

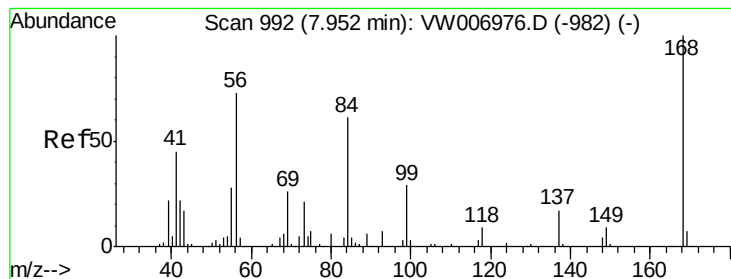
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007045.D
 Acq On : 26 Nov 2018 14:18
 Operator : VAY/AP
 Sample : J6028-02RE
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:24:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	109991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57766	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.89	113	50963	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.33	98	201640	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
62) 4-Bromofluorobenzene	12.62	95	60009	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	
Target Compounds						
8) Diethyl Ether	3.69	74	991	1.756	ug/l	95
16) Acetone	4.14	43	214	1.369	ug/l #	44
20) Methylene Chloride	4.92	84	5024	Below Cal		96
31) Cyclohexane	7.96	56	2350	1.133	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	8582	5.120	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11379	7.090	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	871	1.489	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	29183	83.354	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29183	209.268	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007045.D

Acq: 26 Nov 2018 14:18

Instrument :

MSVOA_W

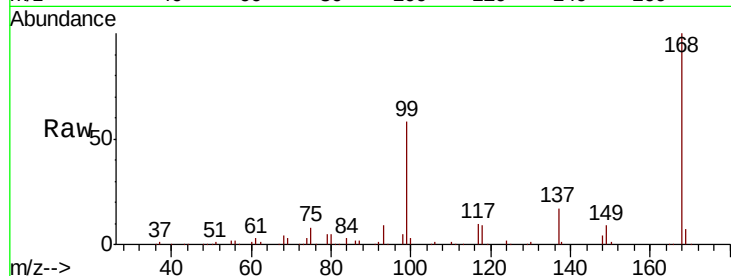
ClientSampled :

Tot Ion:168 Resp: 109991

Ion Ratio Lower Upper

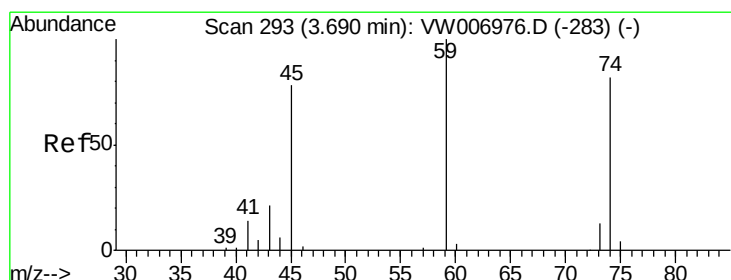
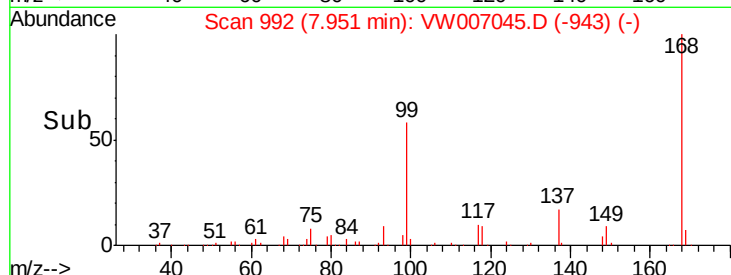
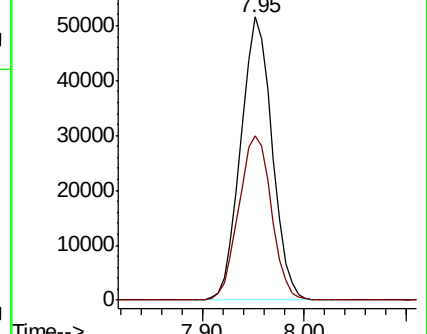
168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.756 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW007045.D

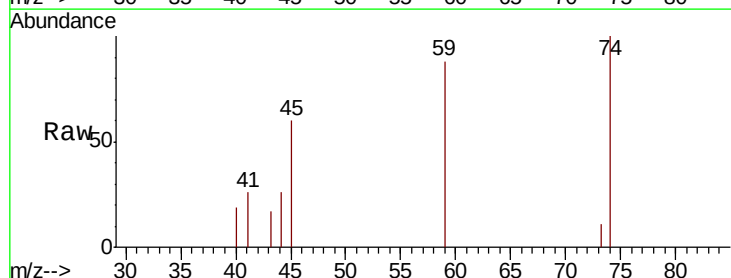
Acq: 26 Nov 2018 14:18

Tgt Ion: 74 Resp: 991

Ion Ratio Lower Upper

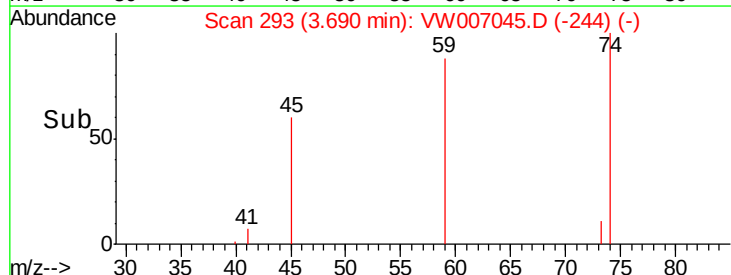
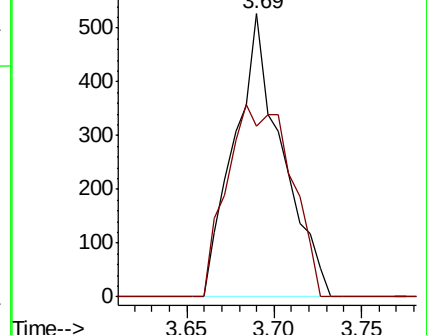
74 100

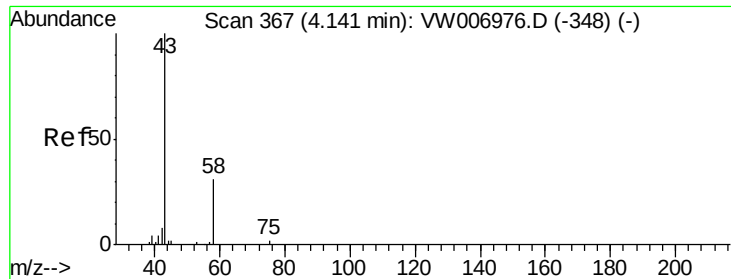
45 92.1 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

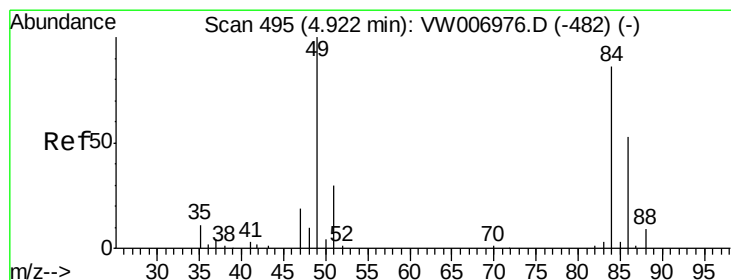
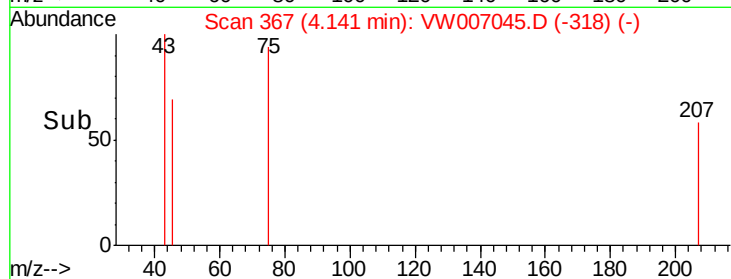
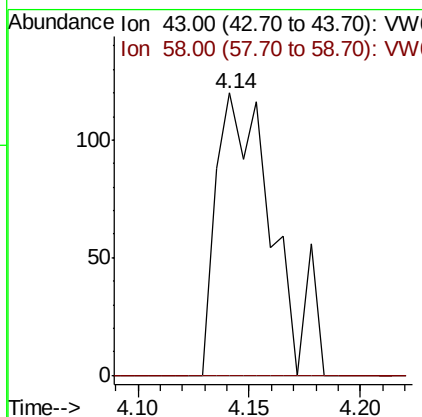
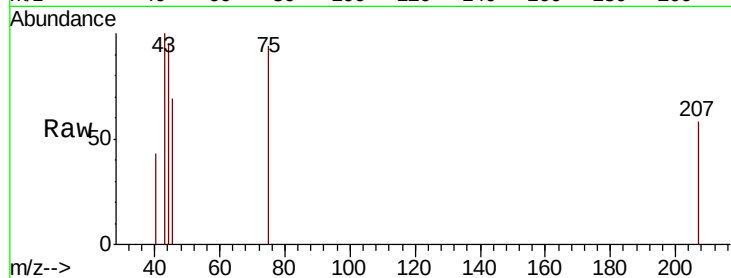




#16
Acetone
Concen: 1.369 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

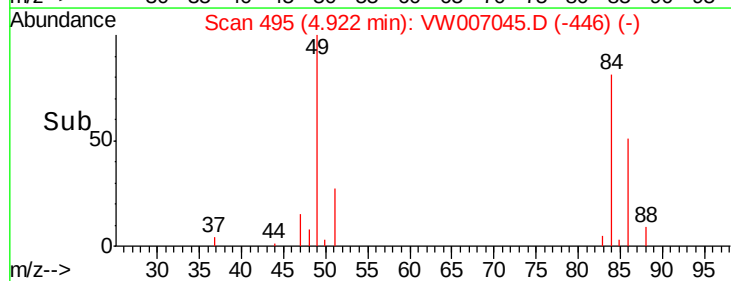
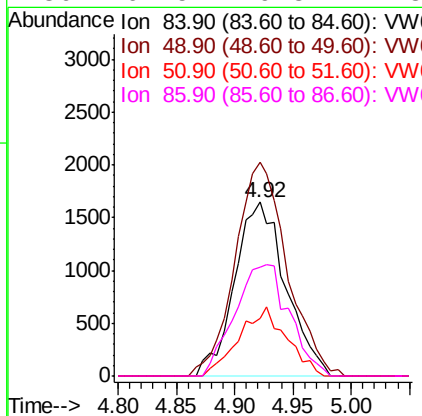
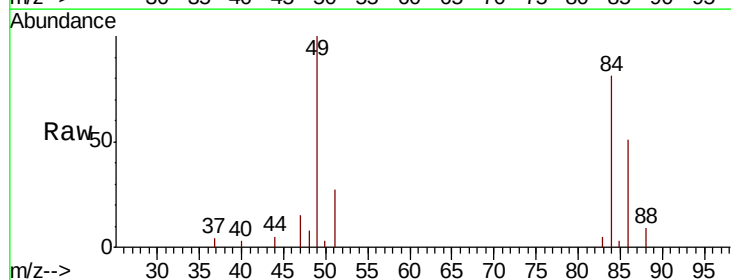
Instrument :
MSVOA_W
ClientSampled :

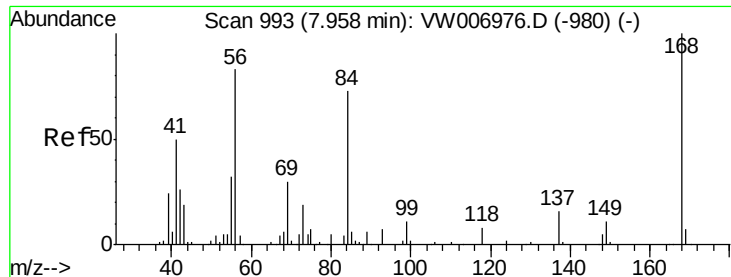
Tot Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Tgt Ion: 84 Resp: 5024
Ion Ratio Lower Upper
84 100
49 122.8 93.4 140.0
51 32.9 28.4 42.6
86 62.5 49.8 74.8

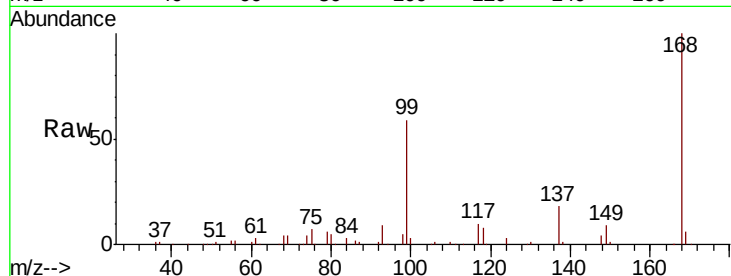




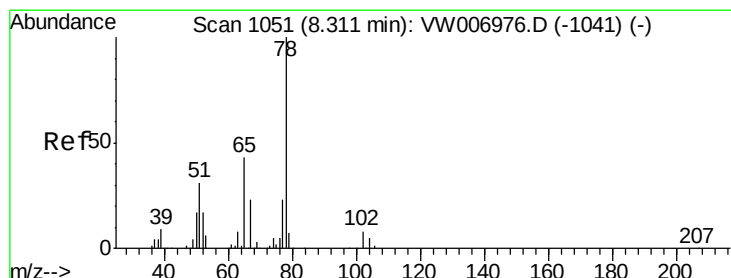
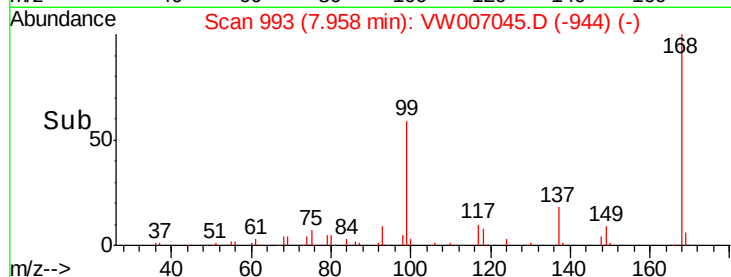
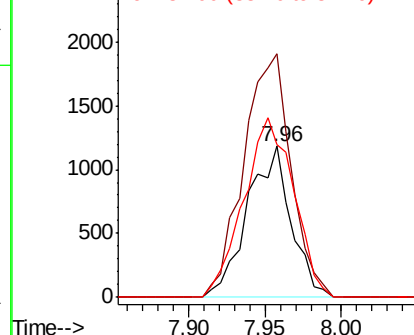
#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2350
Ion Ratio Lower Upper
56 100
69 161.1 29.1 43.7#
84 101.4 70.6 105.8

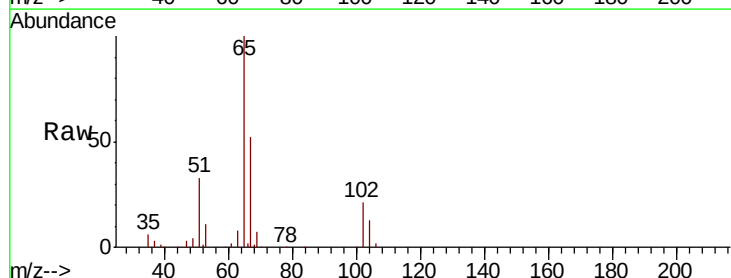


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

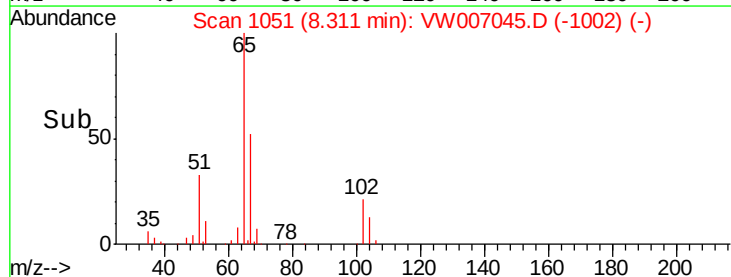
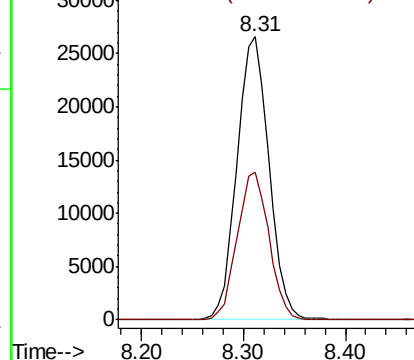


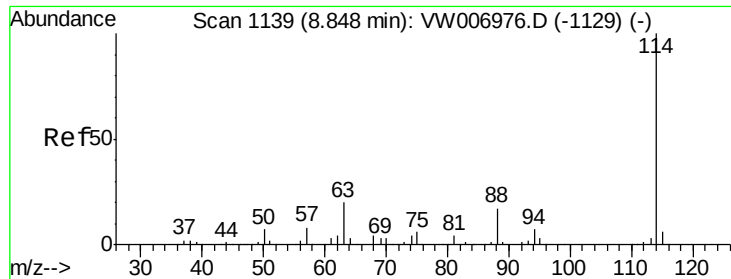
#33
1,2-Dichloroethane-d4
Concen: 53.644 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Tgt Ion: 65 Resp: 57766
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2



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

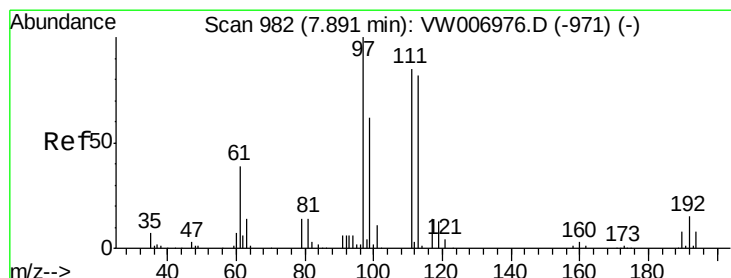
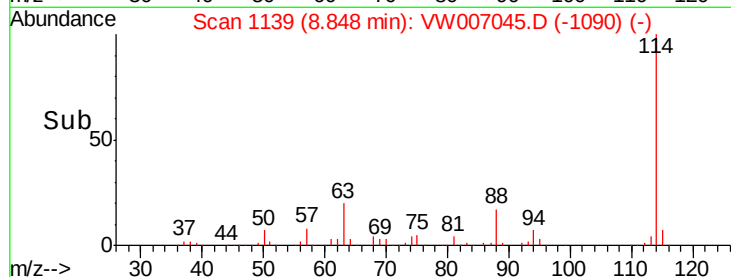
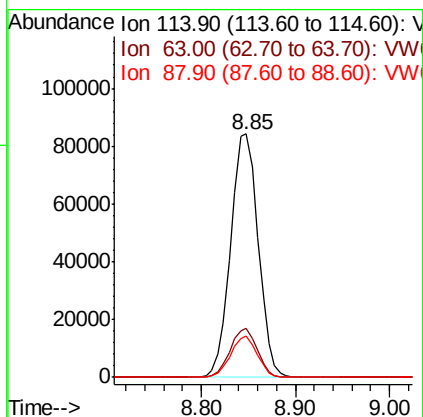
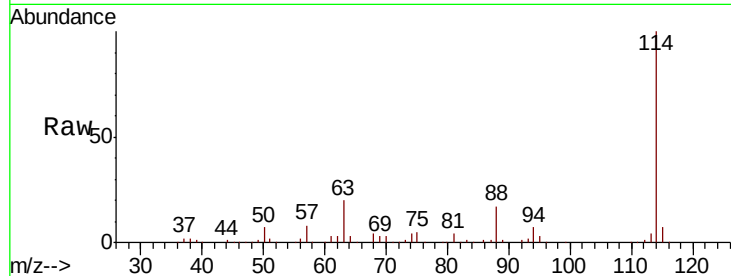




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007045.D
 Acq: 26 Nov 2018 14:18

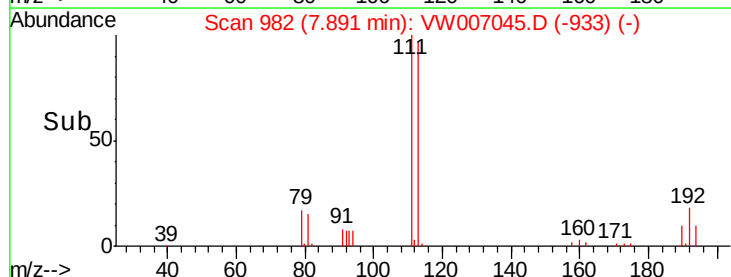
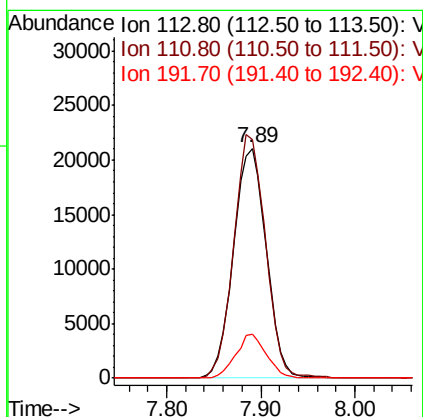
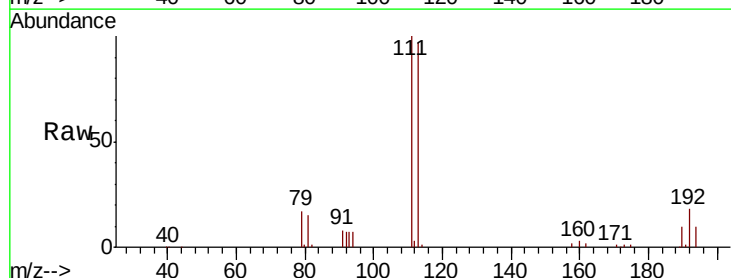
Instrument :
 MSVOA_W
 ClientSampled :

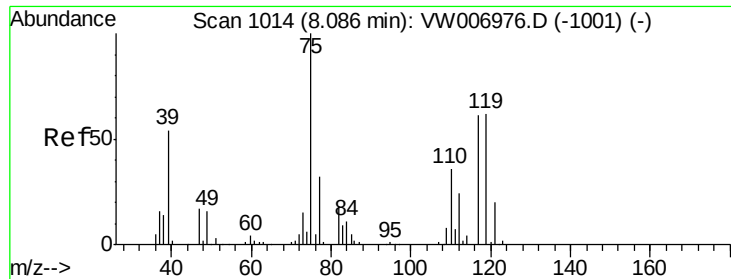
Tot Ion:114 Resp: 171513
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 17.0 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 52.616 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007045.D
 Acq: 26 Nov 2018 14:18

Tgt Ion:113 Resp: 50963
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.6
 192 17.8 15.0 22.6

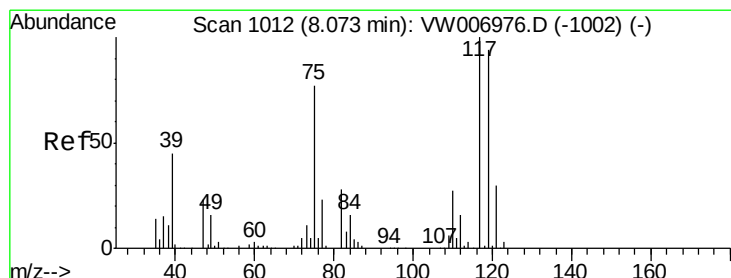
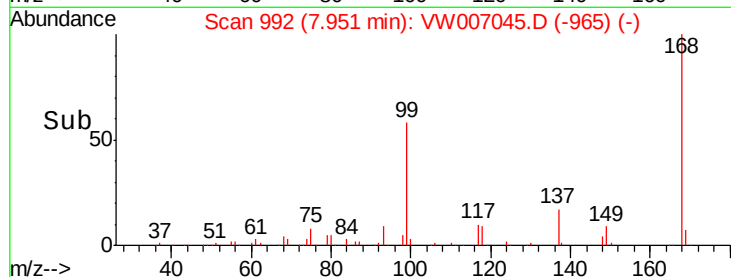
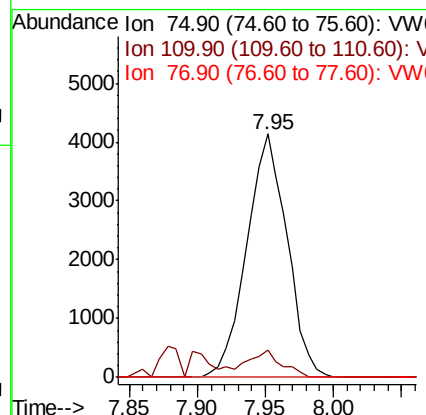
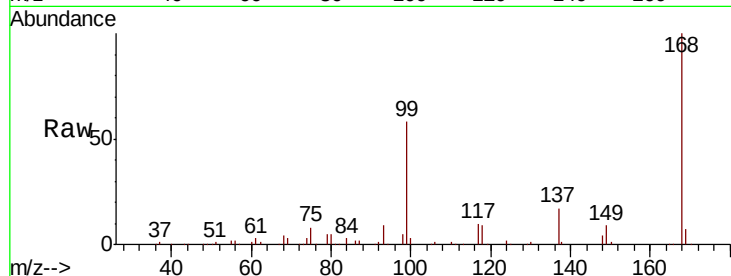




#36
 1,1-Dichloropropene
 Concen: 5.120 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007045.D
 Acq: 26 Nov 2018 14:18

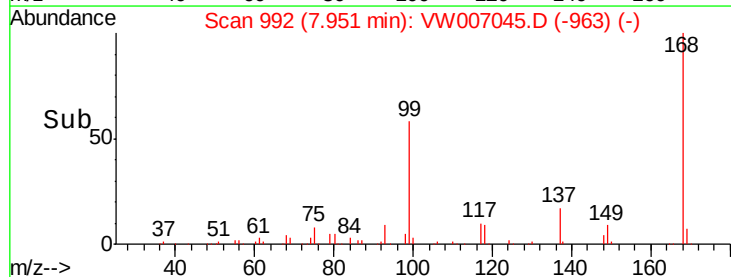
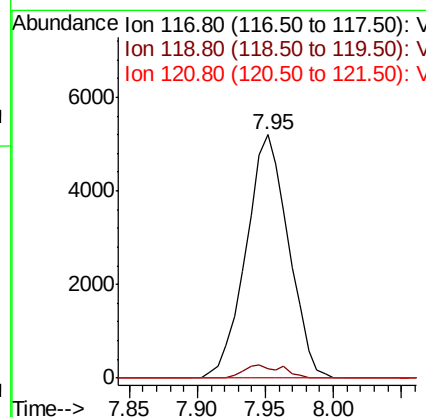
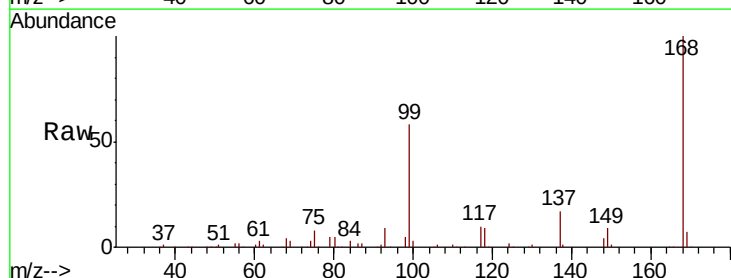
Instrument :
 MSVOA_W
 ClientSampled :

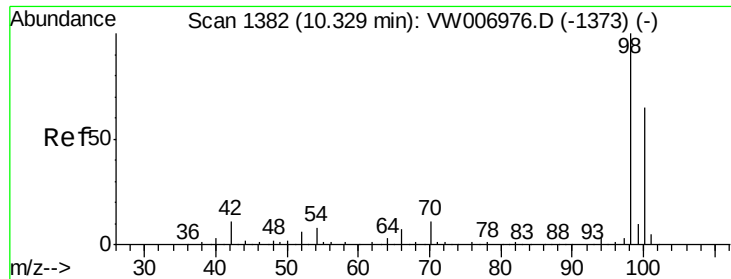
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.090 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007045.D
 Acq: 26 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 47.144 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007045.D

Acq: 26 Nov 2018 14:18

Instrument :

MSVOA_W

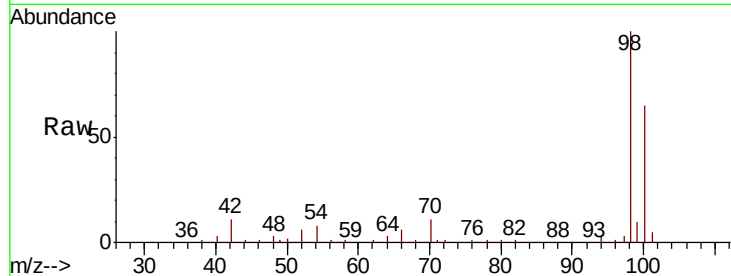
ClientSampled :

Tot Ion: 98 Resp: 201640

Ion Ratio Lower Upper

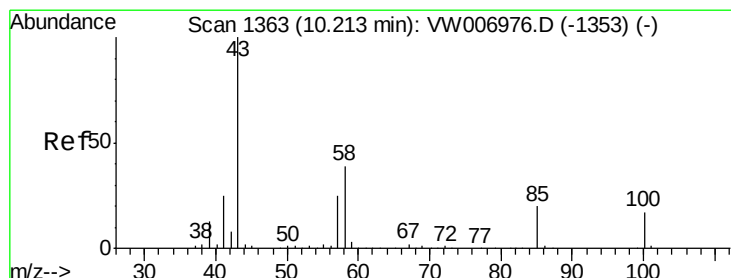
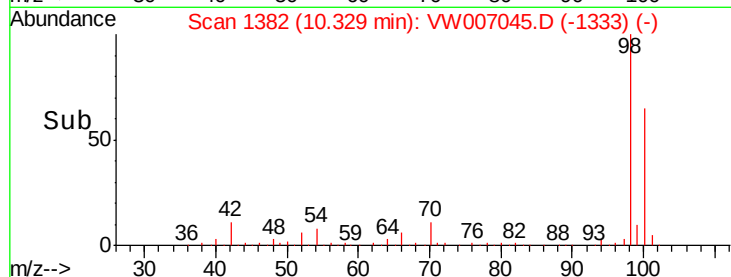
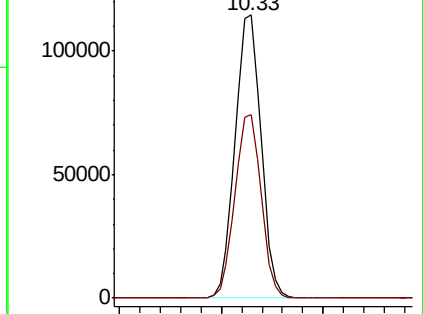
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.489 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007045.D

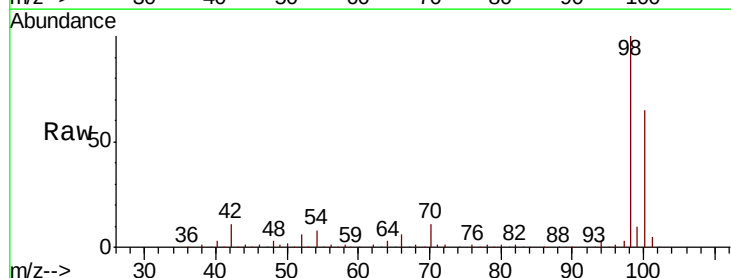
Acq: 26 Nov 2018 14:18

Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

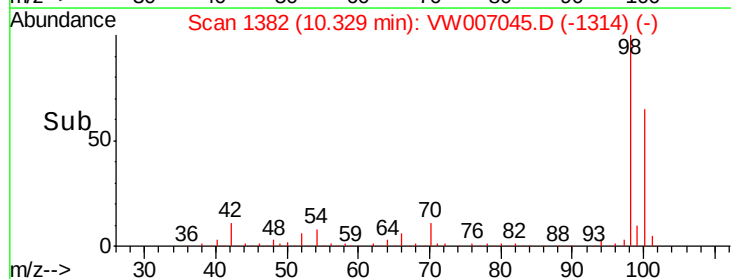
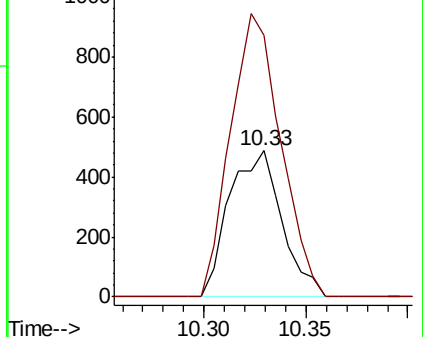
43 100

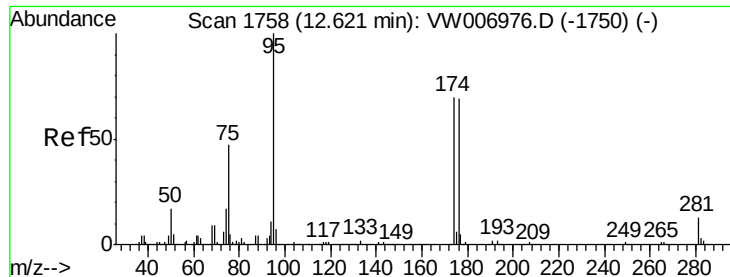
58 185.3 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

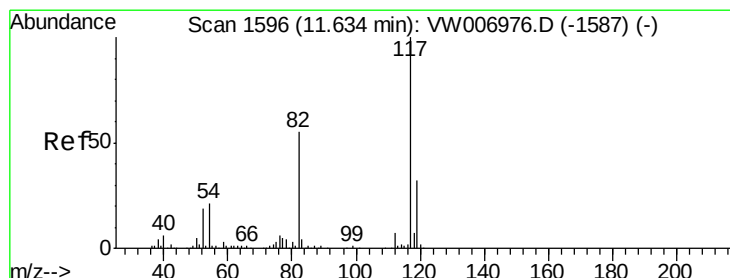
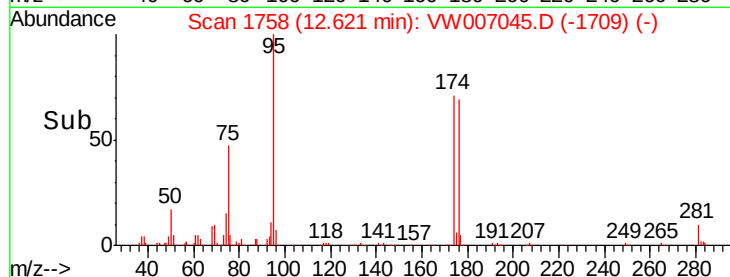
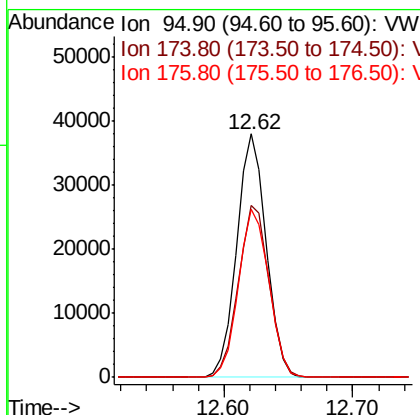
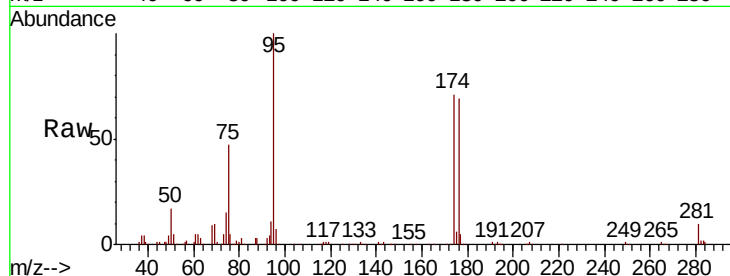




#62
4-Bromofluorobenzene
Concen: 35.654 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

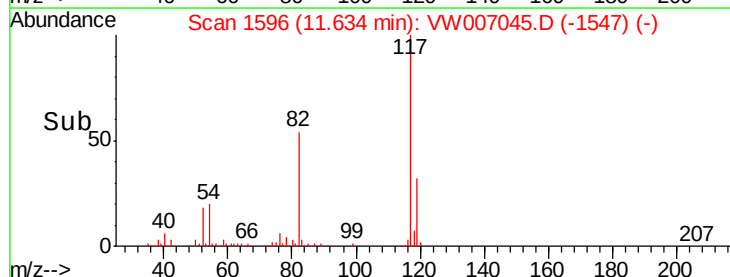
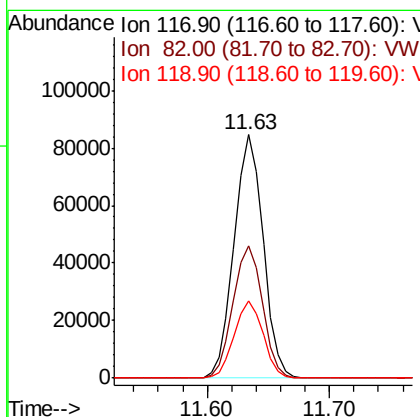
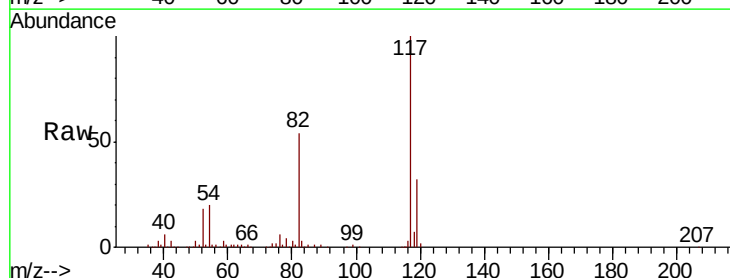
Instrument :
MSVOA_W
ClientSampleId :

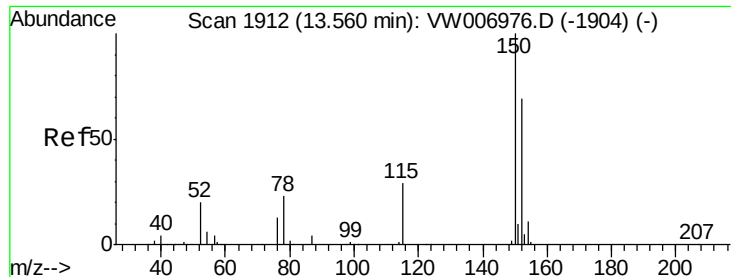
Tot Ion: 95 Resp: 60009
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.6
176 71.1 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Tgt Ion: 117 Resp: 138844
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.8 25.9 38.9



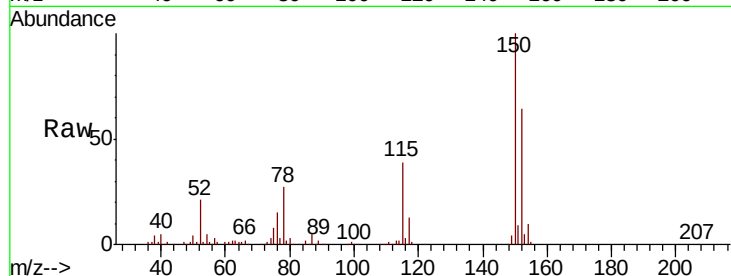


#72

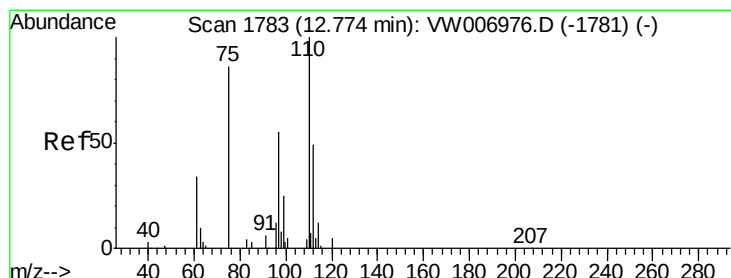
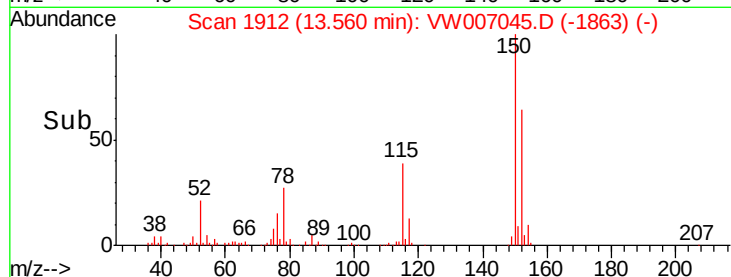
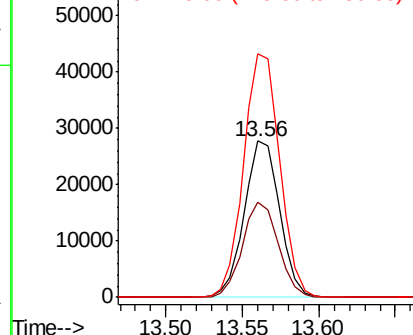
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 44555
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 158.8 0.0 353.4



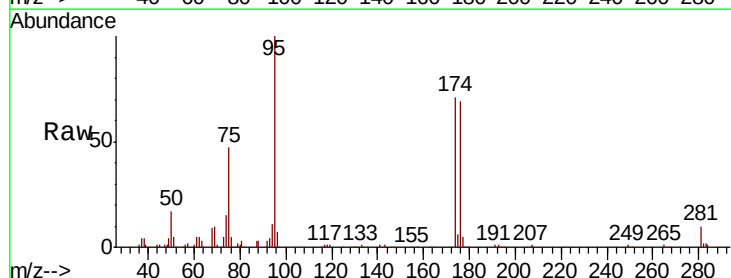
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



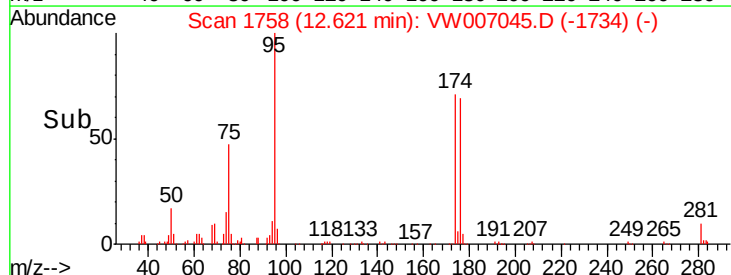
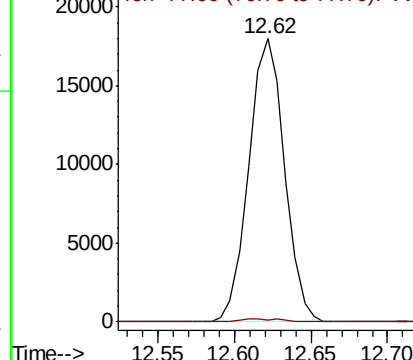
#76

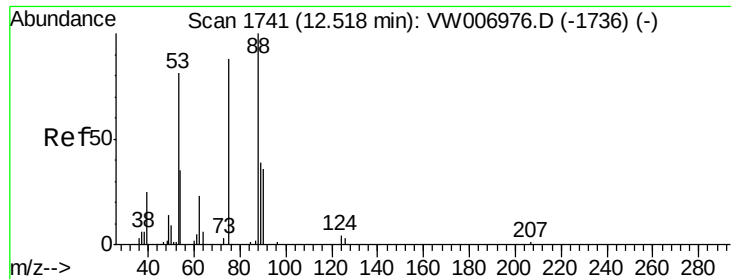
1,2,3-Trichloropropane
Concen: 83.354 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Tgt Ion: 75 Resp: 29183
Ion Ratio Lower Upper
75 100
77 1.1 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: 209.268 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007045.D

Acq: 26 Nov 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

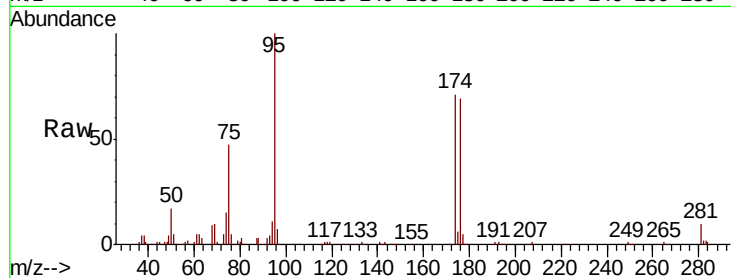
Tot Ion: 75 Resp: 29183

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#



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

