

Data File : VW008804.D
Acq On : 25 Feb 2019 14:04
Operator : SY/VA
Sample : K1595-03RE
Misc : 6.01G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-CBF-B11

Quant Time: Feb 26 03:42:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	369319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	569430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	463489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	199292	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
35) Dibromofluoromethane	7.88	113	180226	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.32	98	654252	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	197433	38.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.42%	

Target Compounds

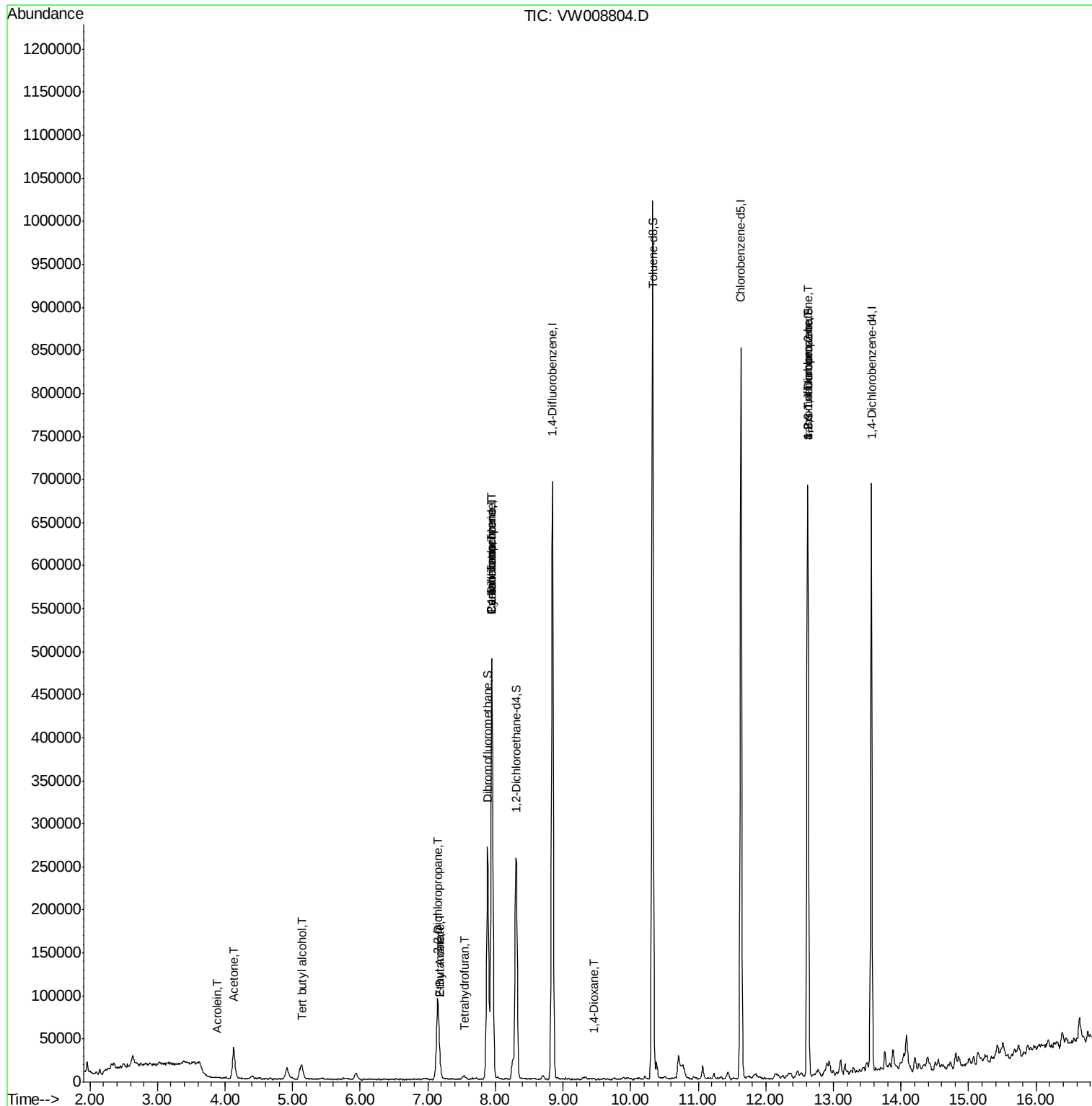
						Qvalue
11) Tert butyl alcohol	5.13	59	15437	50.059	ug/l #	73
13) Acrolein	3.89	56	812	22.079	ug/l #	51
16) Acetone	4.13	43	60300	75.103	ug/l	98
20) Methylene Chloride	4.92	84	8767	Below Cal		97
25) 2-Butanone	7.18	43	13064	11.638	ug/l	94
26) 2,2-Dichloropropane	7.15	77	6477	1.106	ug/l #	54
29) Tetrahydrofuran	7.54	42	3270	4.571	ug/l #	68
31) Cyclohexane	7.95	56	8646	1.324	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	28269	5.100	ug/l #	51
37) Ethyl Acetate	7.18	43	12928	5.015	ug/l #	71
38) Carbon Tetrachloride	7.95	117	35312	6.041	ug/l #	15
49) 1,4-Dioxane	9.45	88	57	1.711	ug/l #	62
76) 1,2,3-Trichloropropane	12.62	75	104974	74.129	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	104974	180.214	ug/l #	6

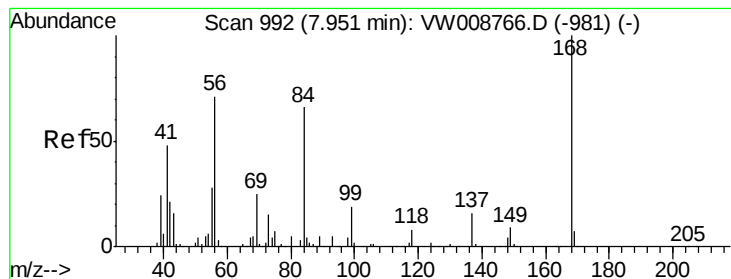
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008804.D

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Instrument :

MSVOA_W

ClientSampleId :

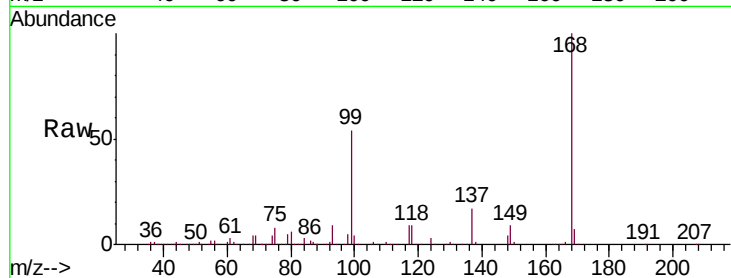
TP-CBF-B11

Tgt Ion:168 Resp: 369319

Ion Ratio Lower Upper

168 100

99 53.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

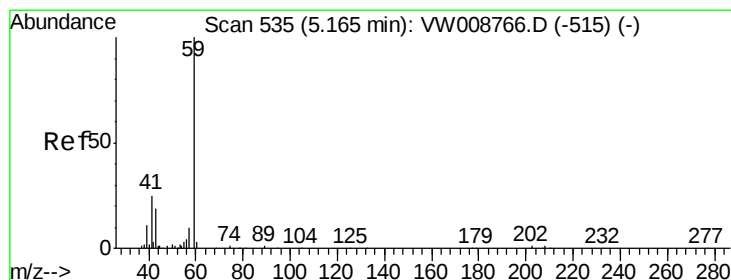
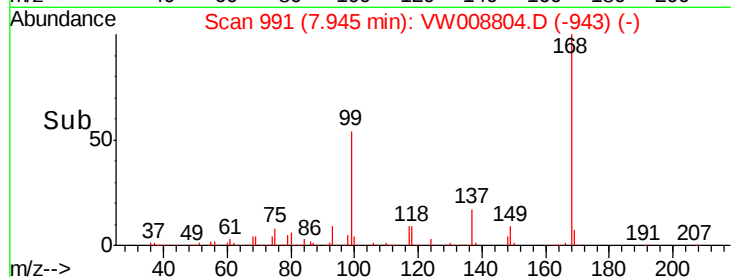
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 50.059 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW008804.D

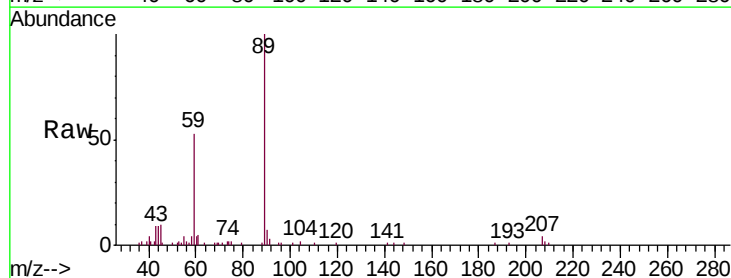
Acq: 25 Feb 2019 14:04

Tgt Ion: 59 Resp: 15437

Ion Ratio Lower Upper

59 100

57 1.1 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

4000

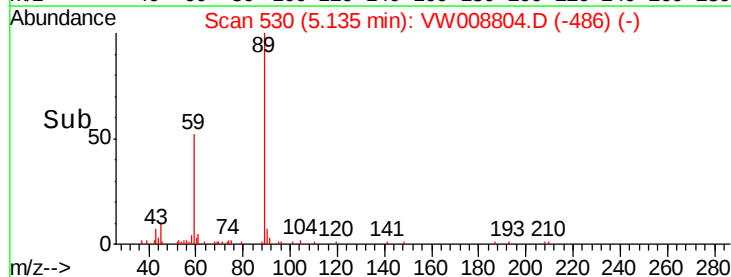
3000

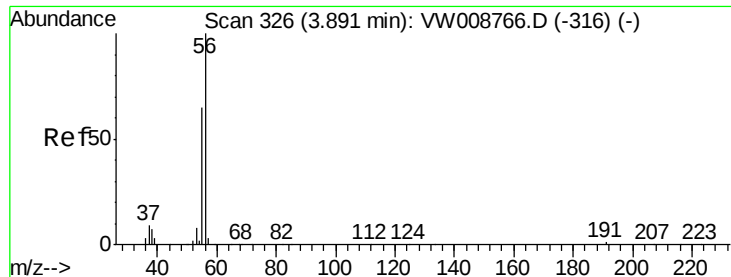
2000

1000

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Time-->

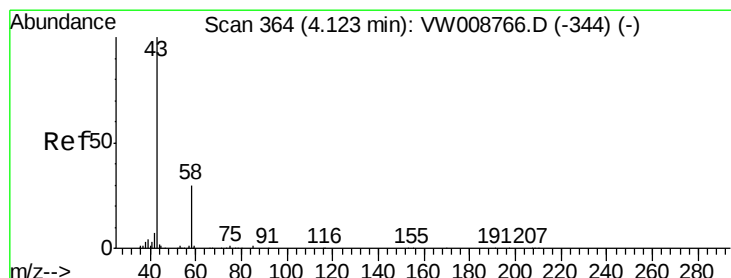
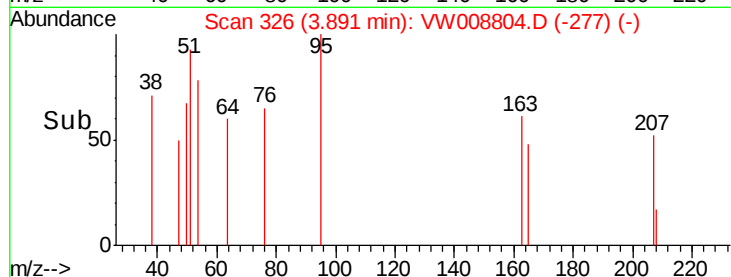
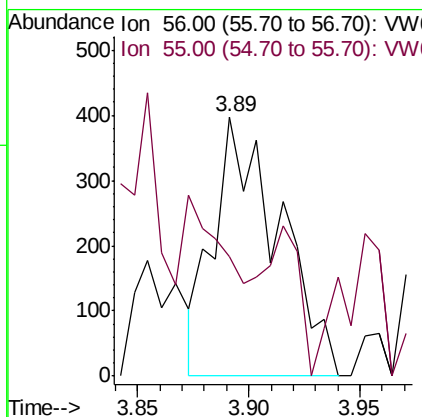
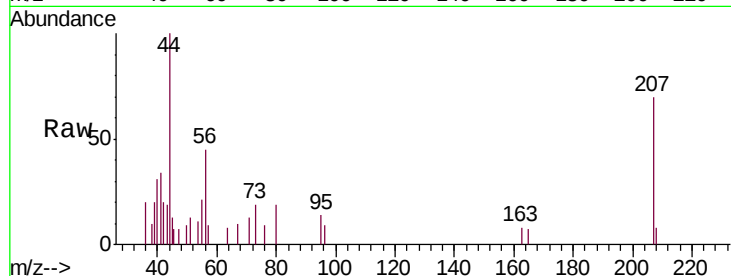




#13
Acrolein
Concen: 22.079 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

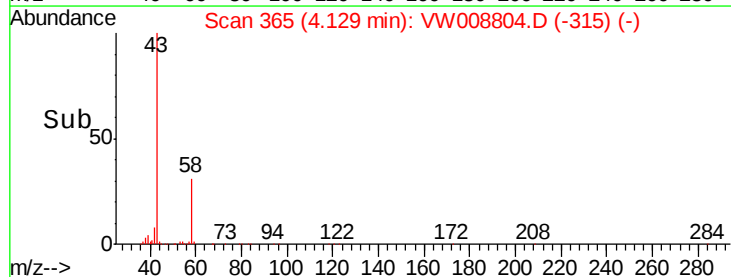
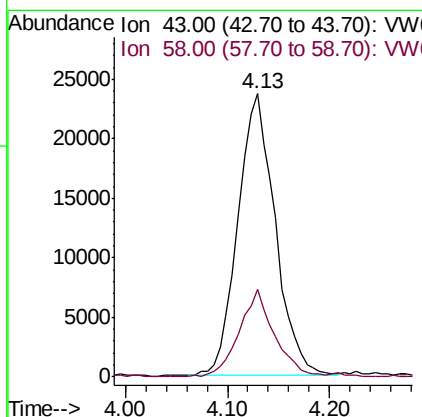
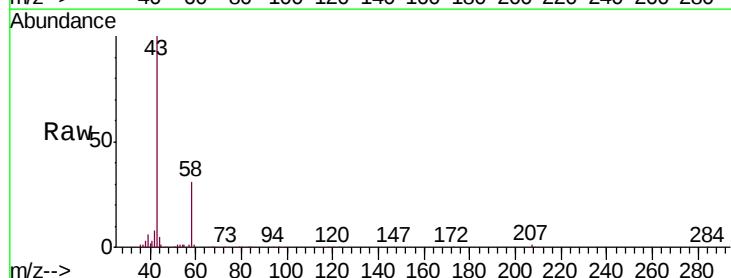
Instrument :
MSVOA_W
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TP-CBF-B11

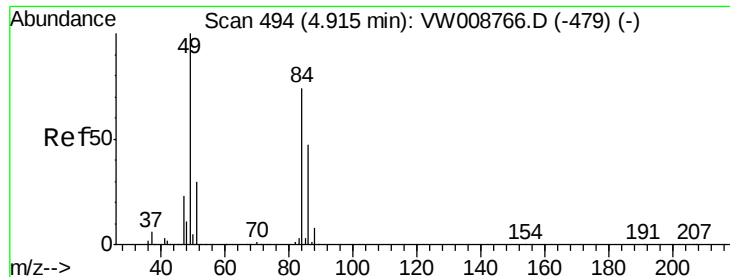
Tgt Ion: 56 Resp: 812
Ion Ratio Lower Upper
56 100
55 30.4 56.9 85.3#



#16
Acetone
Concen: 75.103 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Tgt Ion: 43 Resp: 60300
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.6

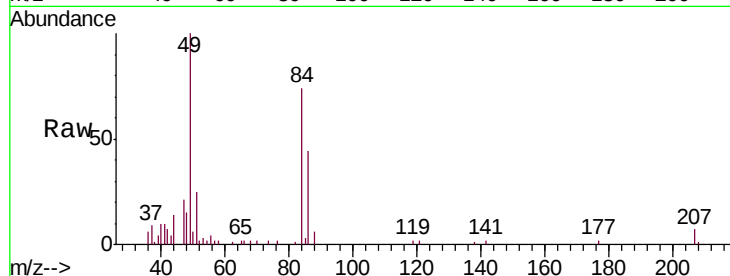




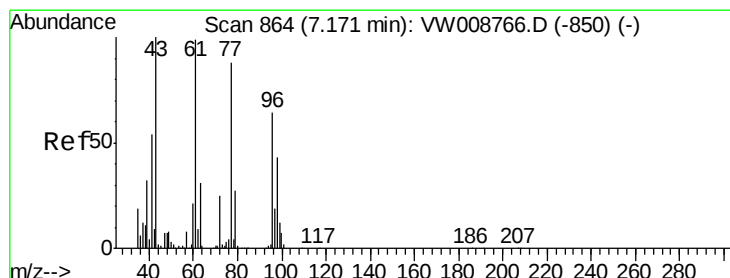
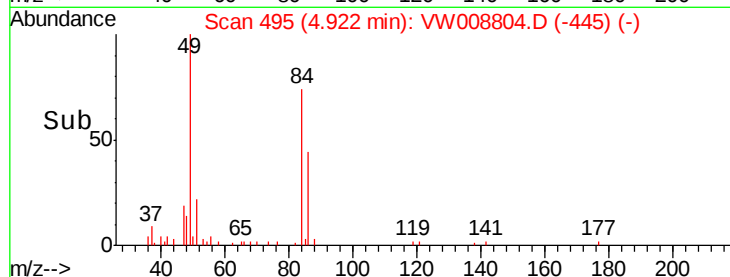
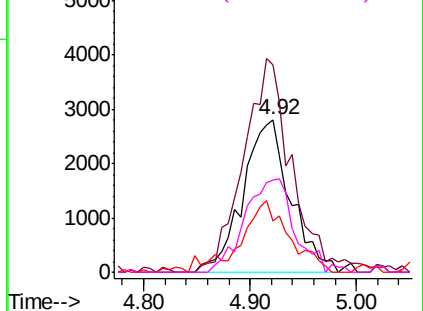
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Instrument :
MSVOA_W
ClientSampleId :
TP-CBF-B11

Tgt Ion: 84 Resp: 8767
Ion Ratio Lower Upper
84 100
49 135.8 108.2 162.2
51 33.9 32.7 49.1
86 60.4 50.3 75.5

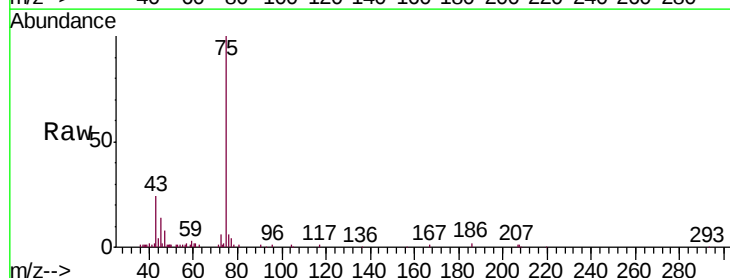


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

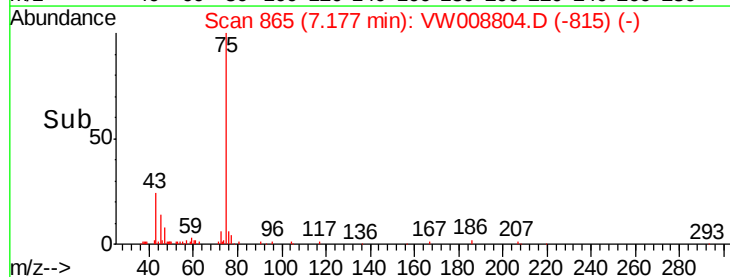
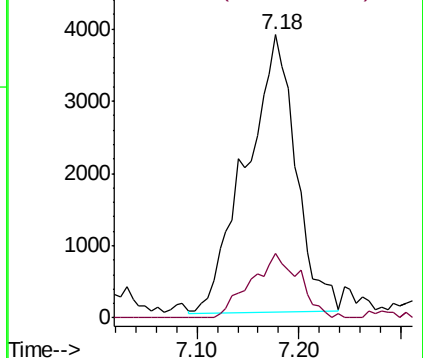


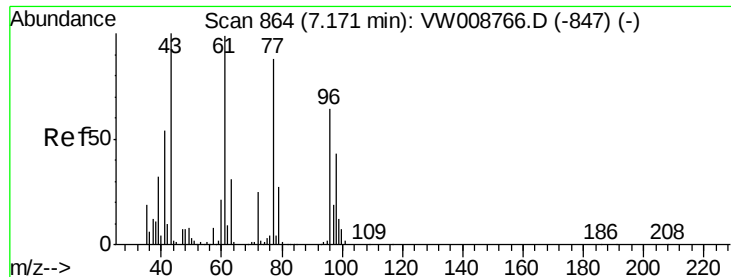
#25
2-Butanone
Concen: 11.638 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Tgt Ion: 43 Resp: 13064
Ion Ratio Lower Upper
43 100
72 21.5 19.7 29.5



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





#26

2,2-Dichloropropane

Concen: 1.106 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

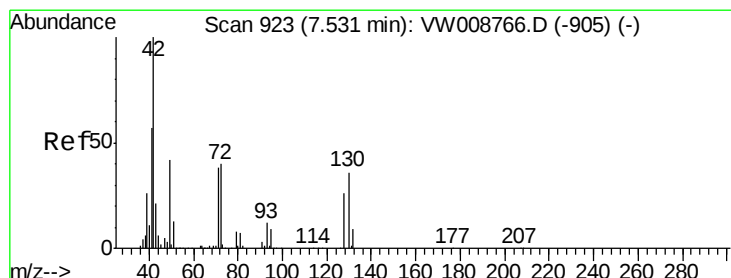
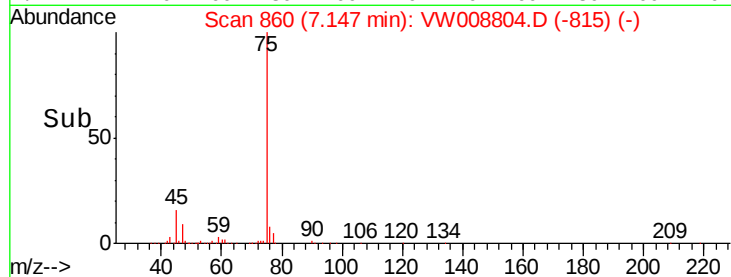
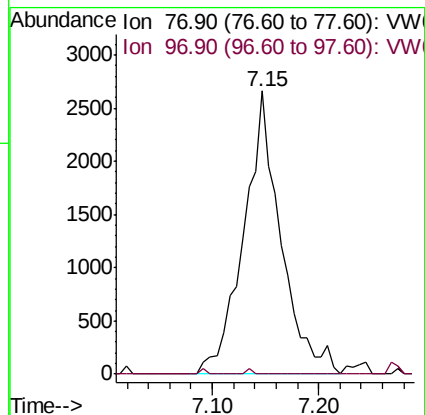
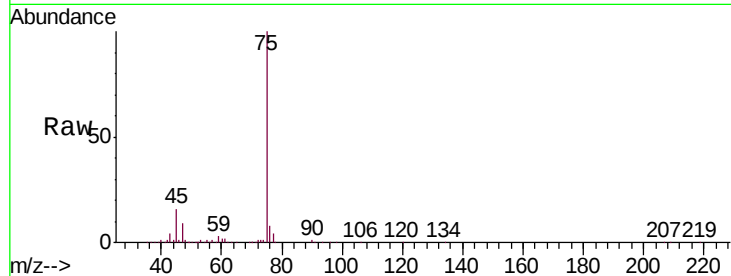
TP-CBF-B11

Tgt Ion: 77 Resp: 6477

Ion Ratio Lower Upper

77 100

97 0.3 11.0 33.0#



#29

Tetrahydrofuran

Concen: 4.571 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

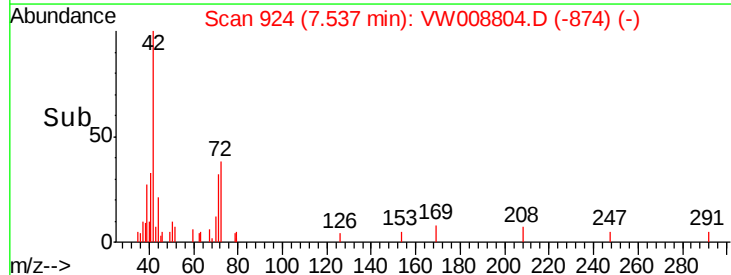
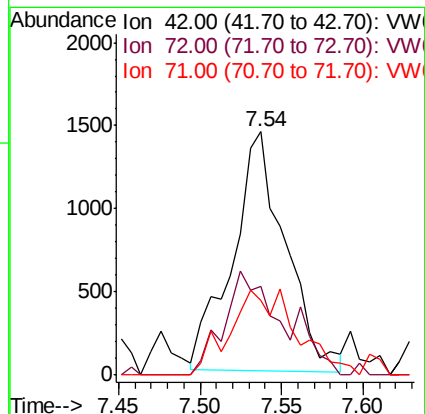
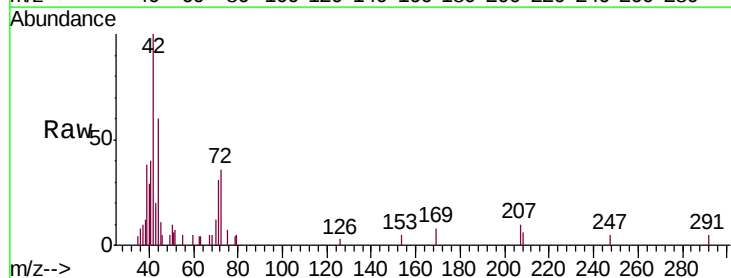
Tgt Ion: 42 Resp: 3270

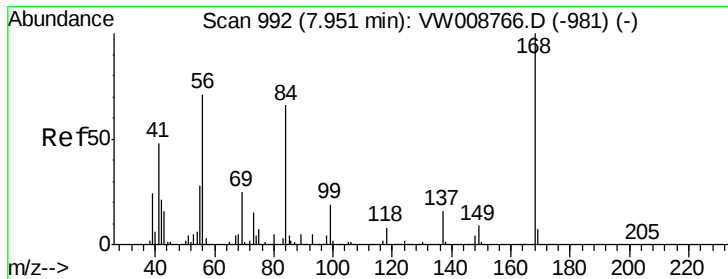
Ion Ratio Lower Upper

42 100

72 39.4 32.7 49.1

71 0.0 31.3 46.9#

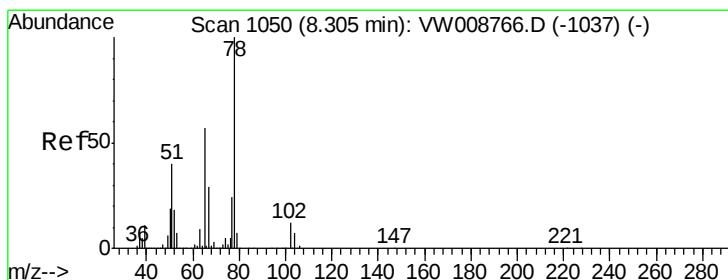
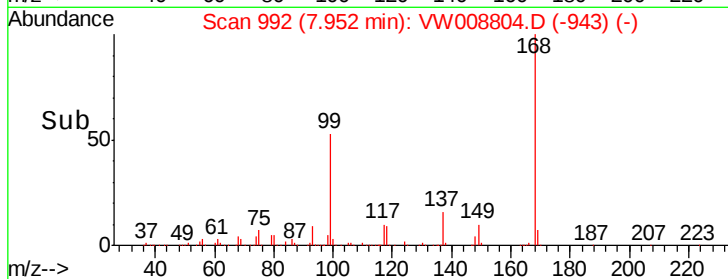
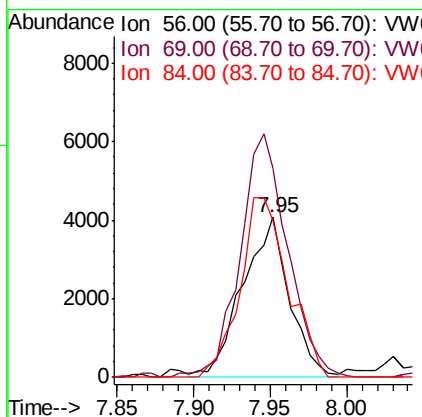
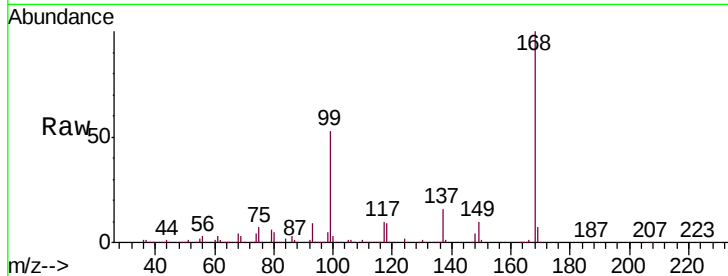




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

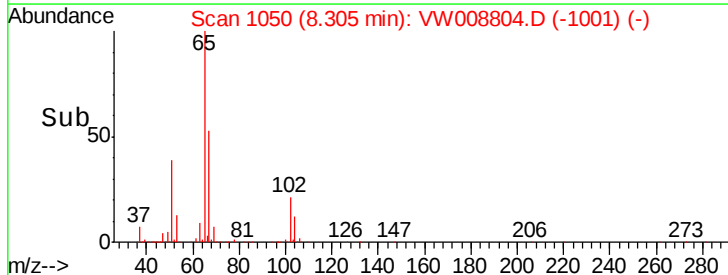
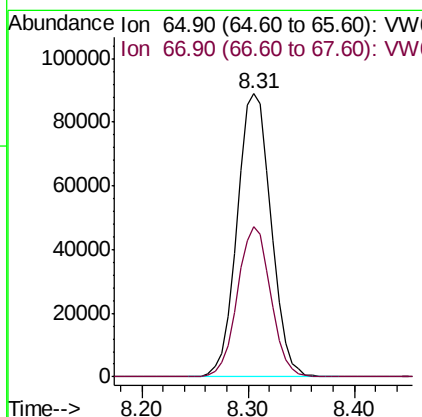
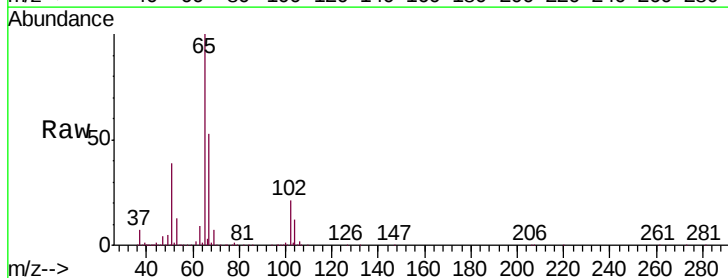
Instrument :
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ClientSampleId :
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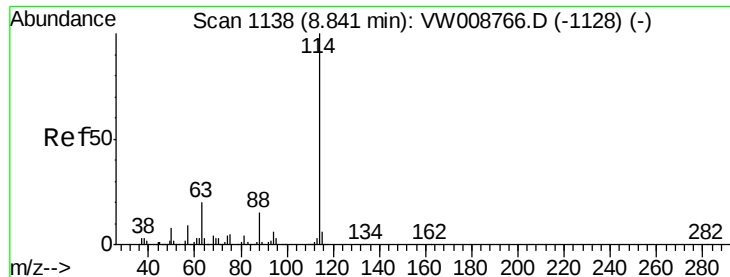
Tgt Ion: 56 Resp: 8646
Ion Ratio Lower Upper
56 100
69 130.5 28.2 42.4#
84 99.6 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 57.534 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Tgt Ion: 65 Resp: 199292
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4

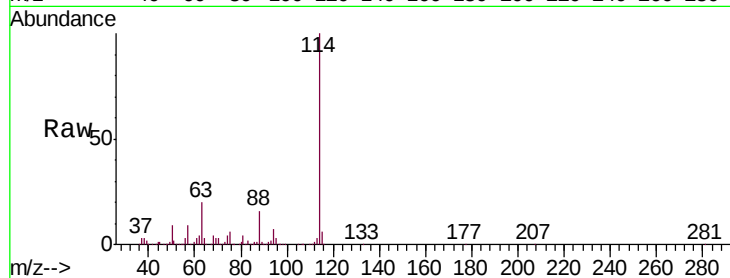




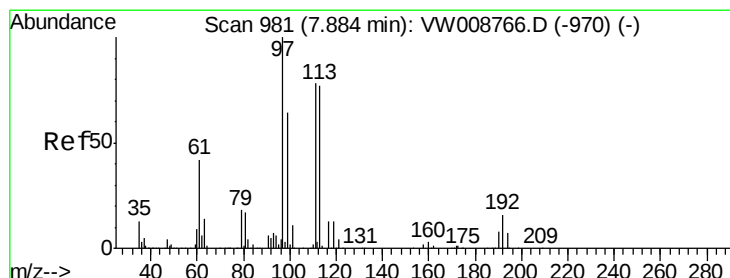
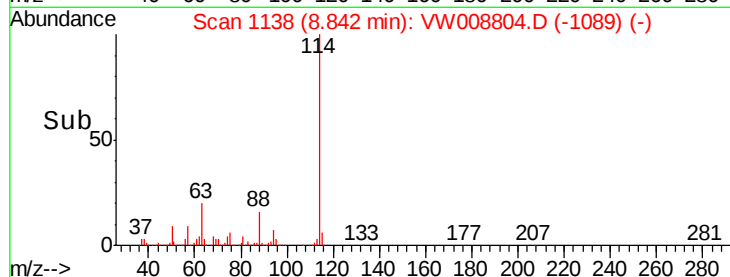
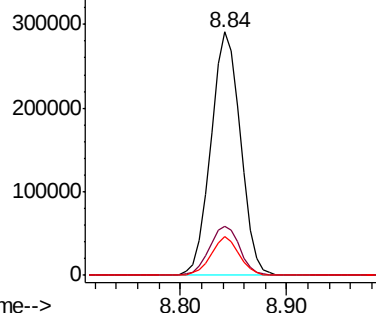
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008804.D
 Acq: 25 Feb 2019 14:04

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-CBF-B11

Tgt Ion:114 Resp: 569430
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.8 0.0 30.4

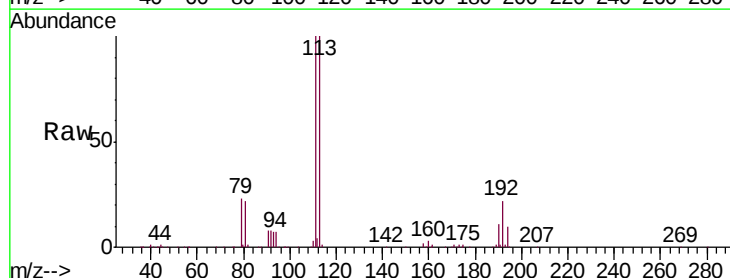


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

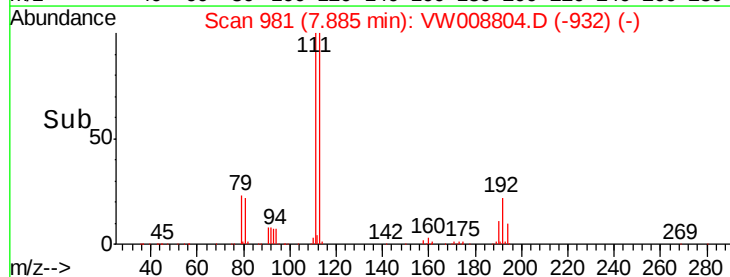
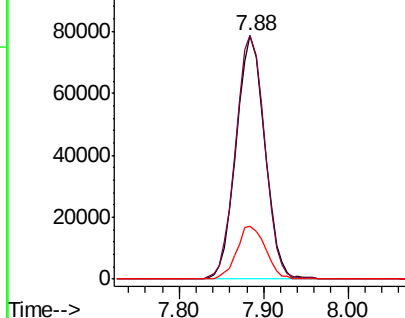


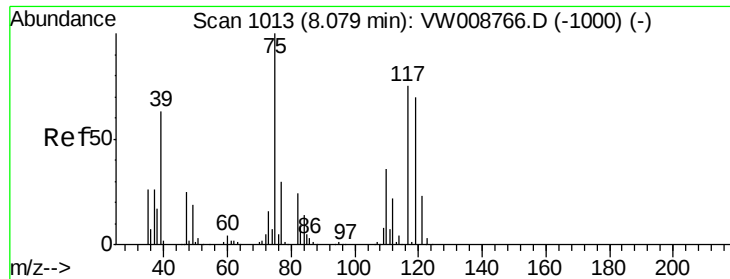
#35
 Dibromofluoromethane
 Concen: 52.714 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008804.D
 Acq: 25 Feb 2019 14:04

Tgt Ion:113 Resp: 180226
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 21.9 17.1 25.7



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

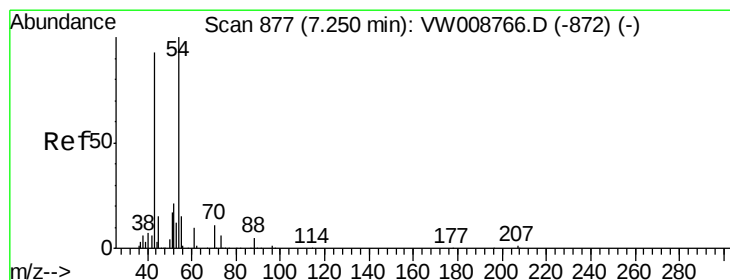
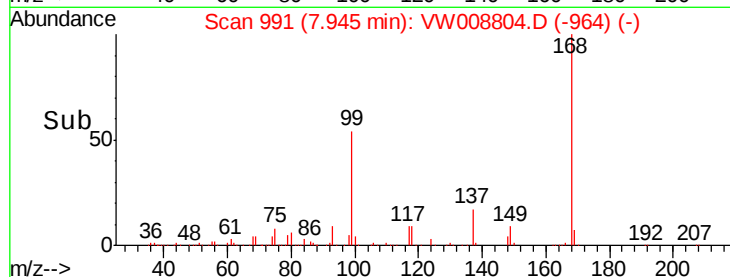
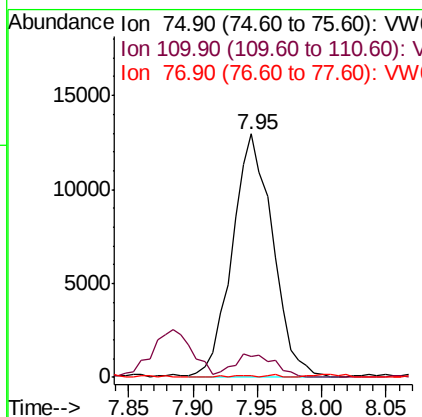
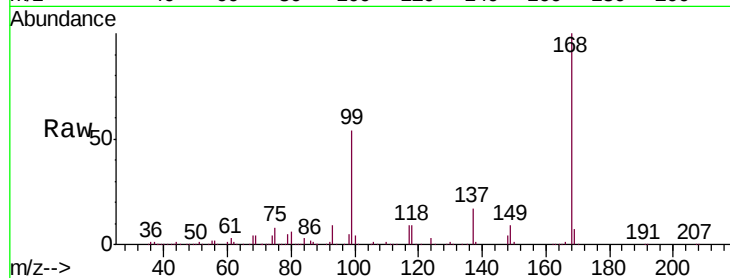




#36
 1,1-Dichloropropene
 Concen: 5.100 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008804.D
 Acq: 25 Feb 2019 14:04

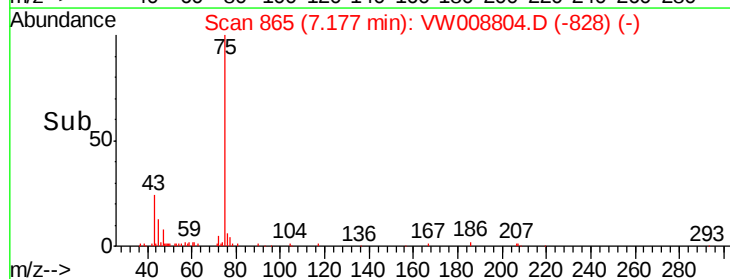
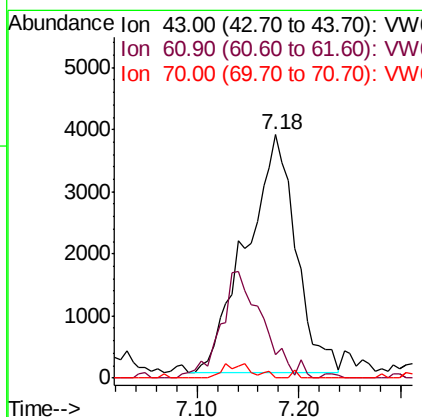
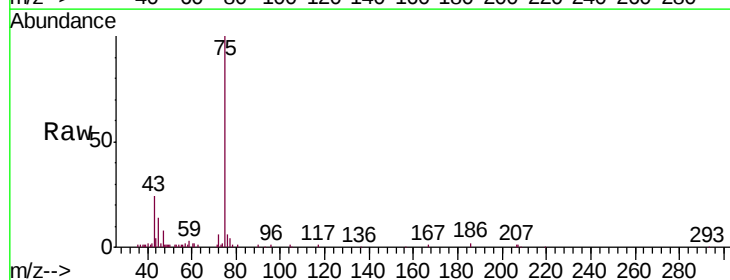
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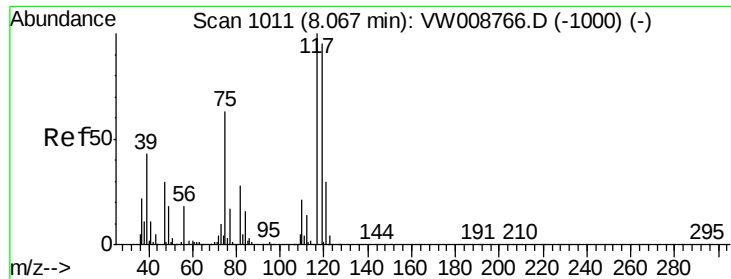
Tgt Ion: 75 Resp: 28269
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.5 52.6#
 77 0.3 24.5 36.7#



#37
 Ethyl Acetate
 Concen: 5.015 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW008804.D
 Acq: 25 Feb 2019 14:04

Tgt Ion: 43 Resp: 12928
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.8 14.8#
 70 0.3 8.4 12.6#

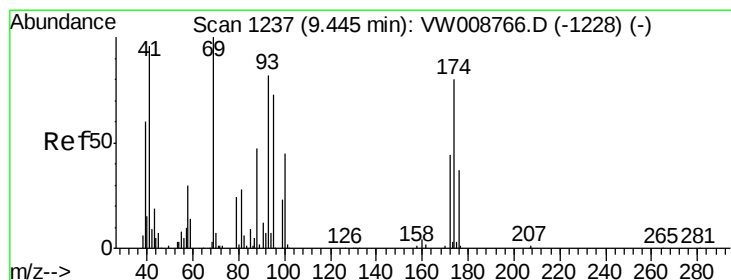
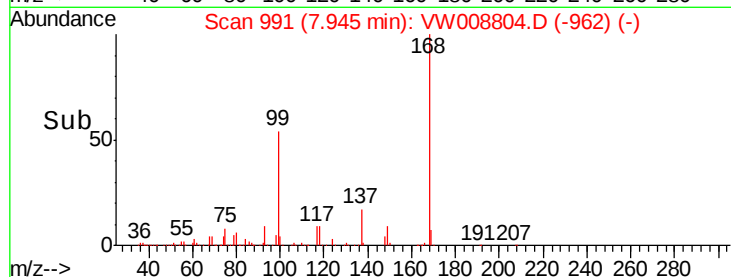
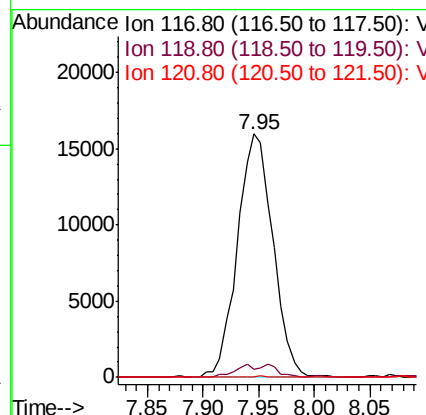
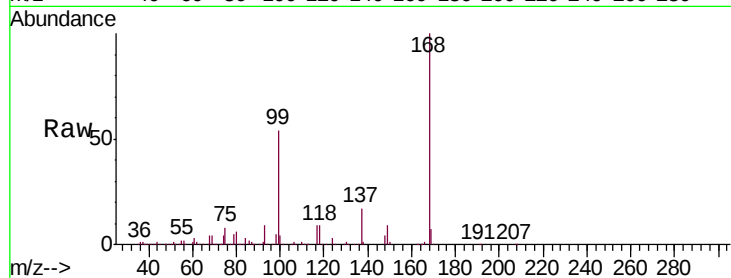




#38
Carbon Tetrachloride
Concen: 6.041 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

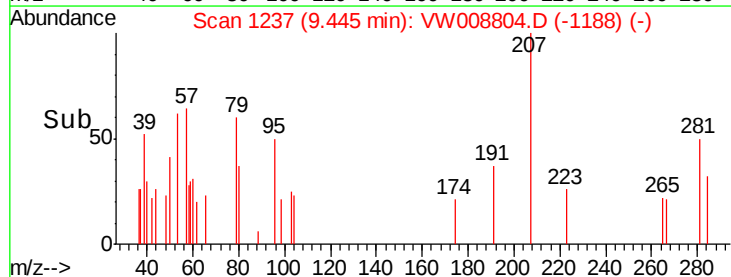
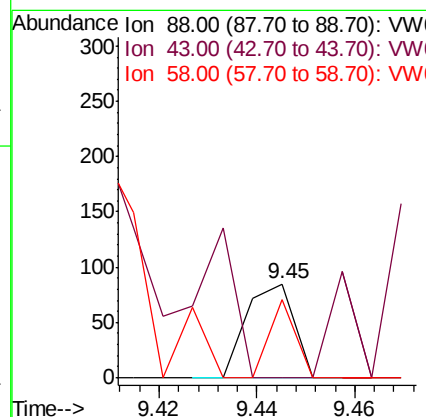
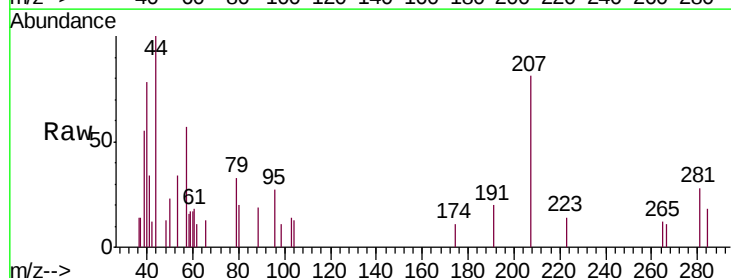
Instrument :
MSVOA_W
ClientSampled :
TP-CBF-B11

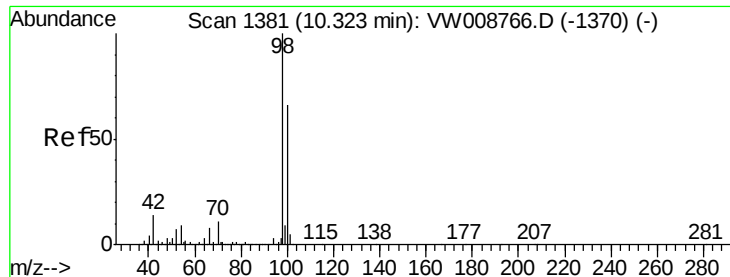
Tgt Ion:117 Resp: 35312
Ion Ratio Lower Upper
117 100
119 3.3 76.1 114.1#
121 0.4 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.711 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 45.6 52.0 78.0#





#50

Toluene-d8

Concen: 49.572 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

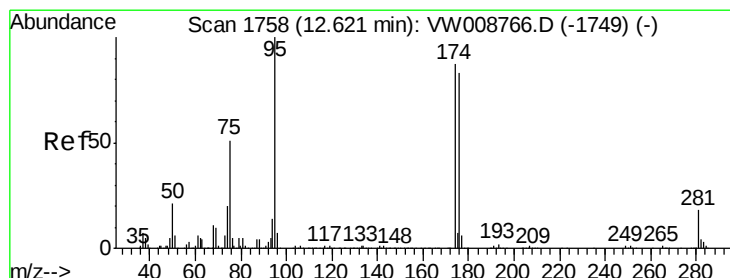
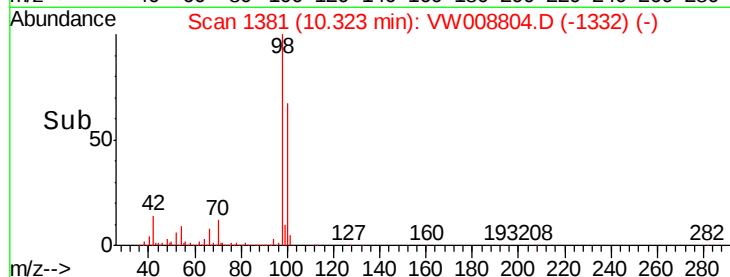
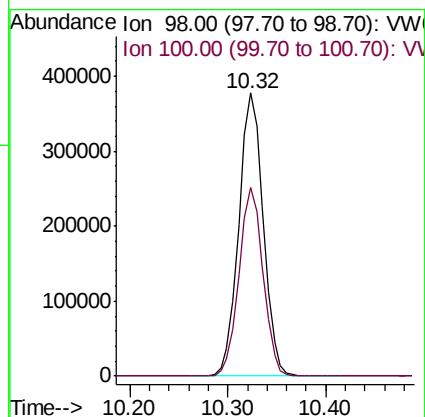
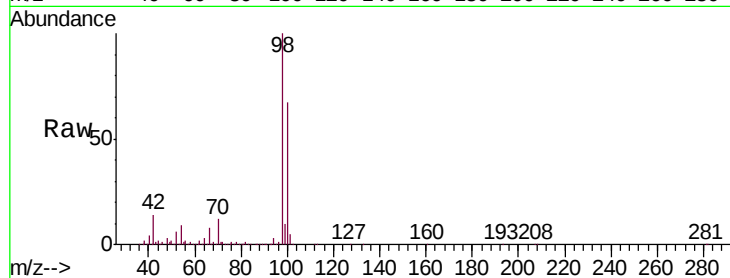
TP-CBF-B11

Tgt Ion: 98 Resp: 654252

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 38.206 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

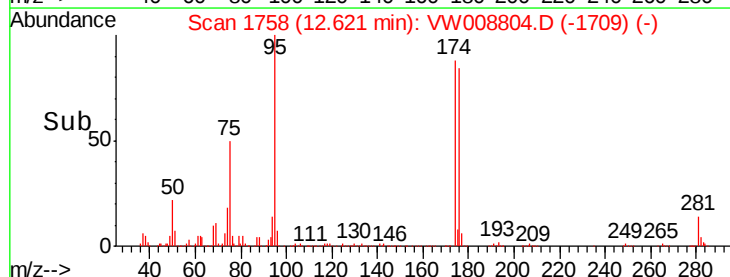
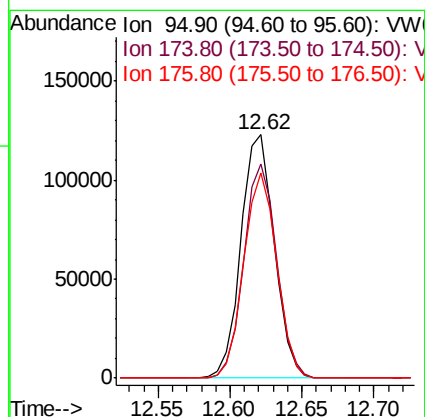
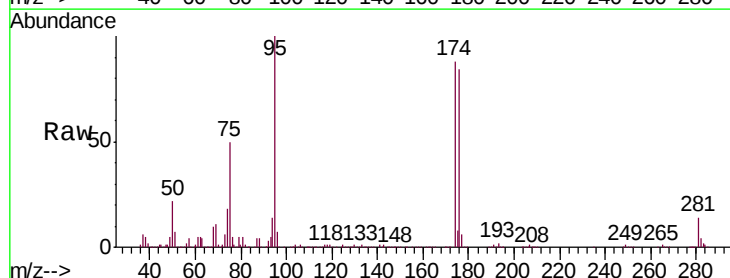
Tgt Ion: 95 Resp: 197433

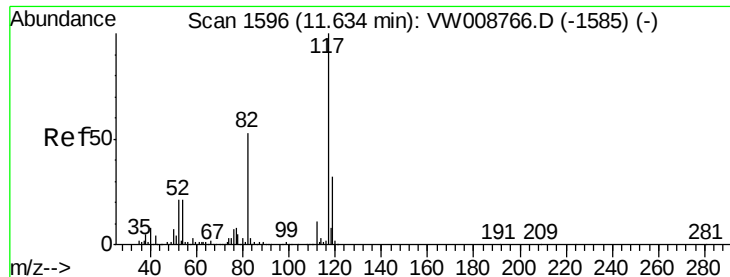
Ion Ratio Lower Upper

95 100

174 86.6 0.0 169.2

176 83.1 0.0 163.6

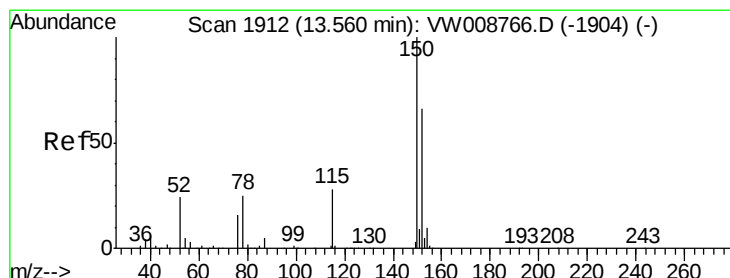
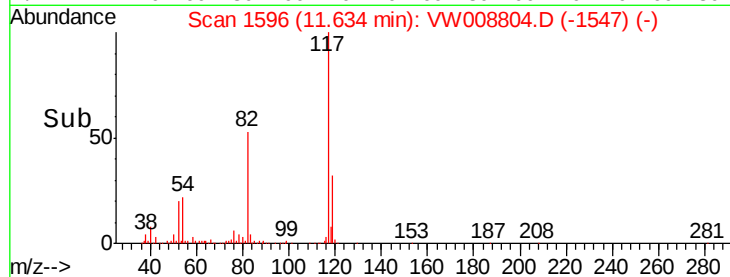
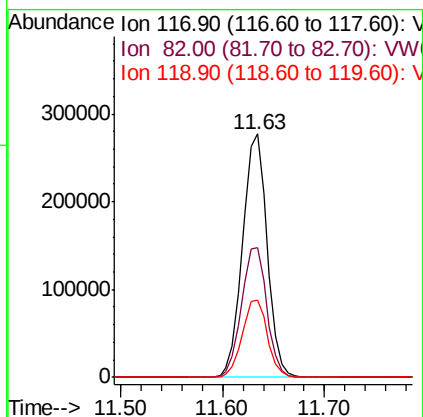
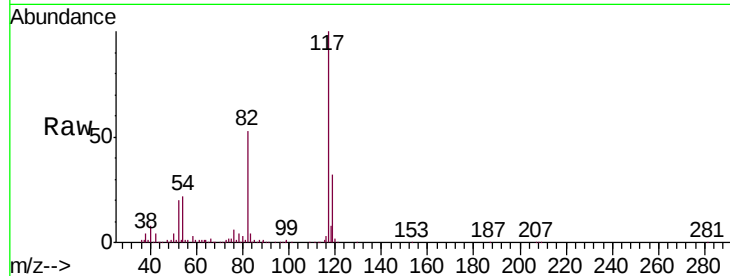




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

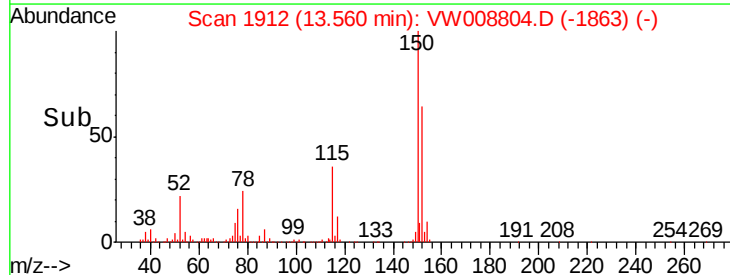
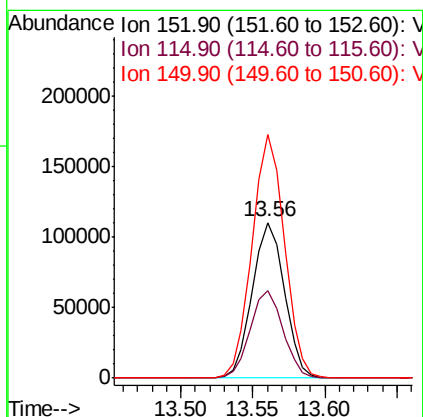
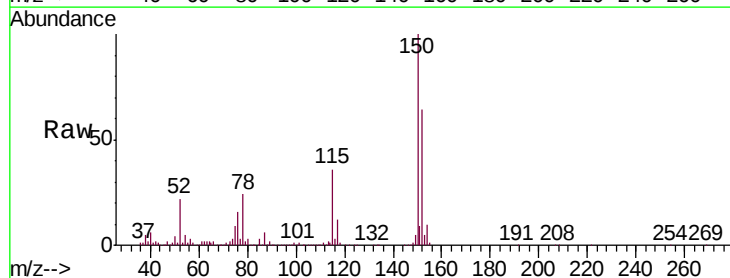
Instrument :
MSVOA_W
ClientSampleId :
TP-CBF-B11

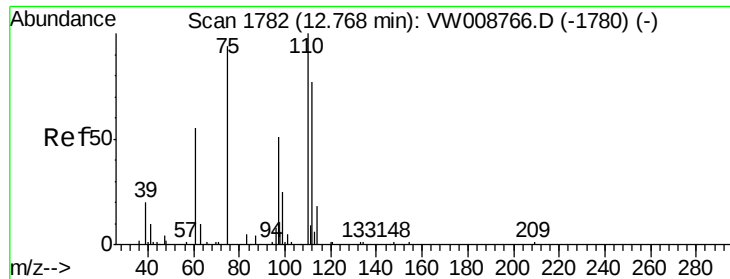
Tgt Ion:117 Resp: 463489
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008804.D
Acq: 25 Feb 2019 14:04

Tgt Ion:152 Resp: 171516
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.8
150 156.0 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 74.129 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

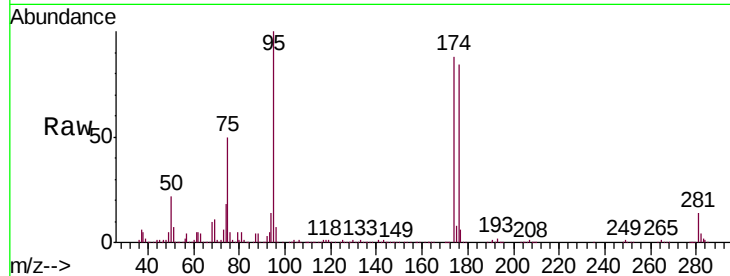
TP-CBF-B11

Tgt Ion: 75 Resp: 104974

Ion Ratio Lower Upper

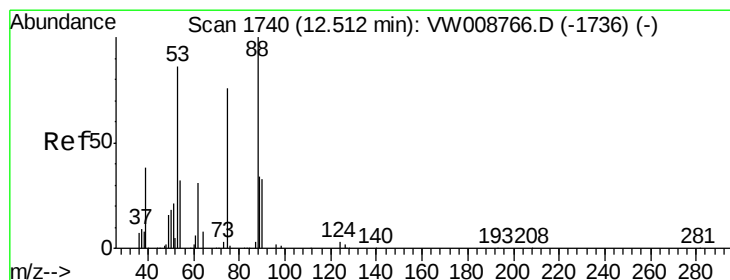
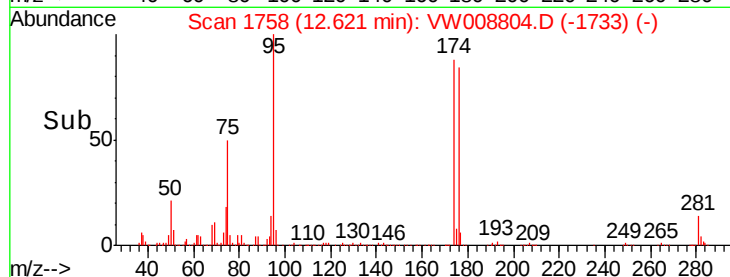
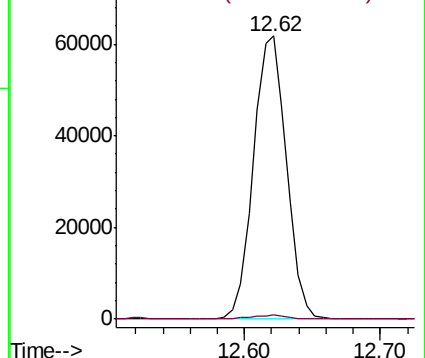
75 100

77 1.6 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: 180.214 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008804.D

Acq: 25 Feb 2019 14:04

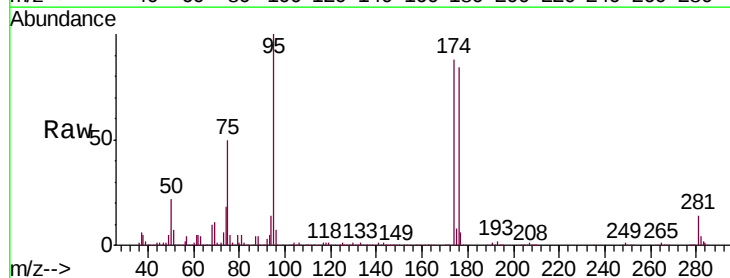
Tgt Ion: 75 Resp: 104974

Ion Ratio Lower Upper

75 100

53 0.4 88.2 132.2#

89 0.3 39.5 59.3#



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

