

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006619.D
 Acq On : 02 Nov 2018 23:01
 Operator : SY/AP
 Sample : J5741-55
 Misc : 6.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14

Quant Time: Nov 03 00:28:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

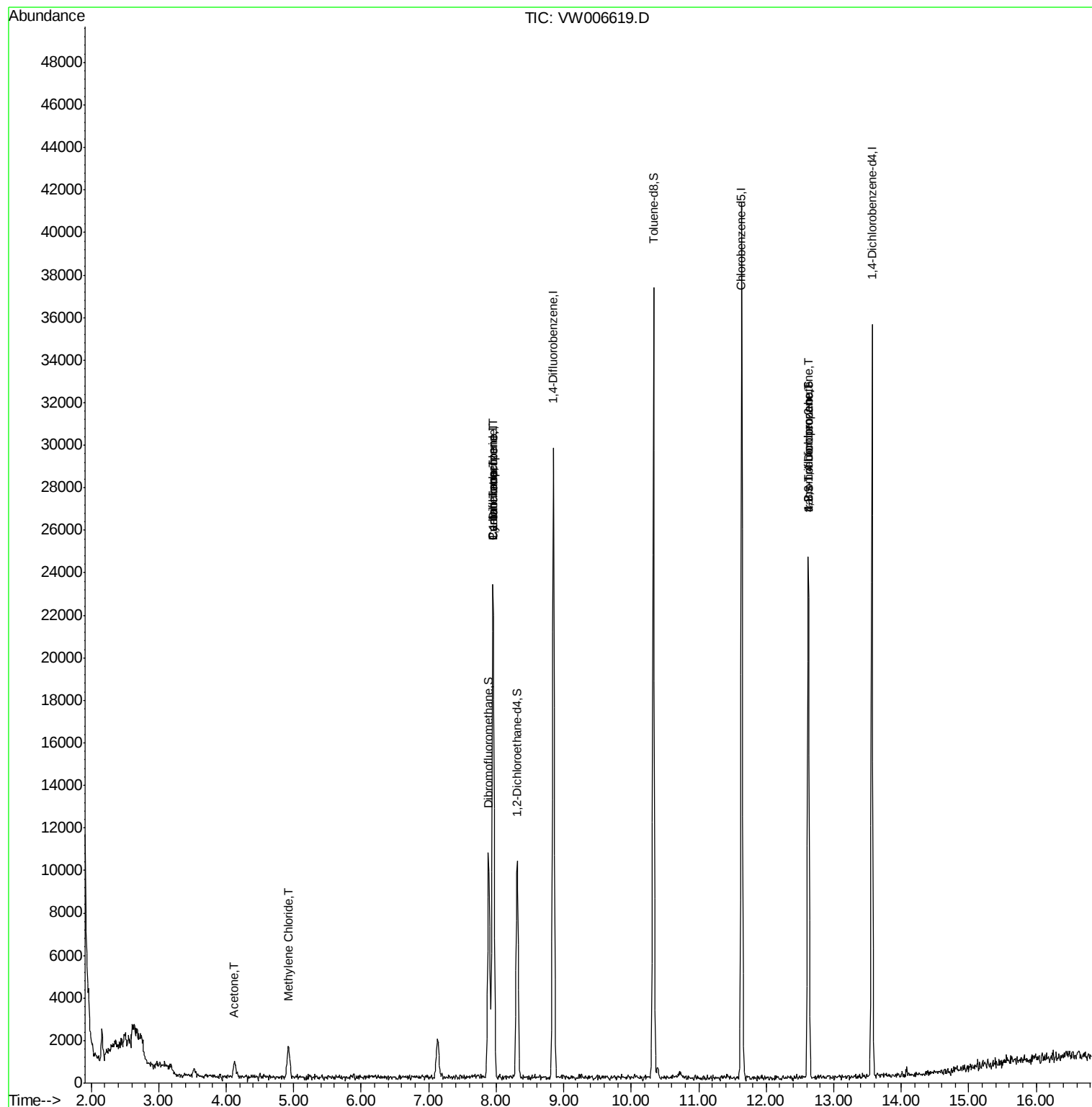
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	27106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7977	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	7.89	113	7669	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
50) Toluene-d8	10.33	98	25884	39.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.94%	
62) 4-Bromofluorobenzene	12.62	95	7746	32.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.98%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1452	52.465	ug/l	99
20) Methylene Chloride	4.92	84	1321	1.581	ug/l #	82
31) Cyclohexane	7.95	56	330	1.209	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	1274	5.345	ug/l #	46
38) Carbon Tetrachloride	7.96	117	1678	6.737	ug/l #	12
76) 1,2,3-Trichloropropane	12.62	75	3972	47.981	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	3972	120.306	ug/l #	11

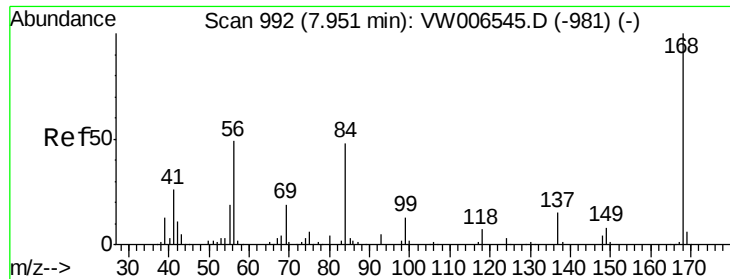
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006619.D

Acq: 02 Nov 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

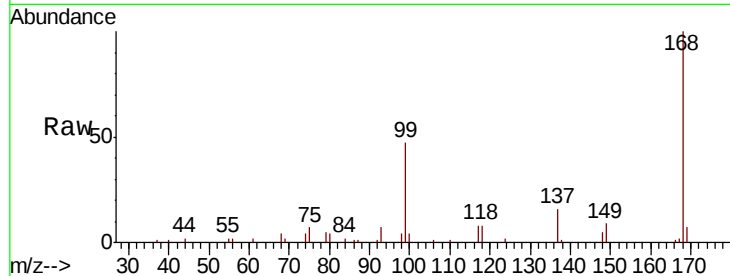
TP-14

Tgt Ion:168 Resp: 19942

Ion Ratio Lower Upper

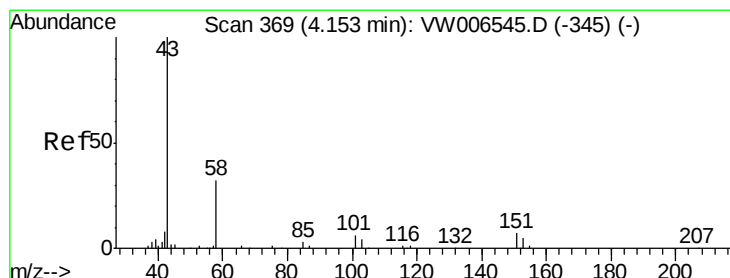
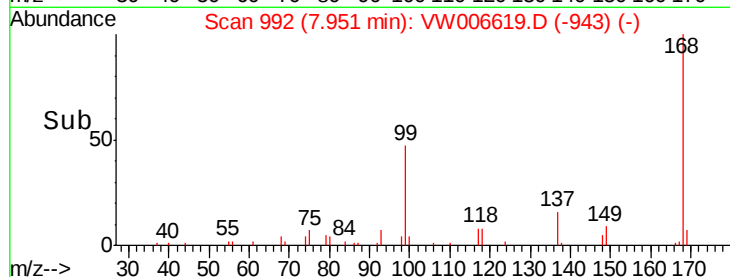
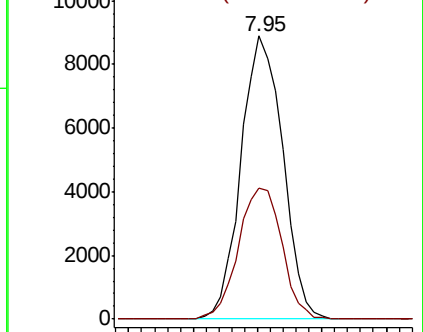
168 100

99 46.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 52.465 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006619.D

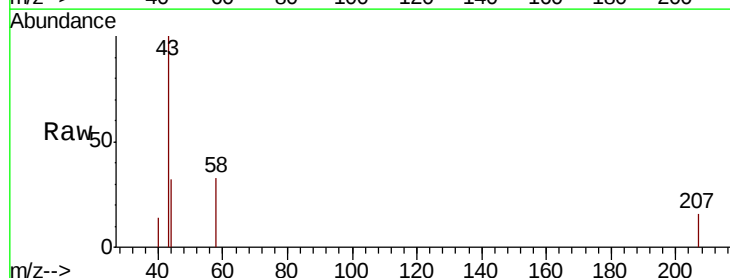
Acq: 02 Nov 2018 23:01

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

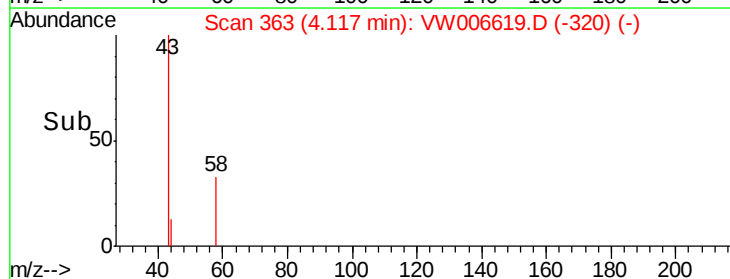
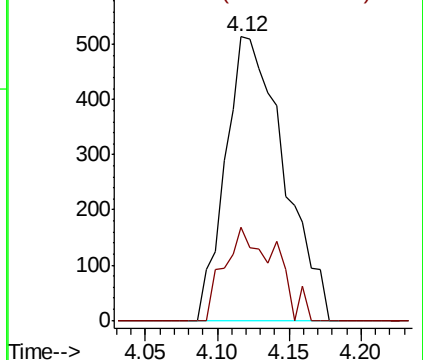
43 100

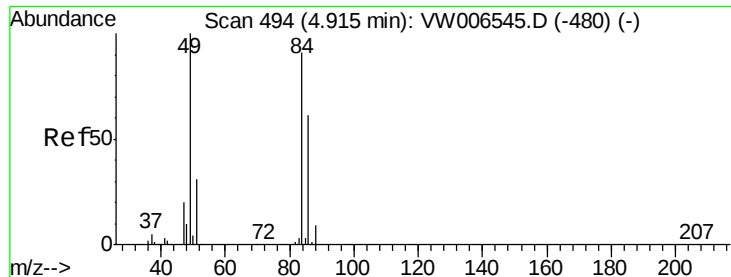
58 32.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

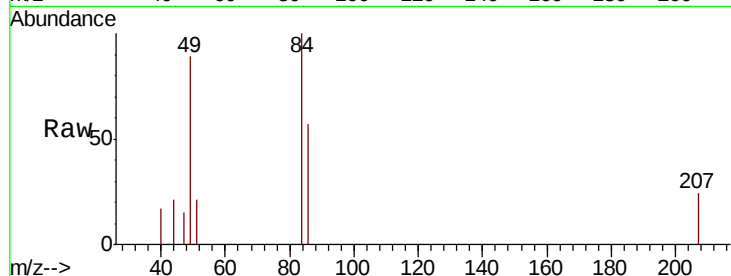




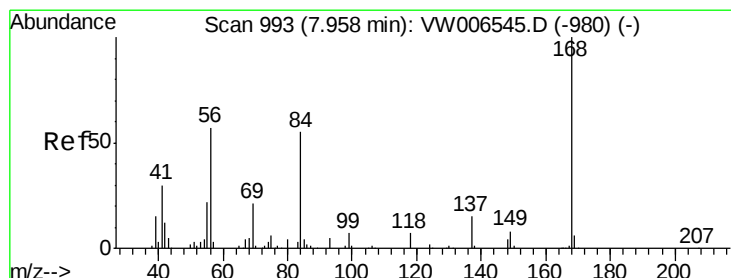
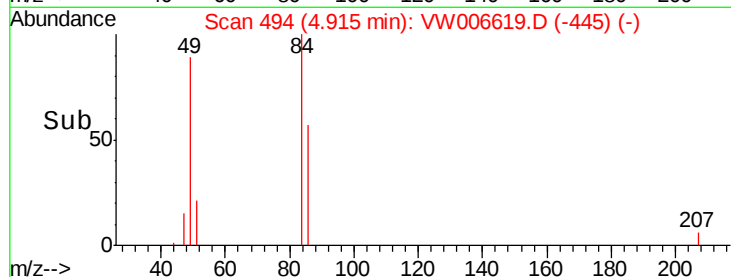
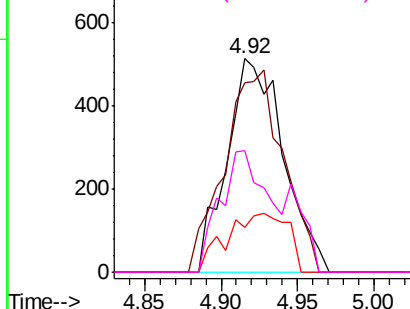
#20
Methylene Chloride
Concen: 1.581 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006619.D
Acq: 02 Nov 2018 23:01

Instrument :
MSVOA_W
ClientSampleId :
TP-14

Tgt Ion: 84 Resp: 1321
Ion Ratio Lower Upper
84 100
49 88.7 88.2 132.4
51 20.9 27.0 40.6#
86 56.7 53.8 80.8

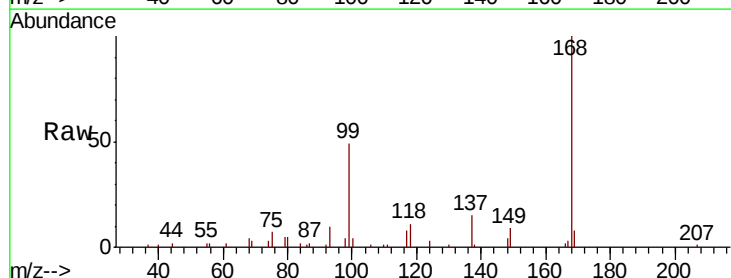


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

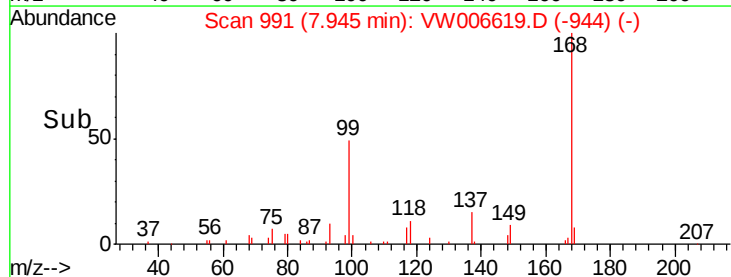
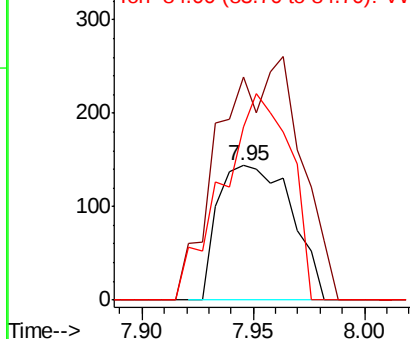


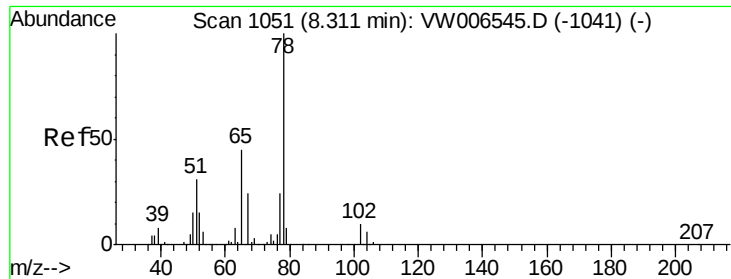
#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006619.D
Acq: 02 Nov 2018 23:01

Tgt Ion: 56 Resp: 330
Ion Ratio Lower Upper
56 100
69 166.0 29.0 43.4#
84 129.2 77.8 116.6#



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

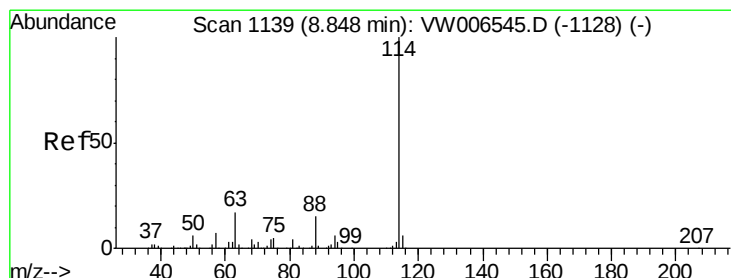
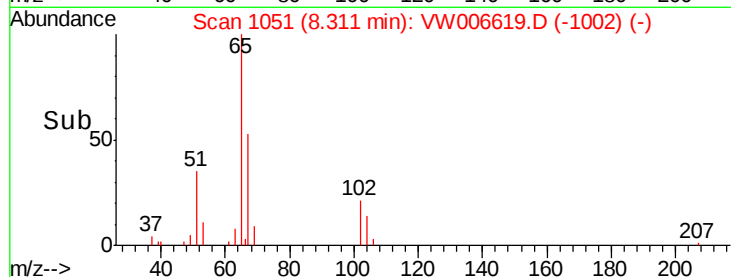
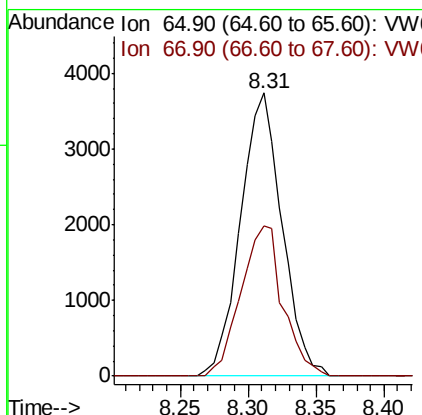
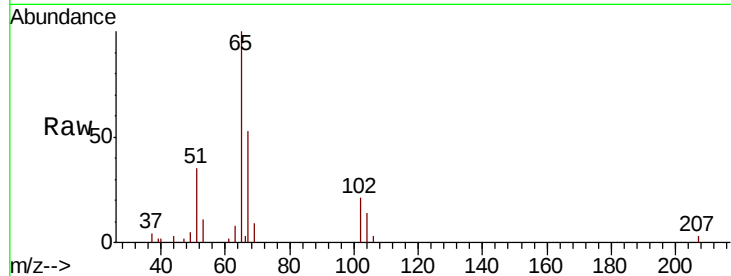




#33
 1,2-Dichloroethane-d4
 Concen: 46.535 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006619.D
 Acq: 02 Nov 2018 23:01

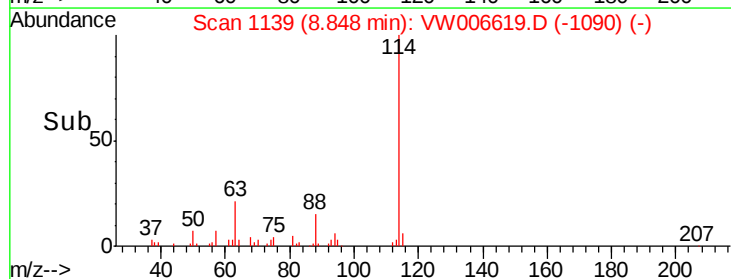
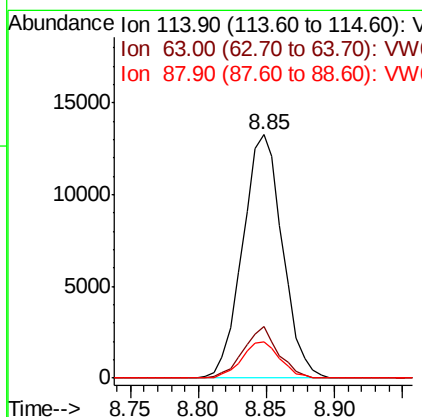
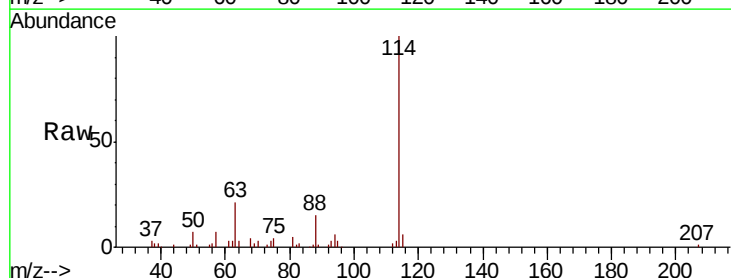
Instrument :
 MSVOA_W
 ClientSampled :
 TP-14

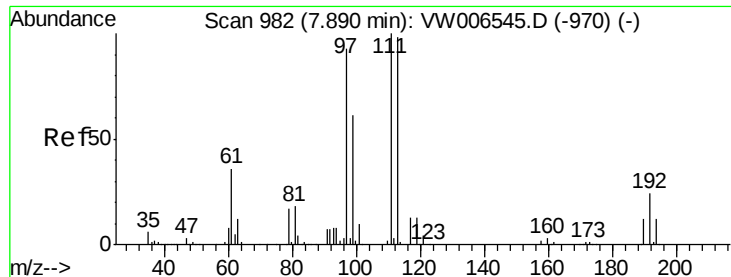
Tgt Ion: 65 Resp: 7977
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006619.D
 Acq: 02 Nov 2018 23:01

Tgt Ion: 114 Resp: 27106
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 34.4
 88 14.7 0.0 29.0

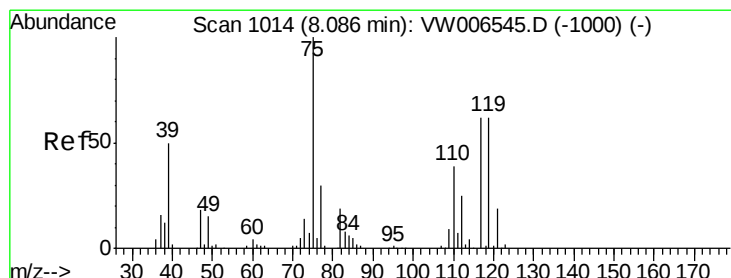
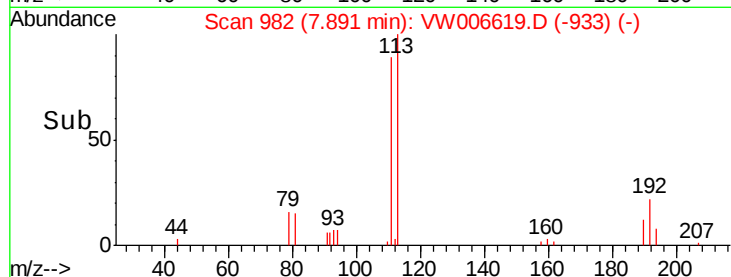
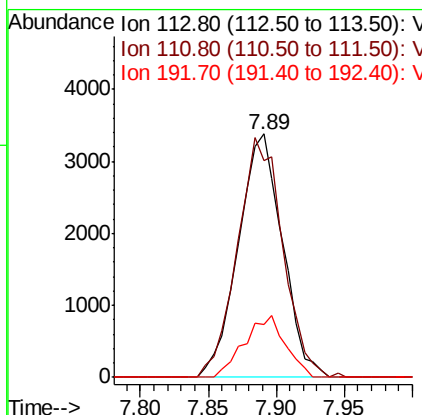
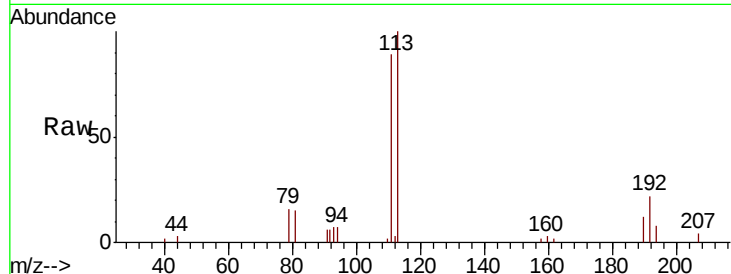




#35
 Dibromofluoromethane
 Concen: 45.082 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006619.D
 Acq: 02 Nov 2018 23:01

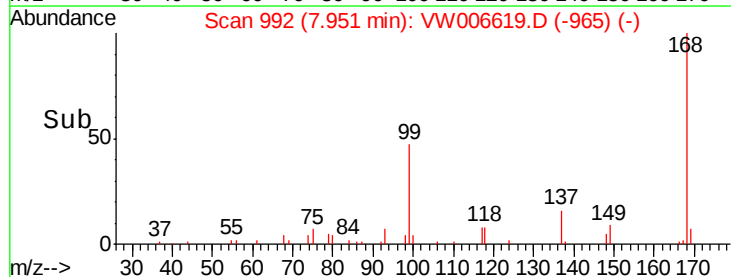
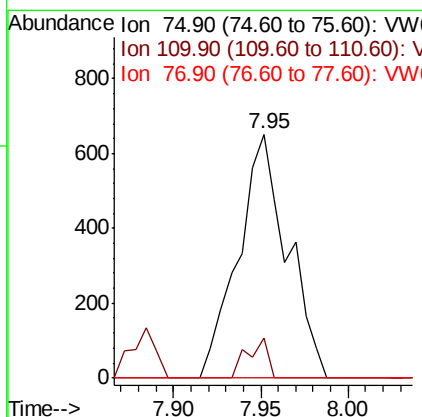
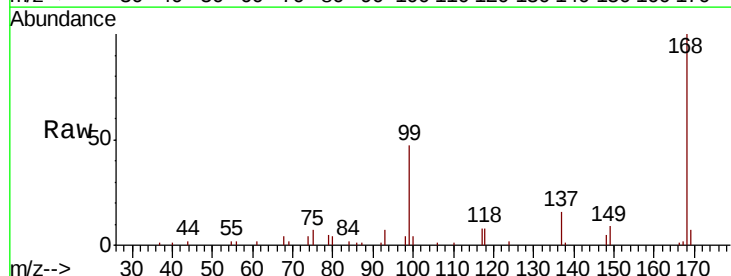
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14

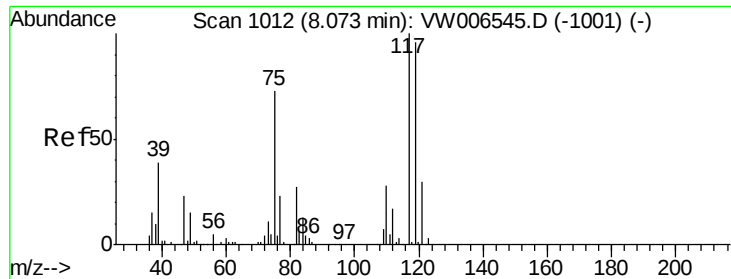
Tgt Ion:113 Resp: 7669
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 23.6 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.345 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006619.D
 Acq: 02 Nov 2018 23:01

Tgt Ion: 75 Resp: 1274
 Ion Ratio Lower Upper
 75 100
 110 6.8 19.5 58.5#
 77 0.0 24.6 37.0#

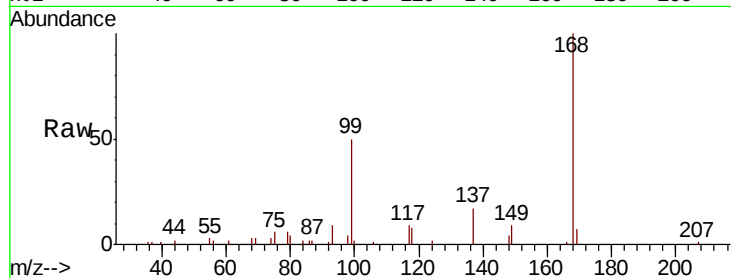




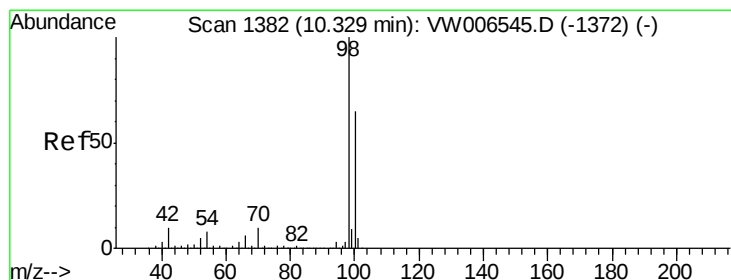
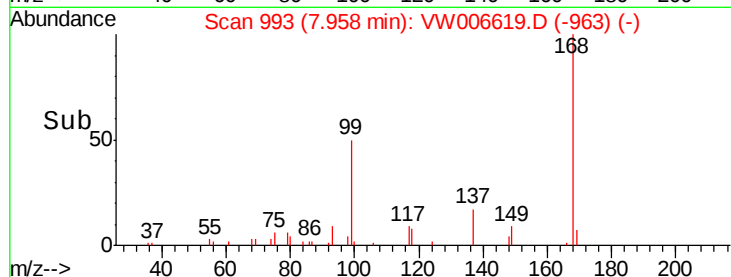
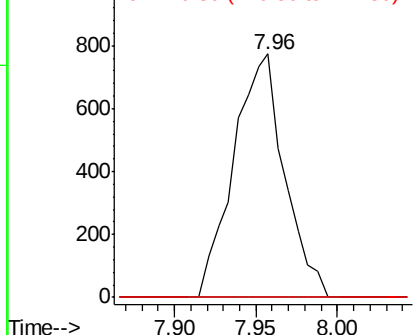
#38
Carbon Tetrachloride
Concen: 6.737 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW006619.D
Acq: 02 Nov 2018 23:01

Instrument :
MSVOA_W
ClientSampled :
TP-14

Tgt Ion:117 Resp: 1678
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 24.1 36.1#

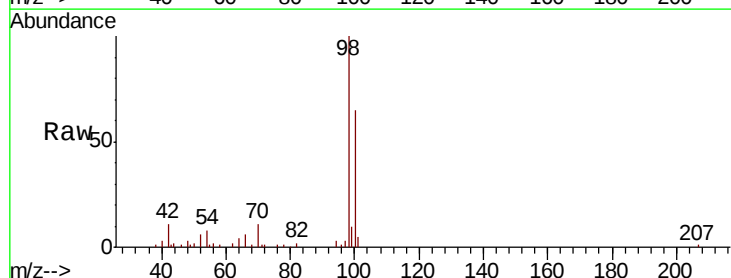


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

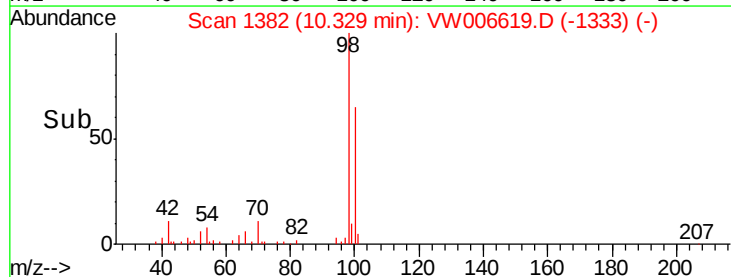
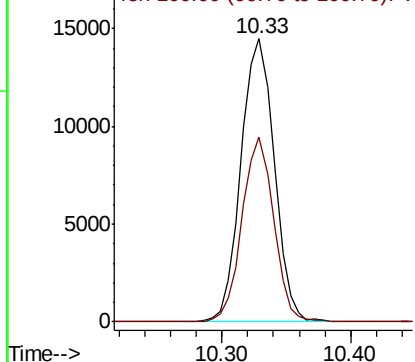


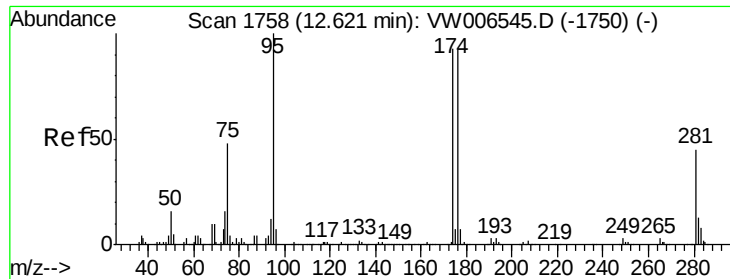
#50
Toluene-d8
Concen: 39.970 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006619.D
Acq: 02 Nov 2018 23:01

Tgt Ion: 98 Resp: 25884
Ion Ratio Lower Upper
98 100
100 61.9 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 32.993 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006619.D

Acq: 02 Nov 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

TP-14

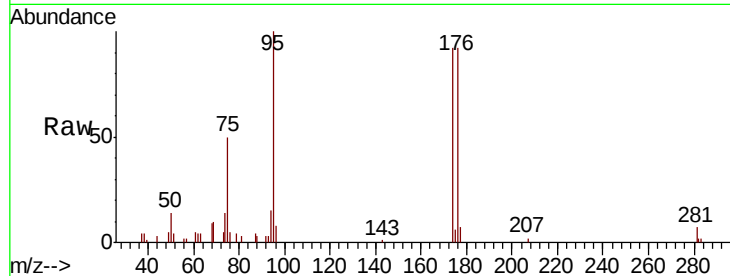
Tgt Ion: 95 Resp: 7746

Ion Ratio Lower Upper

95 100

174 102.0 0.0 192.4

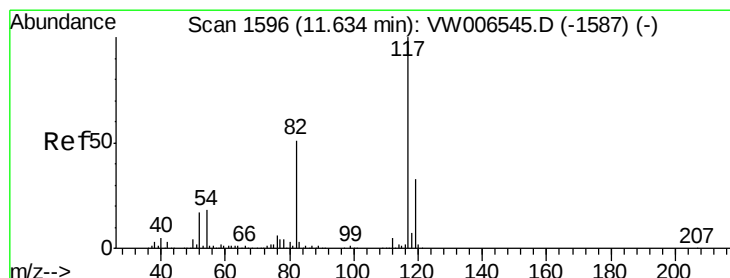
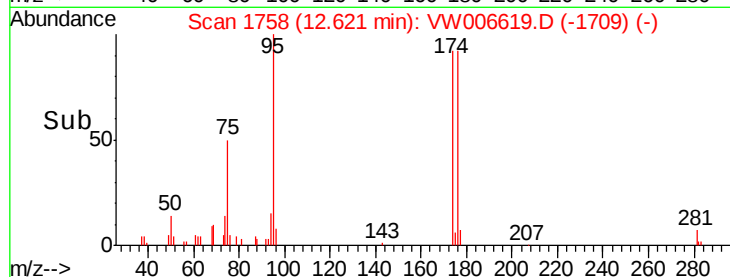
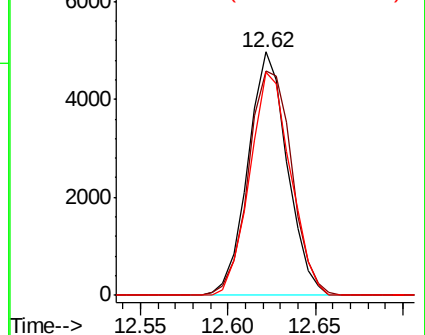
176 94.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006619.D

Acq: 02 Nov 2018 23:01

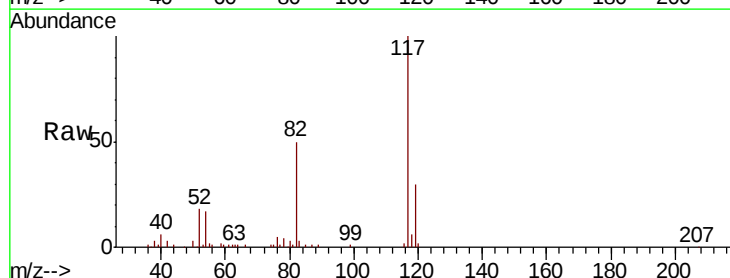
Tgt Ion: 117 Resp: 24586

Ion Ratio Lower Upper

117 100

82 49.5 40.8 61.2

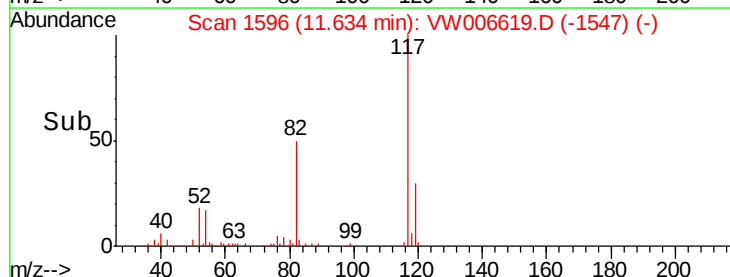
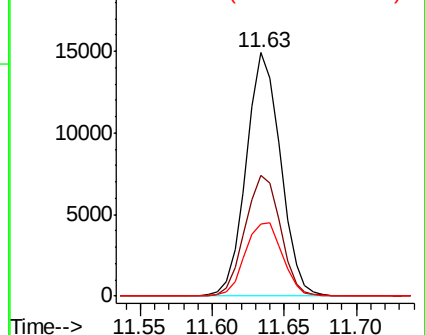
119 29.6 26.1 39.1

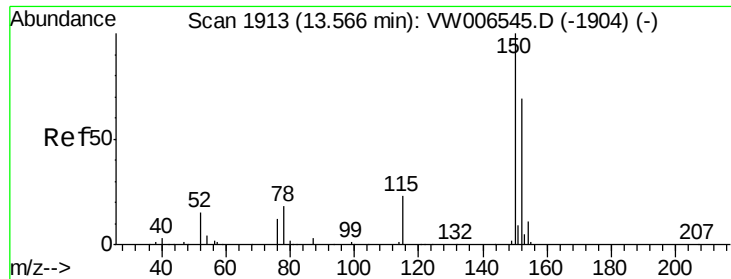


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006619.D

Acq: 02 Nov 2018 23:01

Instrument :

MSVOA_W

ClientSampled :

TP-14

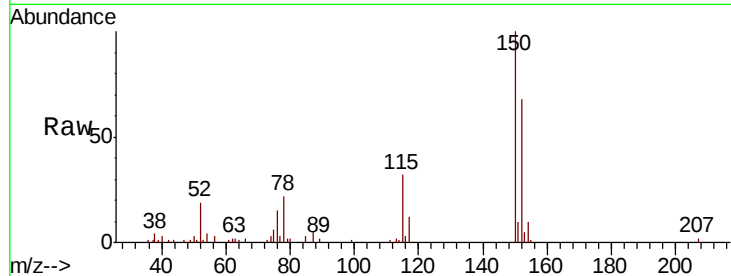
Tgt Ion:152 Resp: 10610

Ion Ratio Lower Upper

152 100

115 50.0 26.6 79.8

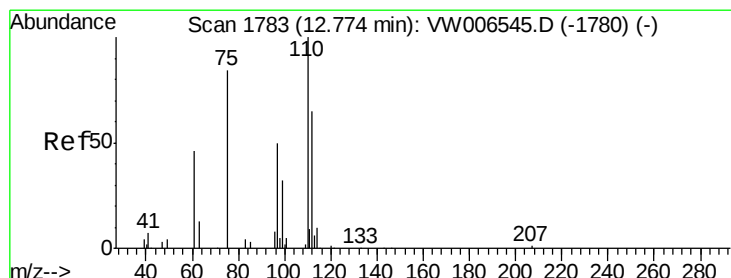
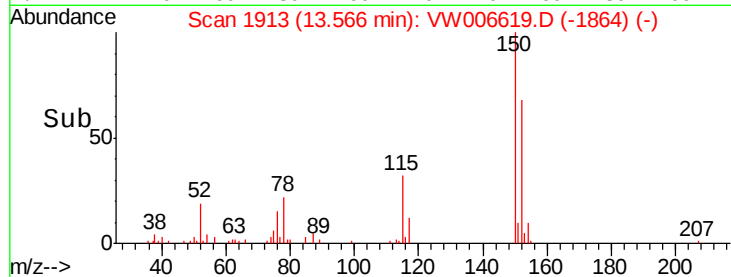
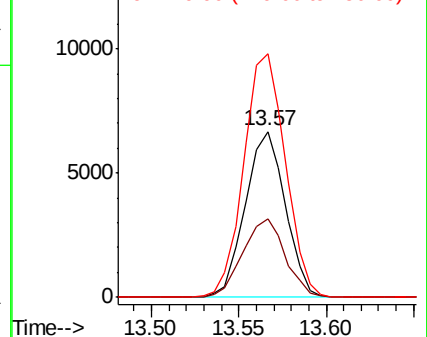
150 151.9 0.0 344.6



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: 47.981 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006619.D

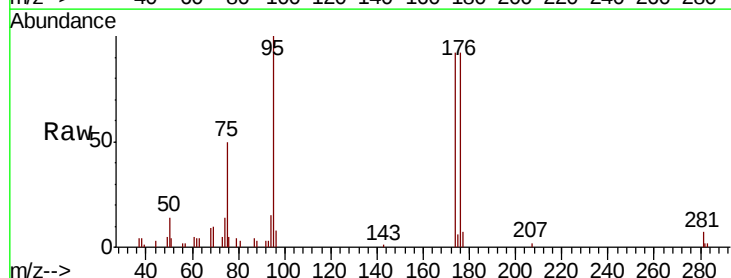
Acq: 02 Nov 2018 23:01

Tgt Ion: 75 Resp: 3972

Ion Ratio Lower Upper

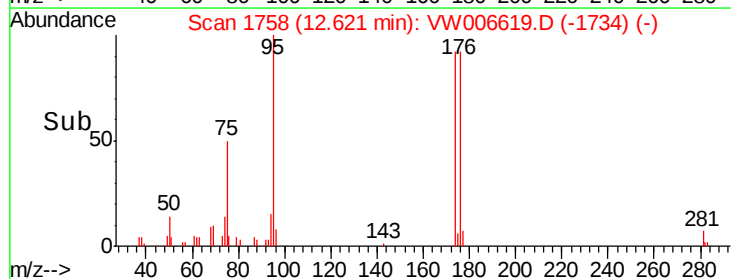
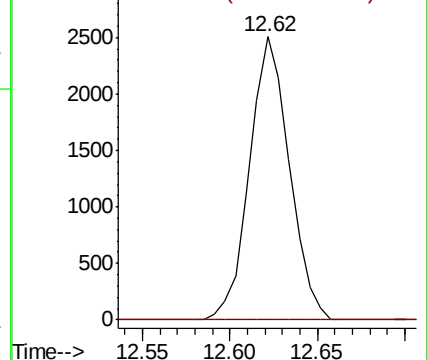
75 100

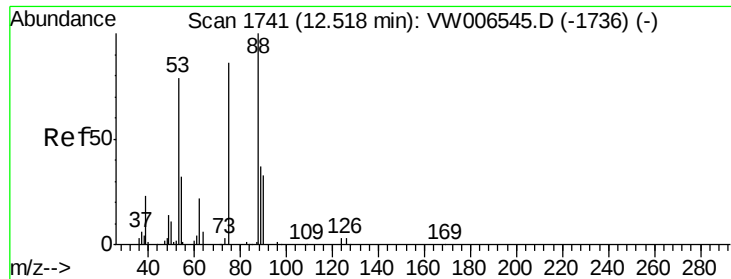
77 0.0 0.0 0.0



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: 120.306 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006619.D

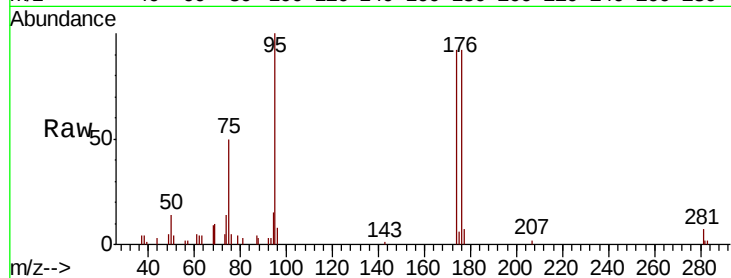
Acq: 02 Nov 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

TP-14



Tgt Ion:	75	Resp:	3972
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.2	115.8#
89	0.0	38.6	58.0#

