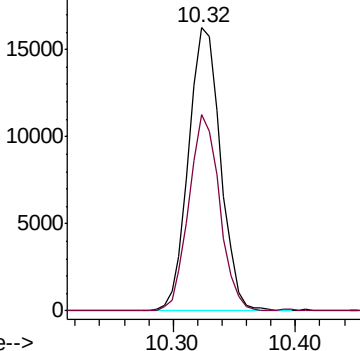
98 100

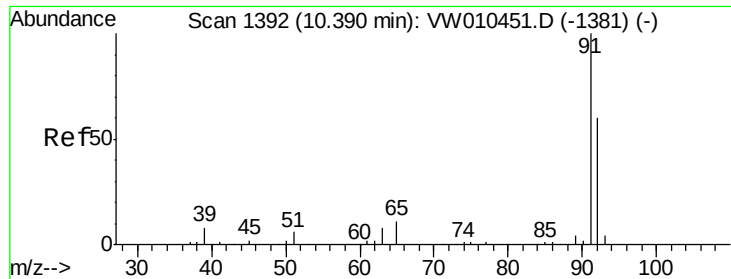
100 66.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.698 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010590.D

Acq: 29 May 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

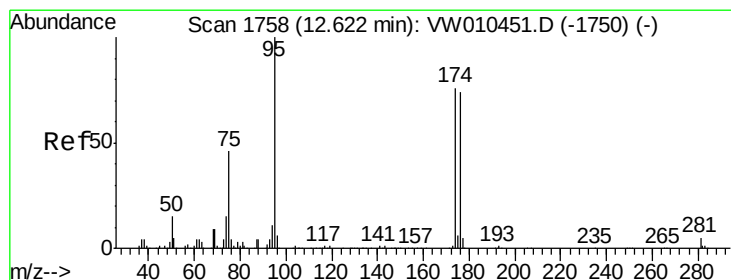
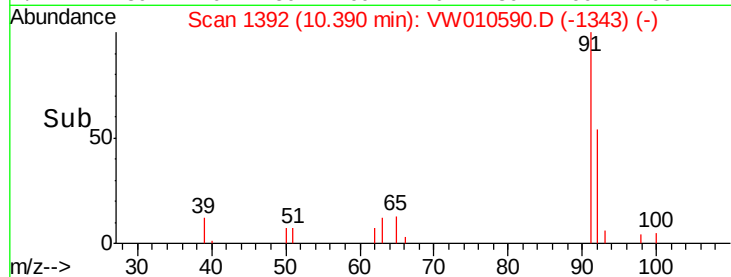
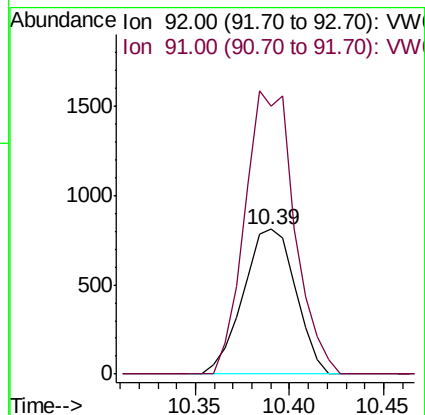
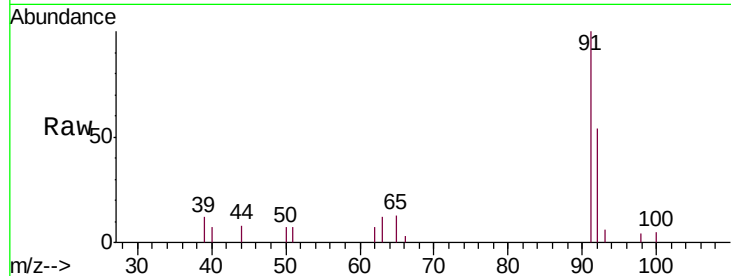
TEST-PIT-1

Tgt Ion: 92 Resp: 1561

Ion Ratio Lower Upper

92 100

91 185.2 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 38.853 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010590.D

Acq: 29 May 2019 14:51

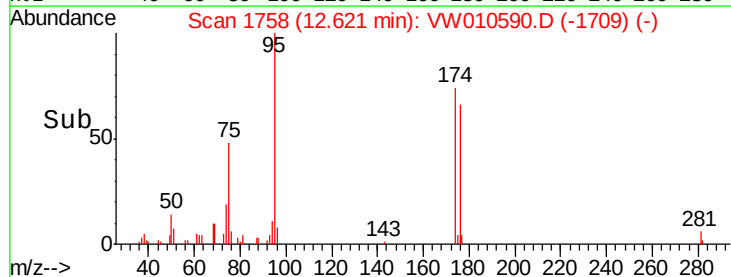
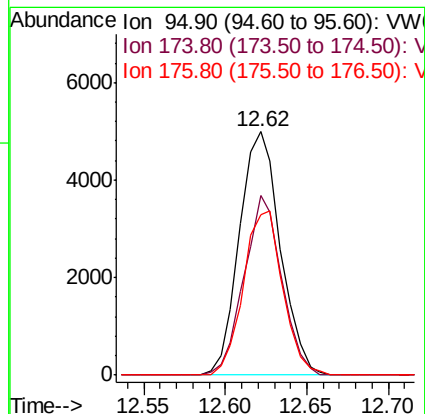
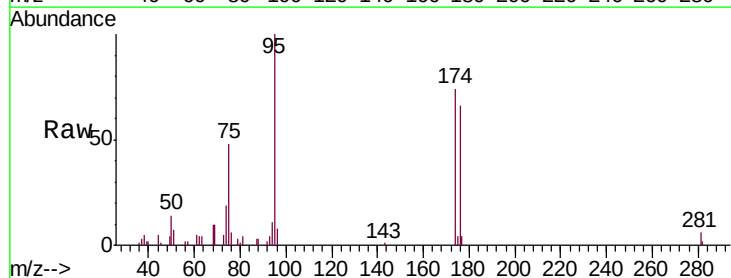
Tgt Ion: 95 Resp: 8709

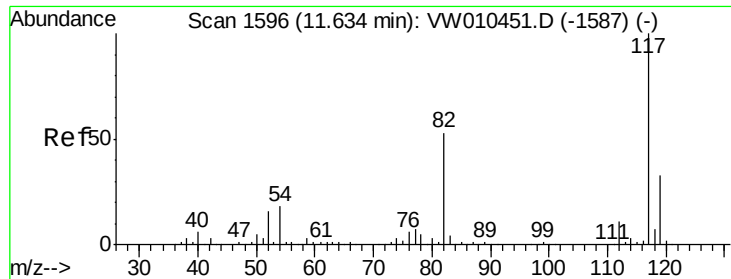
Ion Ratio Lower Upper

95 100

174 67.8 0.0 148.6

176 64.7 0.0 144.2

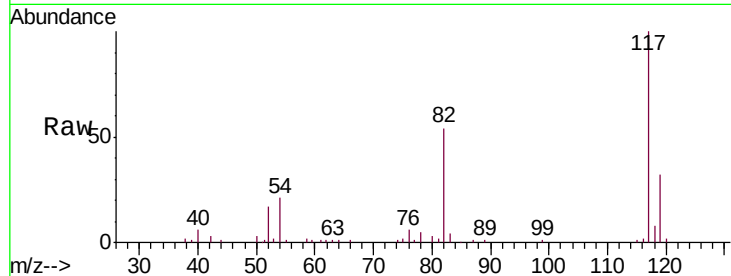




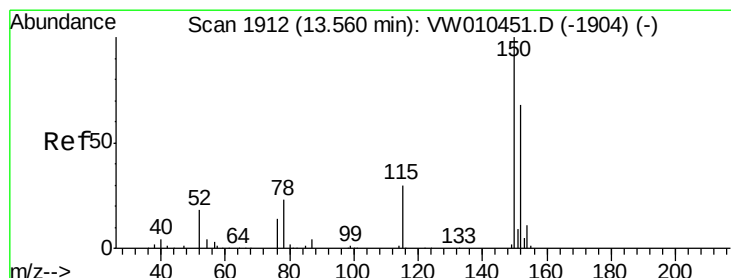
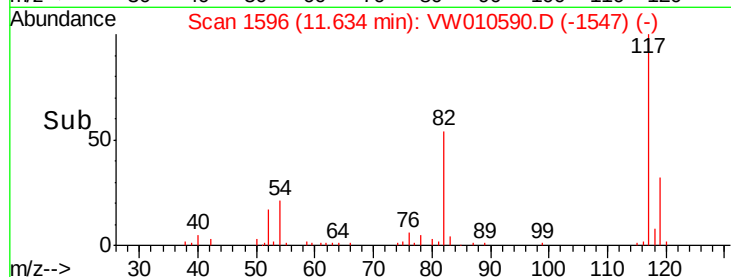
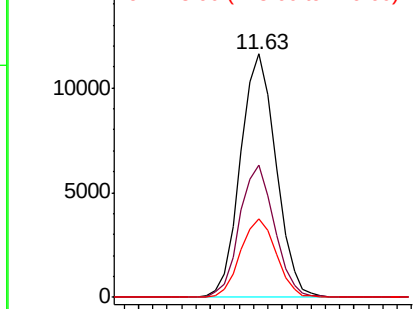
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010590.D
Acq: 29 May 2019 14:51

Instrument :
MSVOA_W
ClientSampleId :
TEST-PIT-1

Tgt Ion:117 Resp: 19949
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 32.2 26.3 39.5

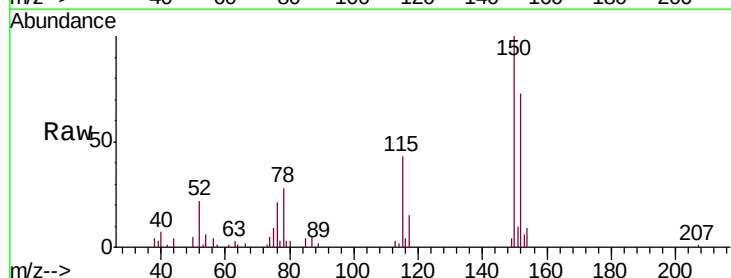


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

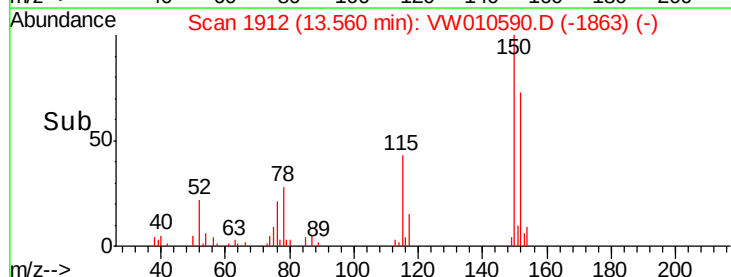
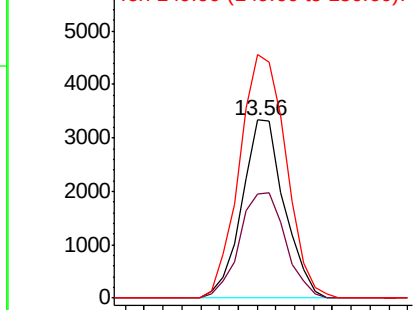


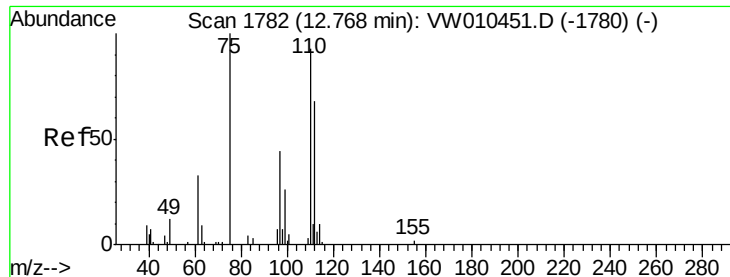
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010590.D
Acq: 29 May 2019 14:51

Tgt Ion:152 Resp: 5201
Ion Ratio Lower Upper
152 100
115 64.2 30.3 91.0
150 150.4 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: 73.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010590.D

Acq: 29 May 2019 14:51

Instrument :

MSVOA_W

ClientSampleId :

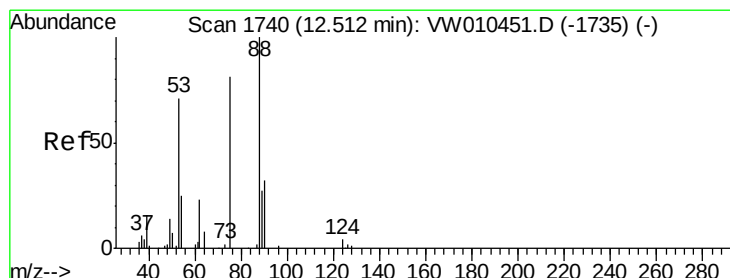
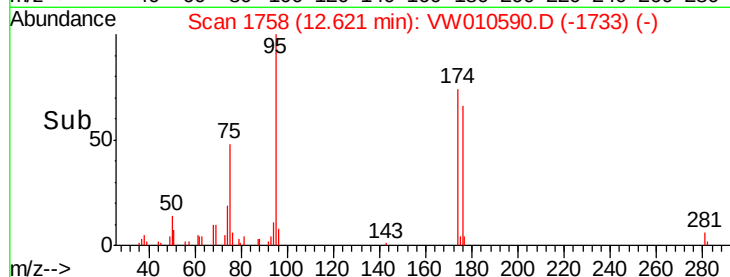
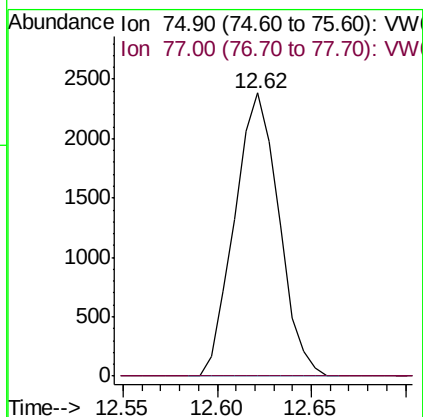
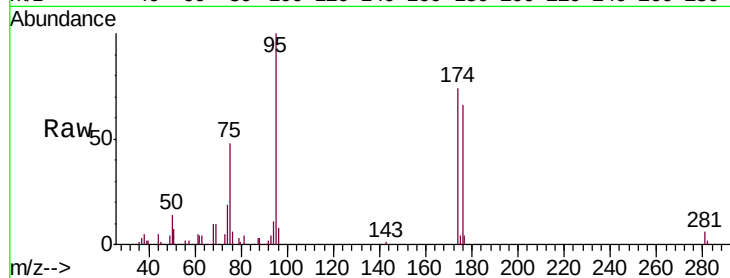
TEST-PIT-1

Tgt Ion: 75 Resp: 3901

Ion Ratio Lower Upper

75 100

77 0.0 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.214 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010590.D

Acq: 29 May 2019 14:51

Tgt Ion: 75 Resp: 3901

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

