

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112118\
 Data File : VW006985.D
 Acq On : 20 Nov 2018 20:06
 Operator : SY/AP
 Sample : J5977-12RE
 Misc : 3.12G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:49:28 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

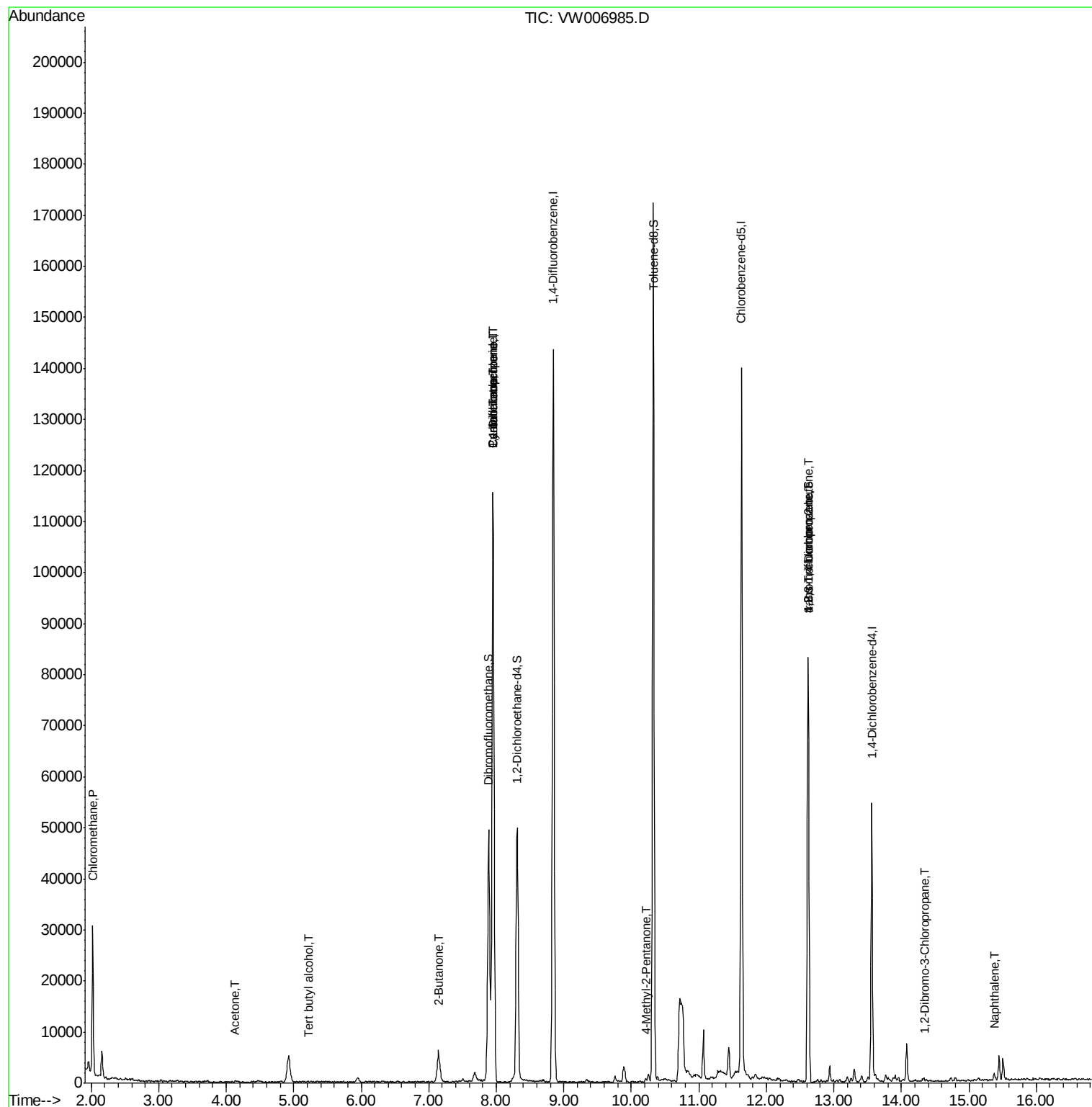
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	127096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39670	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	35916	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	119074	37.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.14%	
62) 4-Bromofluorobenzene	12.62	95	23670	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.02	50	1528	2.229	ug/l #	86
11) Tert butyl alcohol	5.22	59	96	1.808	ug/l #	71
16) Acetone	4.14	43	265	2.237	ug/l	95
20) Methylene Chloride	4.93	84	4370	Below Cal		95
25) 2-Butanone	7.14	43	343	1.691	ug/l #	48
31) Cyclohexane	7.95	56	1781	1.134	ug/l #	18
36) 1,1-Dichloropropene	7.96	75	6661	5.363	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8917	7.498	ug/l #	17
51) 4-Methyl-2-Pentanone	10.22	43	541	1.248	ug/l #	71
76) 1,2,3-Trichloropropane	12.62	75	11782	106.061	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	11782	266.275	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.34	75	33	1.336	ug/l #	1
95) Naphthalene	15.37	128	1512	2.992	ug/l	98

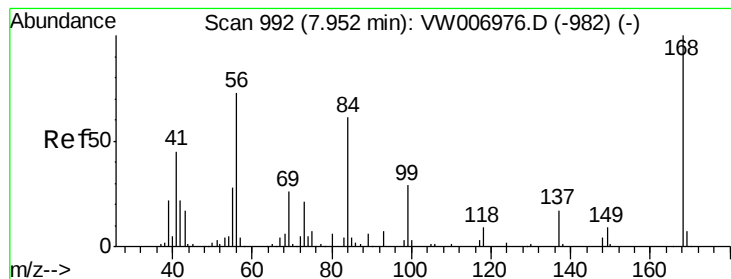
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW006985.D

Acq: 20 Nov 2018 20:06

Instrument :

MSVOA_W

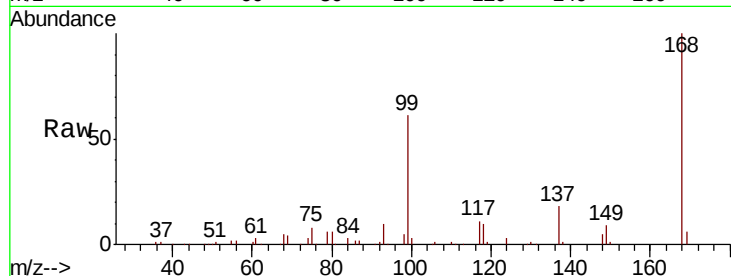
ClientSampleId :

Tot Ion:168 Resp: 83323

Ion Ratio Lower Upper

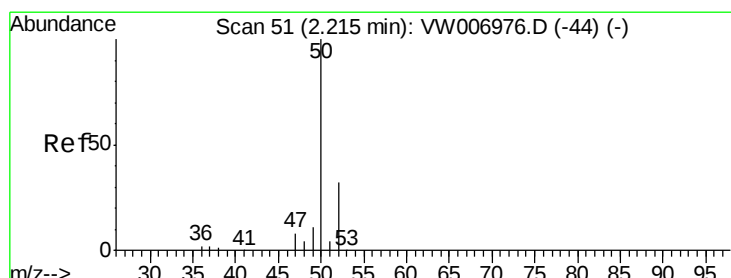
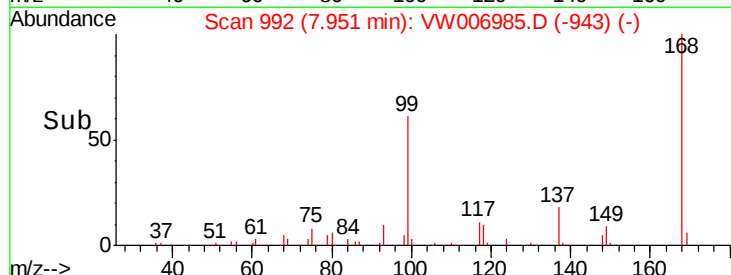
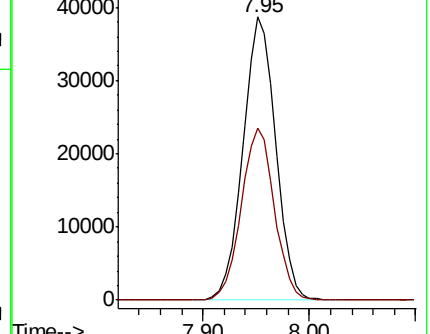
168 100

99 61.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 2.229 ug/l

RT: 2.02 min Scan# 19

Delta R.T. -0.20 min

Lab File: VW006985.D

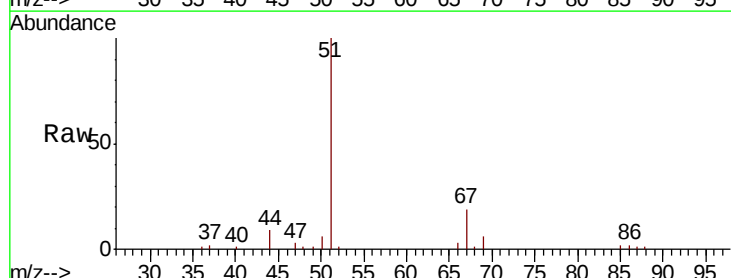
Acq: 20 Nov 2018 20:06

Tgt Ion: 50 Resp: 1528

Ion Ratio Lower Upper

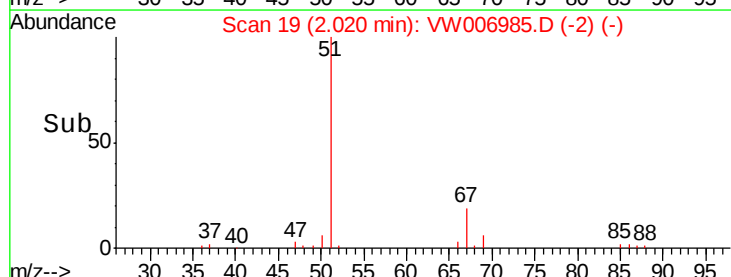
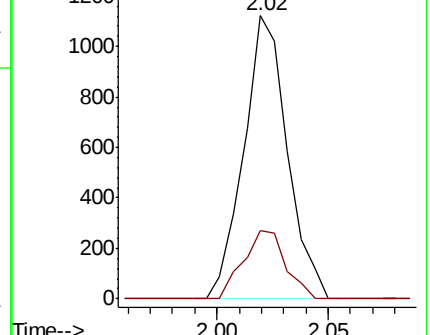
50 100

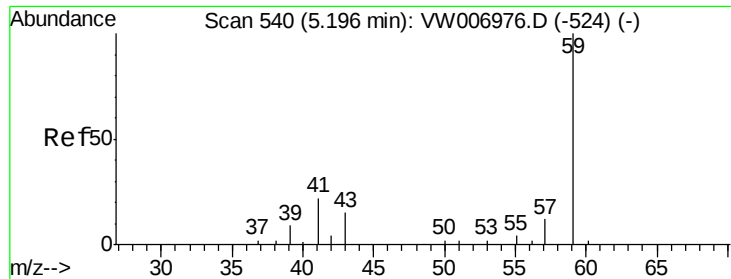
52 24.2 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



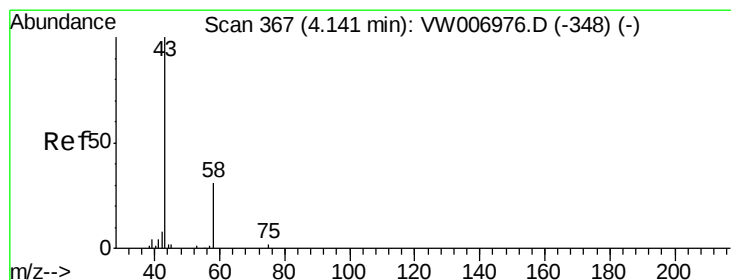
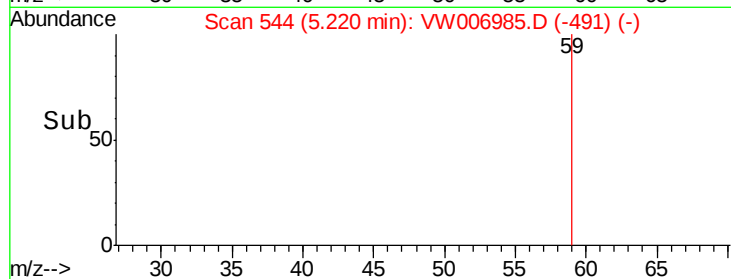
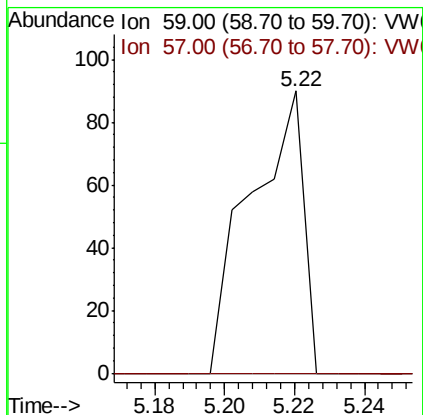
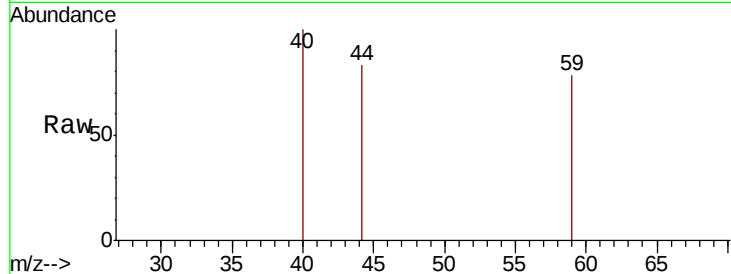


#11

Tert butyl alcohol
 Concen: 1.808 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Instrument :
 MSVOA_W
 ClientSampled :

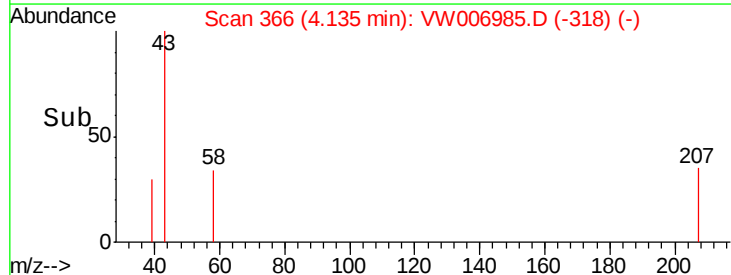
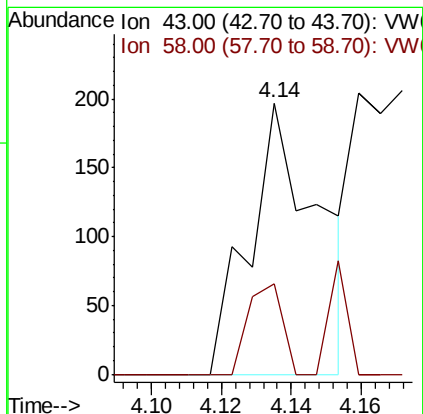
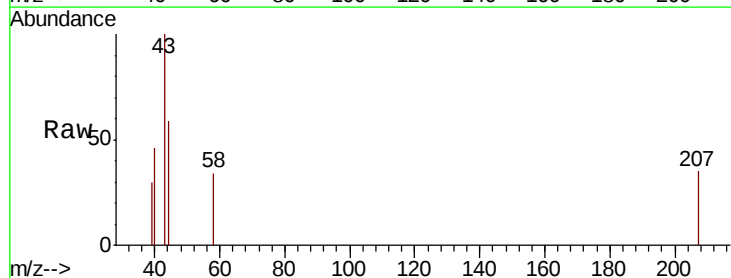
Tot Ion: 59 Resp: 96
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

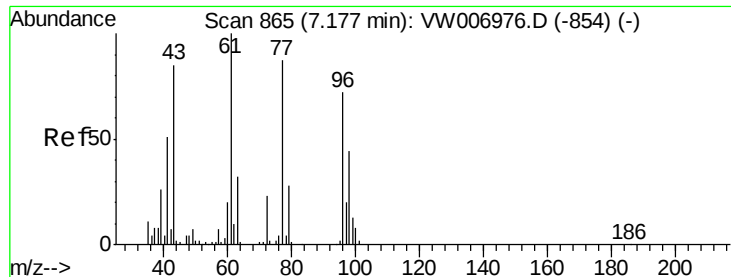


#16

Acetone
 Concen: 2.237 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Tgt Ion: 43 Resp: 265
 Ion Ratio Lower Upper
 43 100
 58 33.5 24.8 37.2





#25

2-Butanone

Concen: 1.691 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

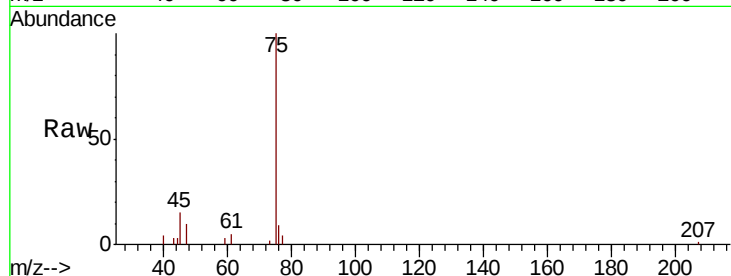
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 343

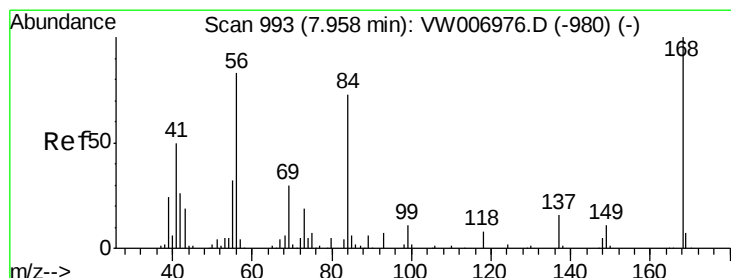
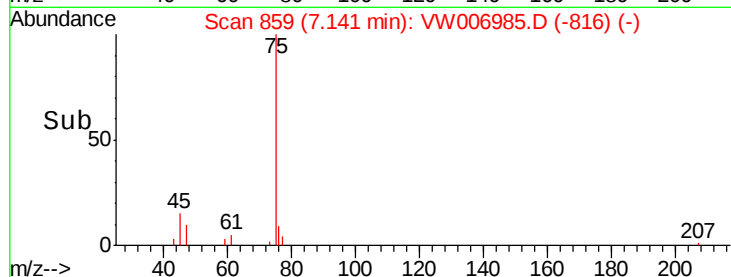
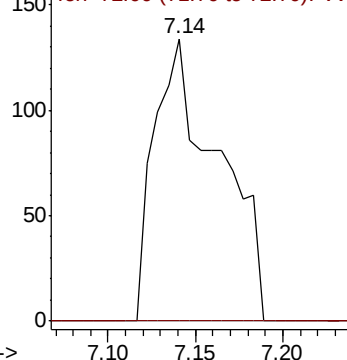
Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.134 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

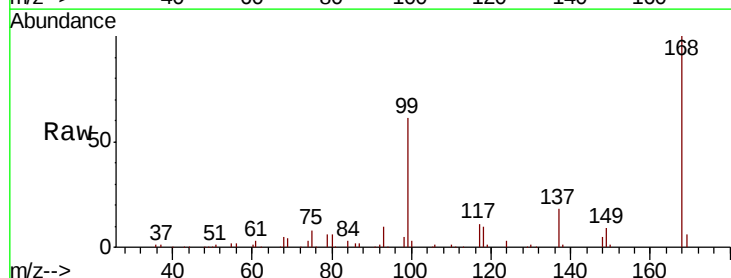
Tgt Ion: 56 Resp: 1781

Ion Ratio Lower Upper

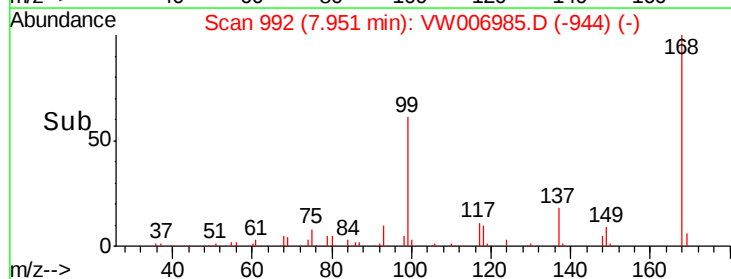
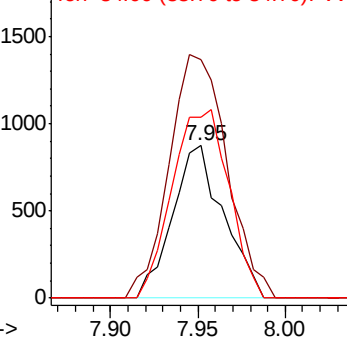
56 100

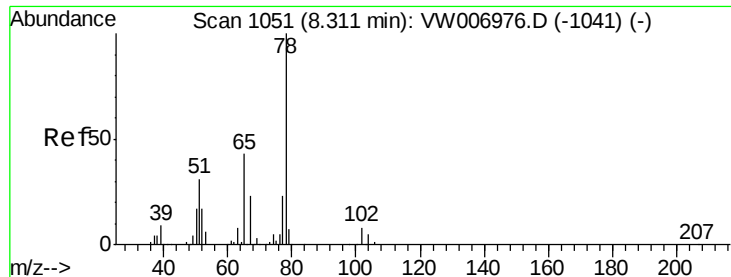
69 156.0 29.1 43.7#

84 118.6 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

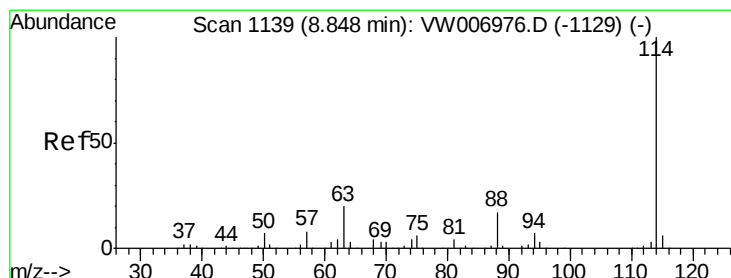
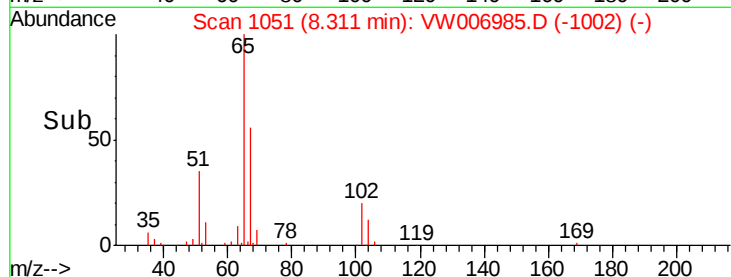
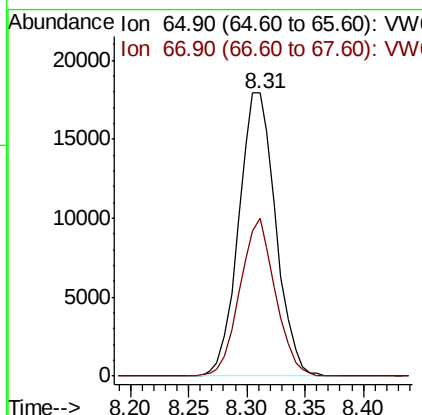
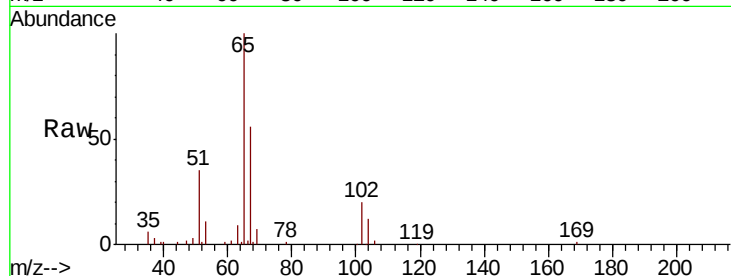




#33
 1,2-Dichloroethane-d4
 Concen: 48.630 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

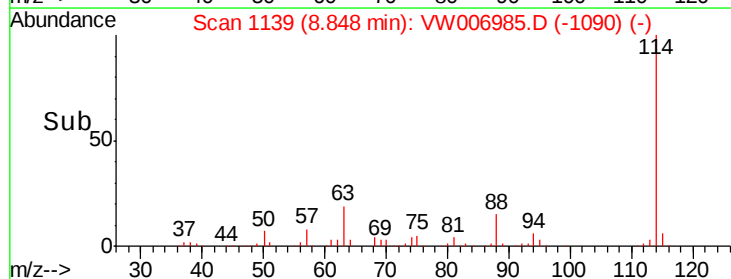
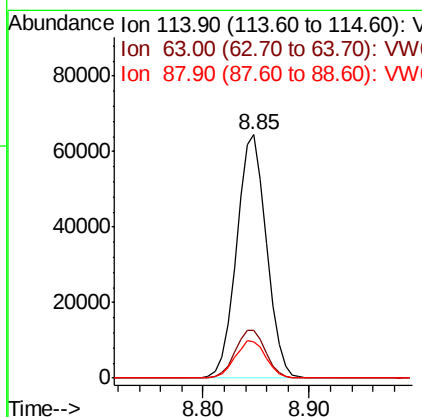
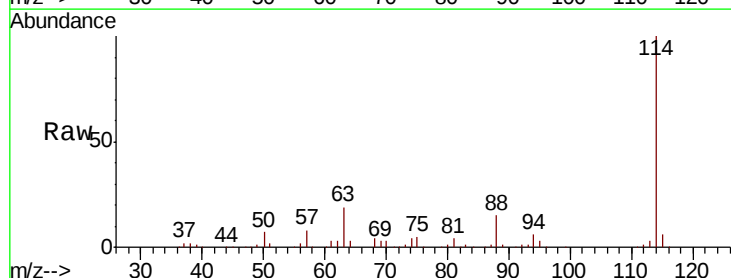
Instrument :
 MSVOA_W
 ClientSampleId :

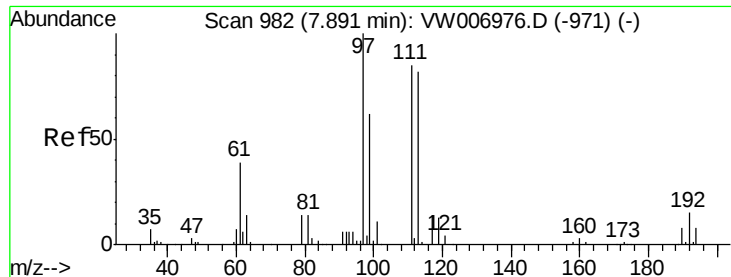
Tot Ion: 65 Resp: 39670
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Tgt Ion: 114 Resp: 127096
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.1 0.0 34.2

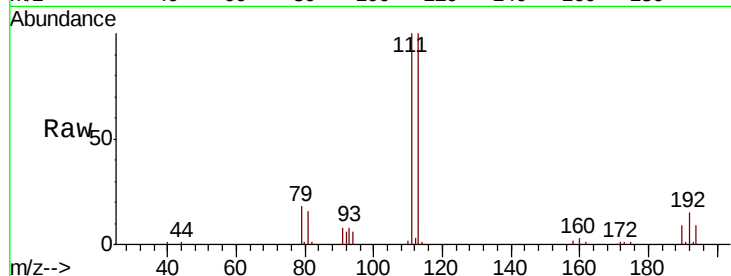




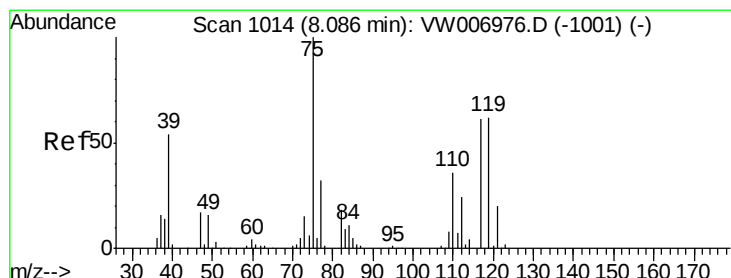
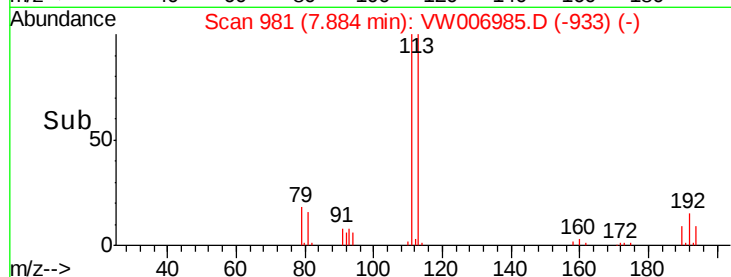
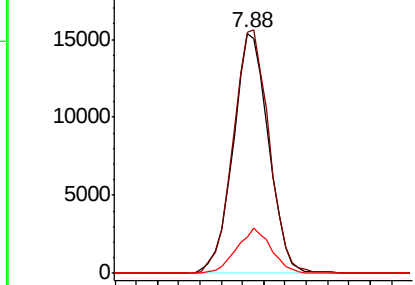
#35
 Dibromofluoromethane
 Concen: 50.040 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.6
192	18.3	15.0	22.6

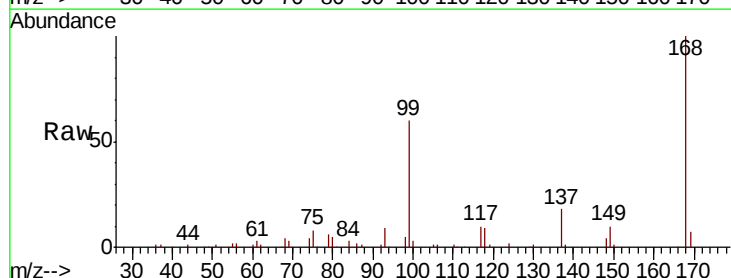


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

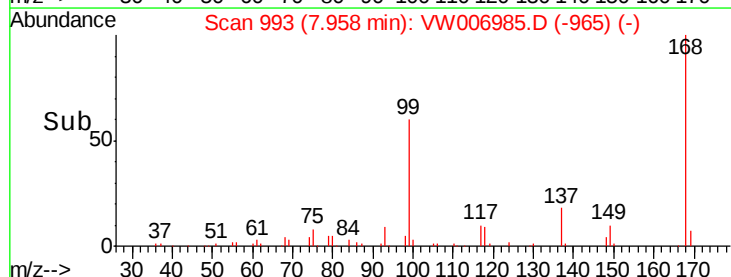
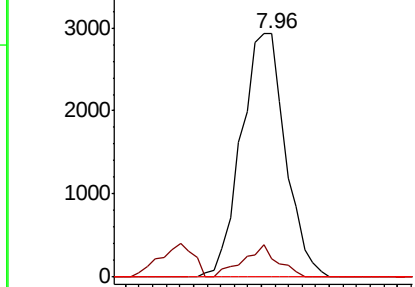


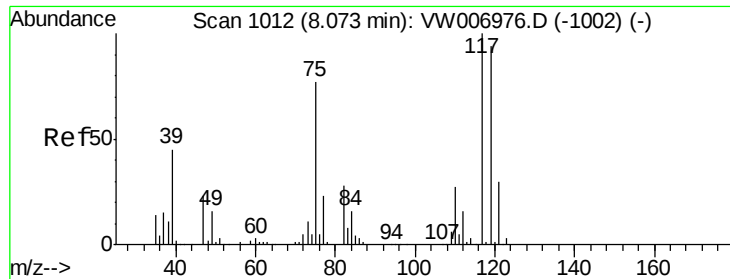
#36
 1,1-Dichloropropene
 Concen: 5.363 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.0	54.0#
77	0.0	24.9	37.3#



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: 7.498 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

Instrument :

MSVOA_W

ClientSampled :

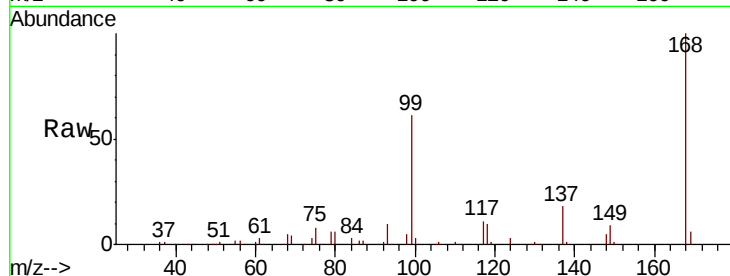
Tot Ion:117 Resp: 8917

Ion Ratio Lower Upper

117 100

119 5.0 74.9 112.3#

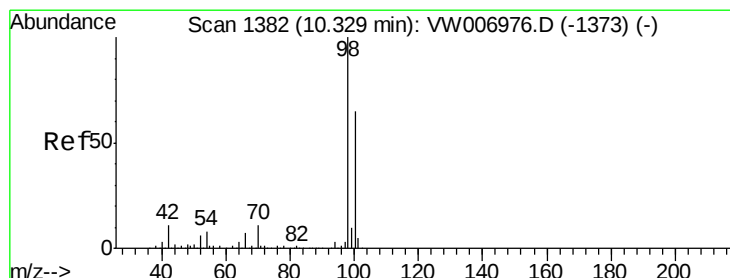
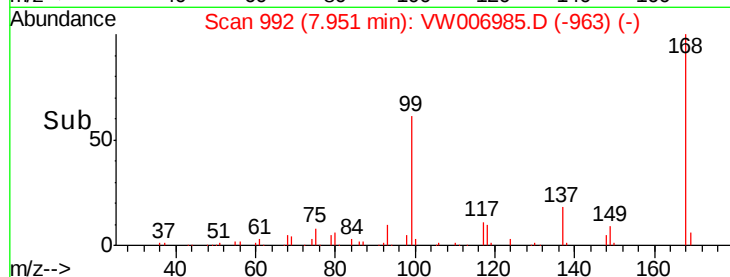
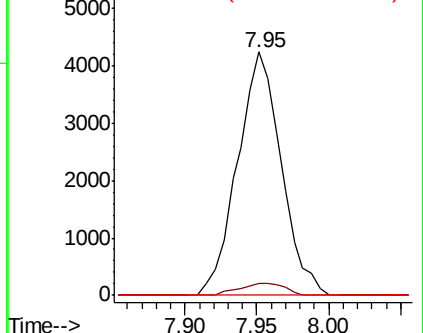
121 0.0 23.6 35.4#



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: 37.569 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006985.D

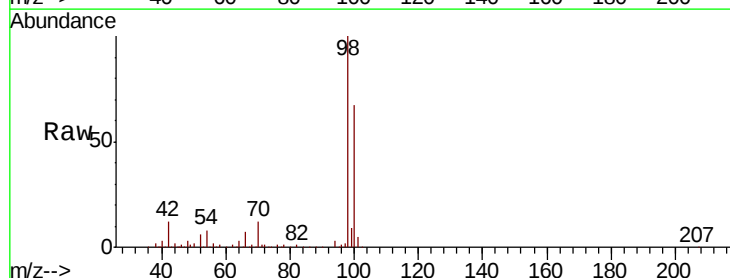
Acq: 20 Nov 2018 20:06

Tgt Ion: 98 Resp: 119074

Ion Ratio Lower Upper

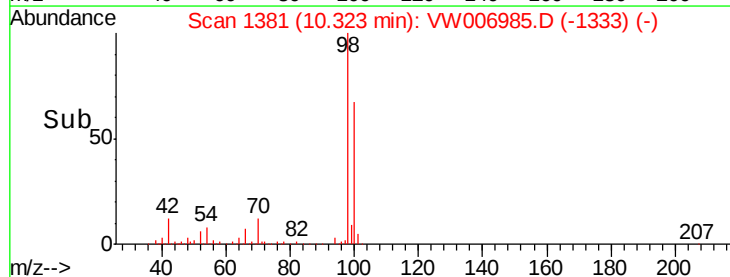
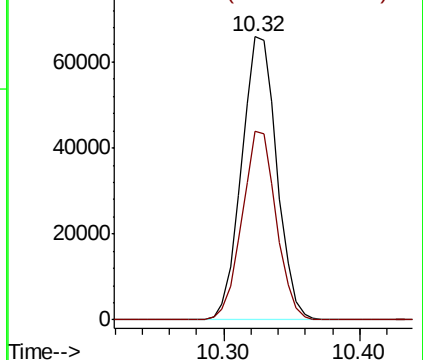
98 100

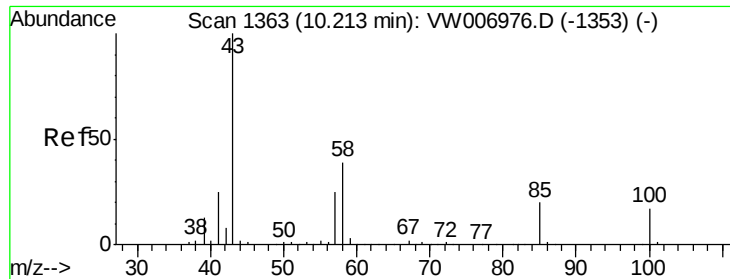
100 64.5 52.2 78.2



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: 1.248 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

Instrument :

MSVOA_W

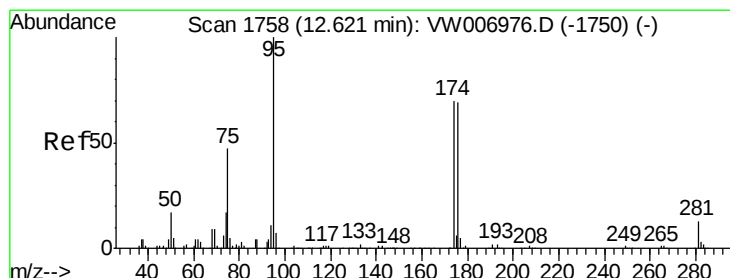
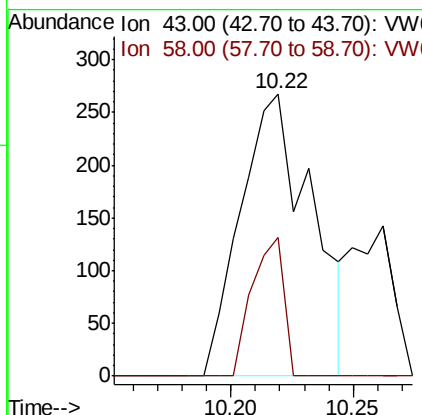
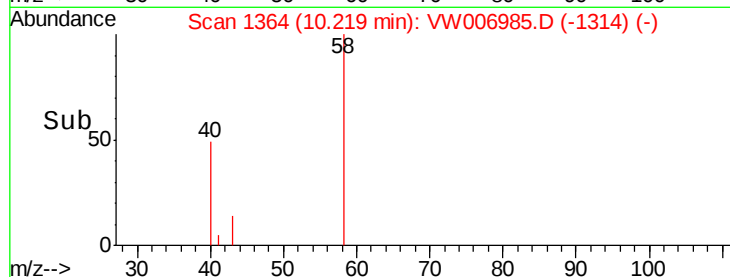
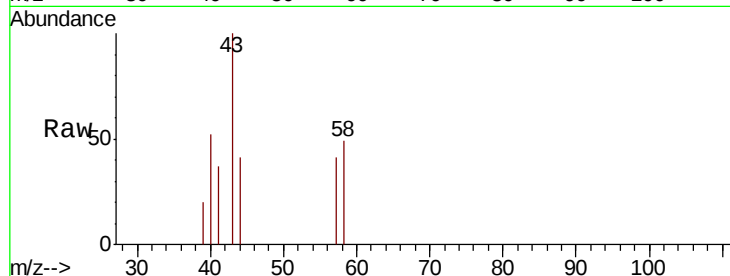
ClientSampleId :

Tot Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 21.8 31.8 47.6#



#62

4-Bromofluorobenzene

Concen: 18.978 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

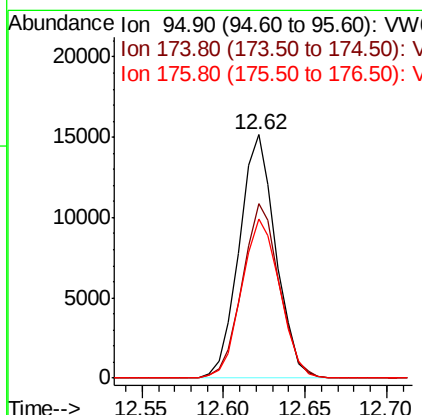
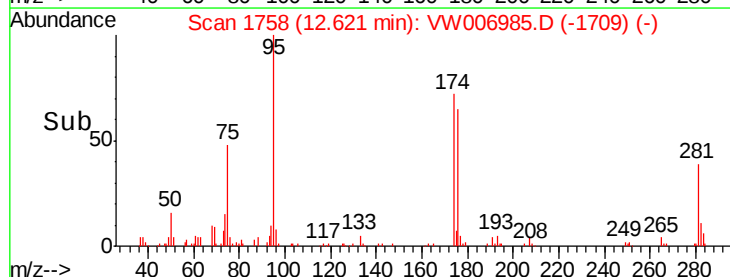
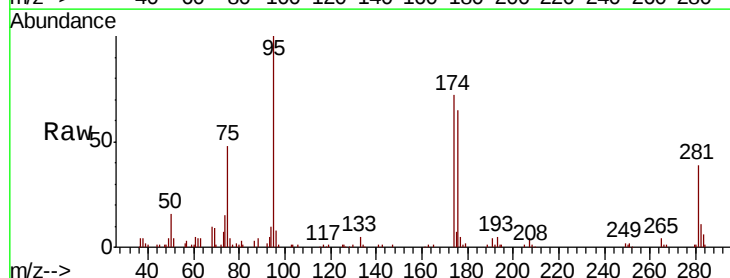
Tgt Ion: 95 Resp: 23670

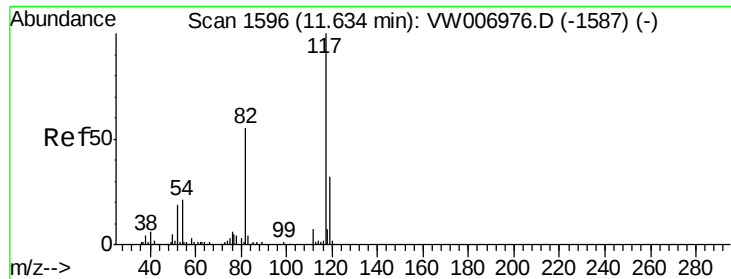
Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.6

176 68.3 0.0 140.4

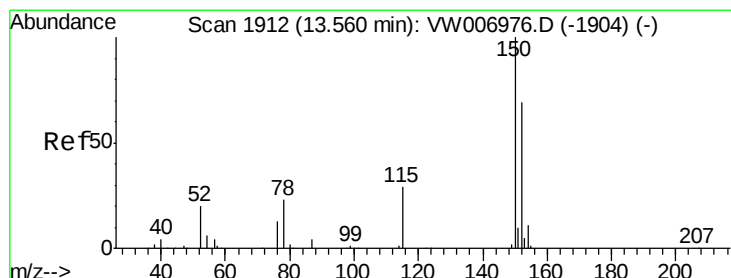
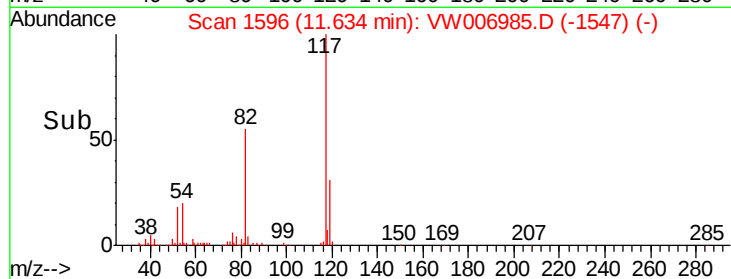
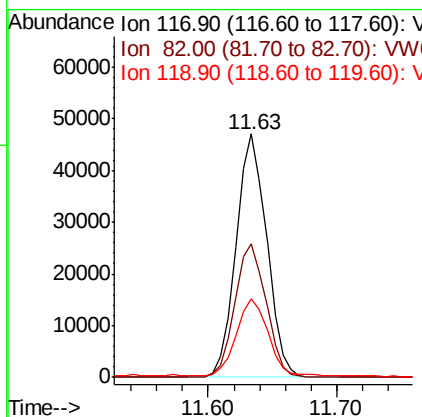
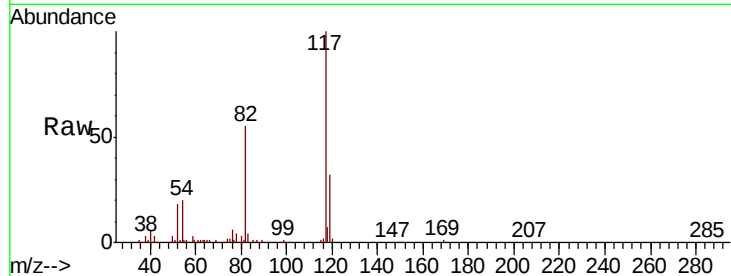




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

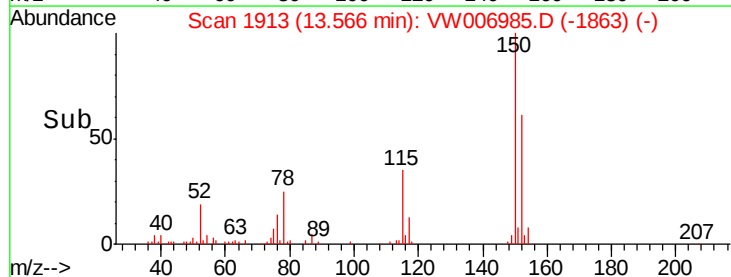
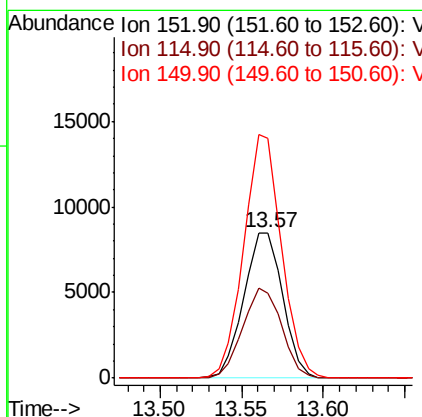
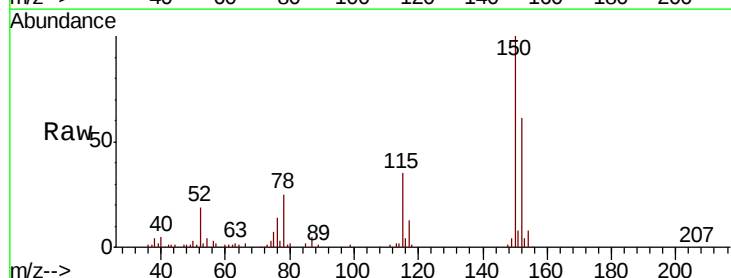
Instrument :
MSVOA_W
ClientSampleId :

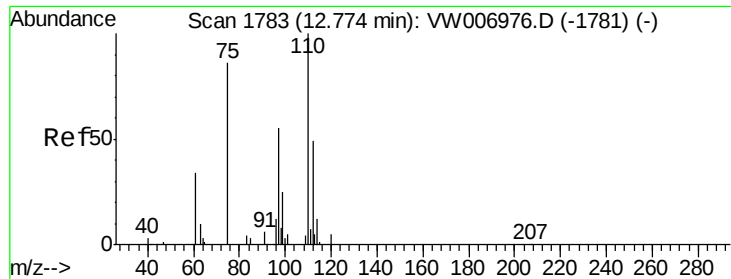
Tot Ion:117 Resp: 77689
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

Tgt Ion:152 Resp: 14137
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 161.9 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 106.061 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

Instrument :

MSVOA_W

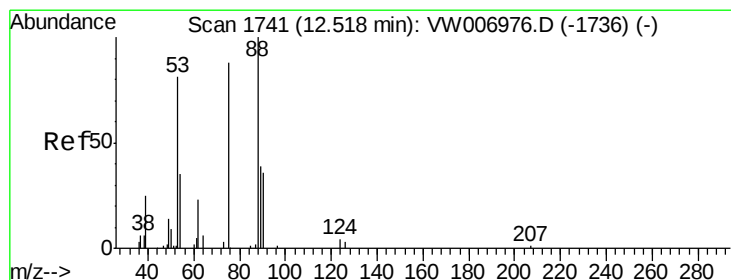
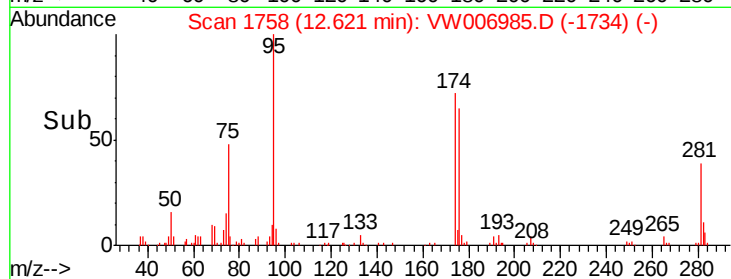
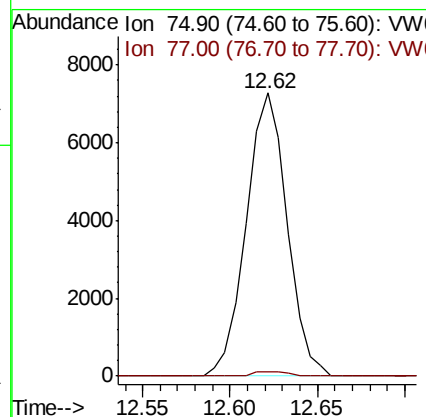
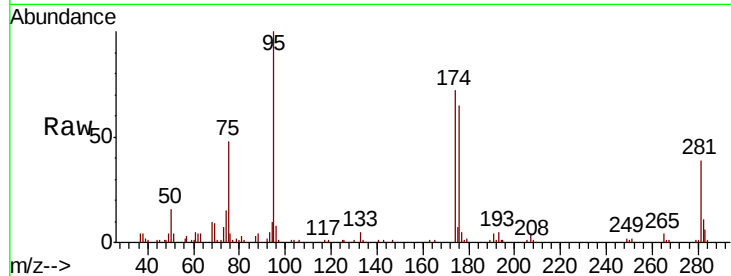
ClientSampled :

Tot Ion: 75 Resp: 11782

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 266.275 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

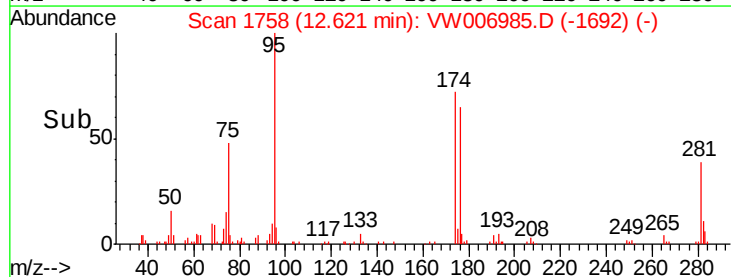
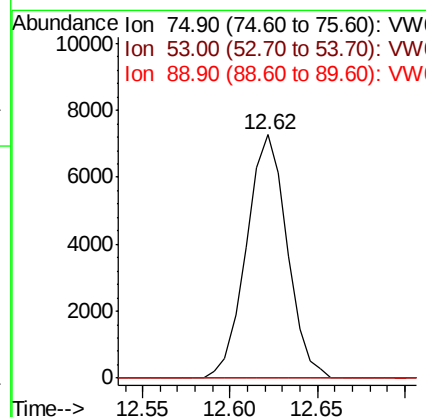
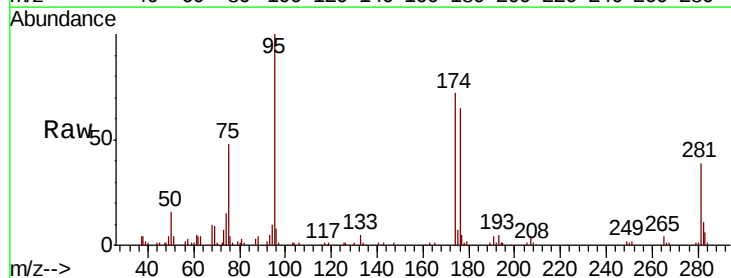
Tgt Ion: 75 Resp: 11782

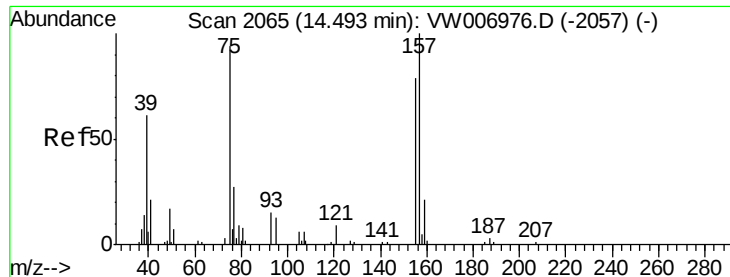
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.336 ug/l

RT: 14.34 min Scan# 2040

Delta R.T. -0.15 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

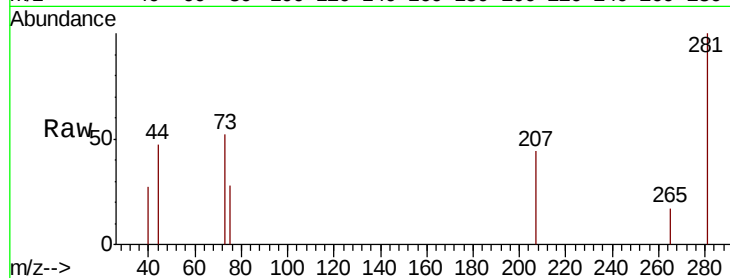
Tot Ion: 75 Resp: 33

Ion Ratio Lower Upper

75 100

155 0.0 42.6 127.8#

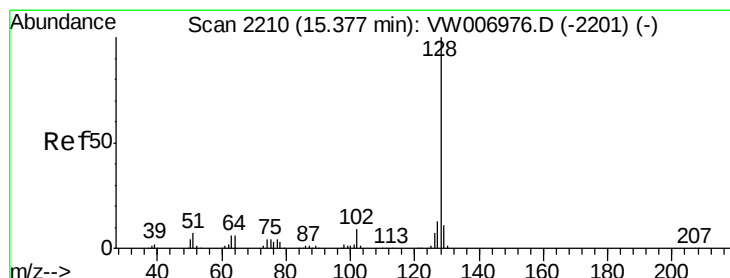
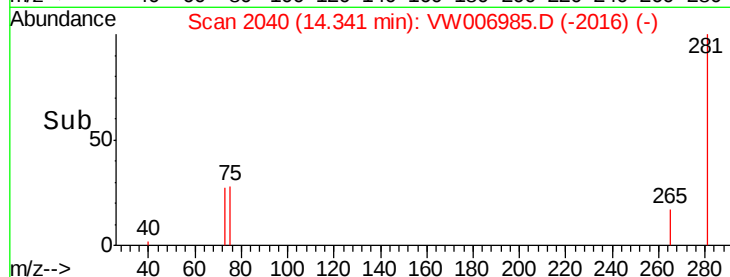
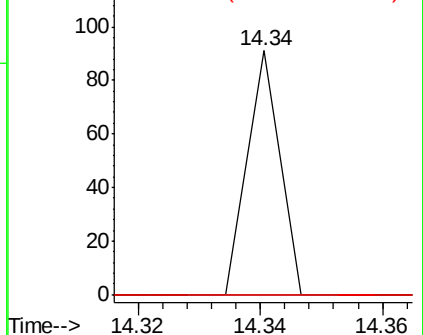
157 0.0 55.0 165.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.992 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

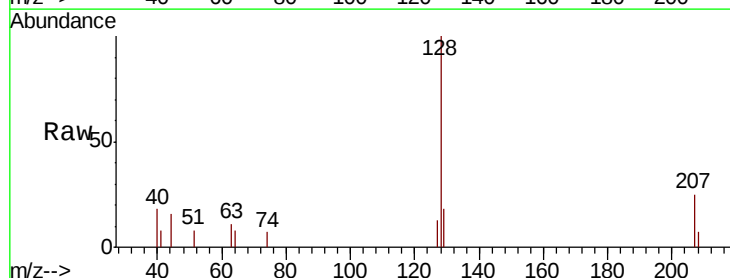
Tgt Ion: 128 Resp: 1512

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

