

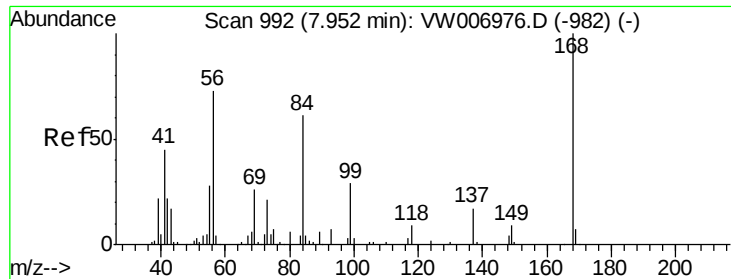
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007005.D
 Acq On : 21 Nov 2018 17:33
 Operator : VAY/AP
 Sample : J5768-05RE
 Misc : 6.72G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:37:53 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	117180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	186888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66166	57.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.36%	
35) Dibromofluoromethane	7.88	113	57024	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.32	98	224375	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.62	95	76984	41.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	14244	85.517	ug/l	99
20) Methylene Chloride	4.92	84	1291	Below Cal	#	94
31) Cyclohexane	7.96	56	2370	1.073	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	9057	4.959	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12385	7.082	ug/l #	19
51) 4-Methyl-2-Pentanone	10.33	43	958	1.503	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	37367	82.802	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37367	207.883	ug/l #	10
95) Naphthalene	15.37	128	2793	1.361	ug/l	99

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

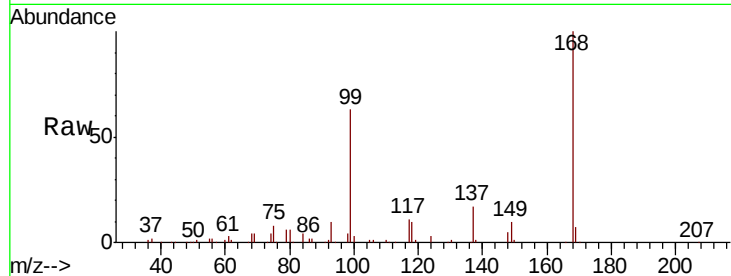


#1

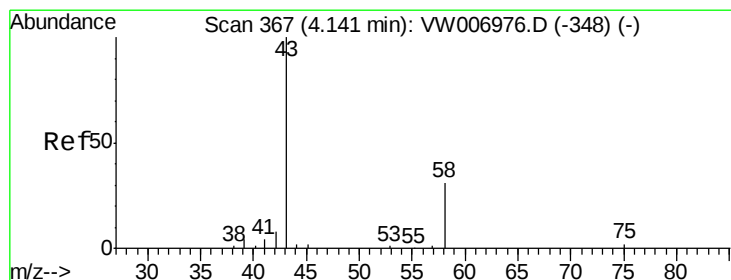
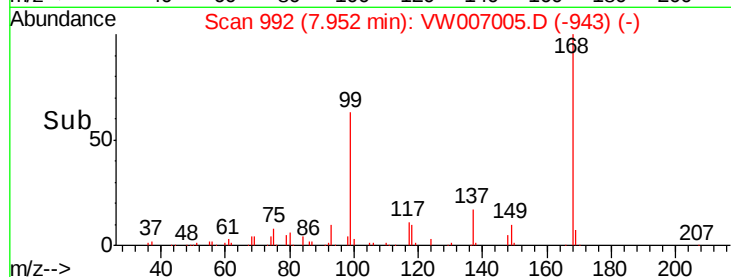
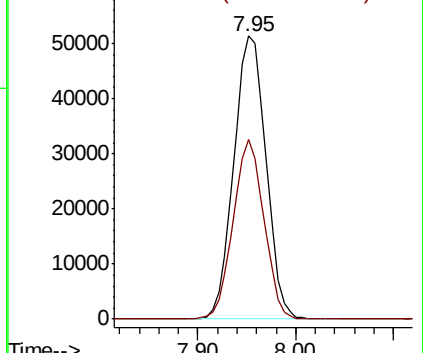
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW007005.D
 Acq: 21 Nov 2018 17:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:168 Resp: 117180
 Ion Ratio Lower Upper
 168 100
 99 63.5 48.2 72.4



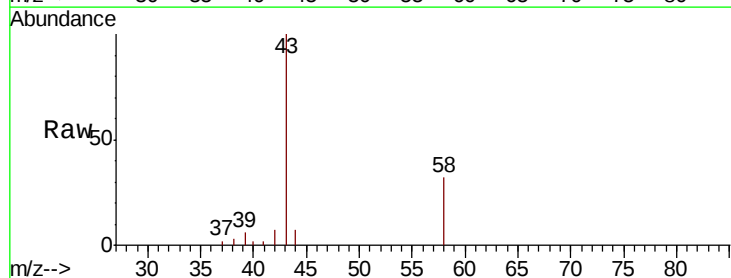
Abundance Ion 167.90 (167.60 to 168.60): VW006976.D (-982) (-)
 Ion 98.90 (98.60 to 99.60): VW006976.D (-982) (-)



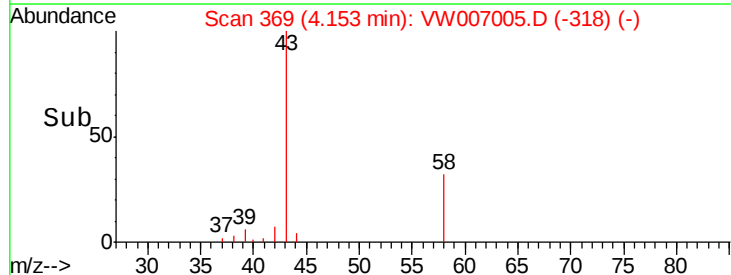
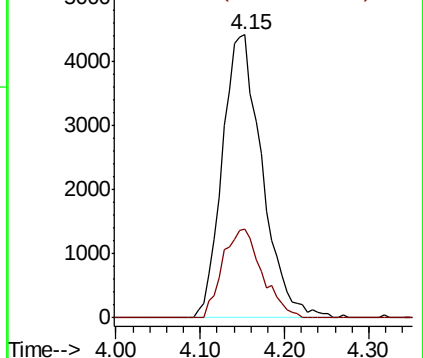
#16

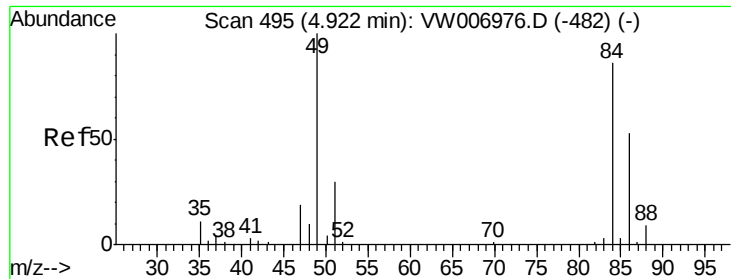
Acetone
 Concen: 85.517 ug/l
 RT: 4.15 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VW007005.D
 Acq: 21 Nov 2018 17:33

Tgt Ion: 43 Resp: 14244
 Ion Ratio Lower Upper
 43 100
 58 31.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW006976.D (-348) (-)
 Ion 58.00 (57.70 to 58.70): VW006976.D (-348) (-)

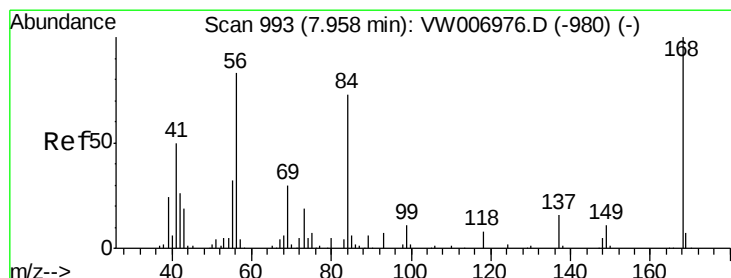
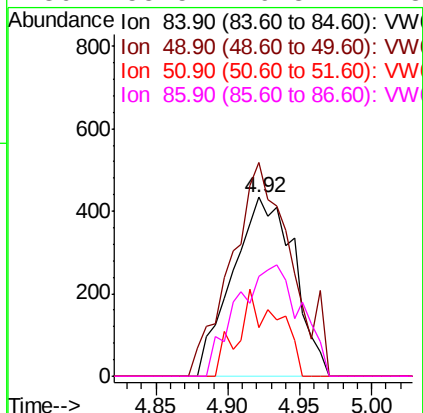
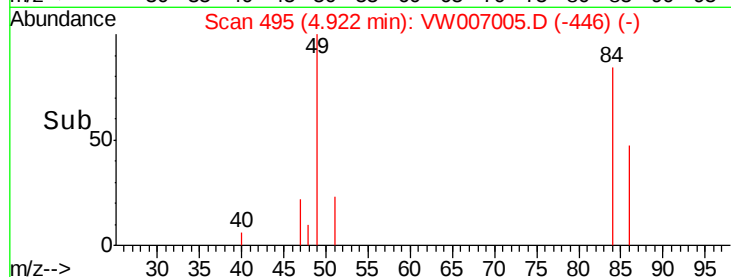
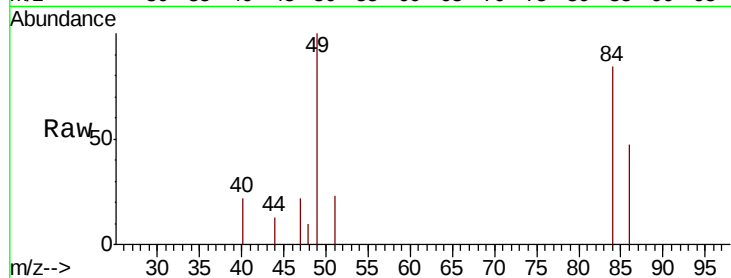




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007005.D
Acq: 21 Nov 2018 17:33

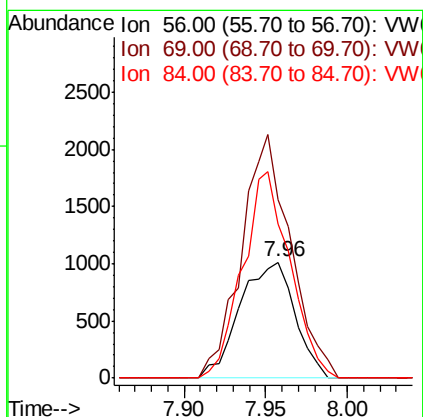
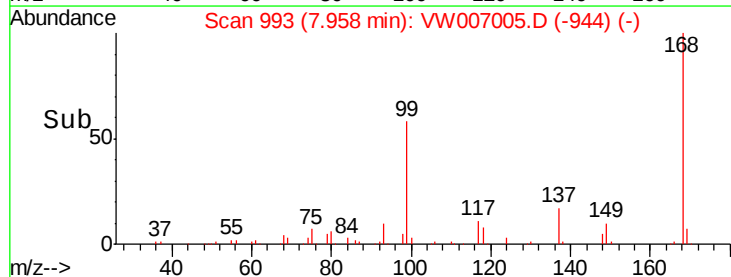
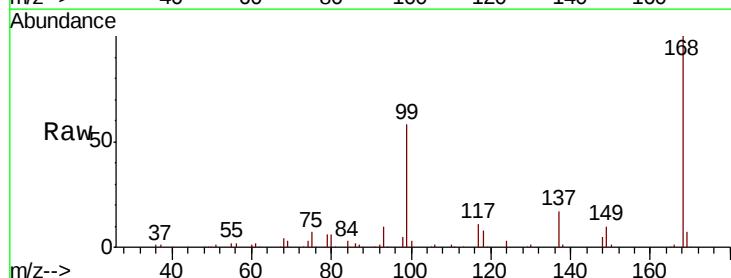
Instrument :
MSVOA_W
ClientSampleId :

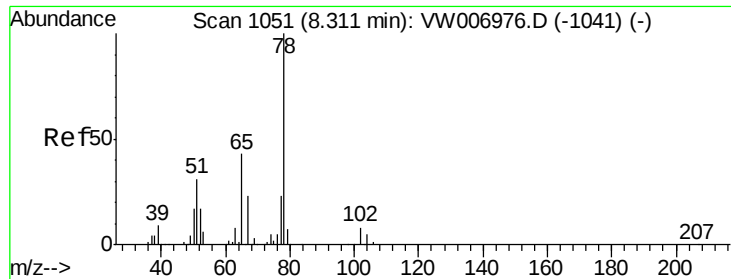
Tot Ion: 84 Resp: 1291
Ion Ratio Lower Upper
84 100
49 119.4 93.4 140.0
51 27.2 28.4 42.6#
86 55.5 49.8 74.8



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007005.D
Acq: 21 Nov 2018 17:33

Tgt Ion: 56 Resp: 2370
Ion Ratio Lower Upper
56 100
69 154.0 29.1 43.7#
84 132.8 70.6 105.8#

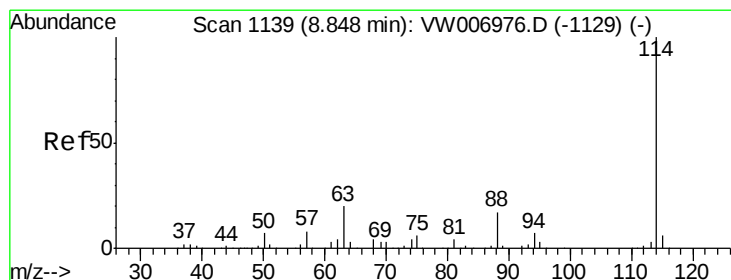
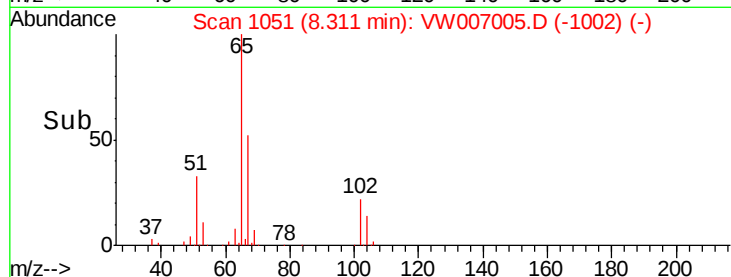
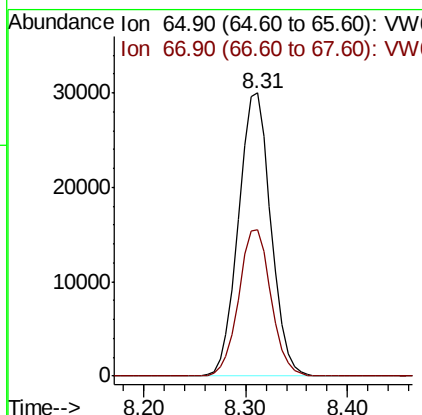
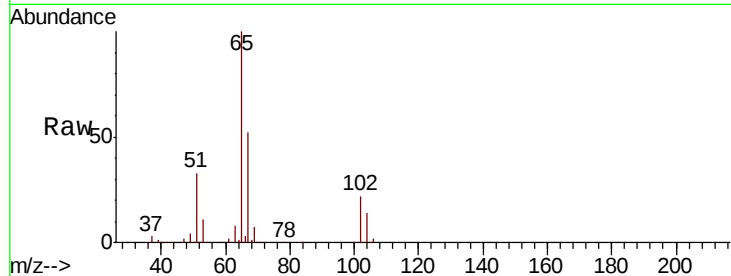




#33
 1,2-Dichloroethane-d4
 Concen: 57.675 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007005.D
 Acq: 21 Nov 2018 17:33

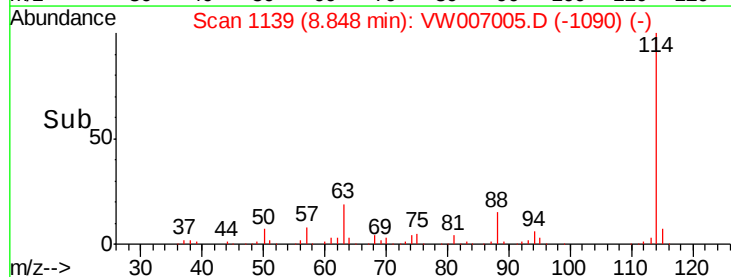
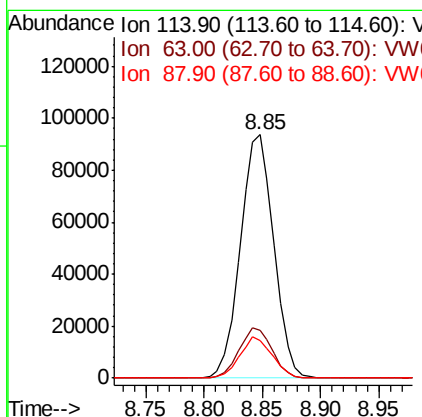
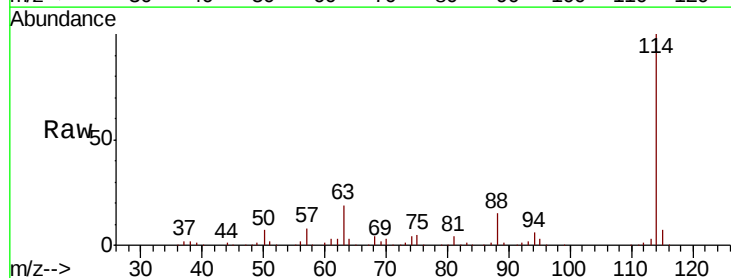
Instrument :
 MSVOA_W
 ClientSampleId :

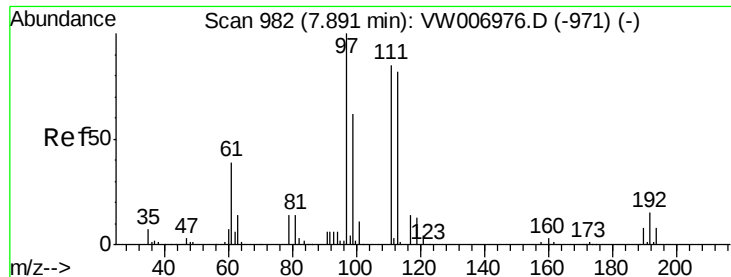
Tot Ion: 65 Resp: 66166
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007005.D
 Acq: 21 Nov 2018 17:33

Tgt Ion: 114 Resp: 186888
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.2 0.0 34.2

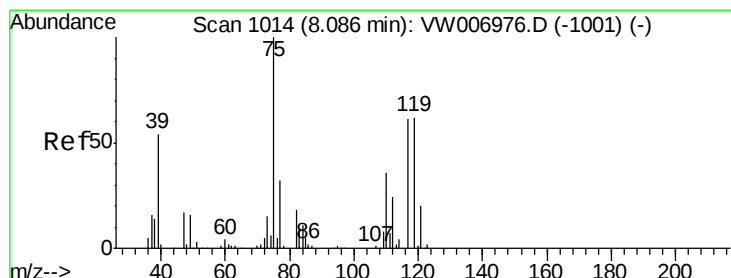
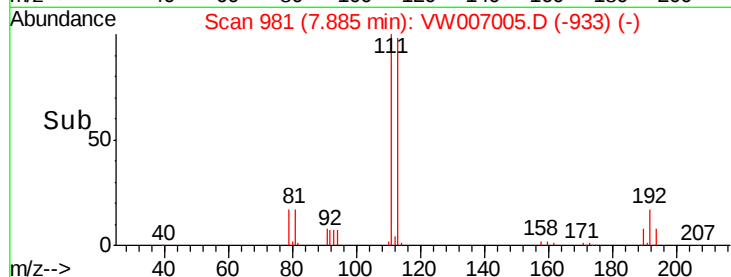
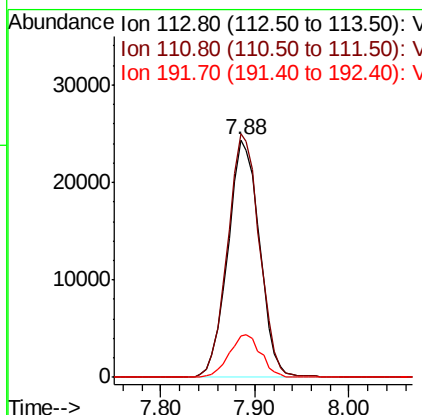
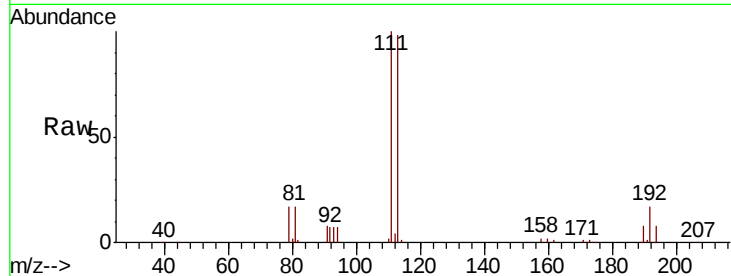




#35
 Dibromofluoromethane
 Concen: 54.030 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007005.D
 Acq: 21 Nov 2018 17:33

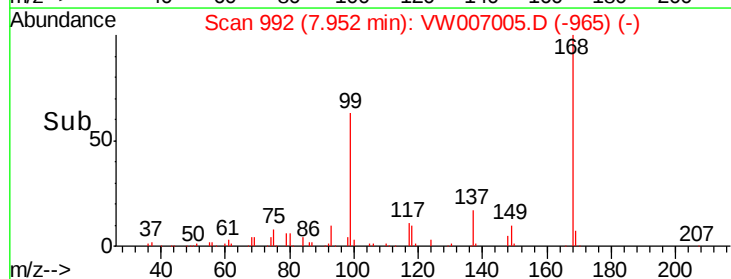
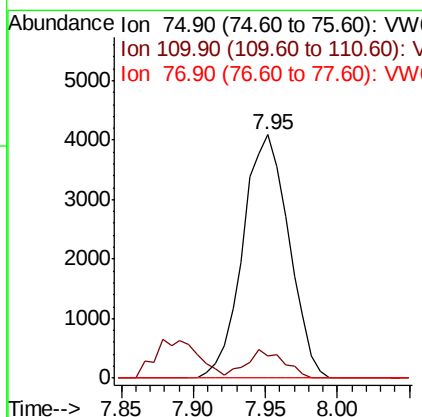
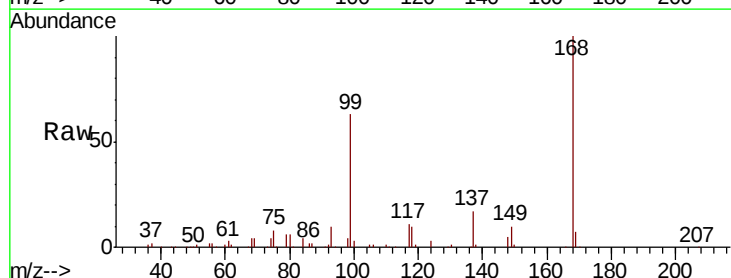
Instrument :
 MSVOA_W
 ClientSampleId :

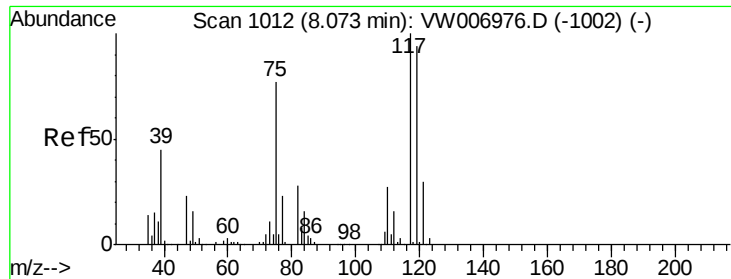
Tot Ion:113 Resp: 57024
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.6
 192 17.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 4.959 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007005.D
 Acq: 21 Nov 2018 17:33

Tgt Ion: 75 Resp: 9057
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.0 54.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 7.082 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007005.D

Acq: 21 Nov 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

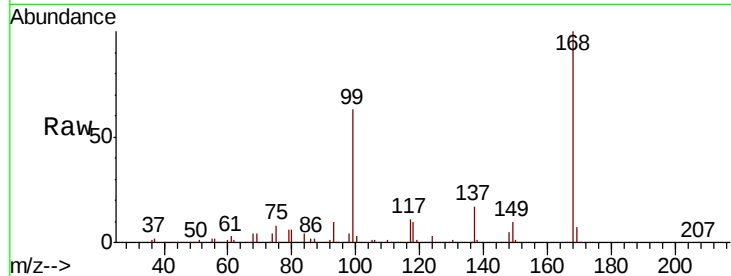
Tot Ion:117 Resp: 12385

Ion Ratio Lower Upper

117 100

119 7.1 74.9 112.3#

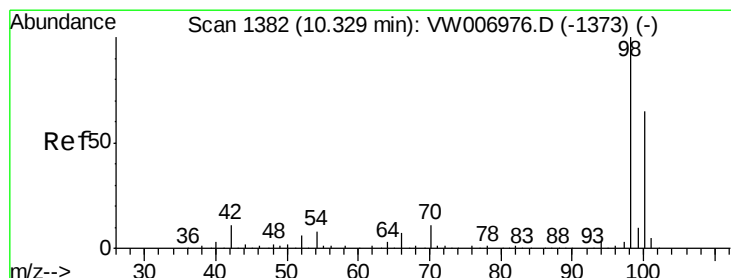
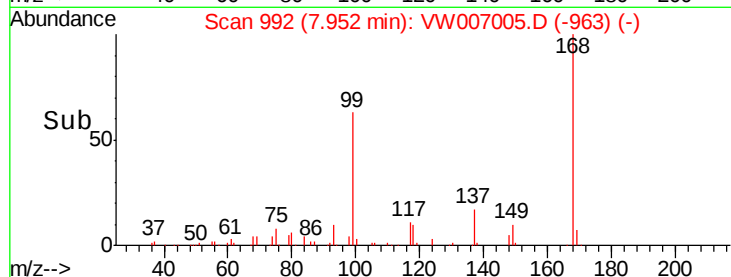
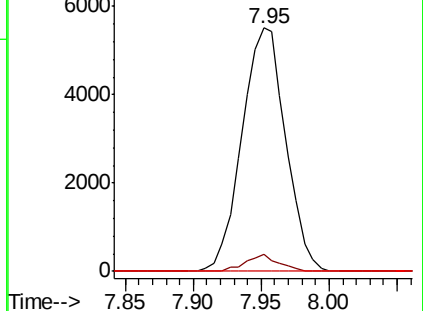
121 0.0 23.6 35.4#



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: 48.144 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007005.D

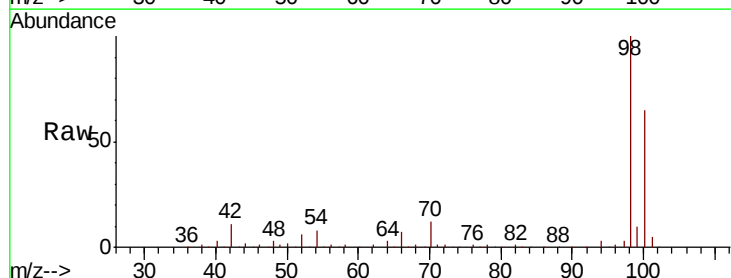
Acq: 21 Nov 2018 17:33

Tgt Ion: 98 Resp: 224375

Ion Ratio Lower Upper

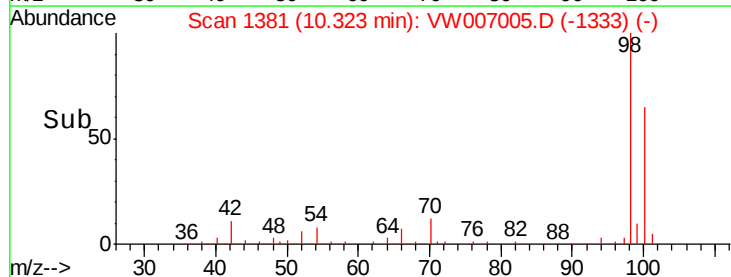
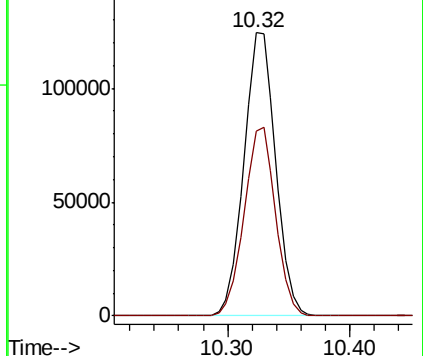
98 100

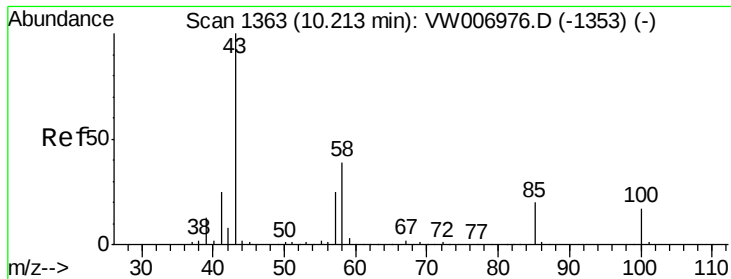
100 65.9 52.2 78.2



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: 1.503 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007005.D

Acq: 21 Nov 2018 17:33

Instrument :

MSVOA_W

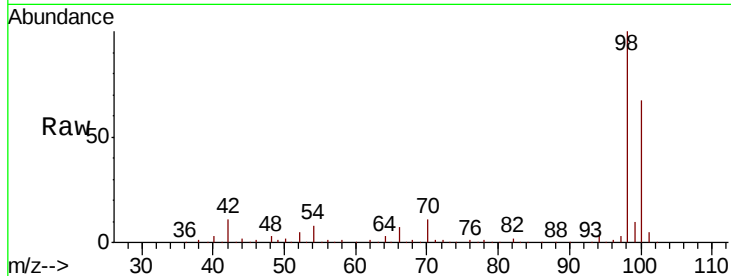
ClientSampled :

Tot Ion: 43 Resp: 958

Ion Ratio Lower Upper

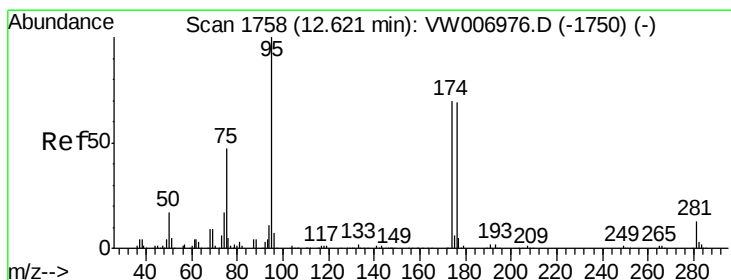
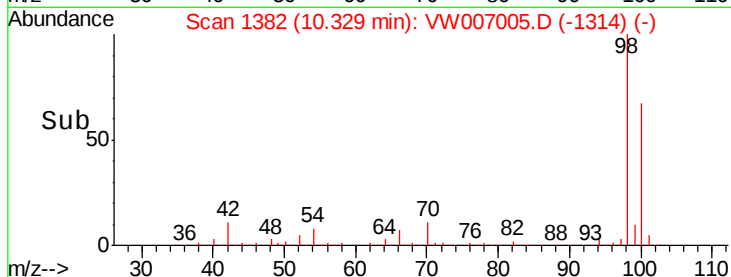
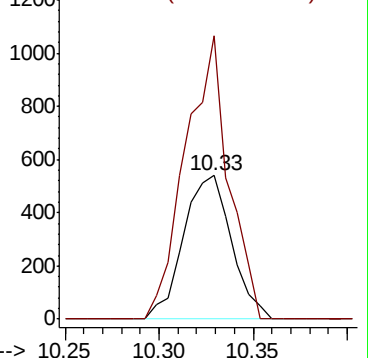
43 100

58 176.9 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: 41.976 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007005.D

Acq: 21 Nov 2018 17:33

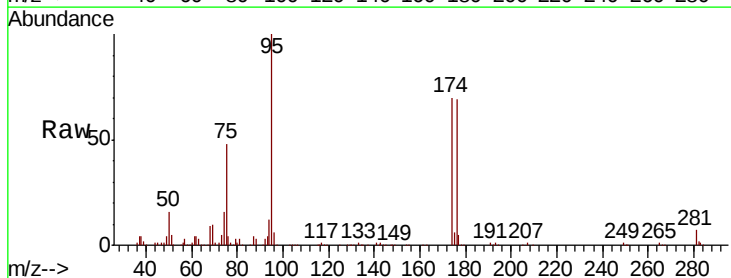
Tgt Ion: 95 Resp: 76984

Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.6

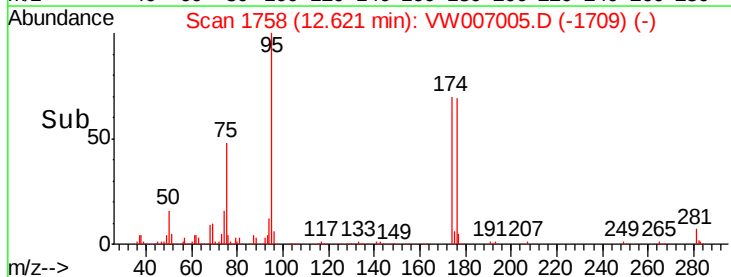
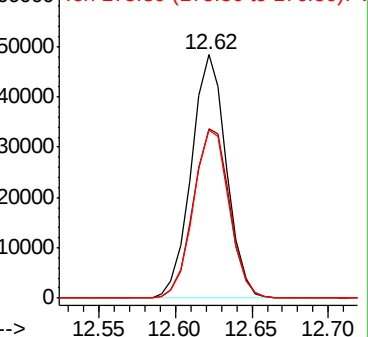
176 71.0 0.0 140.4

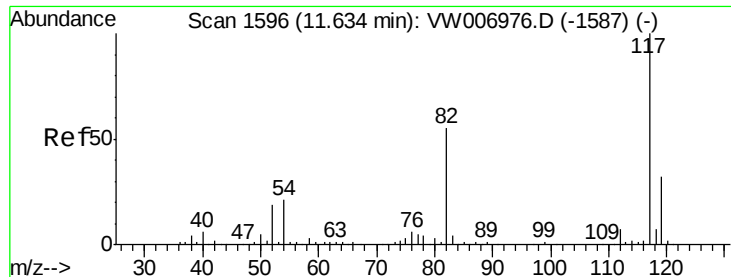


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007005.D

Acq: 21 Nov 2018 17:33

Instrument :

MSVOA_W

ClientSampleId :

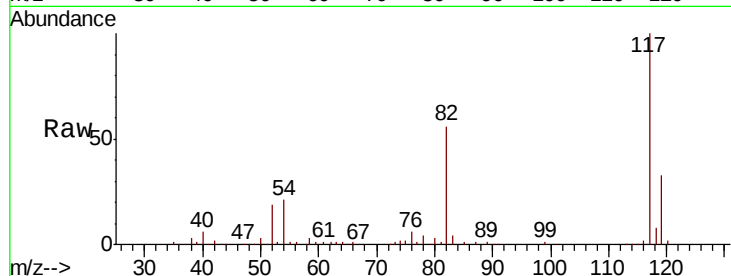
Tot Ion:117 Resp: 158182

Ion Ratio Lower Upper

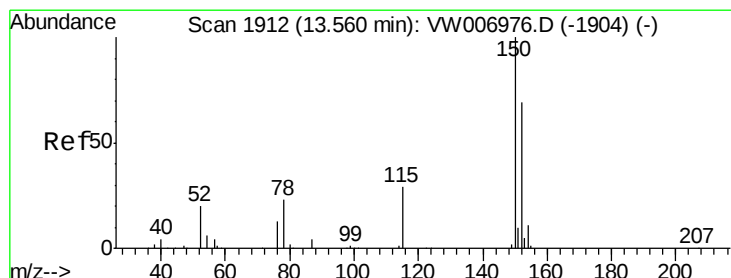
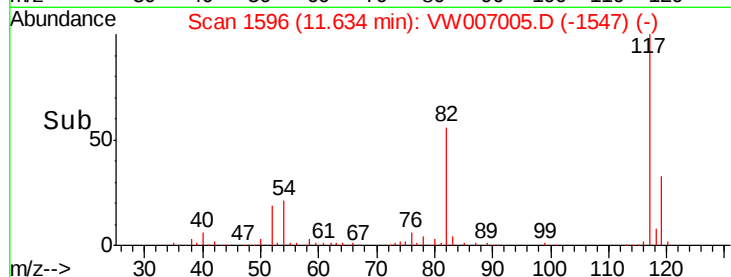
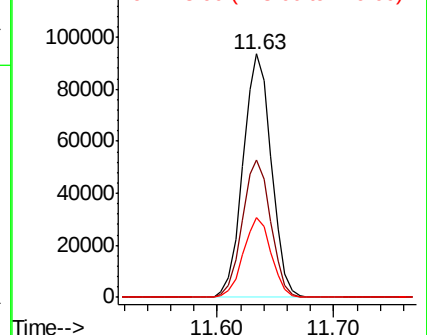
117 100

82 56.3 44.2 66.2

119 32.7 25.9 38.9



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: VW007005.D

Acq: 21 Nov 2018 17:33

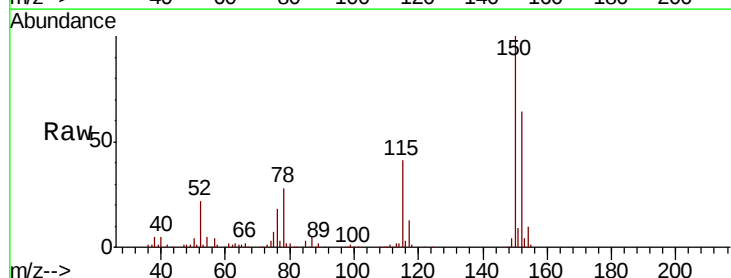
Tgt Ion:152 Resp: 57430

Ion Ratio Lower Upper

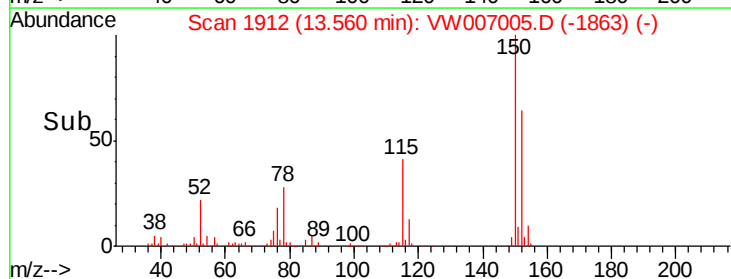
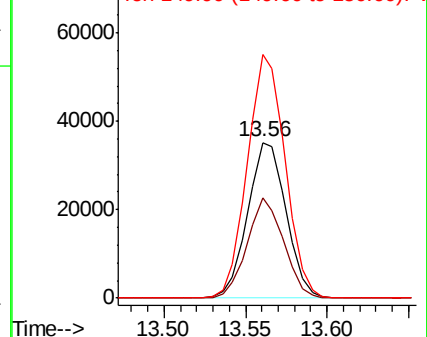
152 100

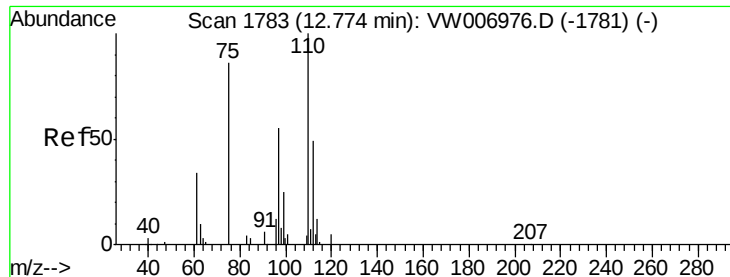
115 61.2 31.4 94.2

150 154.8 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: 82.802 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007005.D

Acq: 21 Nov 2018 17:33

Instrument :

MSVOA_W

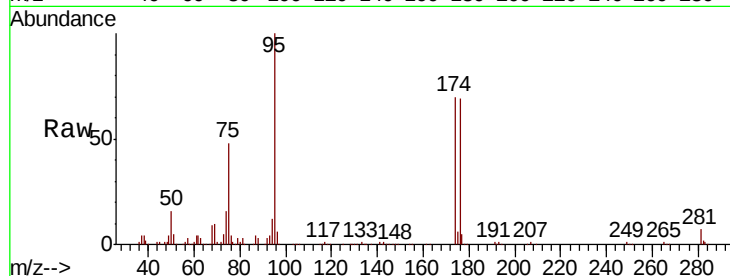
ClientSampled :

Tot Ion: 75 Resp: 37367

Ion Ratio Lower Upper

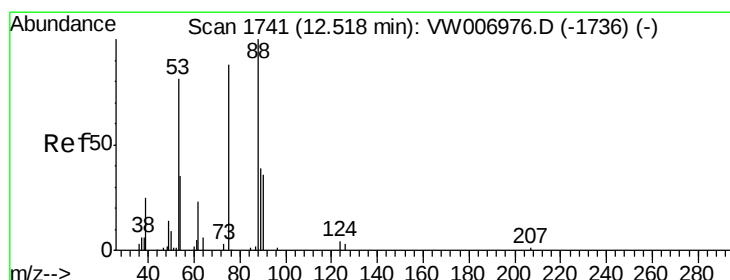
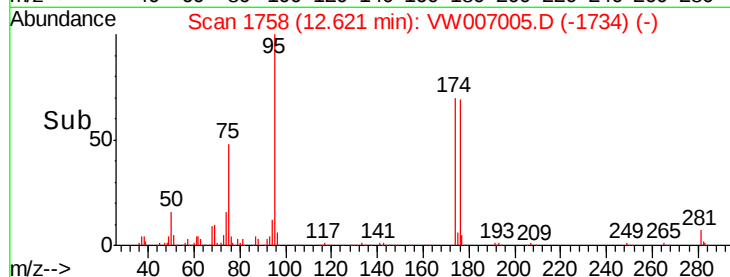
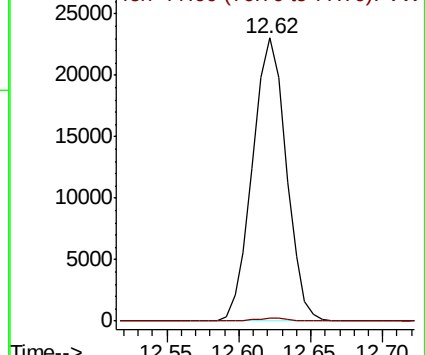
75 100

77 0.9 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: 207.883 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007005.D

Acq: 21 Nov 2018 17:33

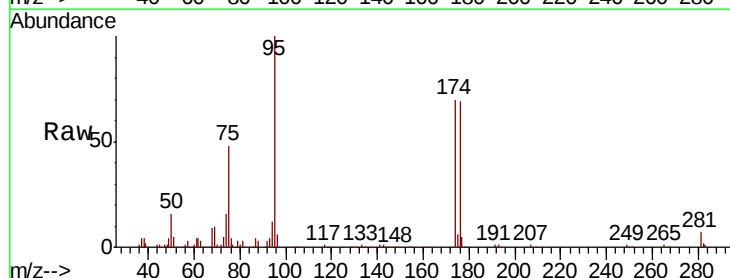
Tgt Ion: 75 Resp: 37367

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

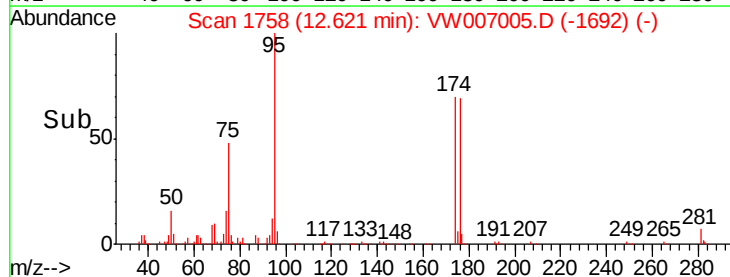
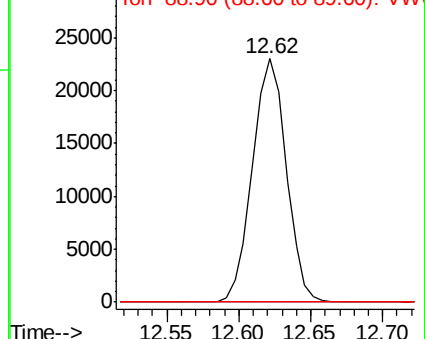
89 0.0 39.3 58.9#

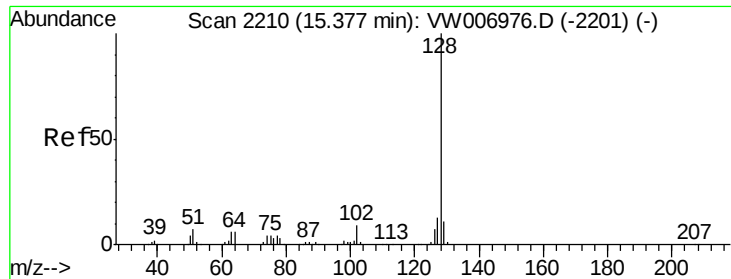


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

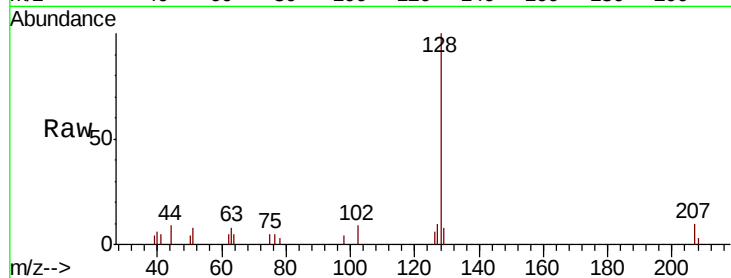




#95
Naphthalene
Concen: 1.361 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007005.D
Acq: 21 Nov 2018 17:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.0	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

