

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015666.D
 Acq On : 23 Jun 2020 17:12
 Operator : SY/VA
 Sample : L3079-07
 Misc : 7.61G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-35.0-37.0

Quant Time: Jun 24 03:07:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101732	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	
35) Dibromofluoromethane	7.89	113	92638	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.32	98	359489	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	121687	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

Target Compounds

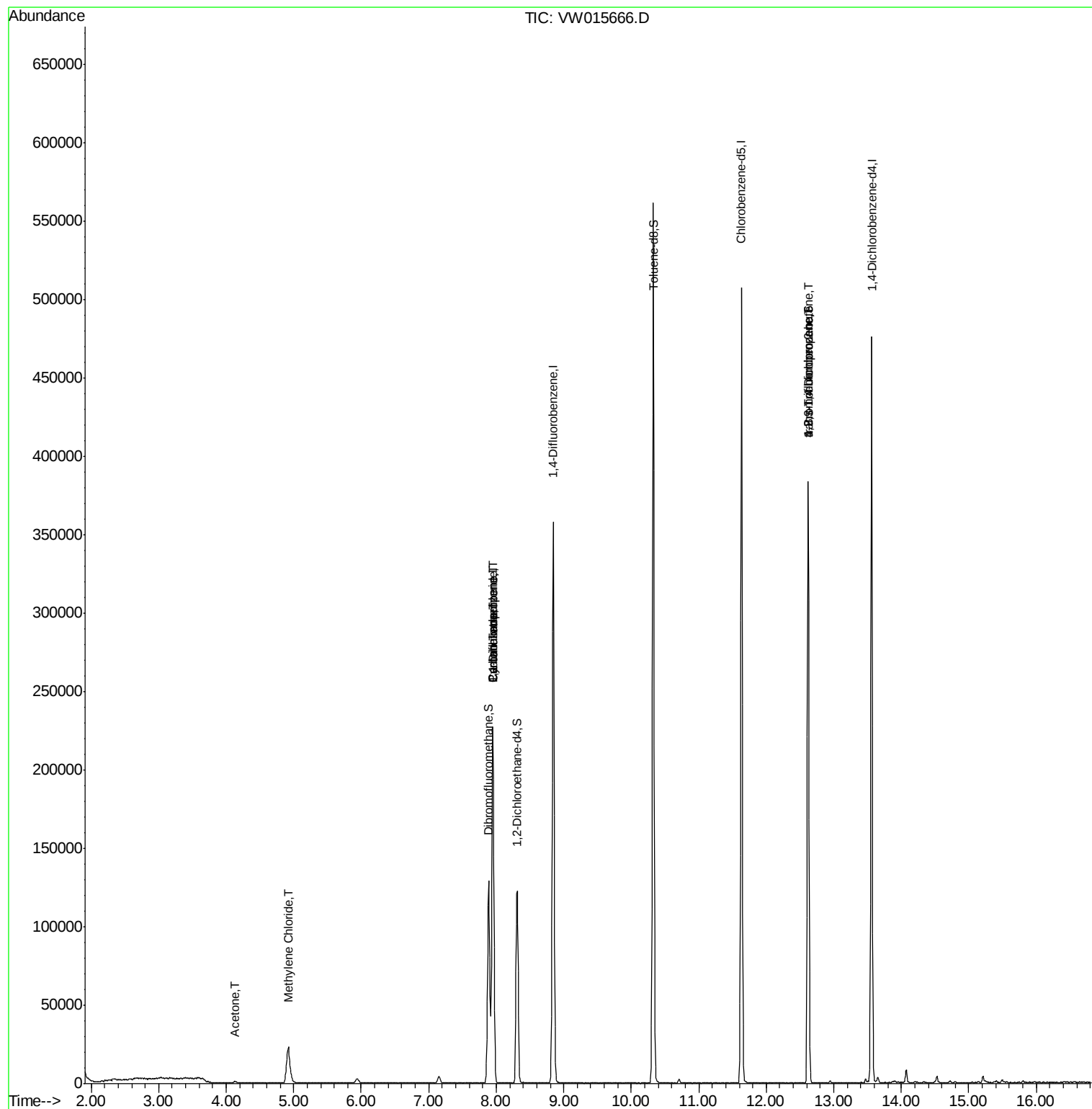
					Qvalue
11) Tert butyl alcohol	5.17	59	55	Below Cal	# 72
16) Acetone	4.13	43	1904	5.376	ug/l 93
18) Methyl Acetate	4.68	43	19	Below Cal	# 52
20) Methylene Chloride	4.92	84	19455	7.392	ug/l 92
31) Cyclohexane	7.95	56	4163	1.297	ug/l # 27
36) 1,1-Dichloropropene	7.95	75	13706	4.557	ug/l # 49
38) Carbon Tetrachloride	7.95	117	16592	5.691	ug/l # 18
76) 1,2,3-Trichloropropane	12.62	75	65645	60.333	ug/l # 1
81) trans-1,4-Dichloro-2-buten	12.62	75	65645	152.041	ug/l # 8

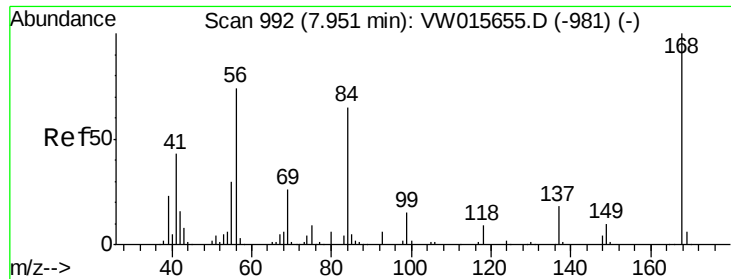
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

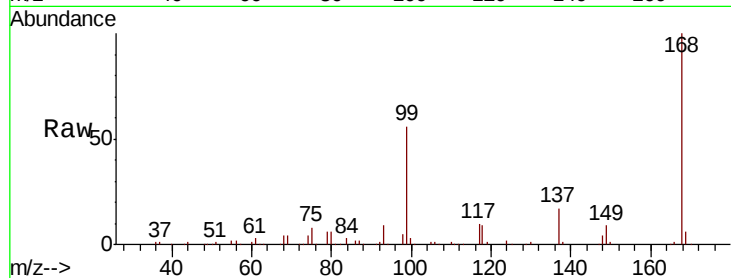
JFK-SB-01-35.0-37.0

Tot Ion:168 Resp: 167455

Ion Ratio Lower Upper

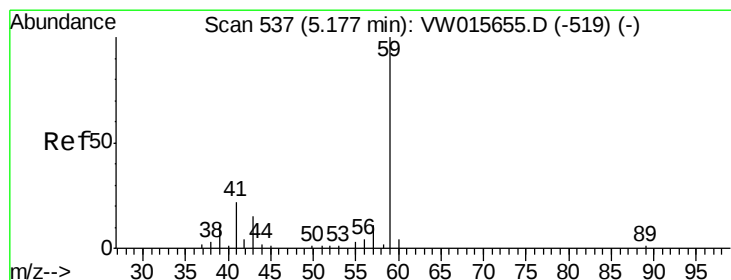
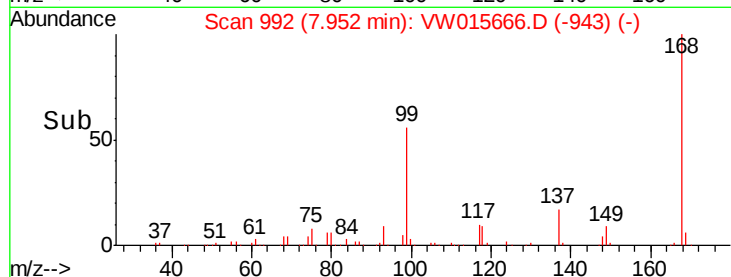
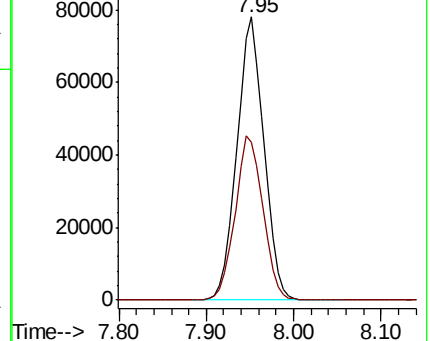
168 100

99 55.7 48.6 73.0



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: VW015666.D

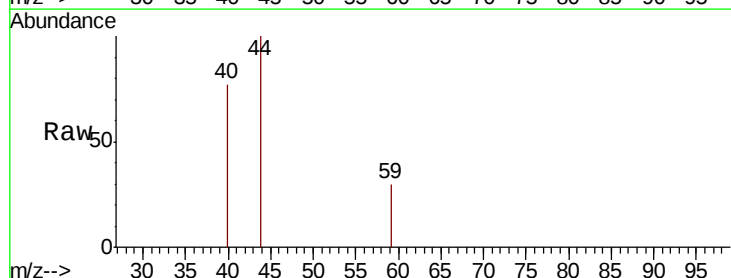
Acq: 23 Jun 2020 17:12

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

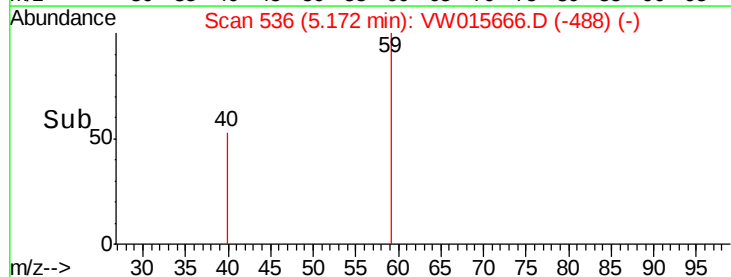
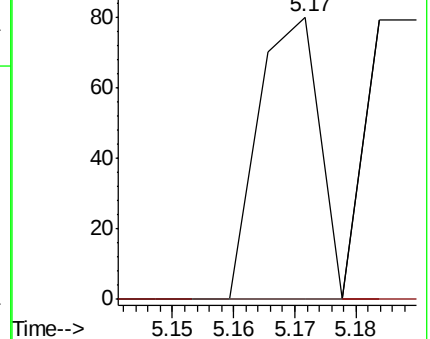
59 100

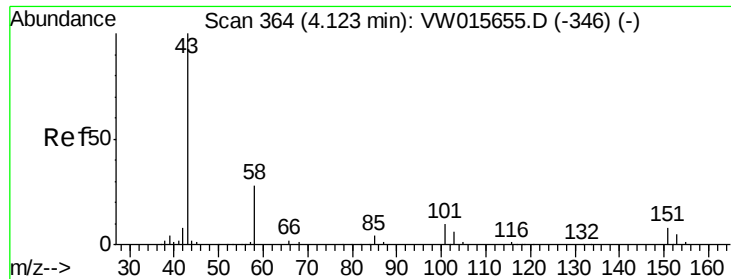
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.376 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

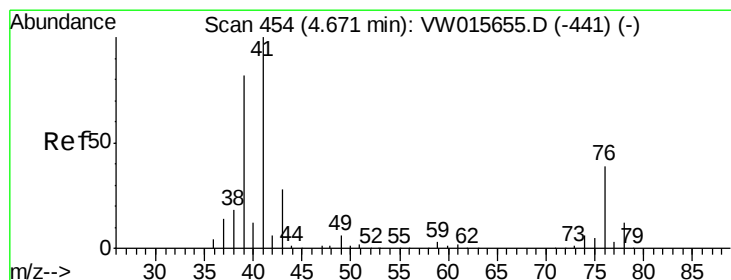
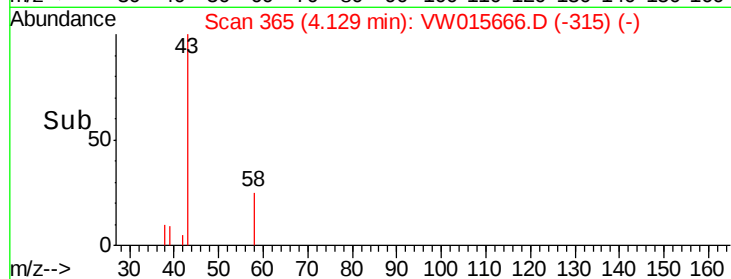
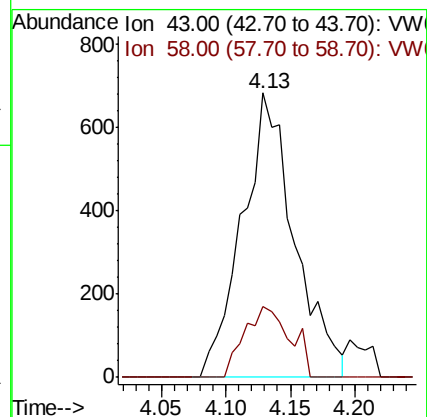
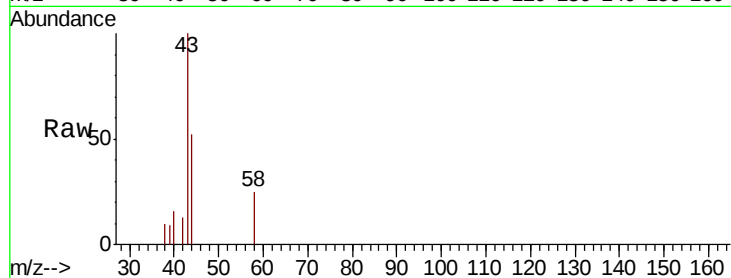
JFK-SB-01-35.0-37.0

Tot Ion: 43 Resp: 1904

Ion Ratio Lower Upper

43 100

58 24.7 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015666.D

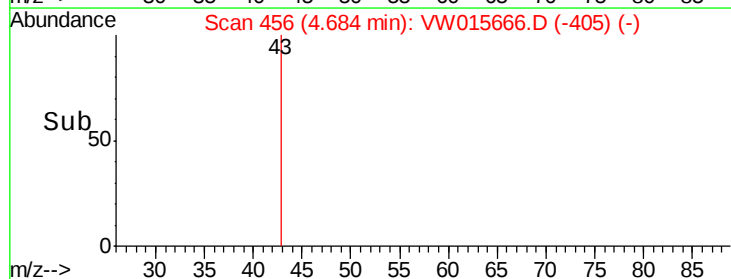
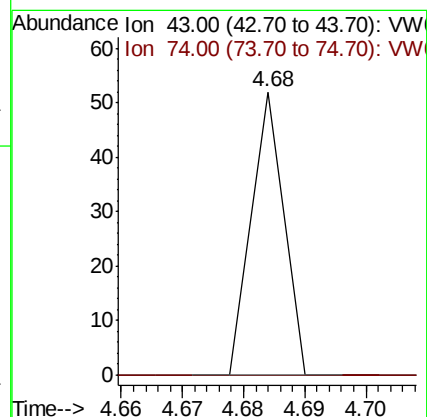
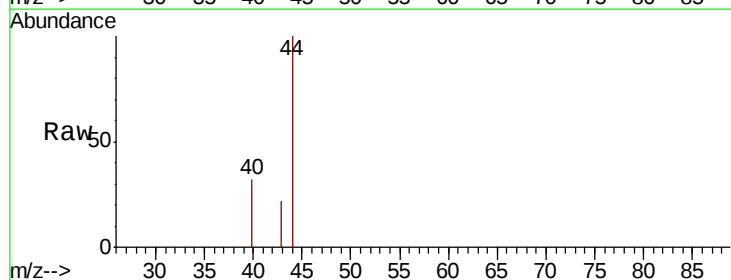
Acq: 23 Jun 2020 17:12

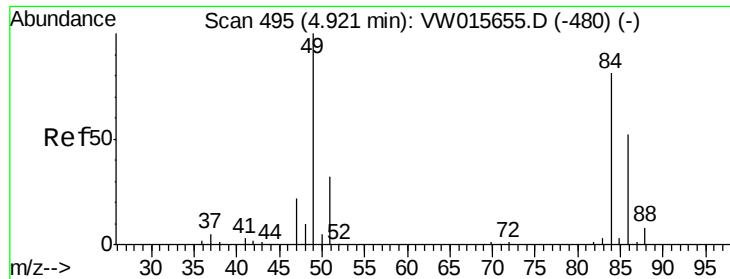
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

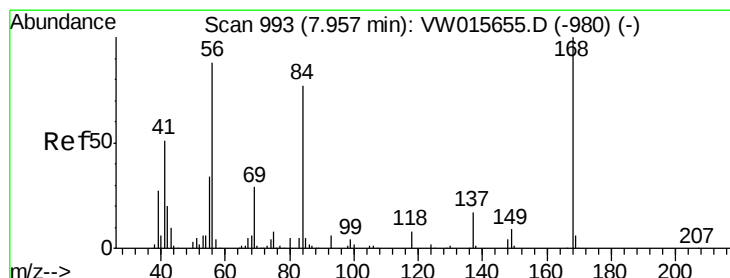
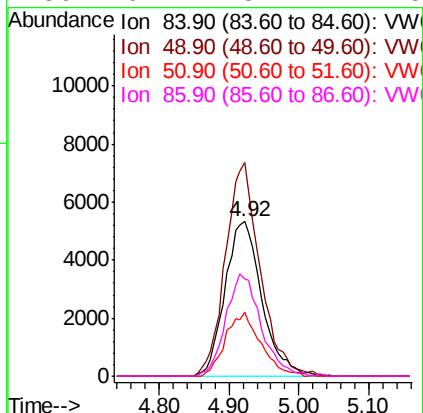
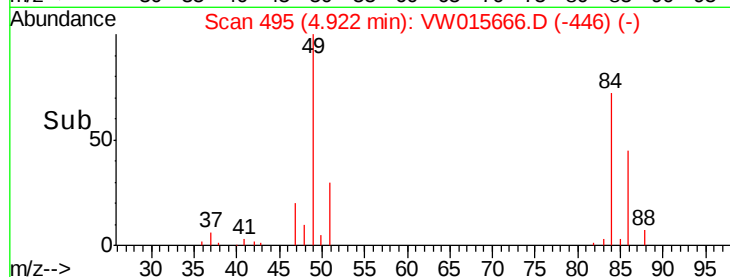
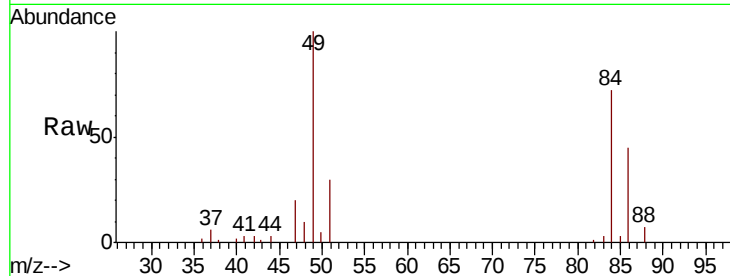




#20
Methylene Chloride
Concen: 7.392 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015666.D
Acq: 23 Jun 2020 17:12

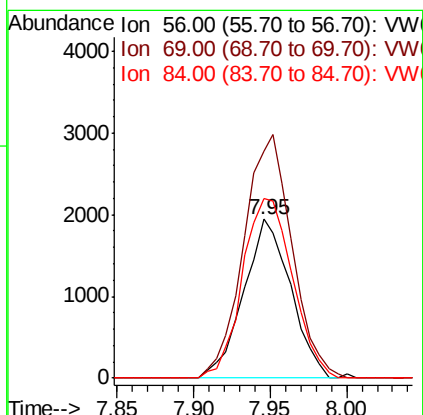
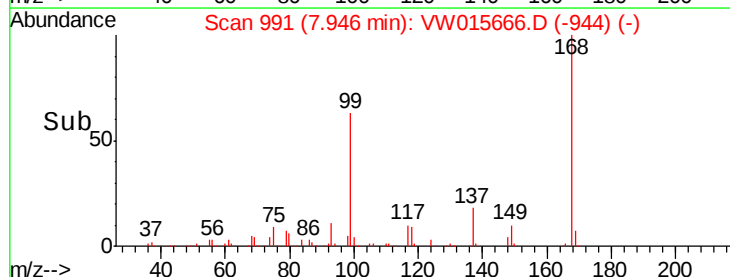
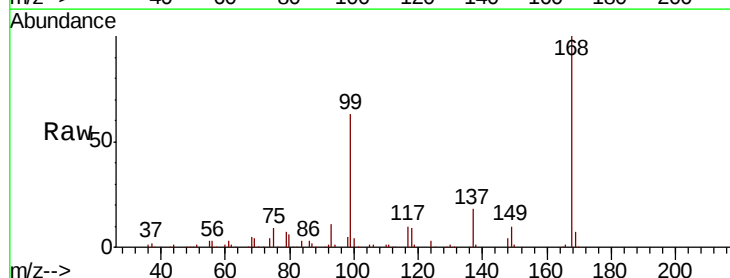
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-01-35.0-37.0

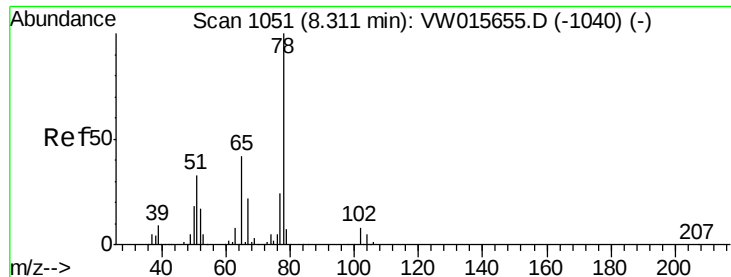
Tot Ion: 84 Resp: 19455
Ion Ratio Lower Upper
84 100
49 138.2 99.3 148.9
51 41.7 31.8 47.6
86 62.7 51.7 77.5



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015666.D
Acq: 23 Jun 2020 17:12

Tgt Ion: 56 Resp: 4163
Ion Ratio Lower Upper
56 100
69 143.5 26.2 39.4#
84 112.9 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 54.602 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

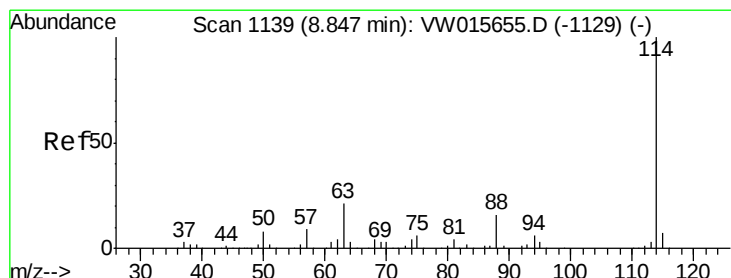
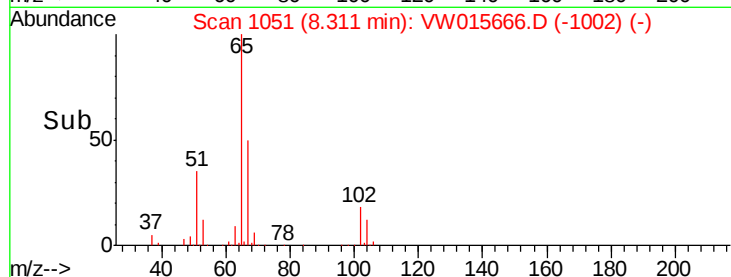
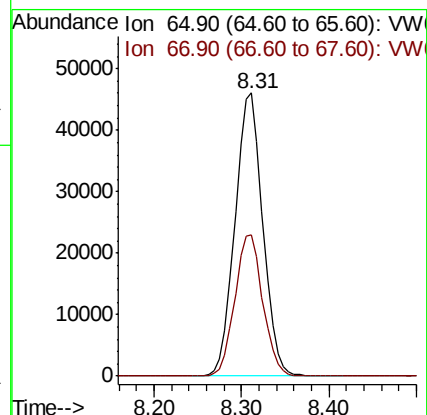
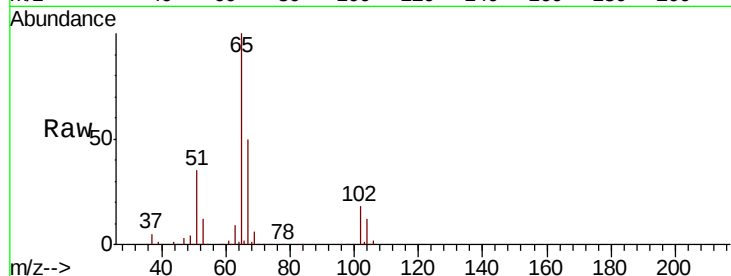
JFK-SB-01-35.0-37.0

Tot Ion: 65 Resp: 101732

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

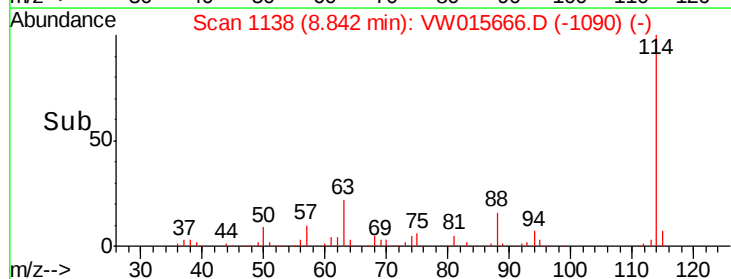
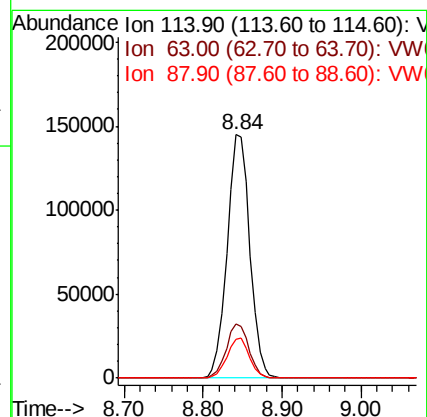
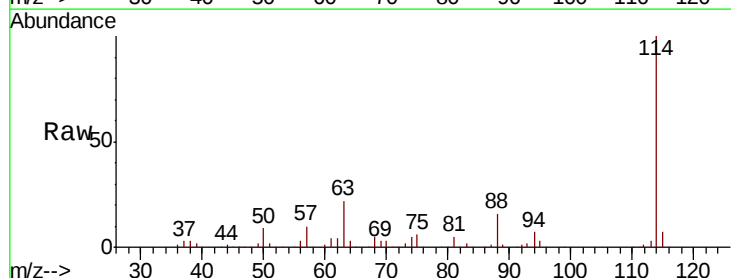
Tgt Ion: 114 Resp: 289165

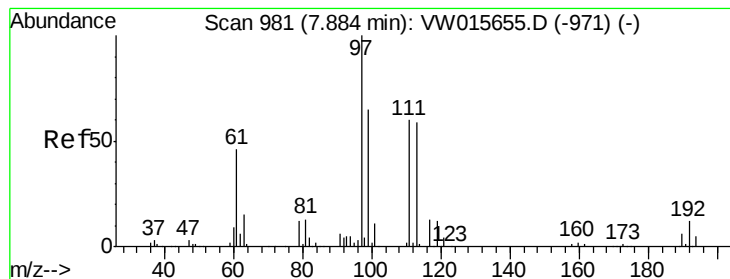
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.930 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

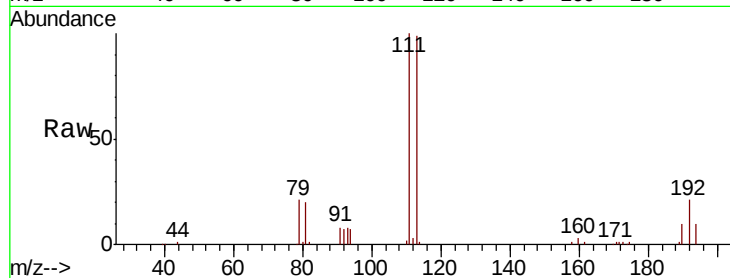
Tot Ion:113 Resp: 92638

Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

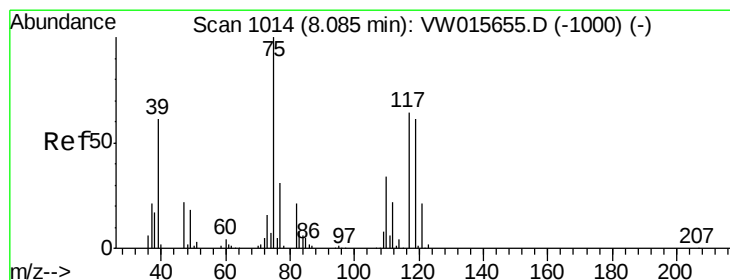
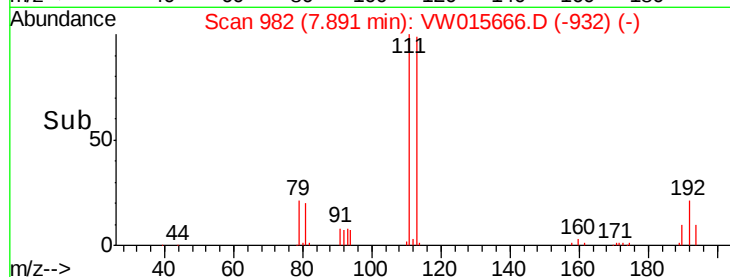
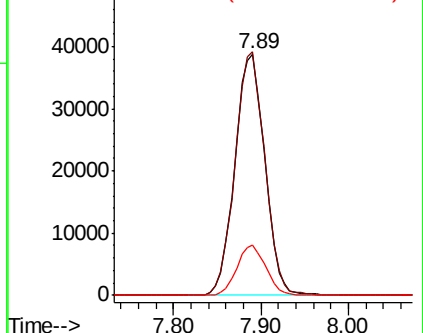
192 20.0 16.4 24.6



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: 4.557 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

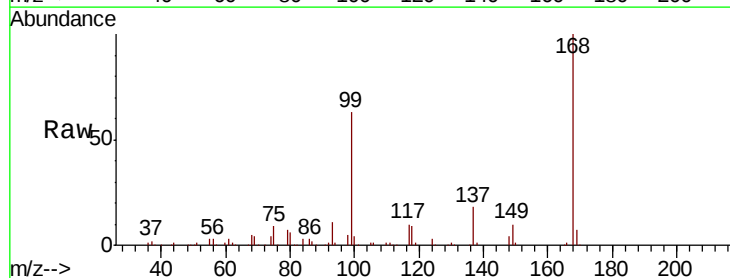
Tgt Ion: 75 Resp: 13706

Ion Ratio Lower Upper

75 100

110 7.7 17.0 51.0#

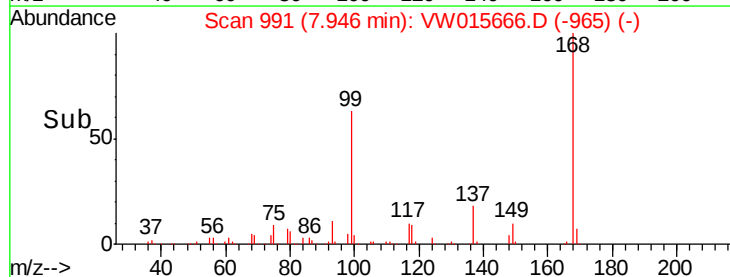
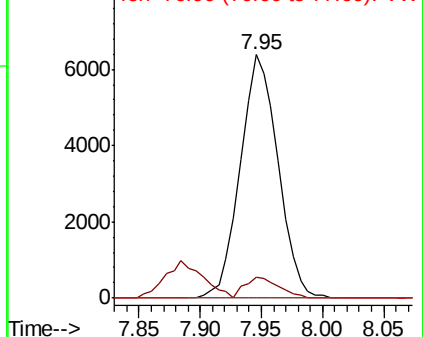
77 0.0 24.6 36.8#

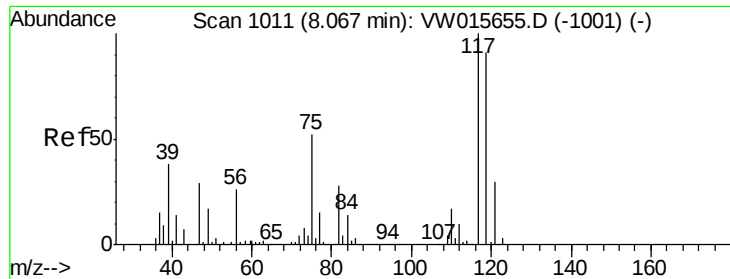


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.691 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

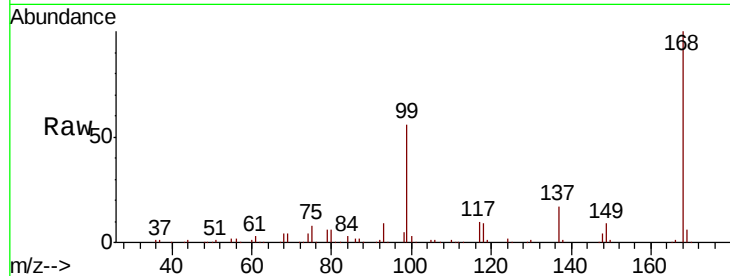
Tot Ion:117 Resp: 16592

Ion Ratio Lower Upper

117 100

119 5.4 73.2 109.8#

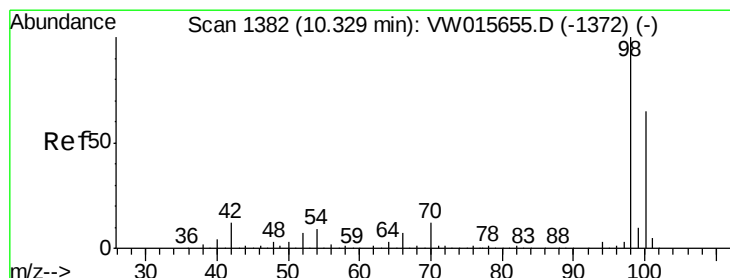
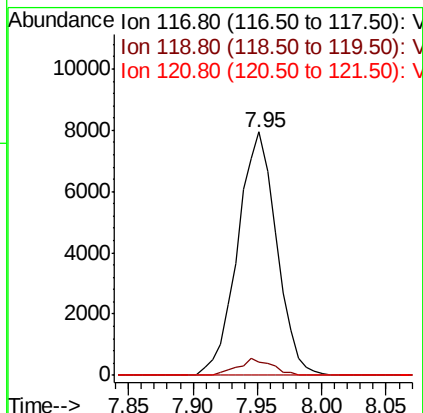
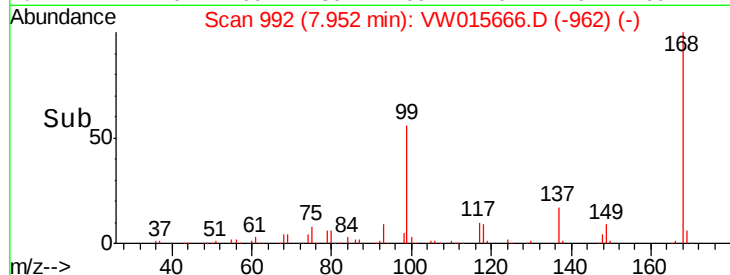
121 0.0 23.9 35.9#



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: 50.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015666.D

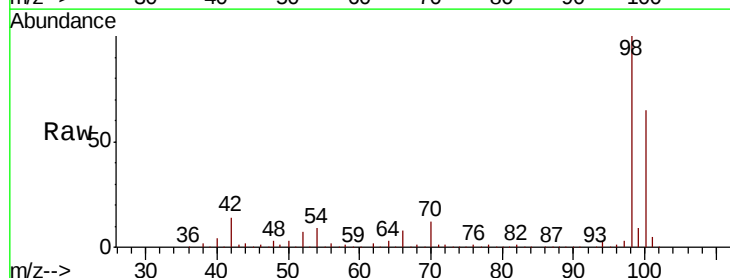
Acq: 23 Jun 2020 17:12

Tgt Ion: 98 Resp: 359489

Ion Ratio Lower Upper

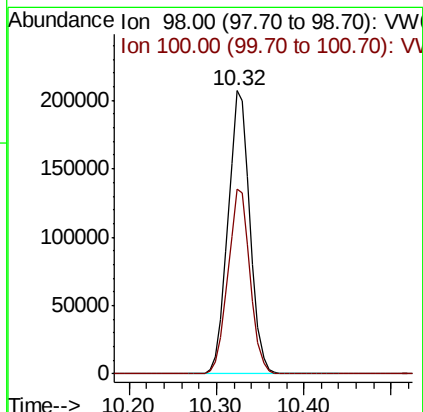
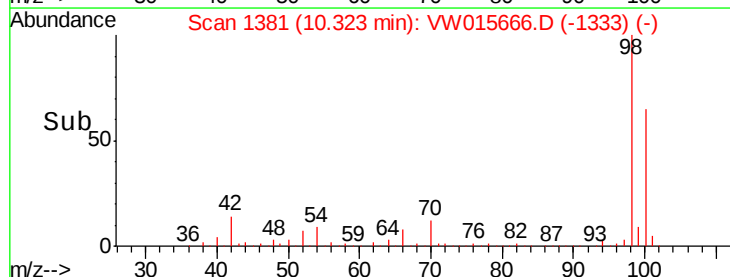
98 100

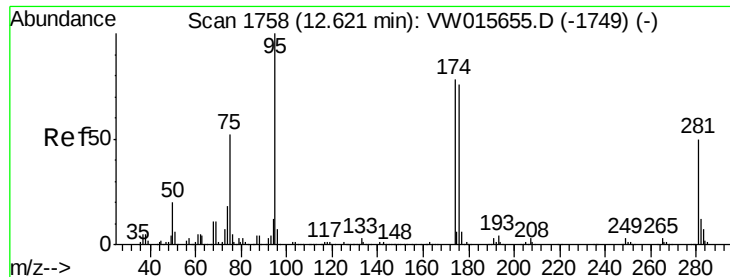
100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

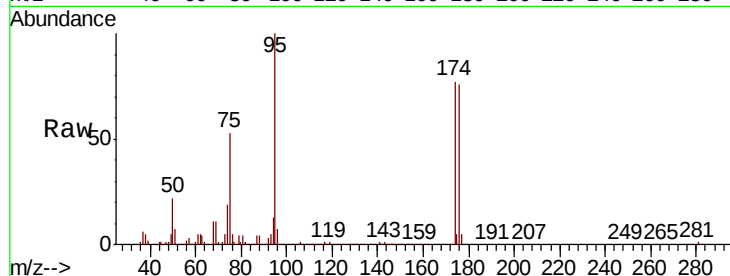
Tot Ion: 95 Resp: 121687

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.0

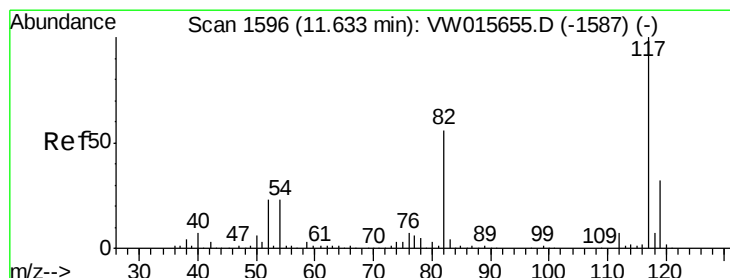
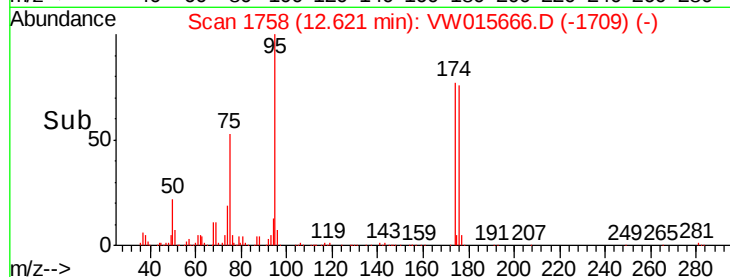
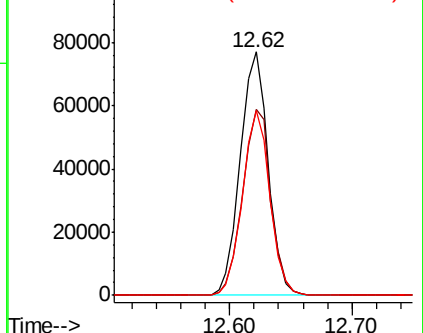
176 74.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

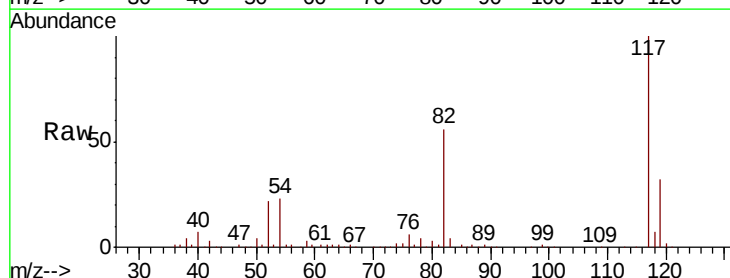
Tgt Ion: 117 Resp: 264160

Ion Ratio Lower Upper

117 100

82 55.6 45.1 67.7

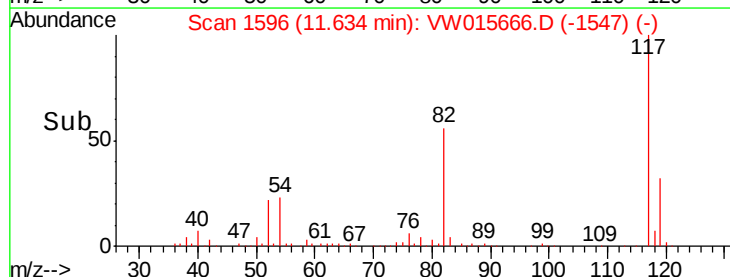
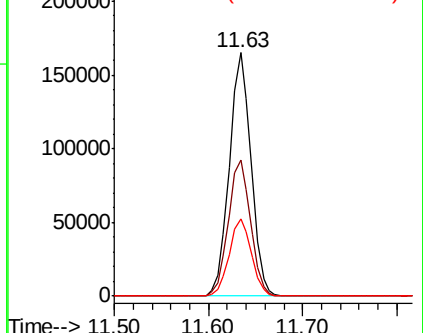
119 31.7 25.8 38.8

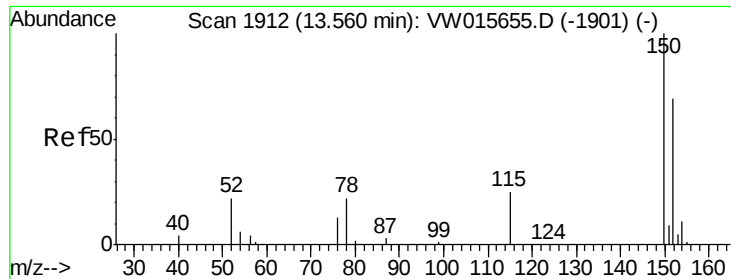


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

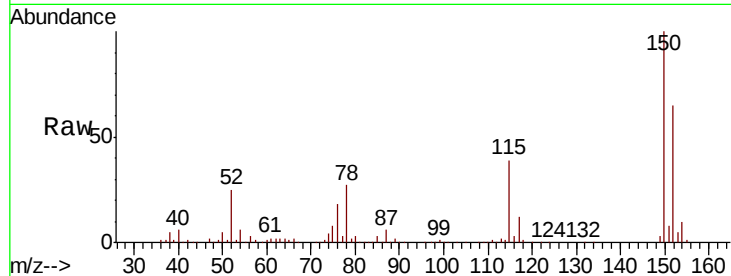
Tot Ion:152 Resp: 119283

Ion Ratio Lower Upper

152 100

115 58.3 30.1 90.5

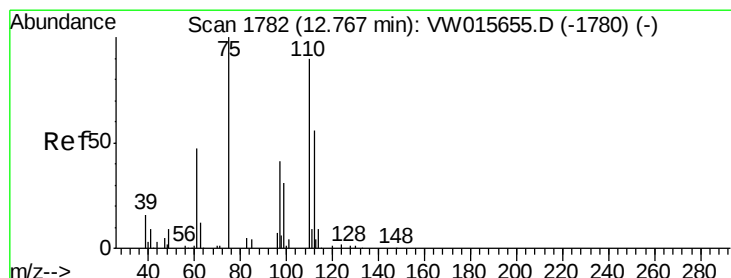
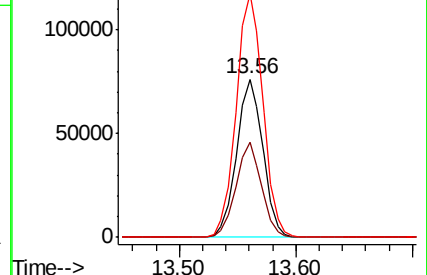
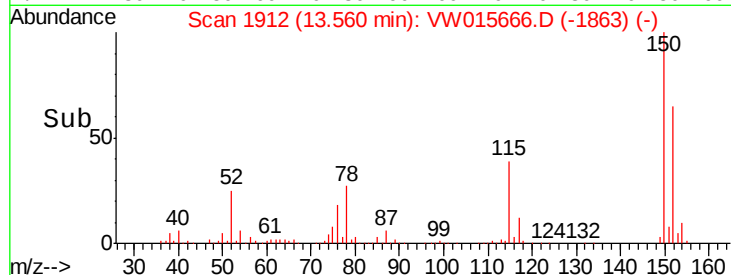
150 156.5 0.0 345.6



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: 60.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015666.D

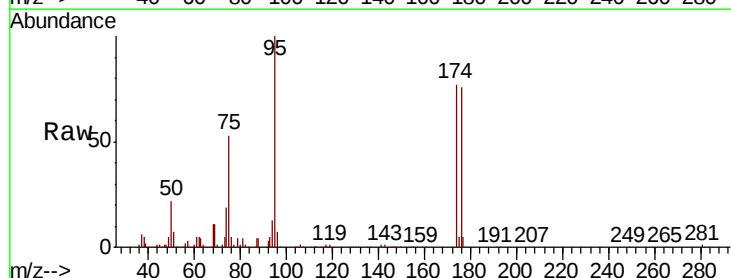
Acq: 23 Jun 2020 17:12

Tgt Ion: 75 Resp: 65645

Ion Ratio Lower Upper

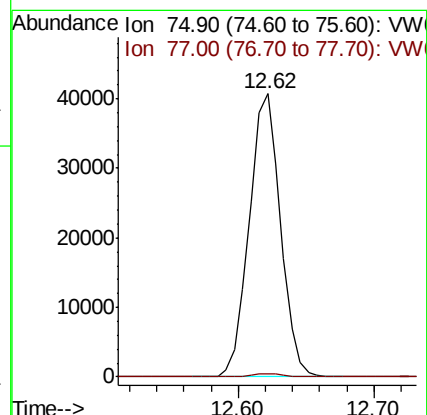
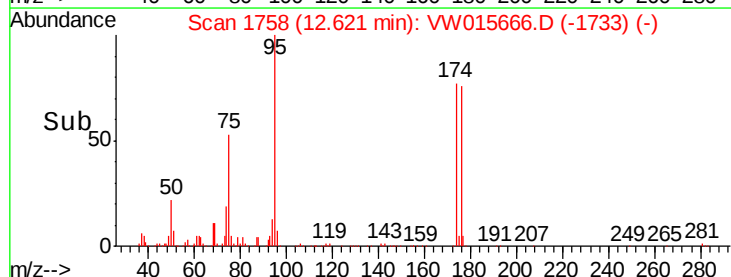
75 100

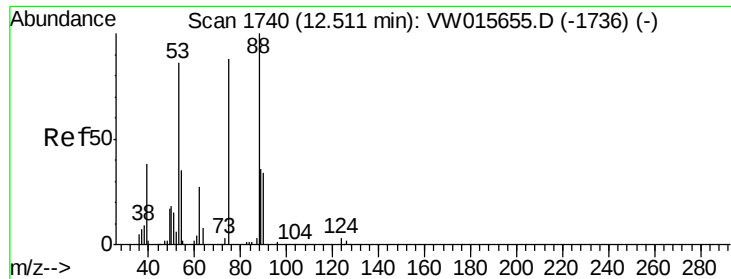
77 1.1 179.1 537.1#



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: 152.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015666.D

Acq: 23 Jun 2020 17:12

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-35.0-37.0

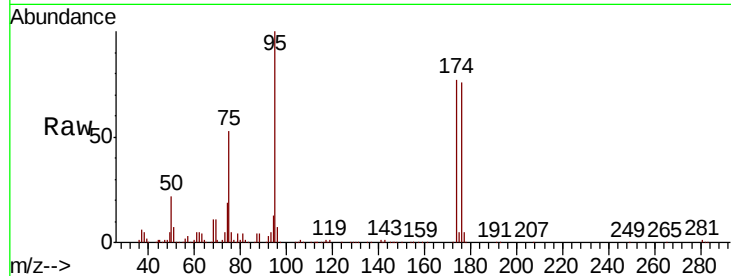
Tot Ion: 75 Resp: 65645

Ion Ratio Lower Upper

75 100

53 0.1 83.8 125.8#

89 0.0 36.6 55.0#



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

