

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014511.D
 Acq On : 03 Jan 2020 20:50
 Operator : SY/VA
 Sample : K6482-03
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 06 00:46:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

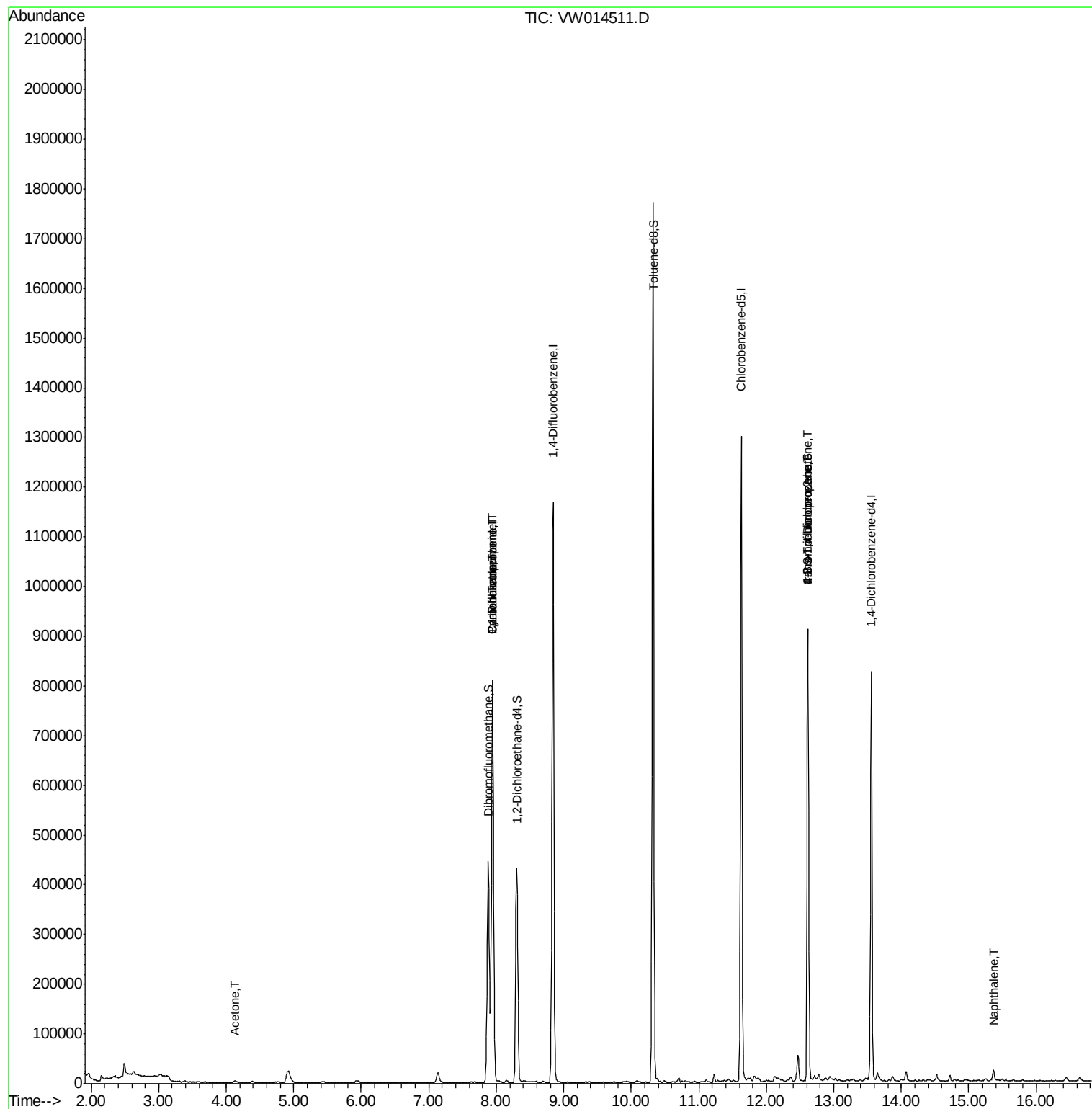
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	637178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1004974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	745764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	225708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	342394	61.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.92%	
35) Dibromofluoromethane	7.88	113	330832	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
50) Toluene-d8	10.32	98	1188645	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	294203	36.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.38%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	669	Below Cal	#	92
16) Acetone	4.12	43	7695	4.892	ug/l	90
20) Methylene Chloride	4.93	84	22199	Below Cal		92
31) Cyclohexane	7.95	56	11945	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	45399	4.686	ug/l #	48
38) Carbon Tetrachloride	7.95	117	56417	6.712	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	144793	67.849	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	144793	151.171	ug/l #	14
95) Naphthalene	15.36	128	18922	2.499	ug/l	98

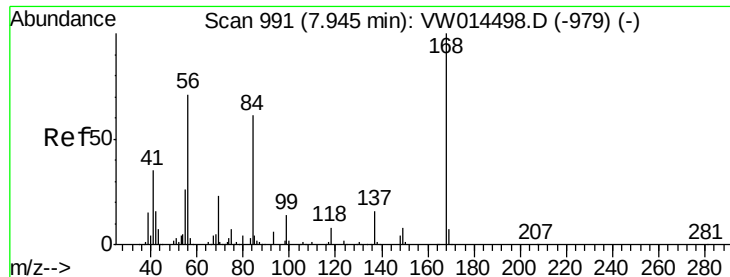
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

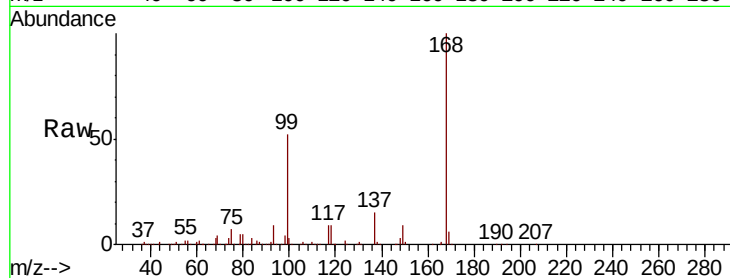
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 637178

Ion Ratio Lower Upper

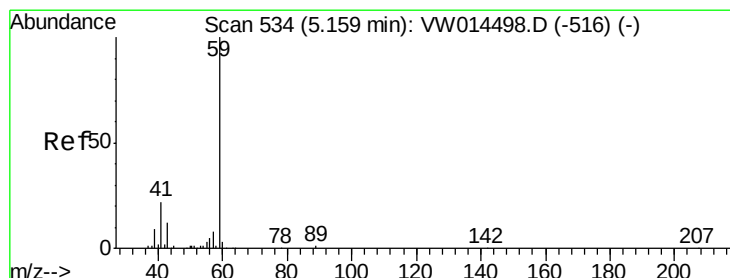
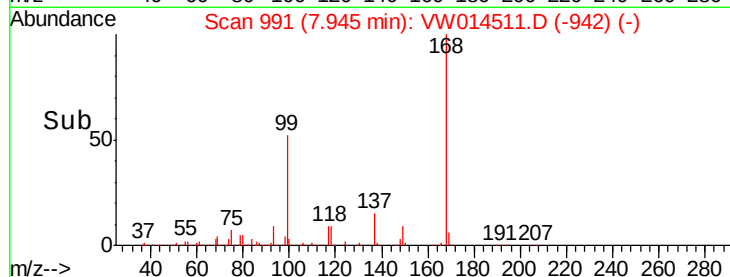
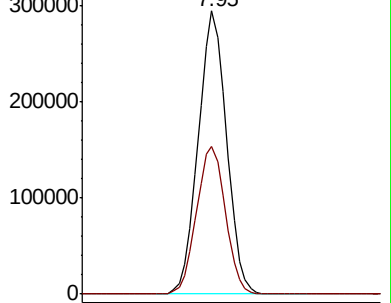
168 100

99 52.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW014511.D

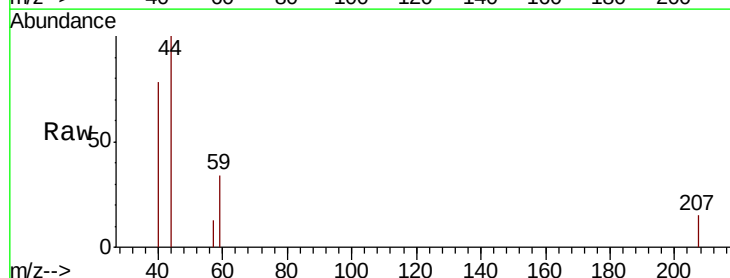
Acq: 03 Jan 2020 20:50

Tgt Ion: 59 Resp: 669

Ion Ratio Lower Upper

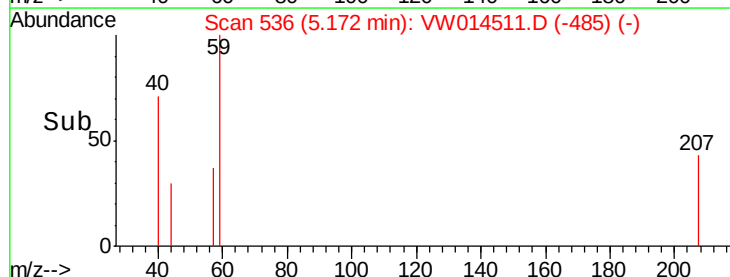
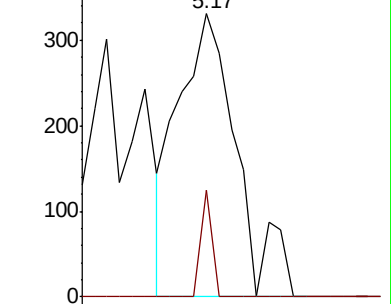
59 100

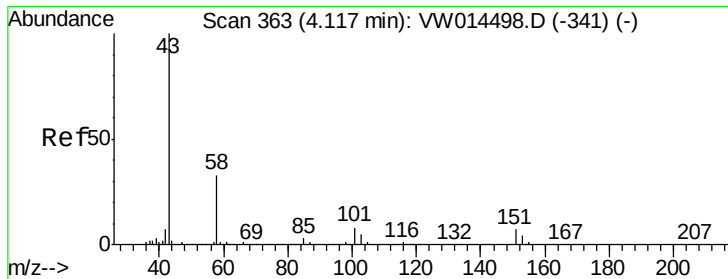
57 6.7 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.892 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

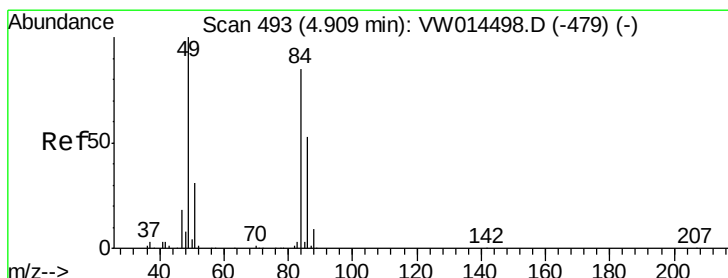
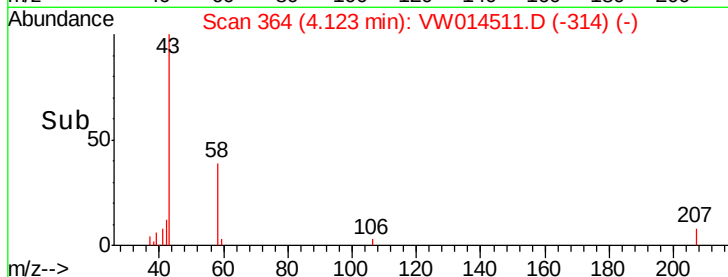
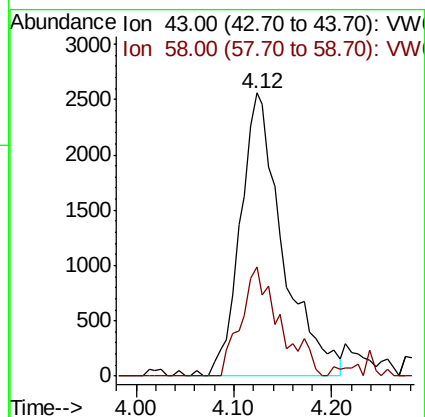
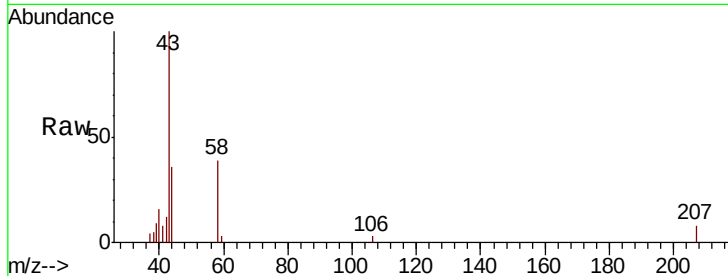
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7695

Ion Ratio Lower Upper

43 100

58 38.6 26.6 39.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

Tgt Ion: 84 Resp: 22199

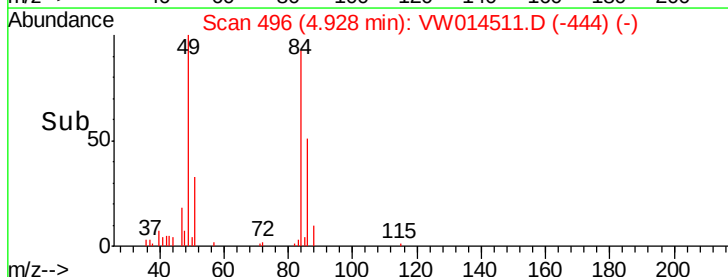
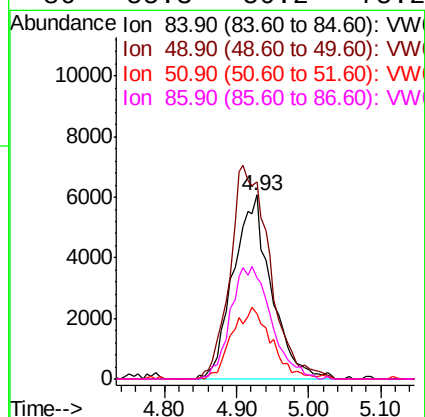
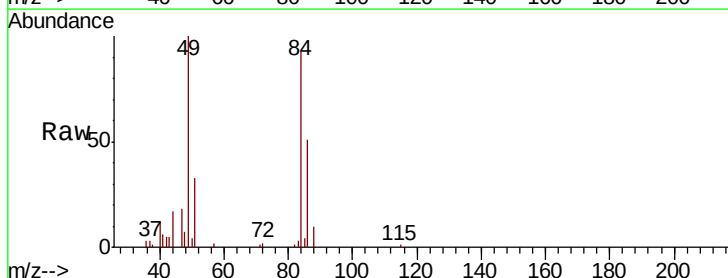
Ion Ratio Lower Upper

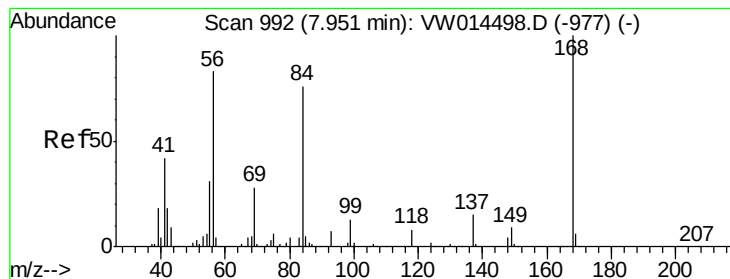
84 100

49 107.4 94.4 141.6

51 35.7 29.5 44.3

86 55.3 50.2 75.2





#31

Cyclohexane

Concen: 1.005 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

Instrument :

MSVOA_W

ClientSampled :

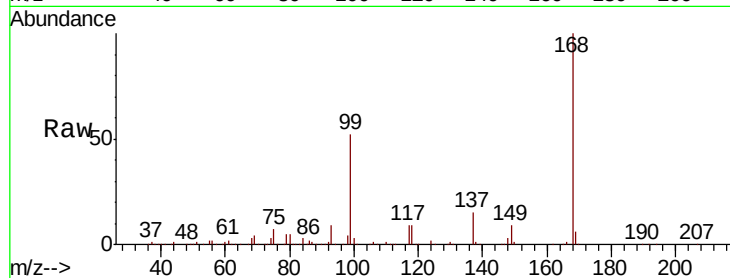
Tot Ion: 56 Resp: 11945

Ion Ratio Lower Upper

56 100

69 215.5 26.8 40.2#

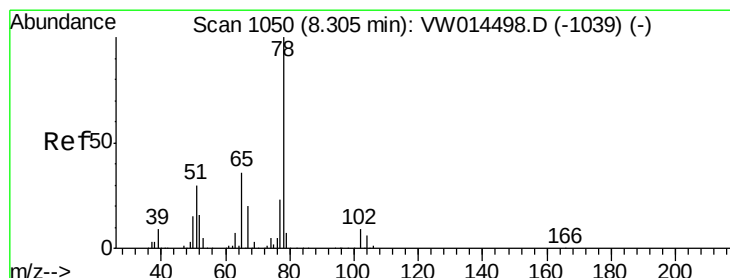
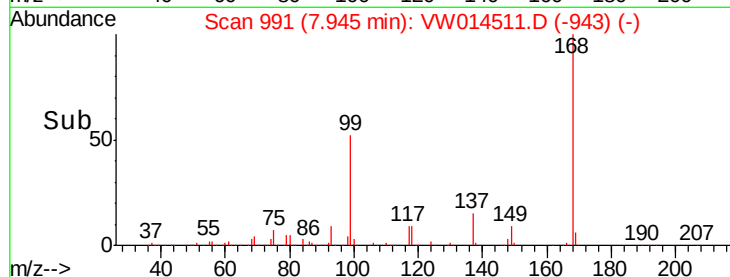
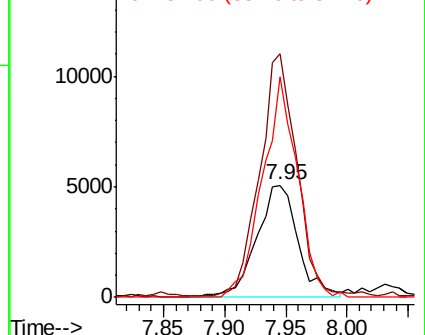
84 196.8 71.8 107.6#



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: 61.461 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014511.D

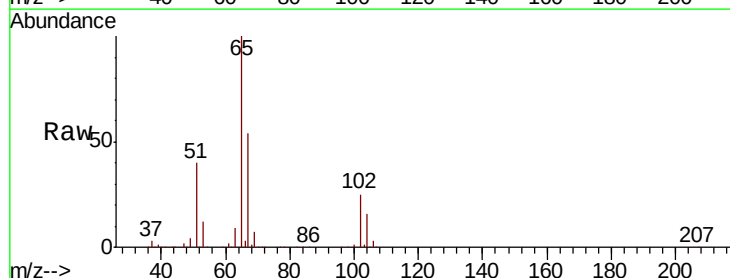
Acq: 03 Jan 2020 20:50

Tgt Ion: 65 Resp: 342394

Ion Ratio Lower Upper

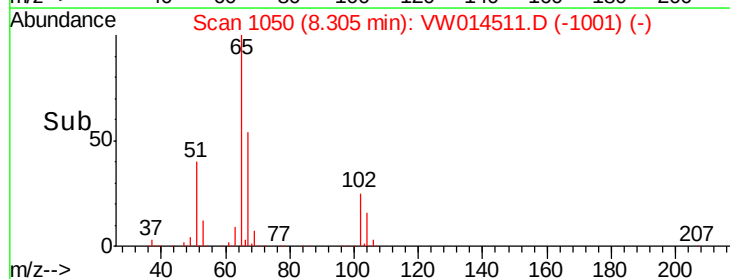
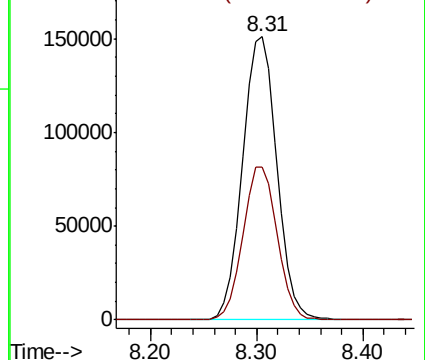
65 100

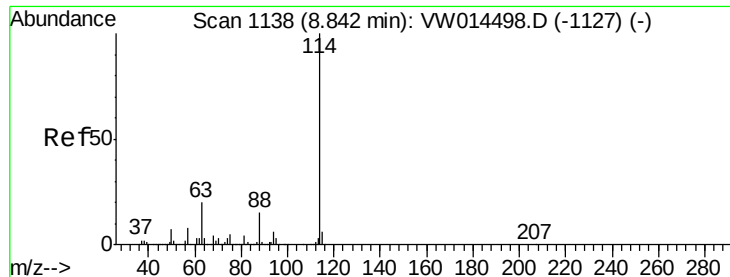
67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

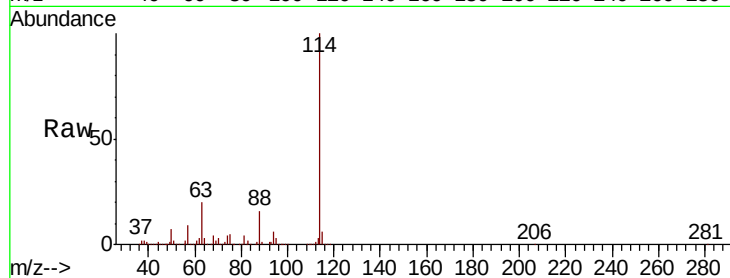




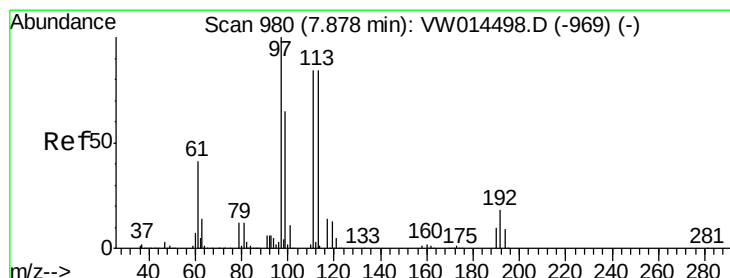
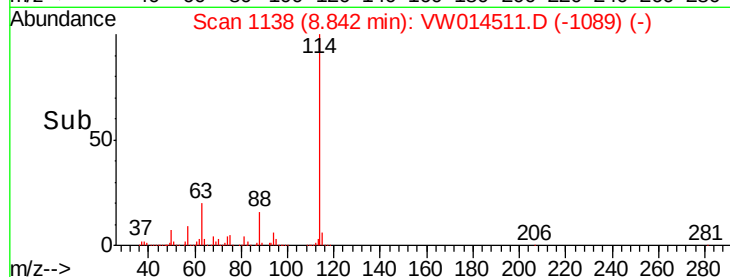
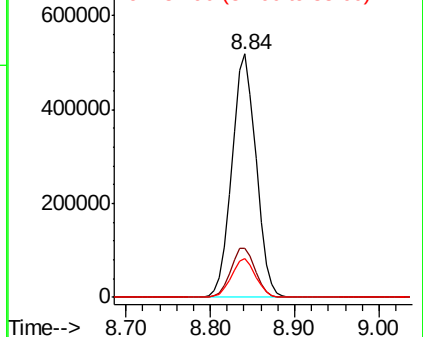
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014511.D
Acq: 03 Jan 2020 20:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 1004974
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.4
88 16.1 0.0 30.6

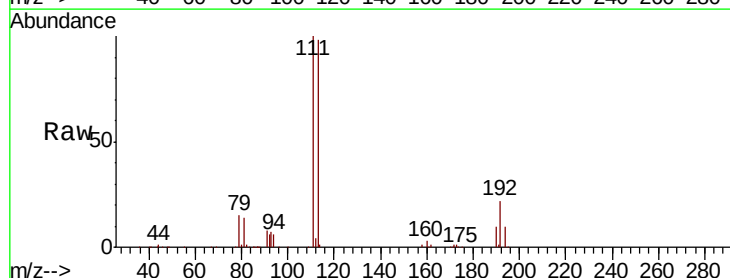


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

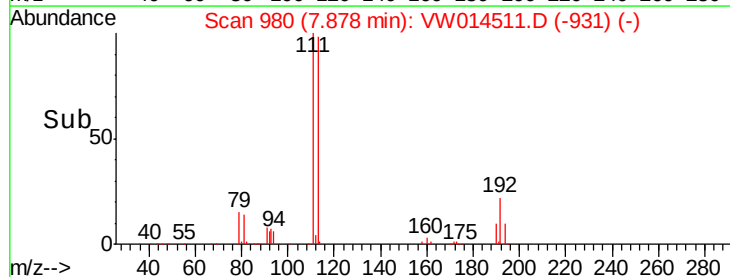
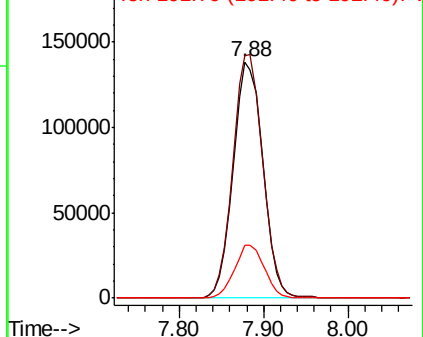


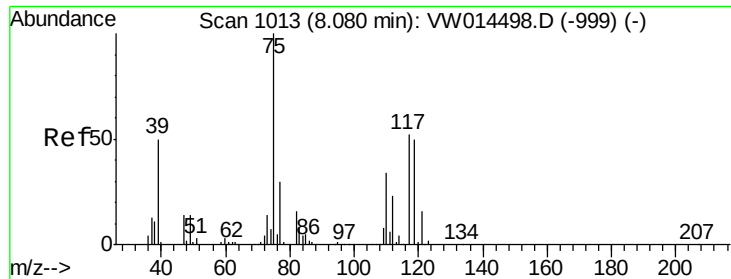
#35
Dibromofluoromethane
Concen: 57.600 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW014511.D
Acq: 03 Jan 2020 20:50

Tgt Ion:113 Resp: 330832
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.2
192 22.4 17.8 26.8



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

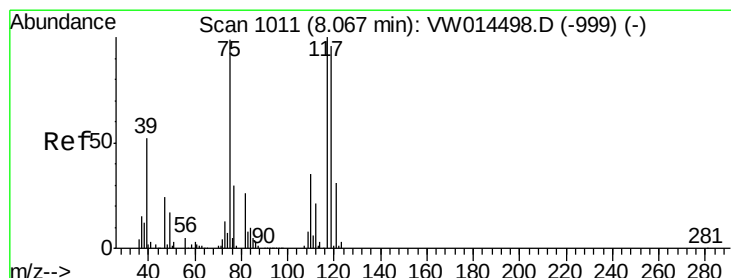
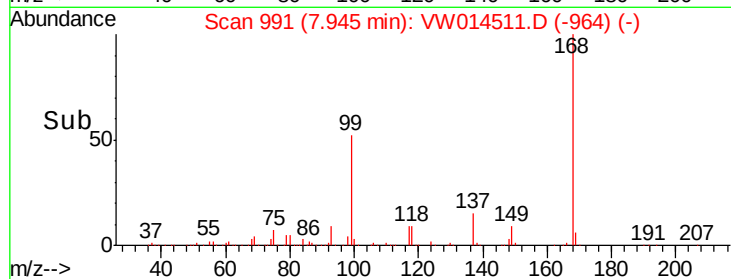
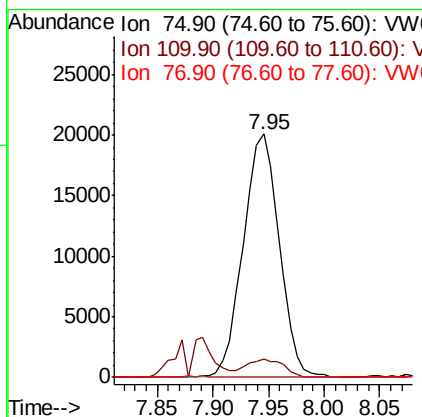
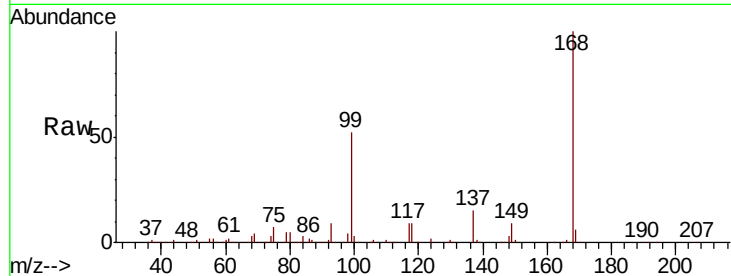




#36
 1,1-Dichloropropene
 Concen: 4.686 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014511.D
 Acq: 03 Jan 2020 20:50

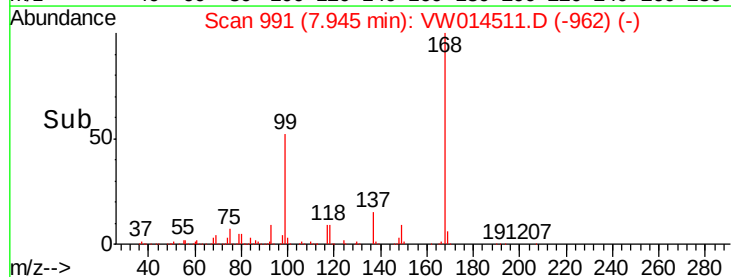
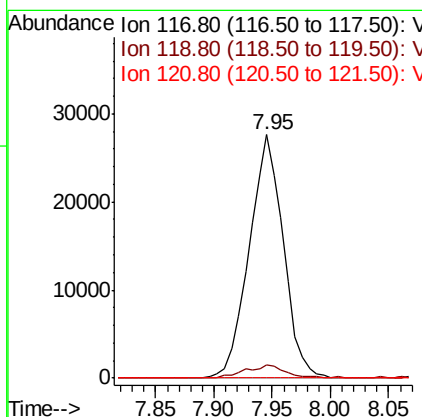
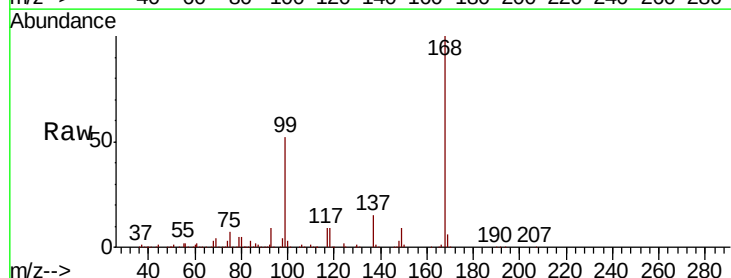
Instrument :
 MSVOA_W
 ClientSampled :

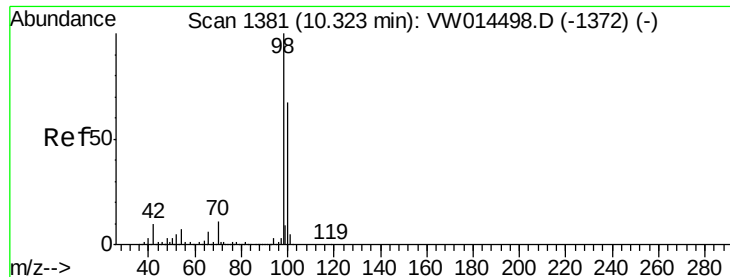
Tot Ion	75	Resp	45399
Ion Ratio	Lower	Upper	
75	100		
110	7.6	17.8	53.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.712 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014511.D
 Acq: 03 Jan 2020 20:50

Tgt Ion	117	Resp	56417
Ion Ratio	Lower	Upper	
117	100		
119	5.3	77.0	115.6#
121	0.0	24.6	36.8#

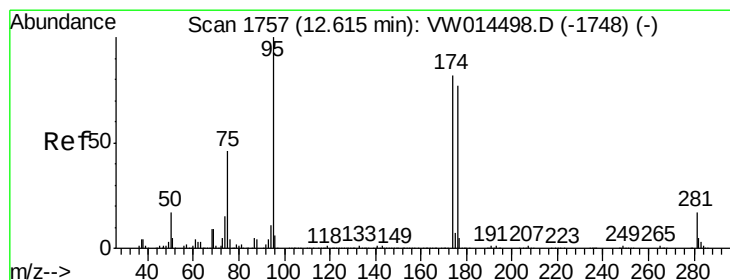
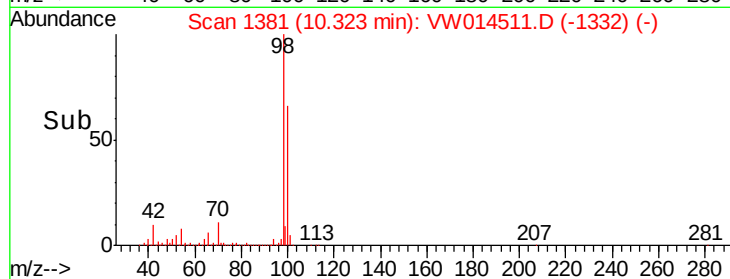
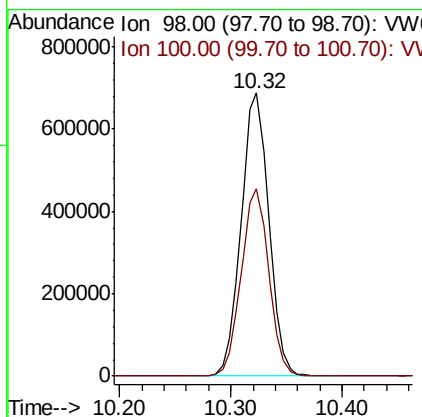
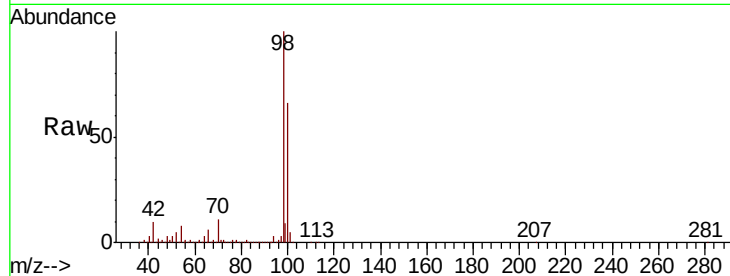




#50
Toluene-d8
Concen: 49.590 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014511.D
Acq: 03 Jan 2020 20:50

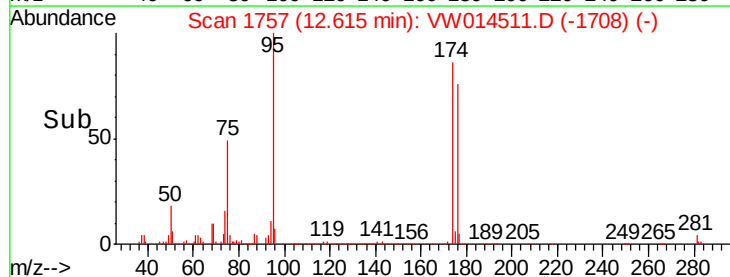
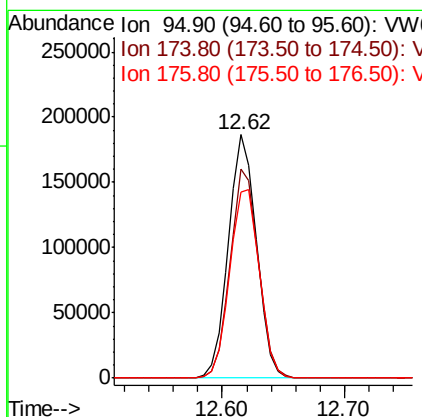
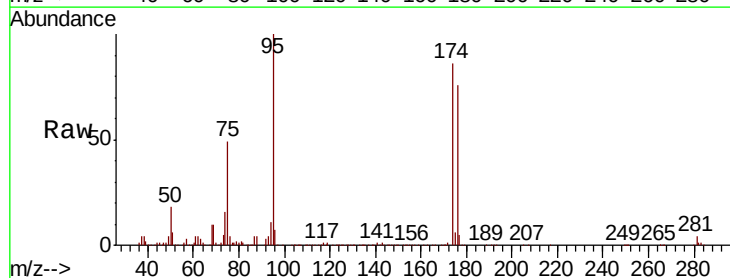
Instrument :
MSVOA_W
ClientSampleId :

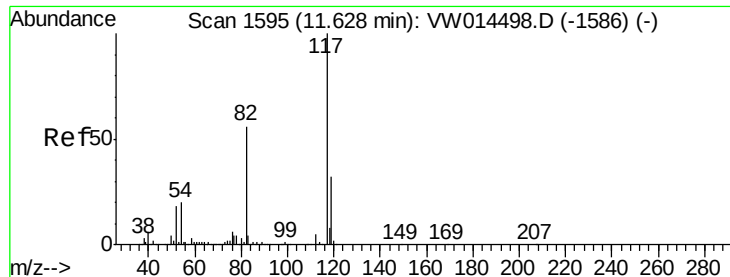
Tot Ion: 98 Resp: 1188645
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 36.187 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014511.D
Acq: 03 Jan 2020 20:50

Tgt Ion: 95 Resp: 294203
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.6
176 82.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

Instrument :

MSVOA_W

ClientSampled :

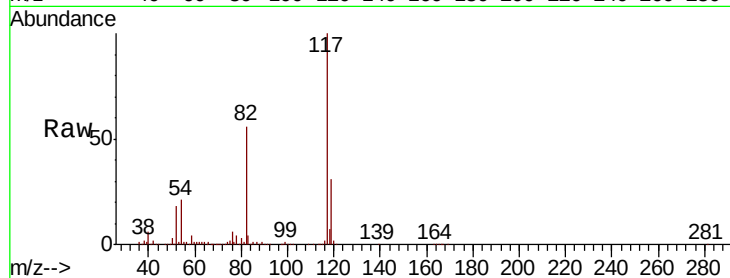
Tot Ion:117 Resp: 745764

Ion Ratio Lower Upper

117 100

82 55.6 44.6 67.0

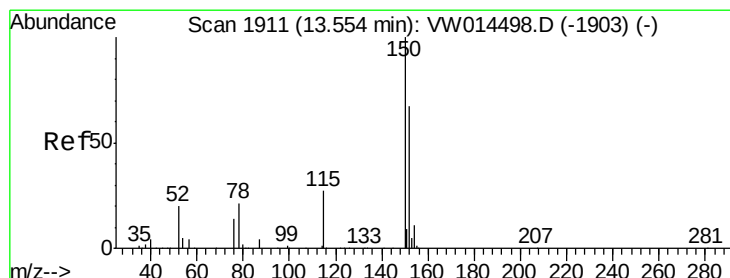
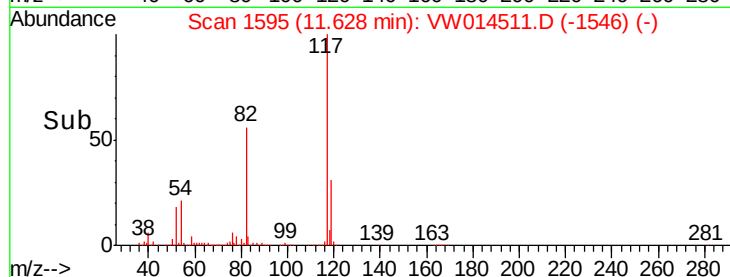
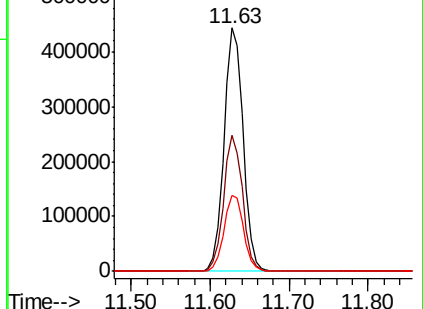
119 31.3 25.7 38.5



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: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

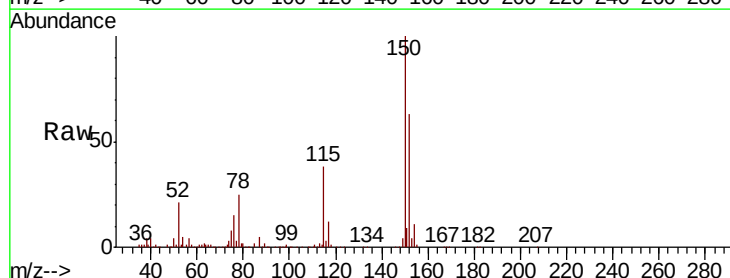
Tgt Ion:152 Resp: 225708

Ion Ratio Lower Upper

152 100

115 57.8 27.7 83.1

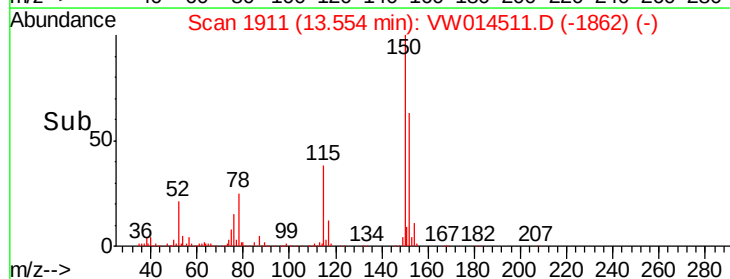
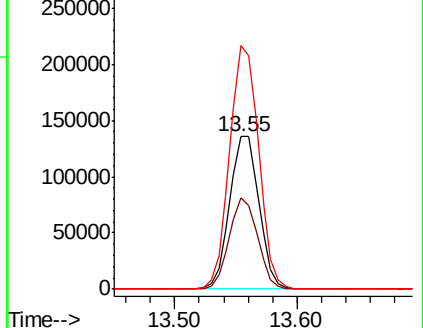
150 157.2 0.0 343.4

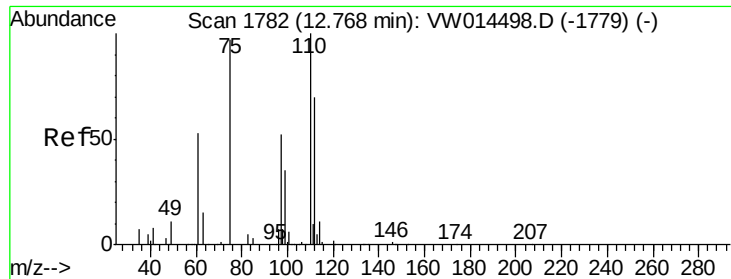


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 67.849 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

Instrument :

MSVOA_W

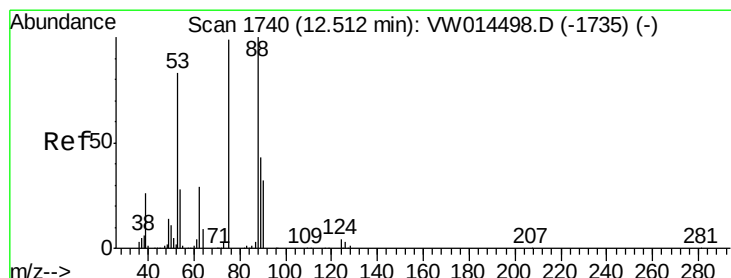
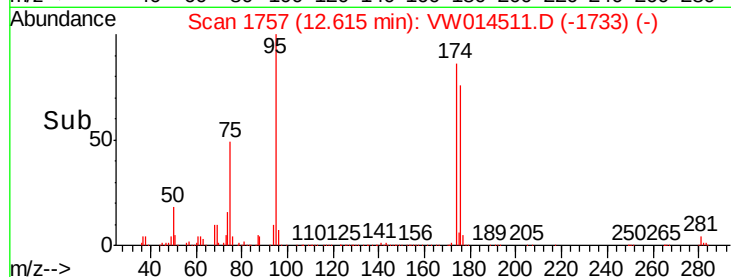
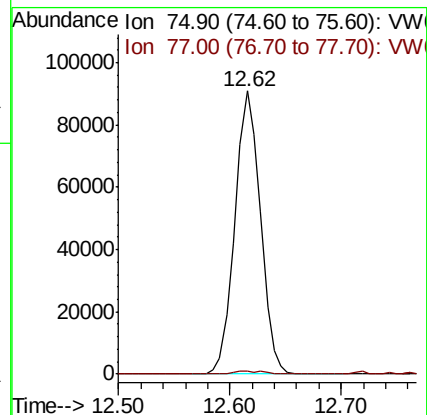
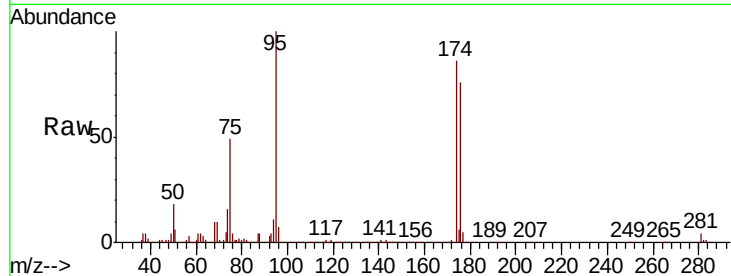
ClientSampled :

Tot Ion: 75 Resp: 144793

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.171 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014511.D

Acq: 03 Jan 2020 20:50

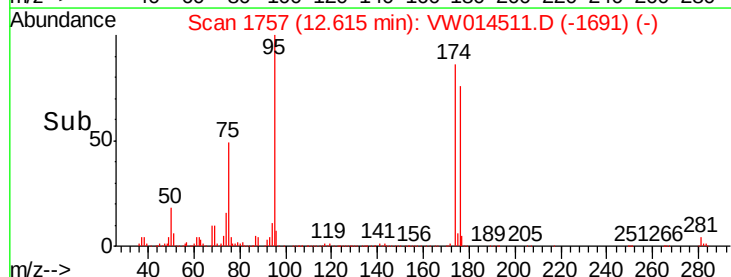
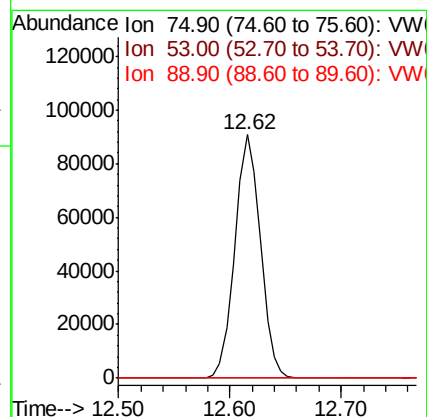
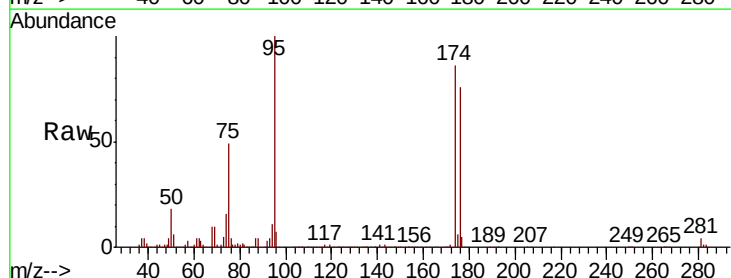
Tgt Ion: 75 Resp: 144793

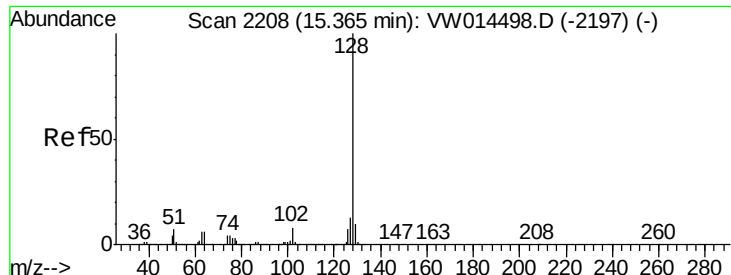
Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

89 0.1 35.8 53.8#

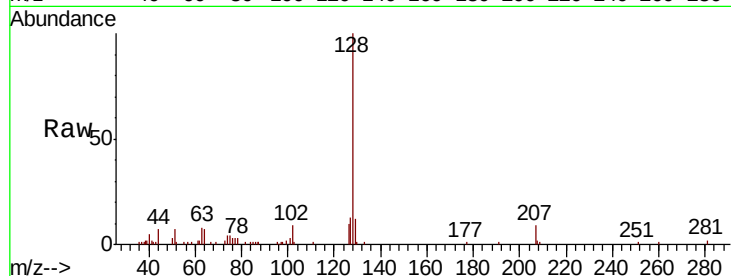




#95
 Naphthalene
 Concen: 2.499 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014511.D
 Acq: 03 Jan 2020 20:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	12.1	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

