

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014001.D
 Acq On : 13 Nov 2019 12:48
 Operator : SY/VA
 Sample : K5806-01
 Misc : 4.97G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 14 05:54:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

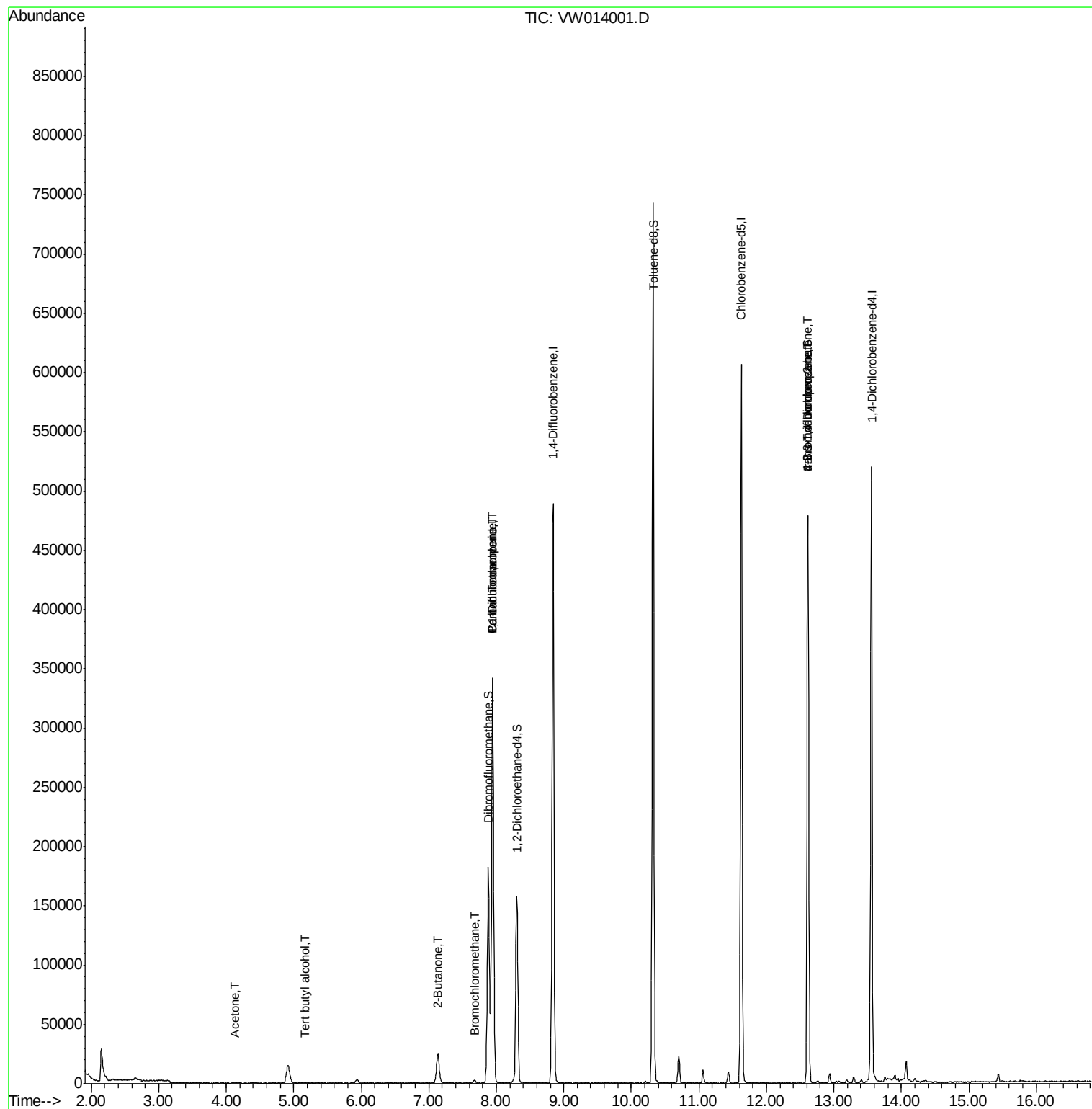
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122651	58.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.56%	
35) Dibromofluoromethane	7.88	113	129039	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	10.32	98	499504	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.62	95	150141	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	541	4.343	ug/l #	71
16) Acetone	4.13	43	1768	3.996	ug/l #	33
25) 2-Butanone	7.14	43	1181	1.857	ug/l #	45
28) Bromochloromethane	7.68	49	62	1.378	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17611	4.300	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24221	6.567	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	71367	66.078	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71367	124.879	ug/l #	14

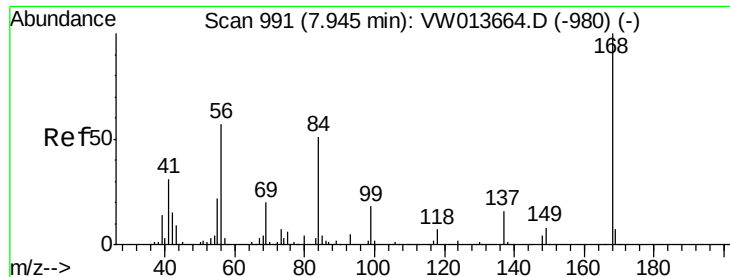
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014001.D
Acq On : 13 Nov 2019 12:48
Operator : SY/VA
Sample : K5806-01
Misc : 4.97G/5.0ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 14 05:54:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
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: VW014001.D

Acq: 13 Nov 2019 12:48

Instrument :

MSVOA_W

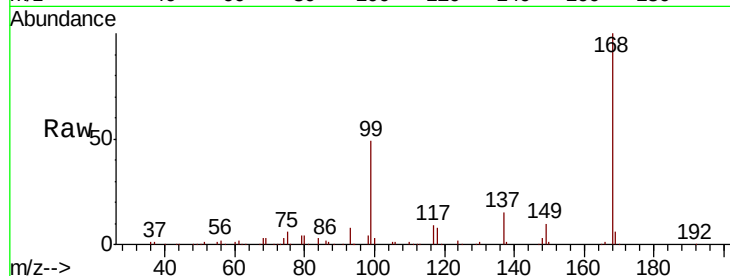
ClientSampled :

Tot Ion:168 Resp: 278158

Ion Ratio Lower Upper

168 100

99 48.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

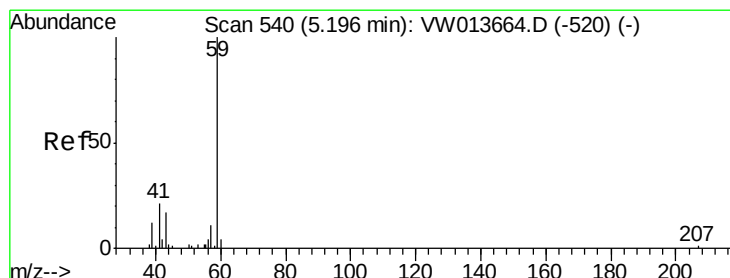
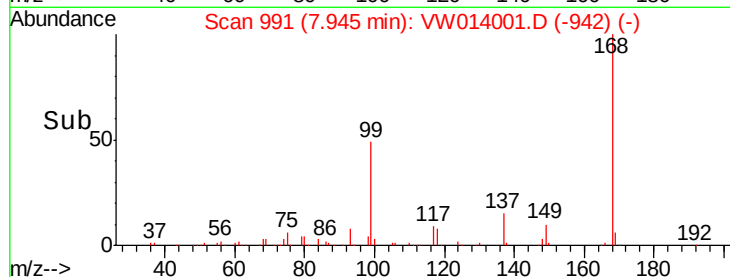
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 4.343 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.03 min

Lab File: VW014001.D

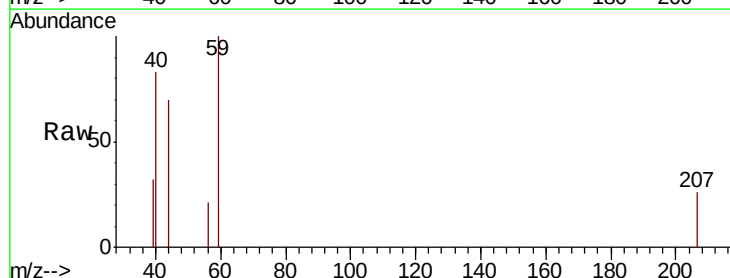
Acq: 13 Nov 2019 12:48

Tgt Ion: 59 Resp: 541

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

300

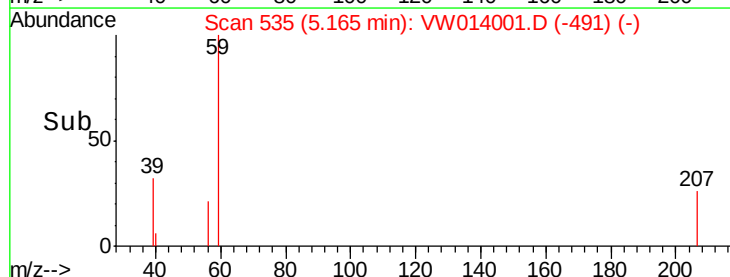
200

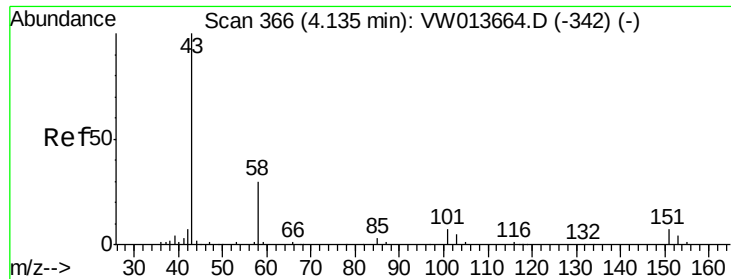
100

0

5.15 5.20

Time-->

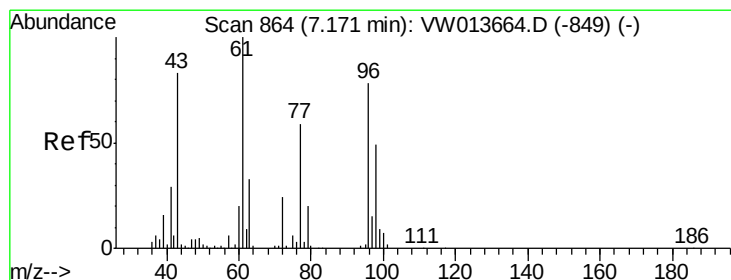
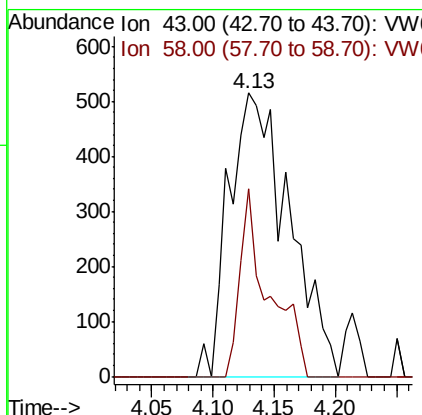
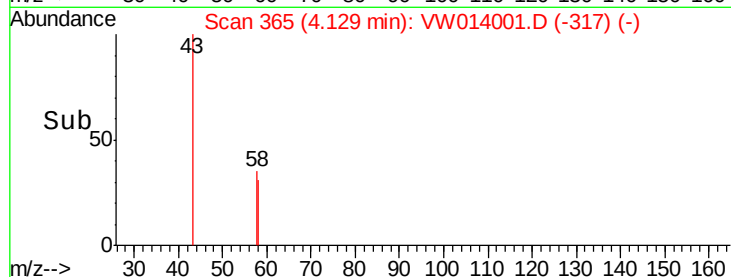
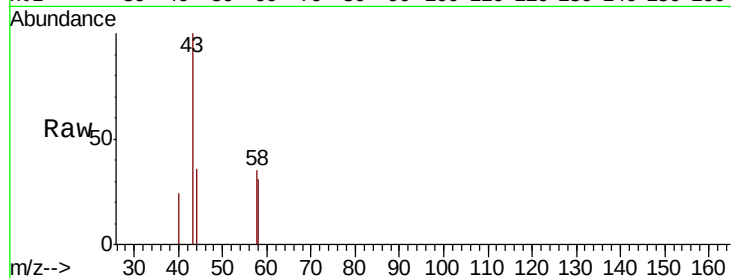




#16
Acetone
Concen: 3.996 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW014001.D
Acq: 13 Nov 2019 12:48

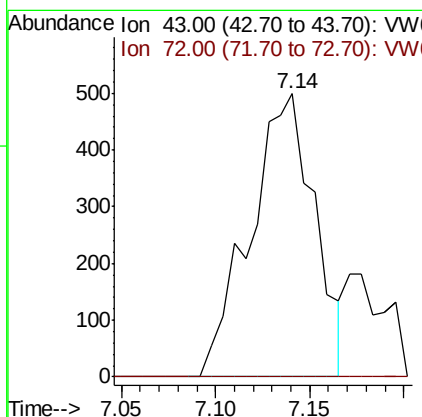
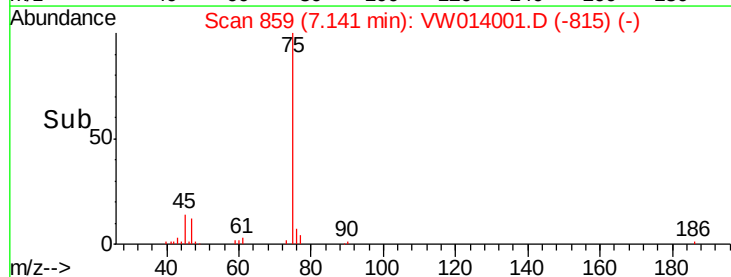
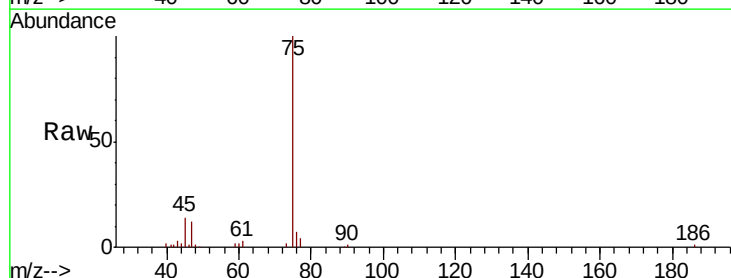
Instrument :
MSVOA_W
ClientSampleId :

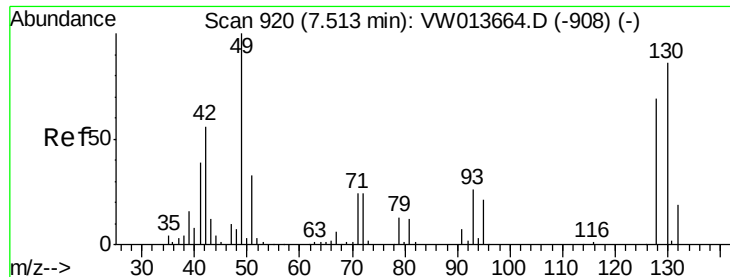
Tot Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 66.4 24.1 36.1#



#25
2-Butanone
Concen: 1.857 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW014001.D
Acq: 13 Nov 2019 12:48

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
72 0.0 23.6 35.4#





#28

Bromochloromethane

Concen: 1.378 ug/l

RT: 7.68 min Scan# 947

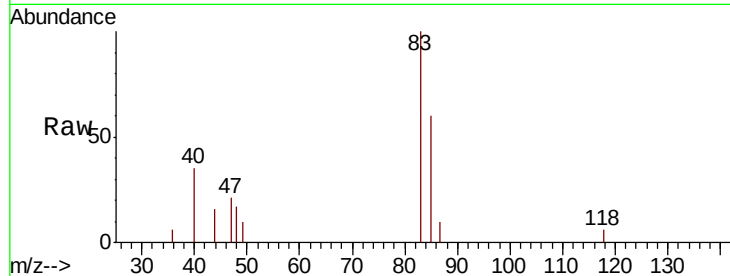
Delta R.T. 0.17 min

Lab File: VW014001.D

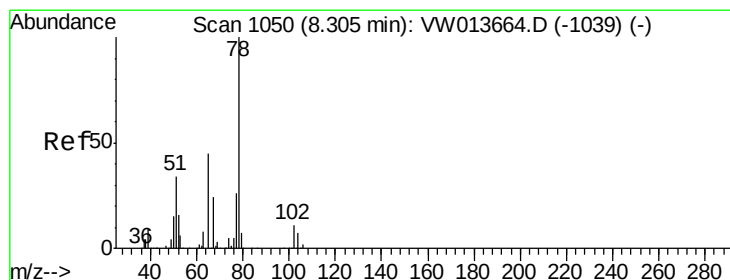
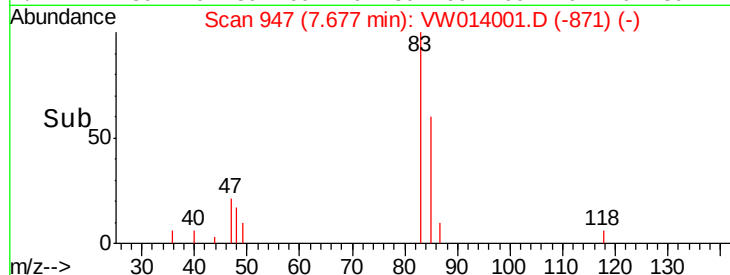
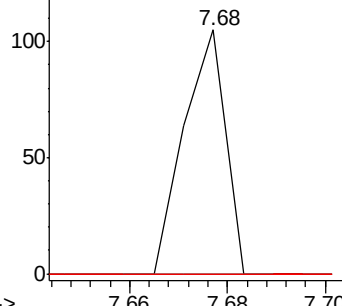
Acq: 13 Nov 2019 12:48

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 49 Resp: 62
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 58.779 ug/l

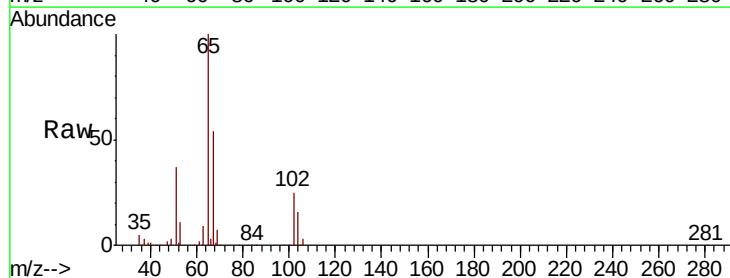
RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

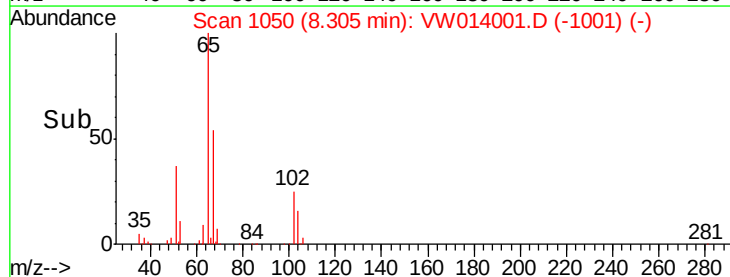
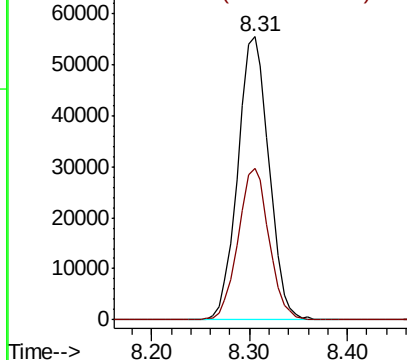
Lab File: VW014001.D

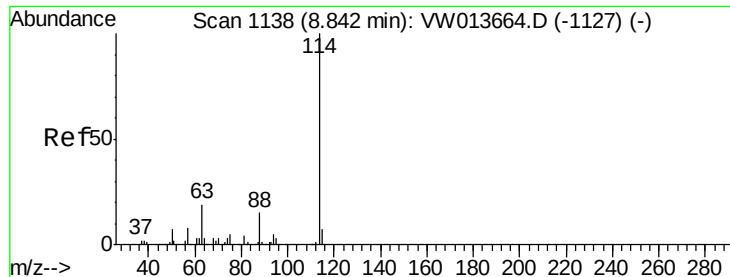
Acq: 13 Nov 2019 12:48

Tgt Ion: 65 Resp: 122651
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.4



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: VW014001.D

Acq: 13 Nov 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

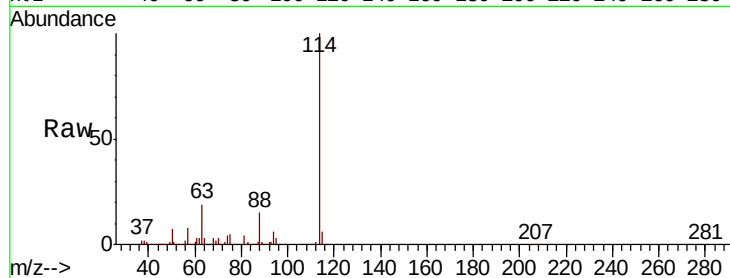
Tot Ion:114 Resp: 439764

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

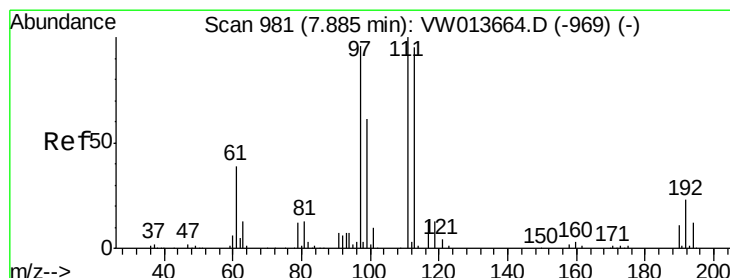
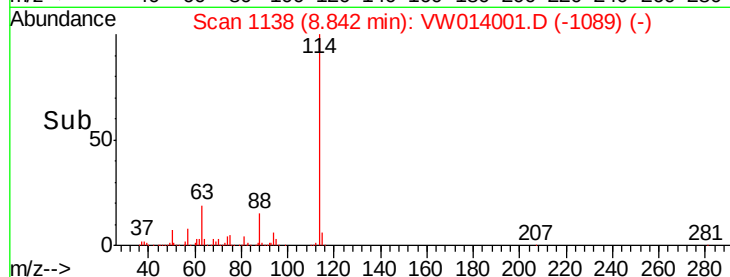
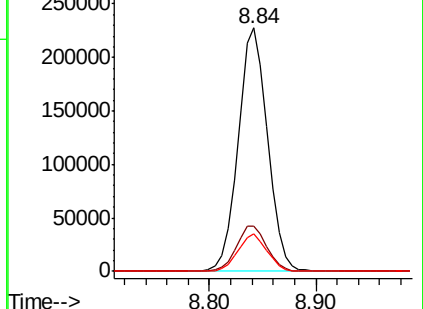
88 15.2 0.0 30.2



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: 52.808 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW014001.D

Acq: 13 Nov 2019 12:48

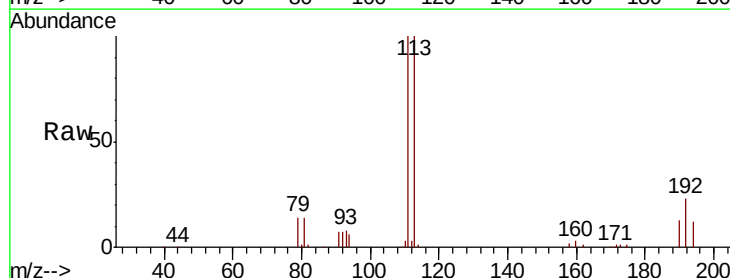
Tgt Ion:113 Resp: 129039

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

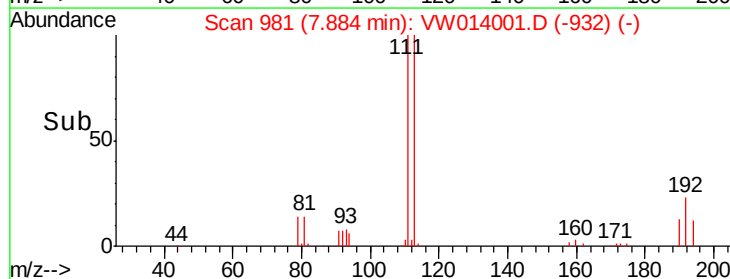
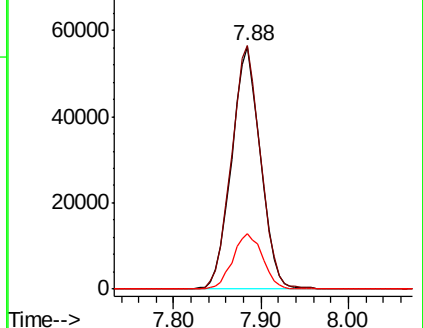
192 23.8 19.4 29.2

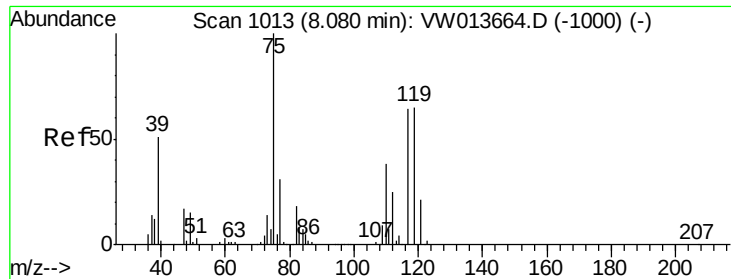


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

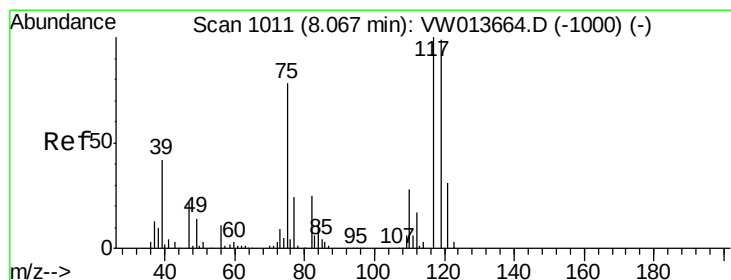
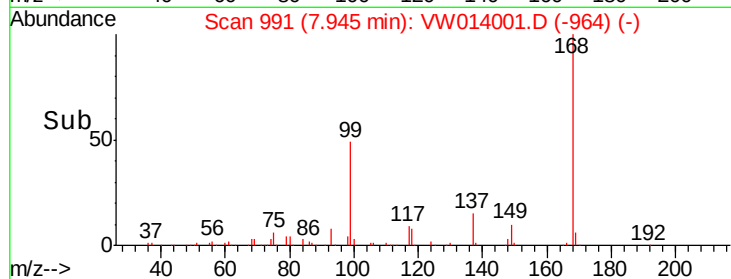
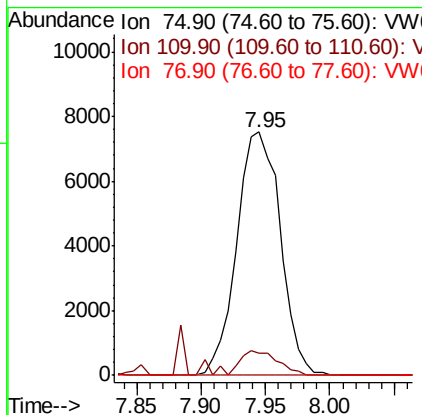
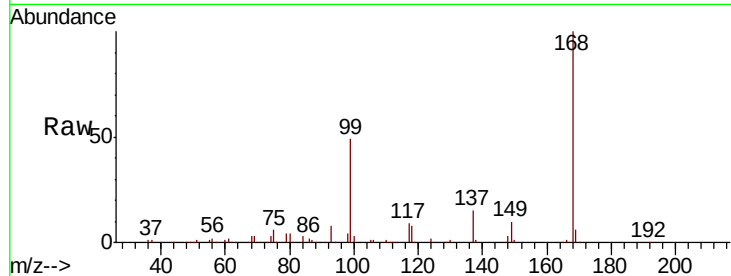




#36
 1,1-Dichloropropene
 Concen: 4.300 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014001.D
 Acq: 13 Nov 2019 12:48

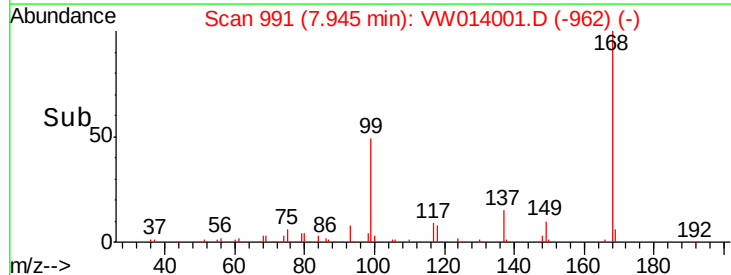
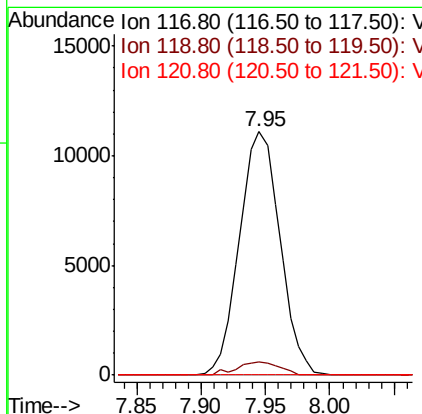
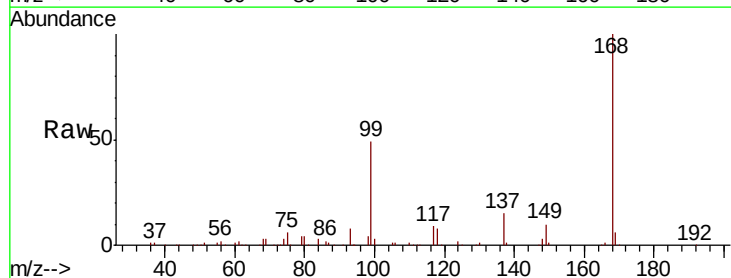
Instrument :
 MSVOA_W
 ClientSampled :

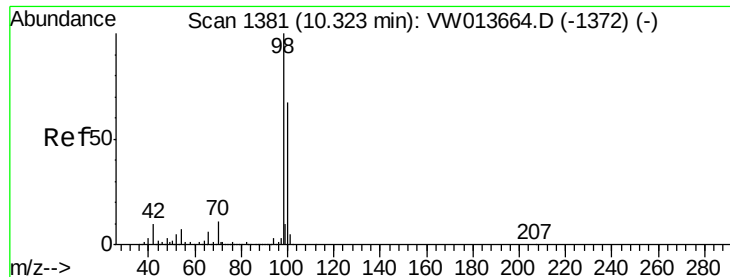
Tot Ion: 75 Resp: 17611
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.567 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014001.D
 Acq: 13 Nov 2019 12:48

Tgt Ion: 117 Resp: 24221
 Ion Ratio Lower Upper
 117 100
 119 5.7 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.166 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014001.D

Acq: 13 Nov 2019 12:48

Instrument :

MSVOA_W

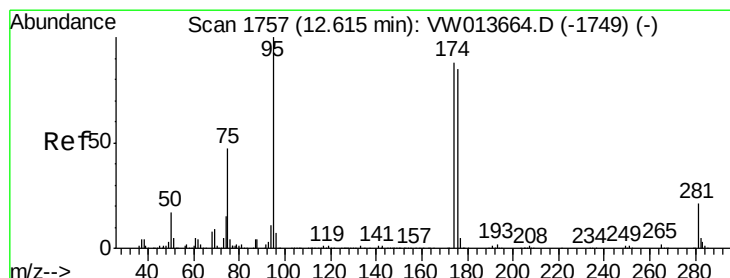
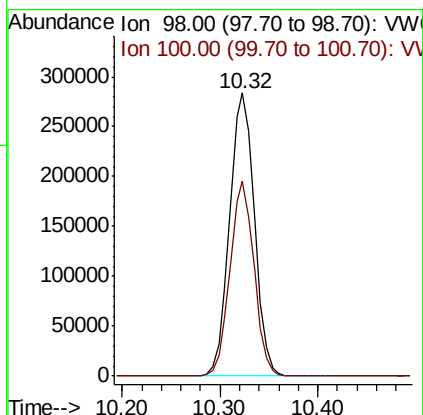
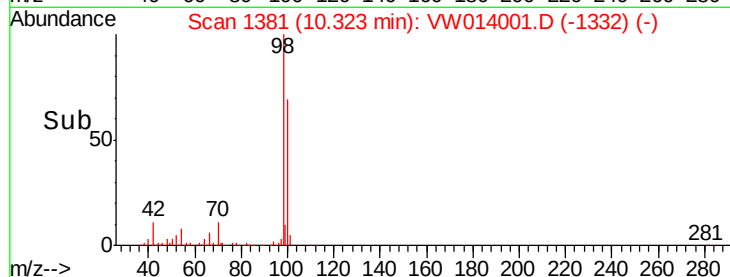
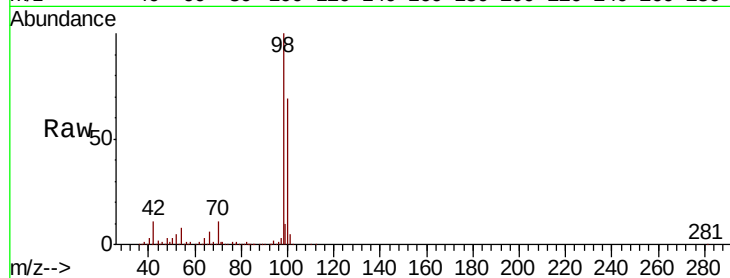
ClientSampleId :

Tot Ion: 98 Resp: 499504

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 44.533 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014001.D

Acq: 13 Nov 2019 12:48

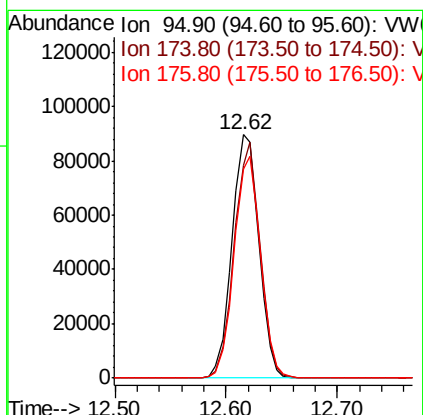
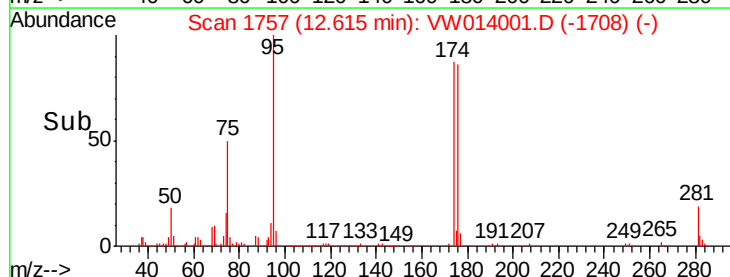
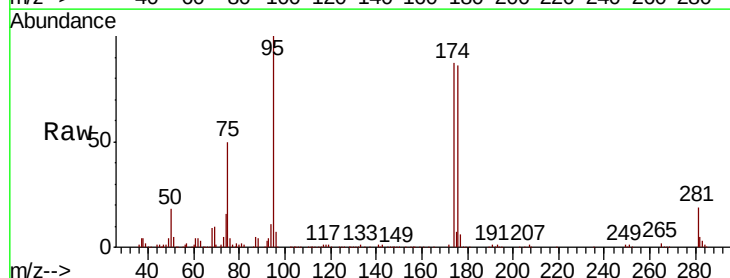
Tgt Ion: 95 Resp: 150141

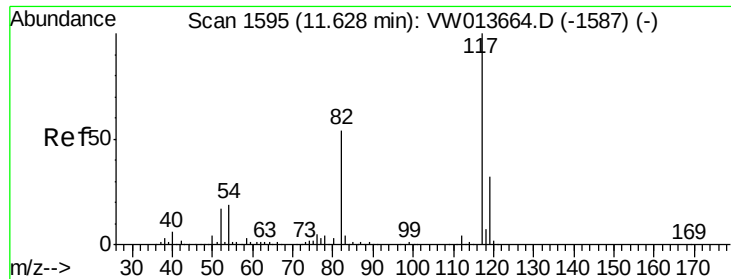
Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.6

176 89.6 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014001.D

Acq: 13 Nov 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

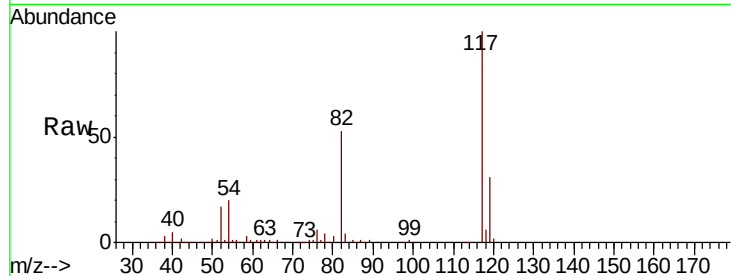
Tot Ion:117 Resp: 365907

Ion Ratio Lower Upper

117 100

82 52.5 43.6 65.4

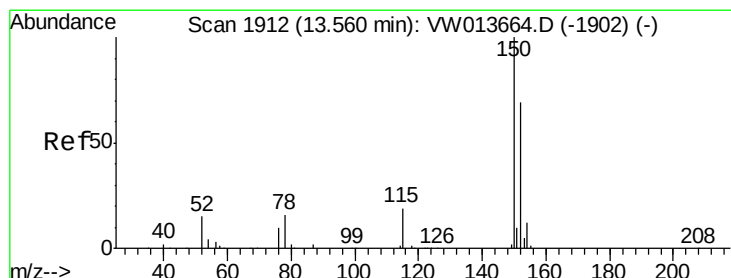
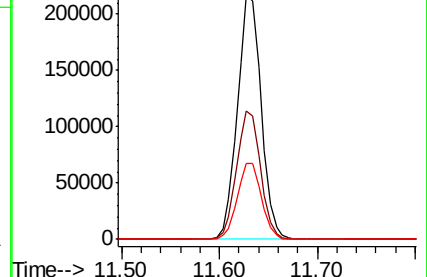
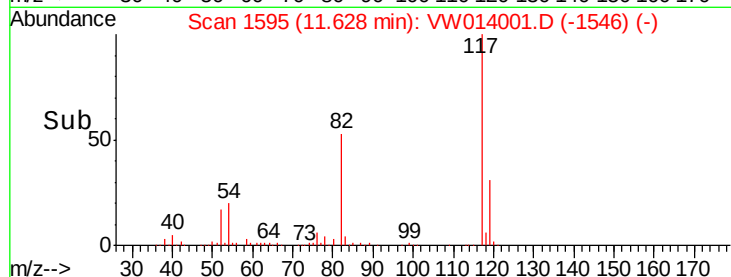
119 30.9 25.4 38.2



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: VW014001.D

Acq: 13 Nov 2019 12:48

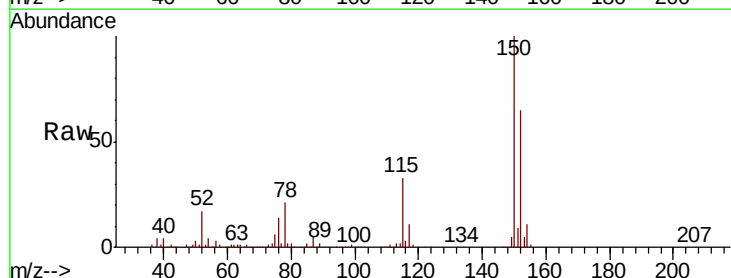
Tgt Ion:152 Resp: 150394

Ion Ratio Lower Upper

152 100

115 54.3 27.4 82.2

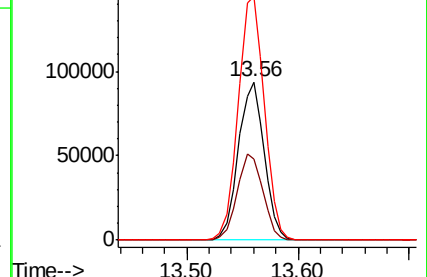
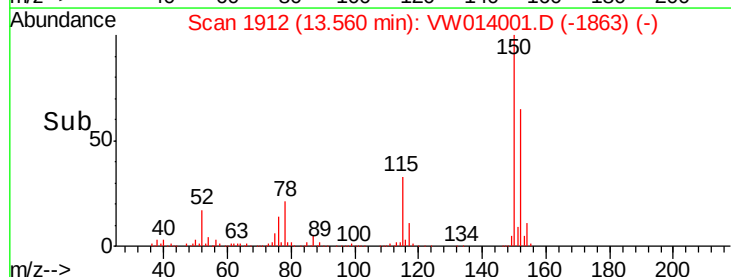
150 156.2 0.0 345.4

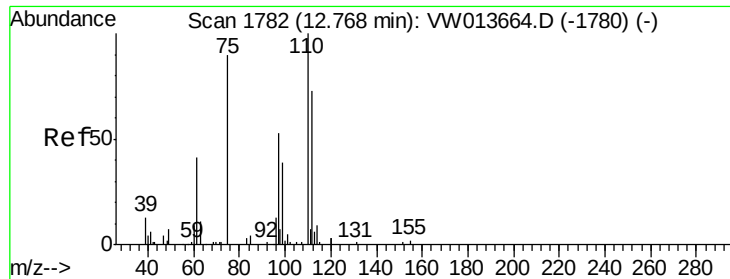


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



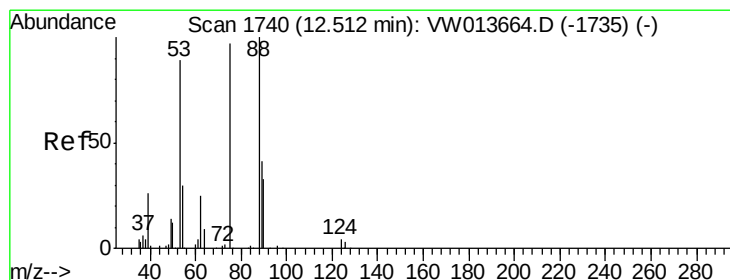
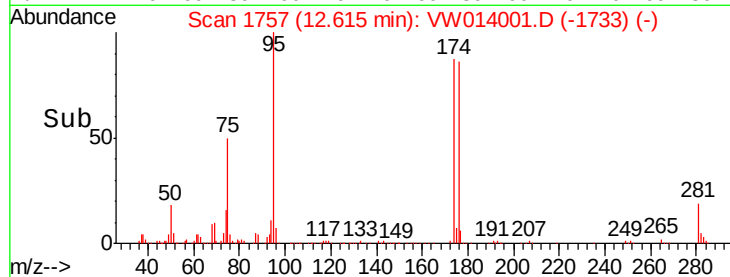
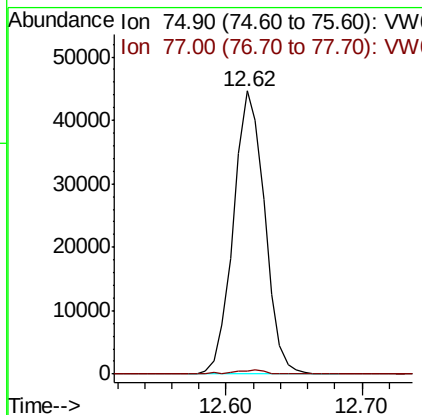
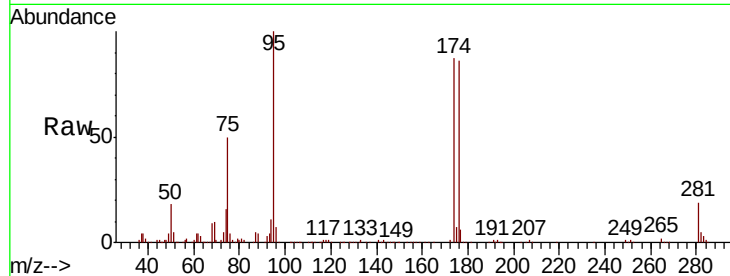


#76

1,2,3-Trichloropropane
Concen: 66.078 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014001.D
Acq: 13 Nov 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 71367
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 124.879 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014001.D
Acq: 13 Nov 2019 12:48

Tgt Ion: 75 Resp: 71367
Ion Ratio Lower Upper
75 100
53 0.2 71.7 107.5#
89 0.0 35.8 53.8#

