

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003463.D
 Acq On : 23 Jun 2018 16:28
 Operator : SY/AP
 Sample : J3664-06
 Misc : 6.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619

Quant Time: Jun 25 02:36:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	289433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88623	43.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.70%	
35) Dibromofluoromethane	7.88	113	76841	39.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.70%	
50) Toluene-d8	10.33	98	259421	33.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.00%	
62) 4-Bromofluorobenzene	12.63	95	87850	32.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.12%	

Target Compounds

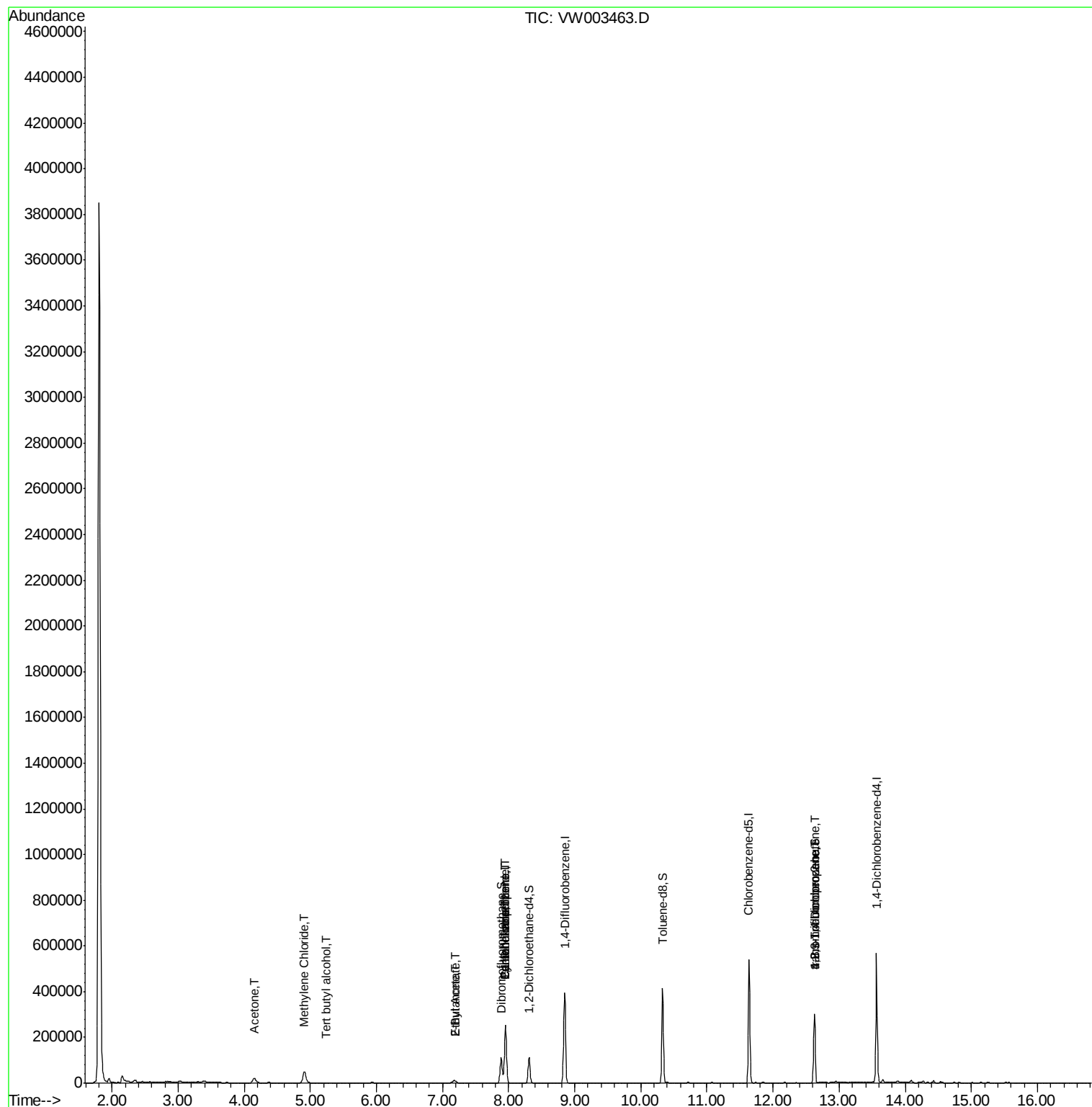
						Qvalue
11) Tert butyl alcohol	5.24	59	542	5.000	ug/l #	84
16) Acetone	4.15	43	45526	107.394	ug/l	98
20) Methylene Chloride	4.92	84	39875	19.936	ug/l	97
25) 2-Butanone	7.20	43	11311	21.458	ug/l	92
31) Cyclohexane	7.95	56	5044	1.544	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	15867	5.228	ug/l #	50
37) Ethyl Acetate	7.20	43	11211	8.917	ug/l #	70
38) Carbon Tetrachloride	7.95	117	18796	6.314	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	49240	41.586	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	49240	95.692	ug/l #	9

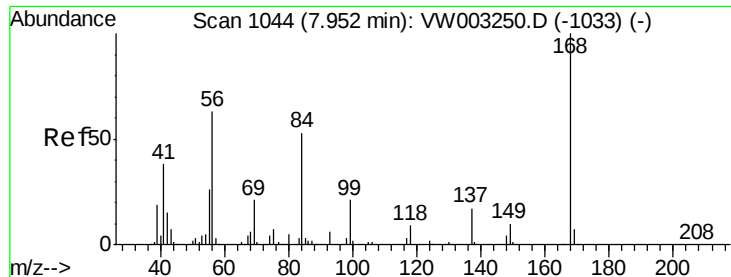
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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WP021SB476-25-27-180619

Quant Time: Jun 25 02:36:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

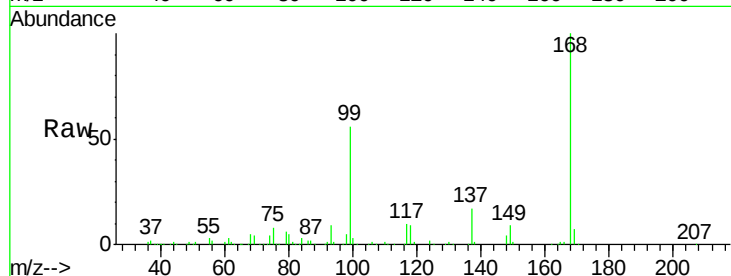
WP021SB476-25-27-180619

Tgt Ion:168 Resp: 186607

Ion Ratio Lower Upper

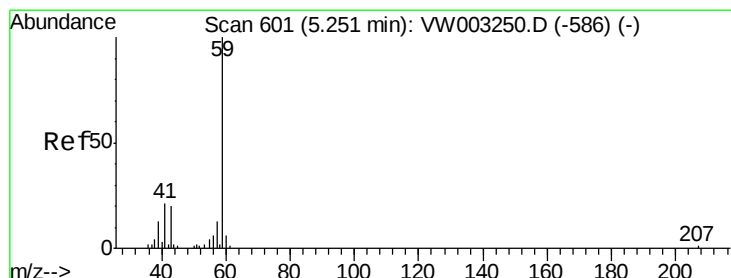
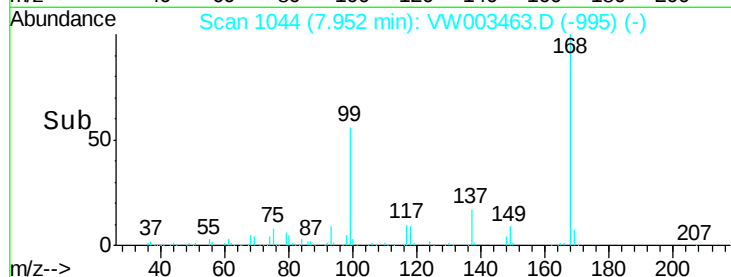
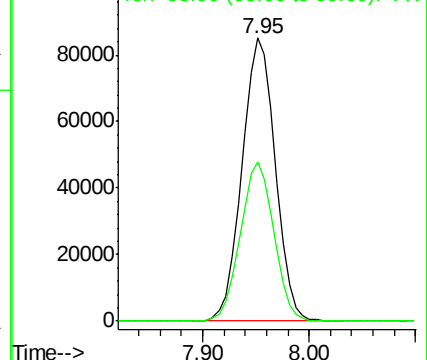
168 100

99 56.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.000 ug/l

RT: 5.24 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003463.D

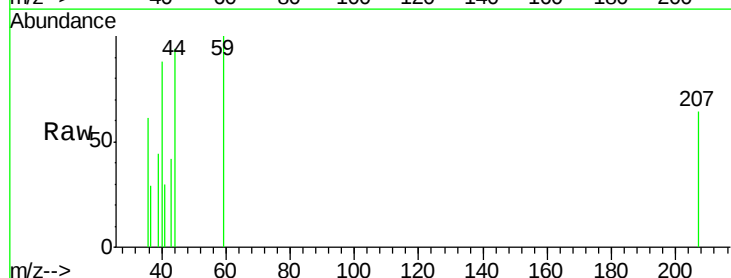
Acq: 23 Jun 2018 16:28

Tgt Ion: 59 Resp: 542

Ion Ratio Lower Upper

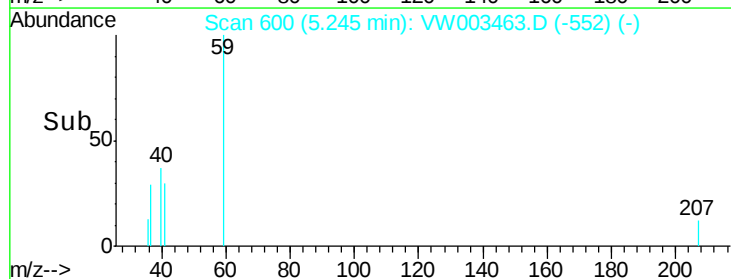
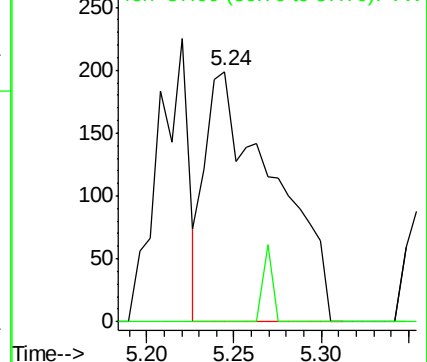
59 100

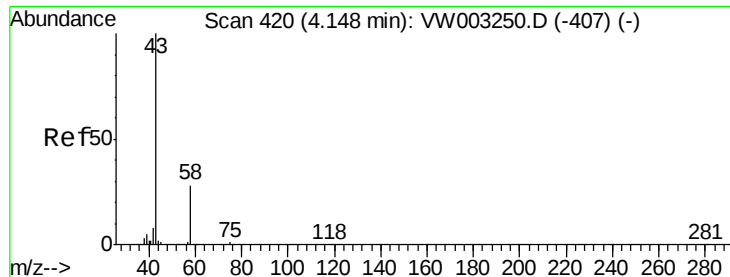
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 107.394 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

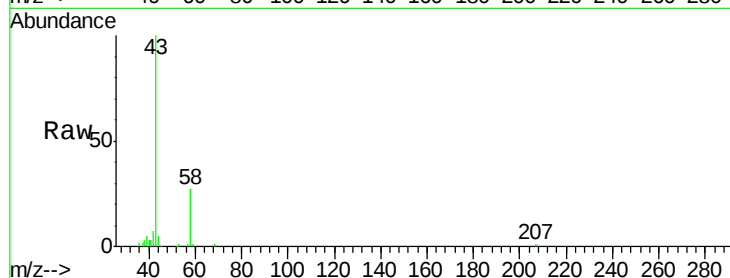
WP021SB476-25-27-180619

Tgt Ion: 43 Resp: 45526

Ion Ratio Lower Upper

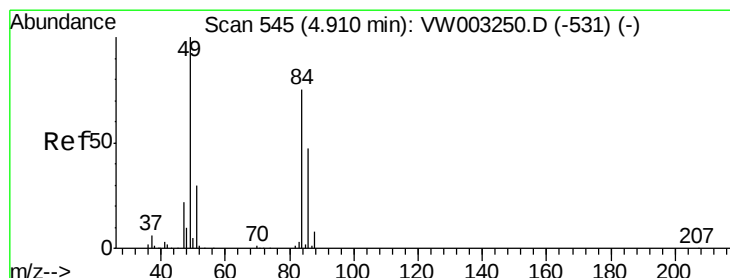
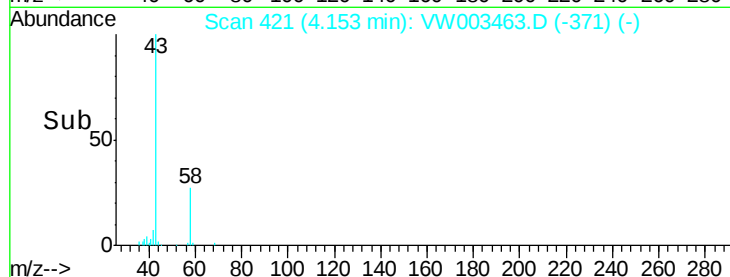
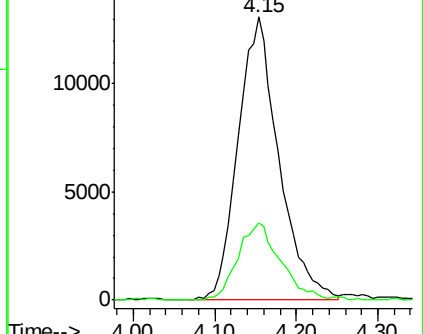
43 100

58 27.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 19.936 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Tgt Ion: 84 Resp: 39875

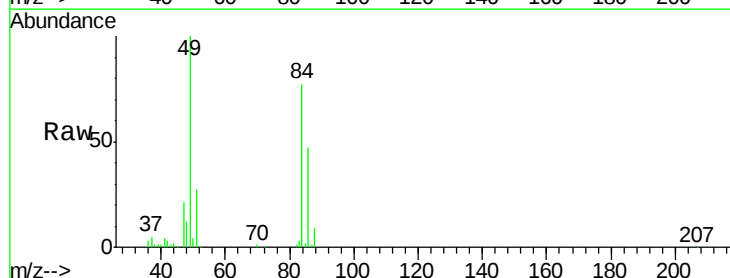
Ion Ratio Lower Upper

84 100

49 130.1 106.3 159.5

51 34.7 32.0 48.0

86 61.2 49.9 74.9

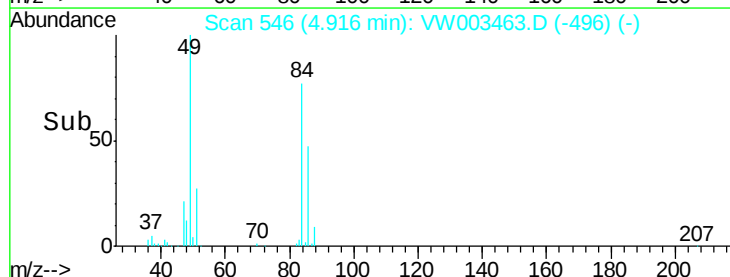
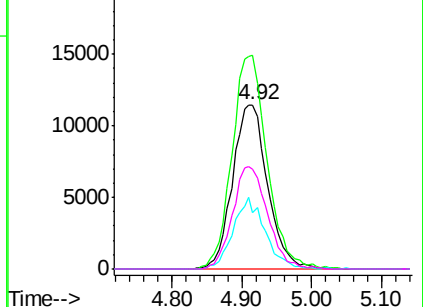


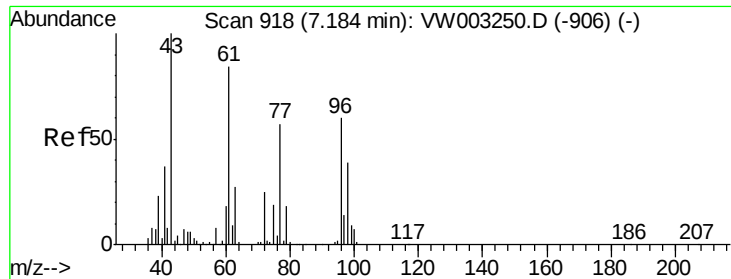
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 21.458 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

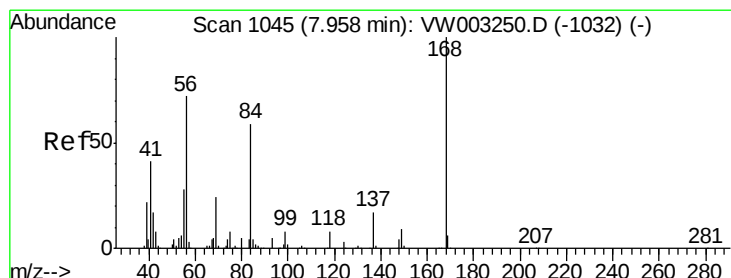
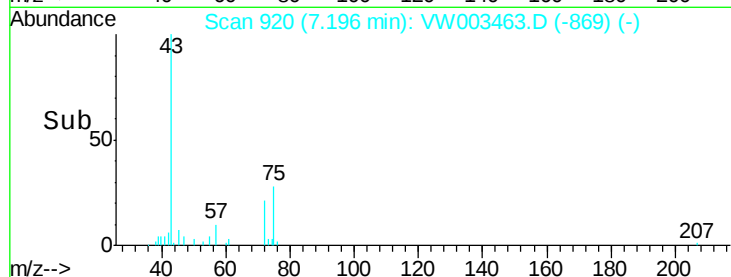
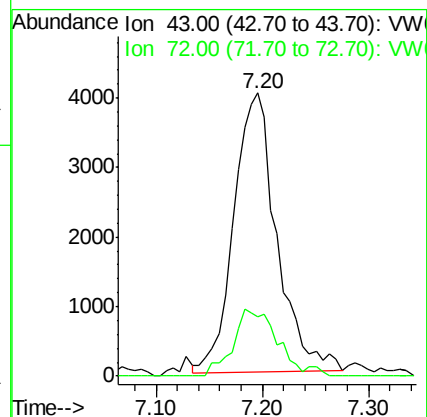
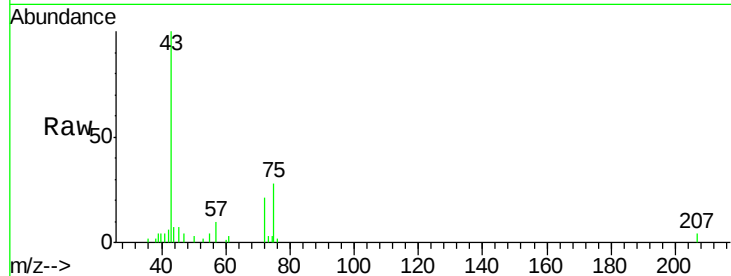
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Tgt Ion: 43 Resp: 11311

Ion Ratio Lower Upper

43 100

72 21.3 20.3 30.5



#31

Cyclohexane

Concen: 1.544 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

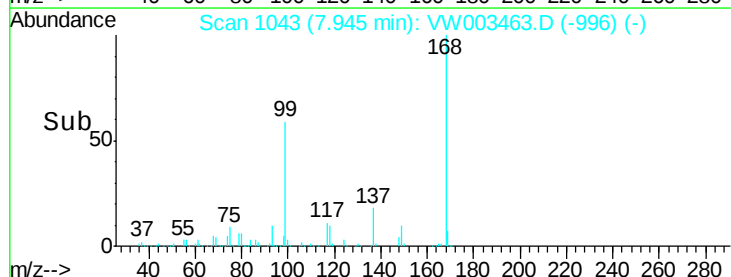
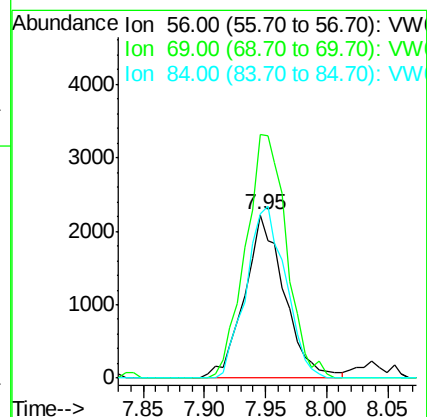
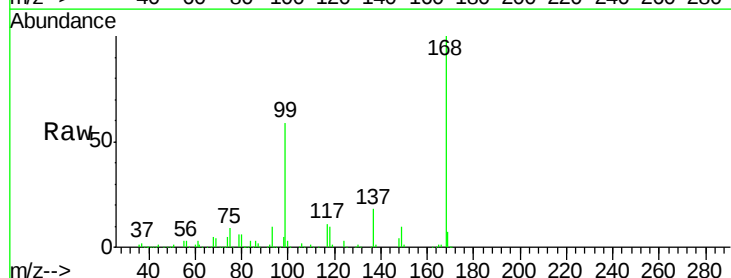
Tgt Ion: 56 Resp: 5044

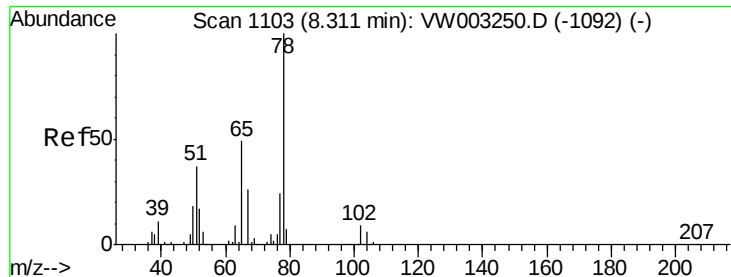
Ion Ratio Lower Upper

56 100

69 149.1 26.3 39.5#

84 100.4 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 43.846 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

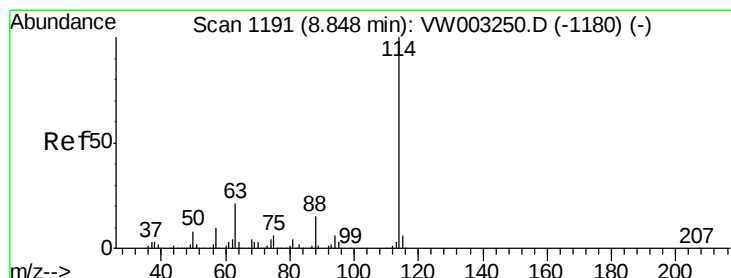
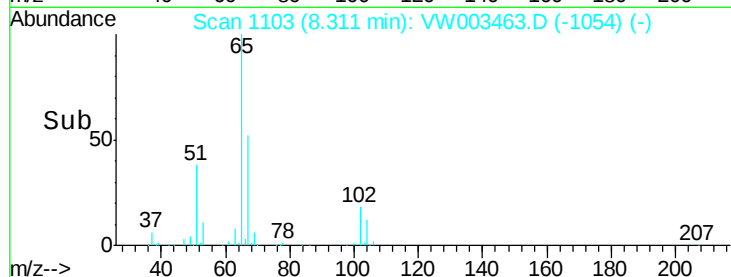
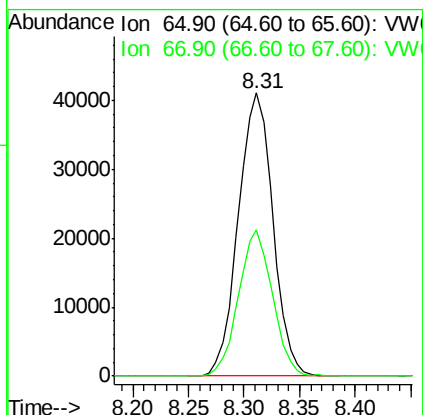
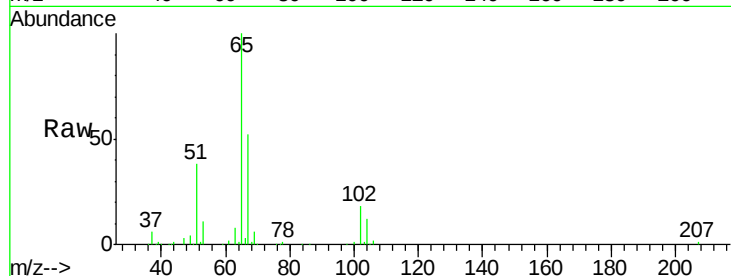
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Tgt Ion: 65 Resp: 88623

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

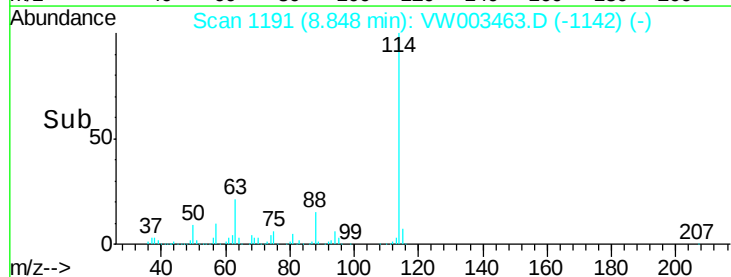
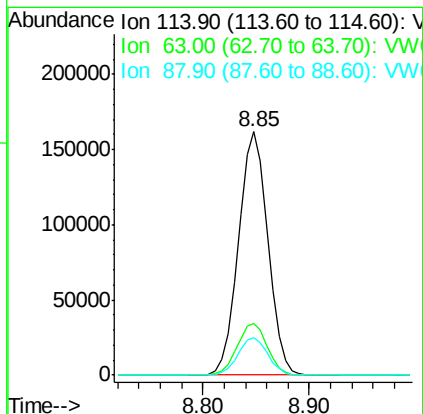
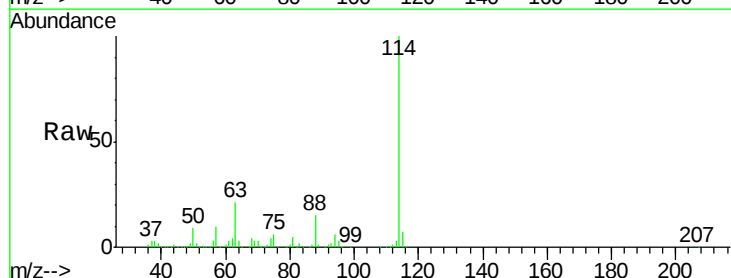
Tgt Ion: 114 Resp: 314267

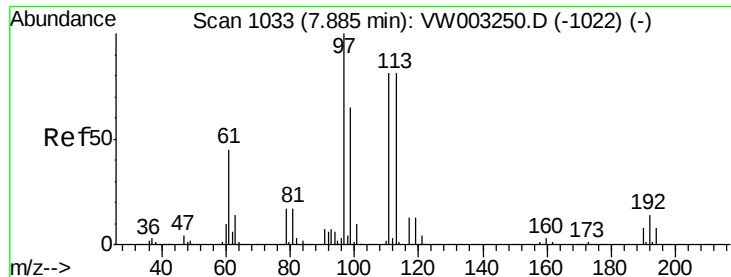
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

88 15.2 0.0 29.6

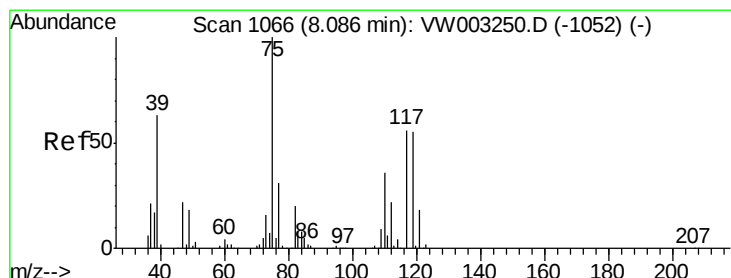
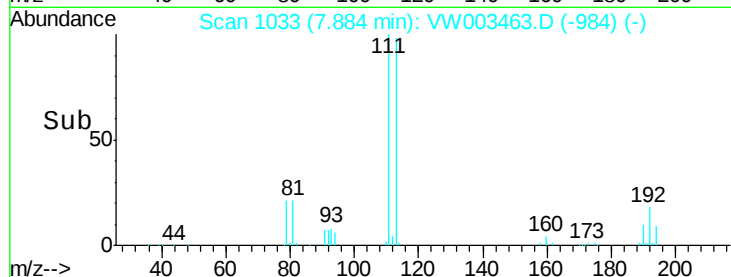
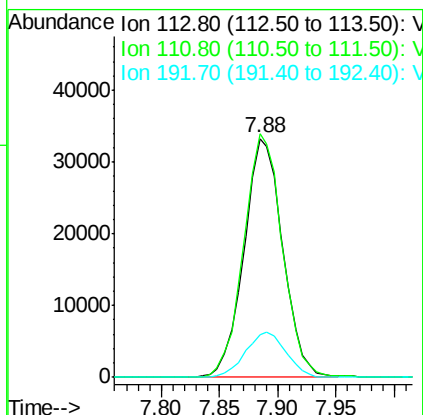
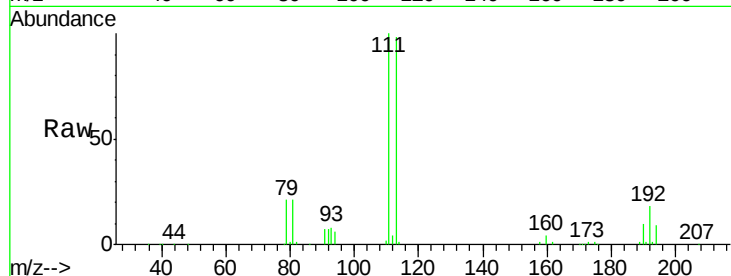




#35
 Dibromofluoromethane
 Concen: 39.350 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

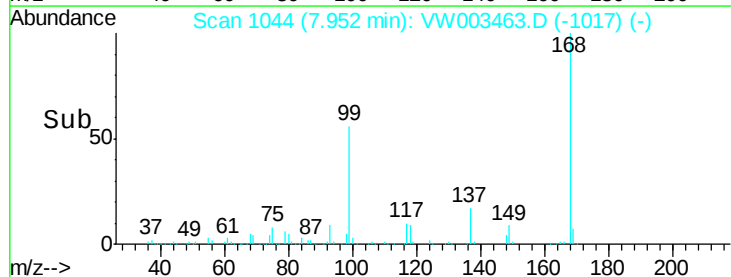
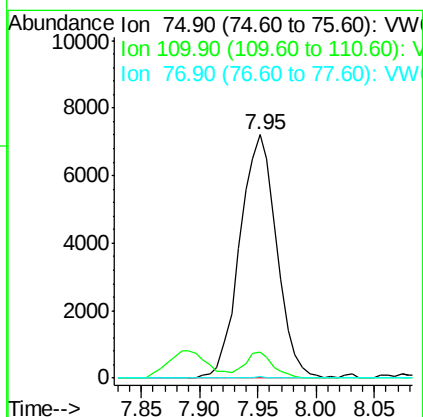
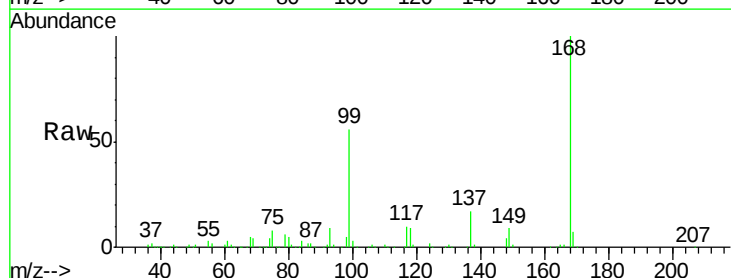
Instrument :
 MSVOA_W
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 WP021SB476-25-27-180619

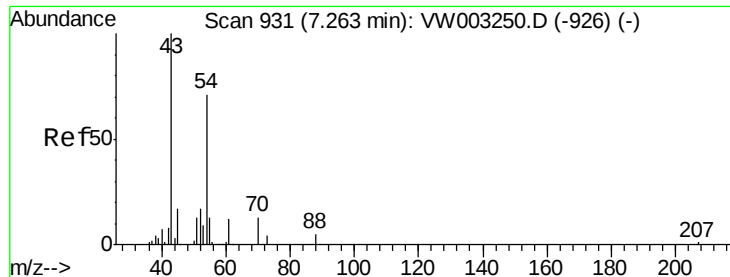
Tgt Ion:113 Resp: 76841
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.228 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

Tgt Ion: 75 Resp: 15867
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.1 51.3#
 77 0.1 24.9 37.3#

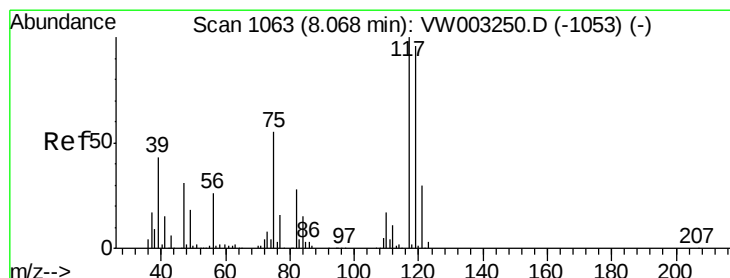
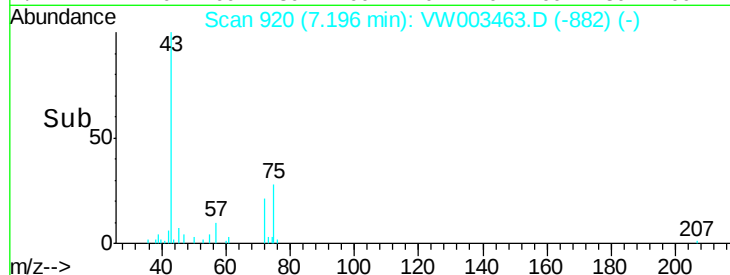
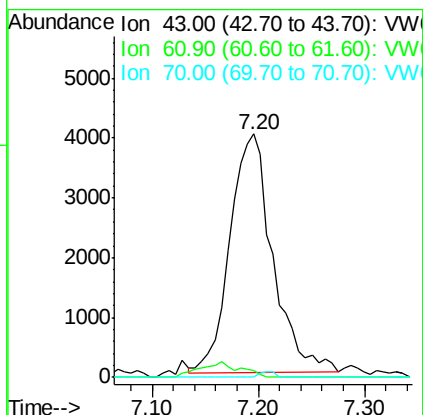
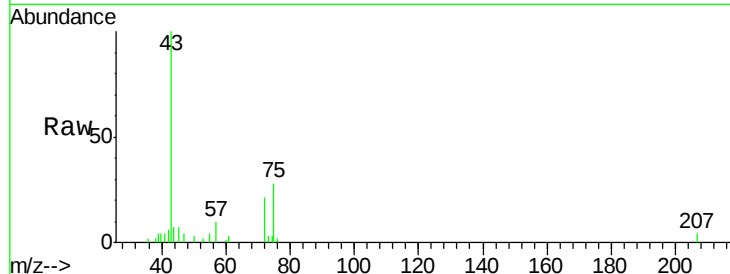




#37
 Ethyl Acetate
 Concen: 8.917 ug/l
 RT: 7.20 min Scan# 920
 Delta R.T. -0.07 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

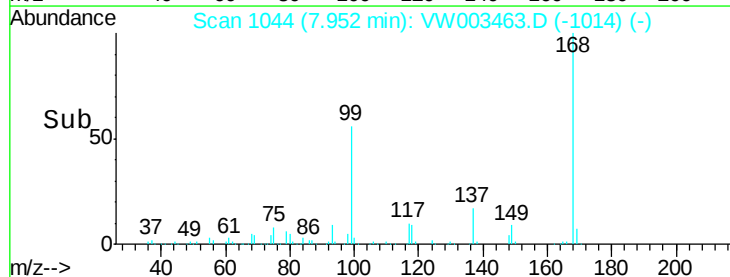
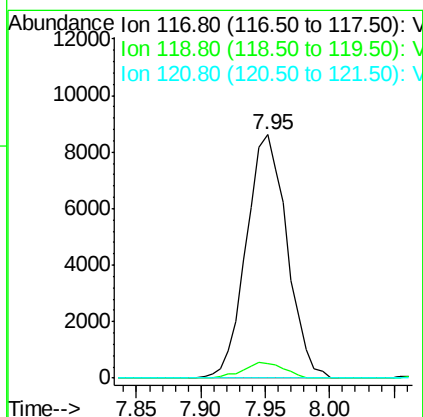
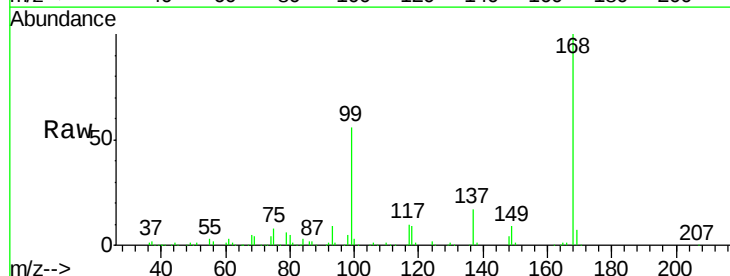
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619

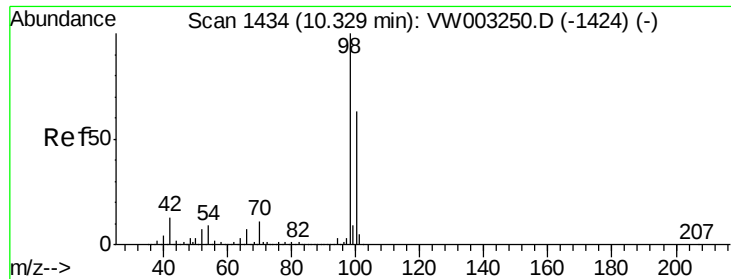
Tgt Ion: 43 Resp: 11211
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.8 7.8 11.6#



#38
 Carbon Tetrachloride
 Concen: 6.314 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

Tgt Ion: 117 Resp: 18796
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 33.503 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

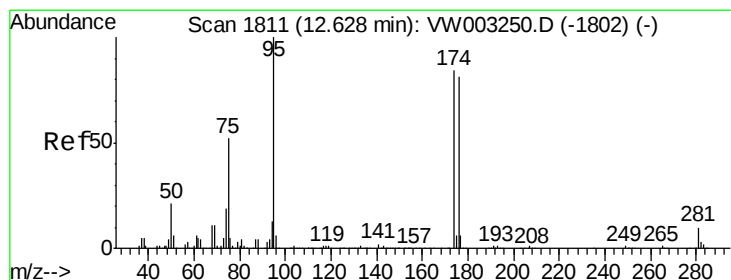
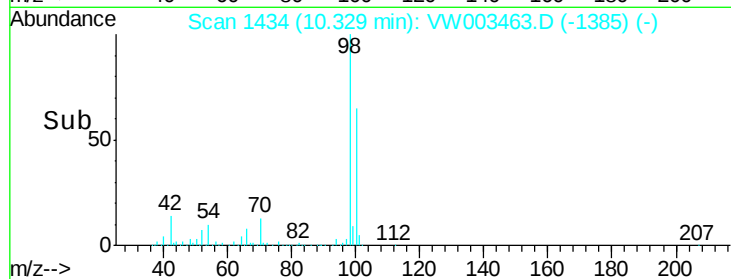
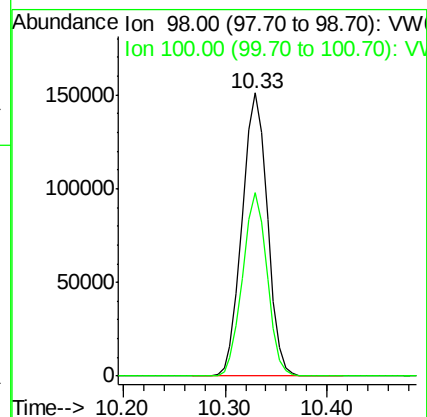
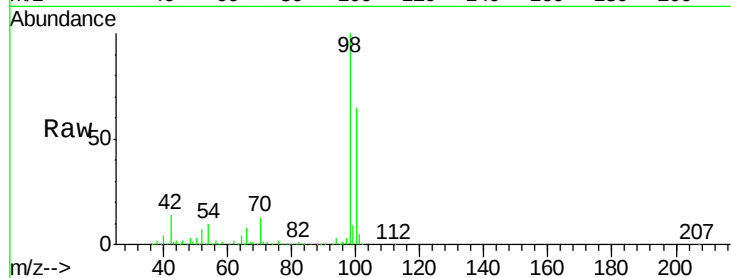
WP021SB476-25-27-180619

Tgt Ion: 98 Resp: 259421

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 32.059 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

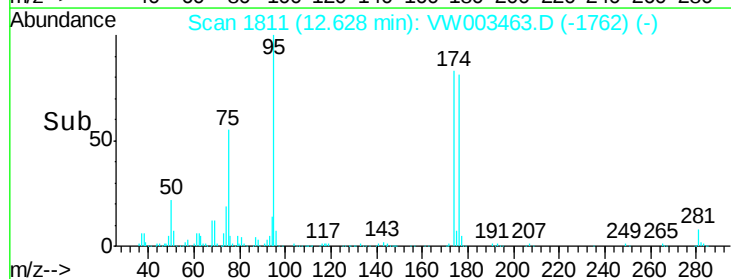
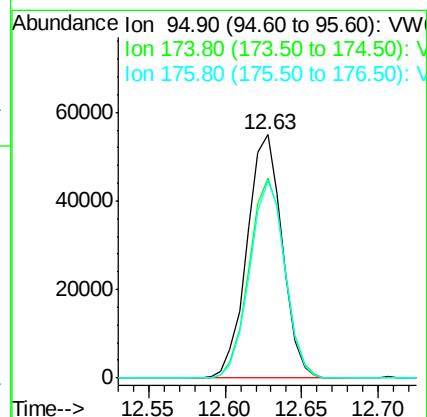
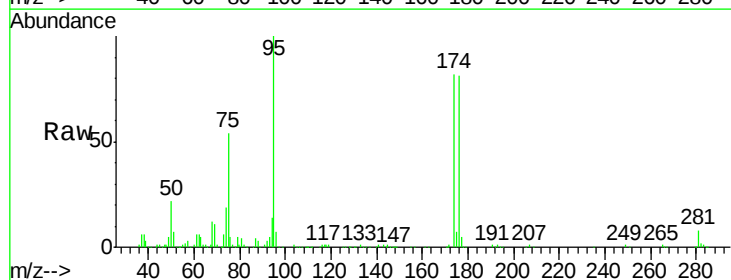
Tgt Ion: 95 Resp: 87850

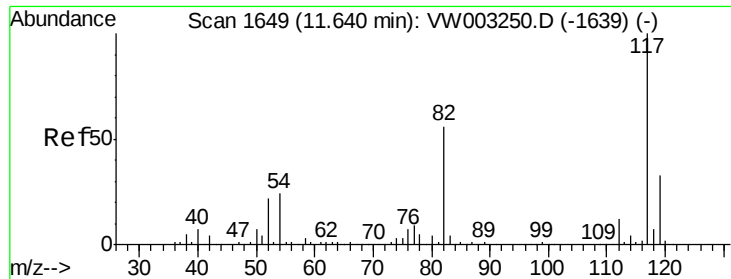
Ion Ratio Lower Upper

95 100

174 83.9 0.0 166.4

176 81.0 0.0 162.0

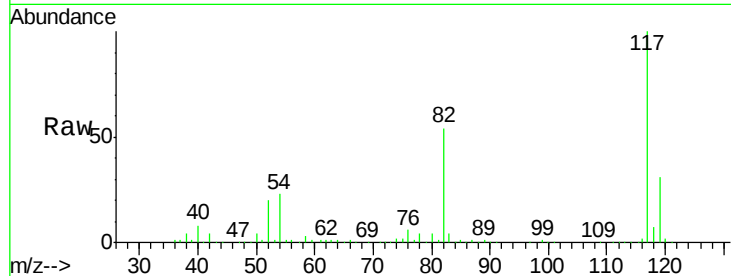




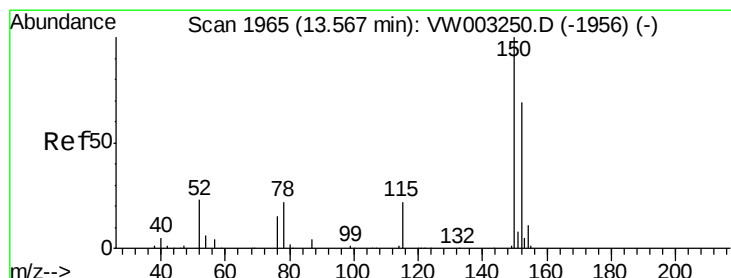
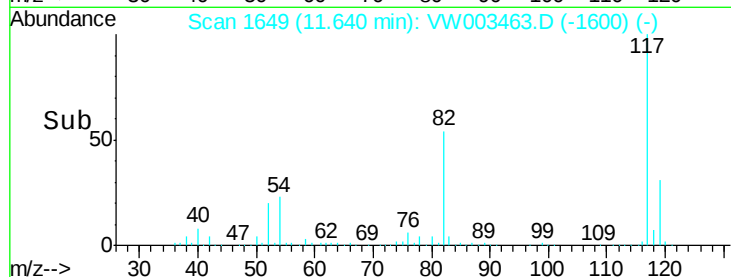
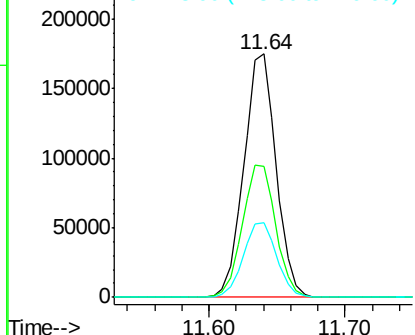
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619

Tgt Ion:117 Resp: 289433
 Ion Ratio Lower Upper
 117 100
 82 53.7 44.6 67.0
 119 30.8 26.7 40.1

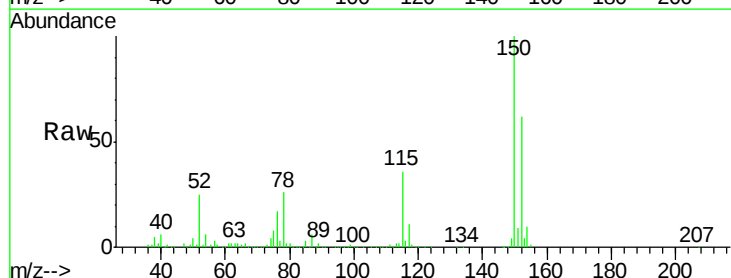


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

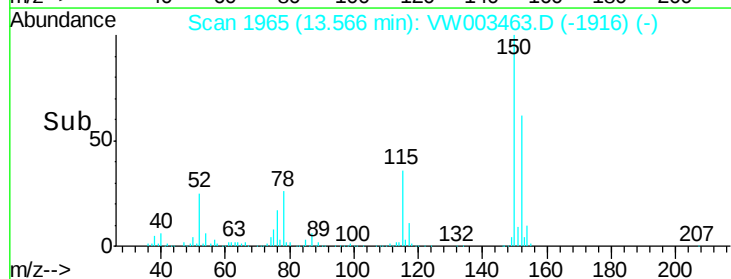
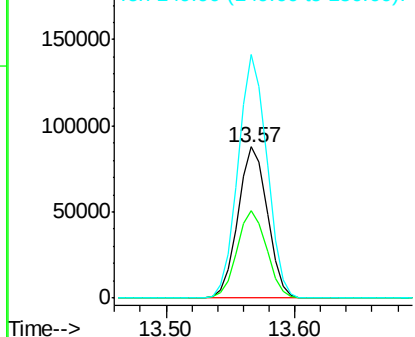


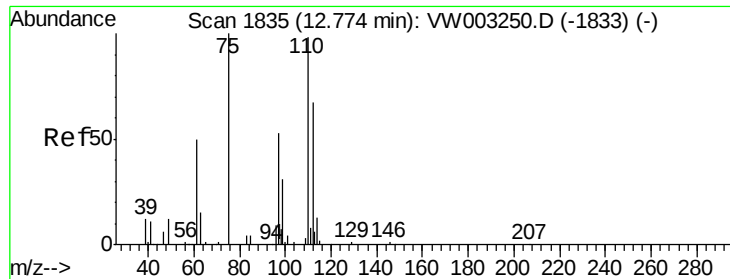
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

Tgt Ion:152 Resp: 138504
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.3 88.0
 150 158.7 0.0 349.6



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: 41.586 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

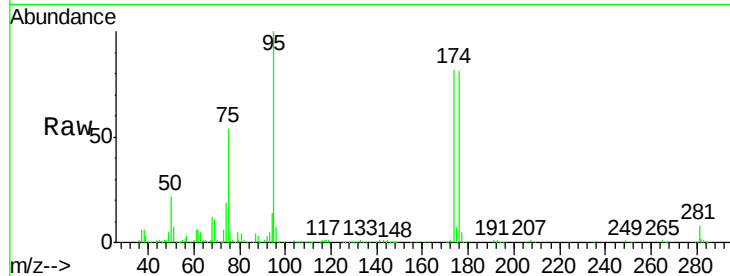
WP021SB476-25-27-180619

Tgt Ion: 75 Resp: 49240

Ion Ratio Lower Upper

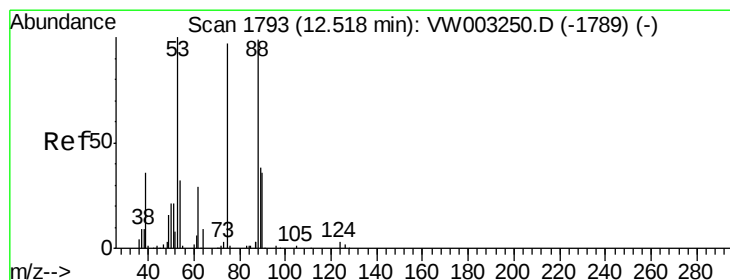
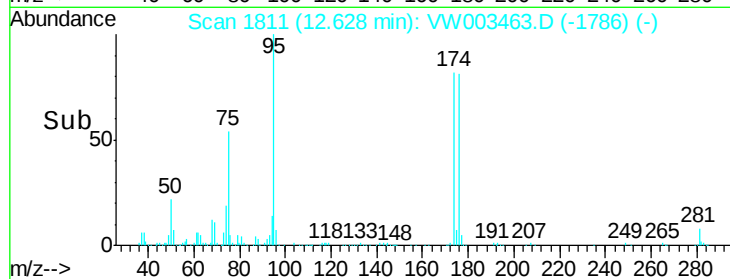
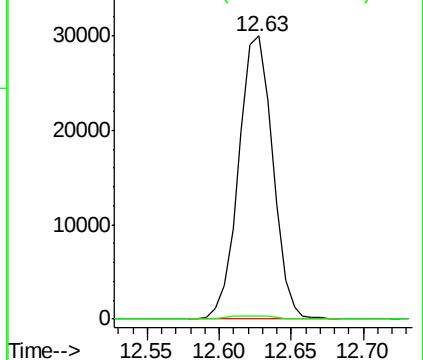
75 100

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: 95.692 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

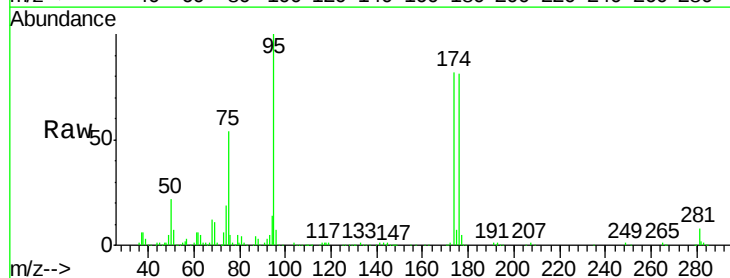
Tgt Ion: 75 Resp: 49240

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.2 36.7 55.1#



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

