

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015664.D
 Acq On : 23 Jun 2020 16:20
 Operator : SY/VA
 Sample : L3079-05
 Misc : 6.29G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-0-0-2.0

Quant Time: Jun 24 03:06:36 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	164599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	285878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	100153	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
35) Dibromofluoromethane	7.89	113	89352	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	10.33	98	353494	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	116683	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	

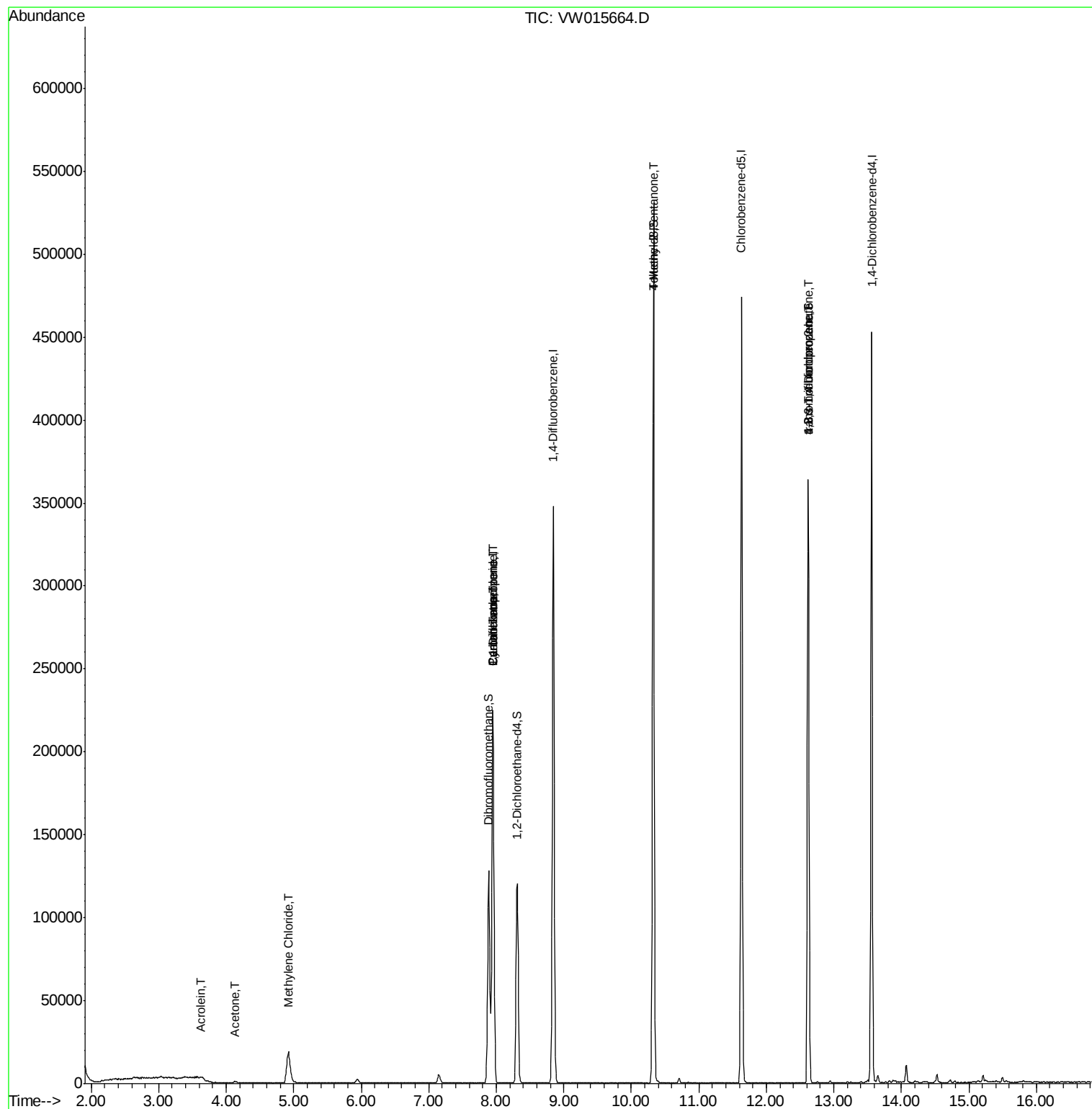
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	46	Below Cal	#	72
13) Acrolein	3.63	56	140	1.100	ug/l	92
16) Acetone	4.13	43	2034	5.842	ug/l	97
18) Methyl Acetate	4.75	43	20	Below Cal	#	52
20) Methylene Chloride	4.92	84	16372	5.607	ug/l	97
31) Cyclohexane	7.95	56	4040	1.281	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	13806	4.643	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16496	5.723	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1728	1.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	63188	62.160	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	63188	156.645	ug/l #	8

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
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: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

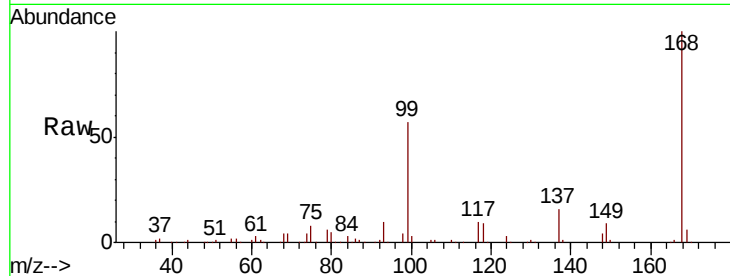
JFK-SB-01-0.0-2.0

Tot Ion:168 Resp: 164599

Ion Ratio Lower Upper

168 100

99 57.2 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

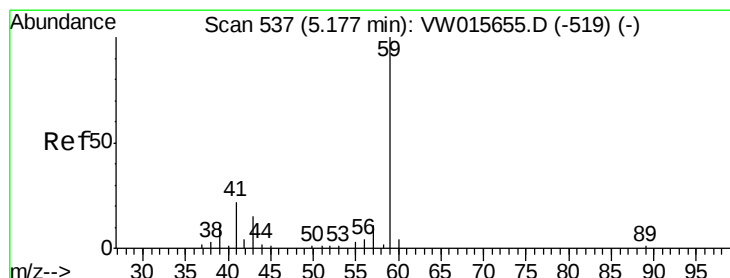
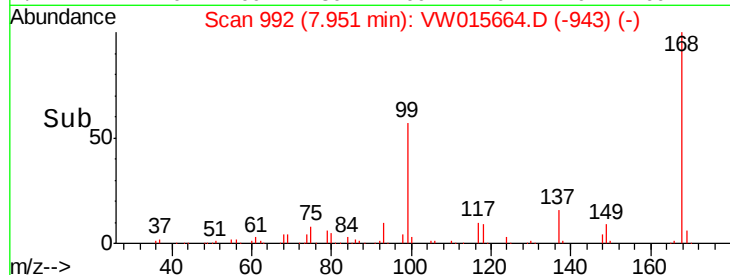
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW015664.D

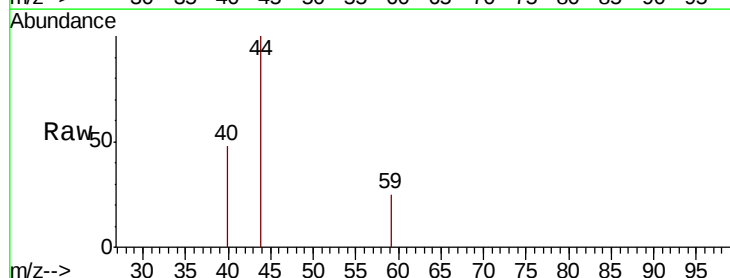
Acq: 23 Jun 2020 16:20

Tgt Ion: 59 Resp: 46

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

5.17

80

60

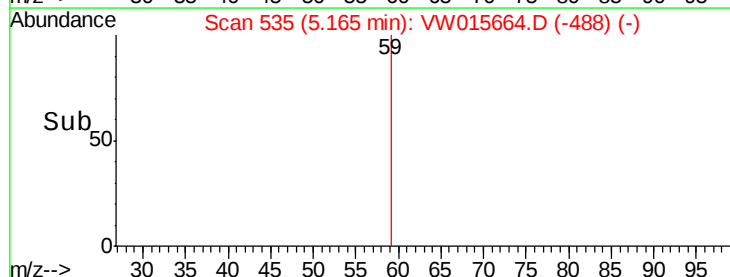
40

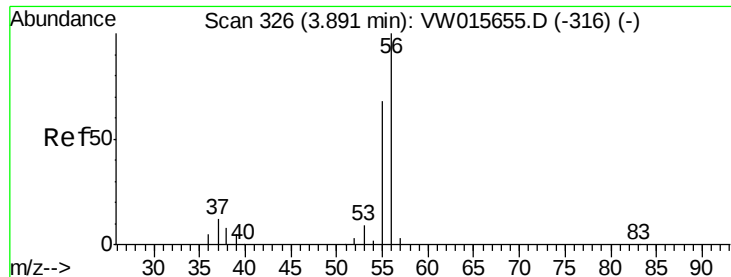
20

0

5.14 5.16 5.18

Time-->





#13

Acrolein

Concen: 1.100 ug/l

RT: 3.63 min Scan# 283

Delta R.T. -0.26 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

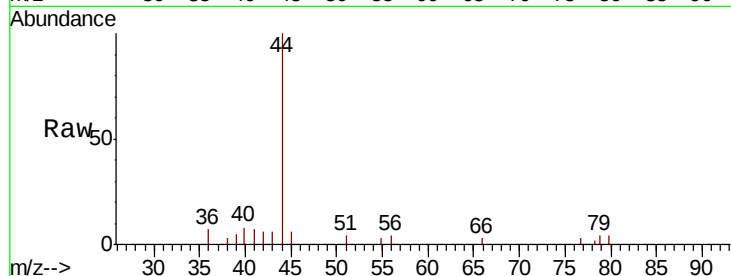
JFK-SB-01-0.0-2.0

Tot Ion: 56 Resp: 140

Ion Ratio Lower Upper

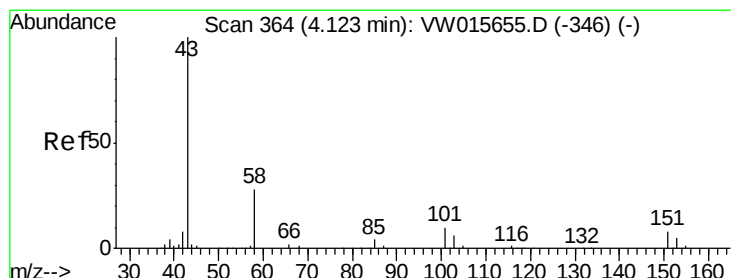
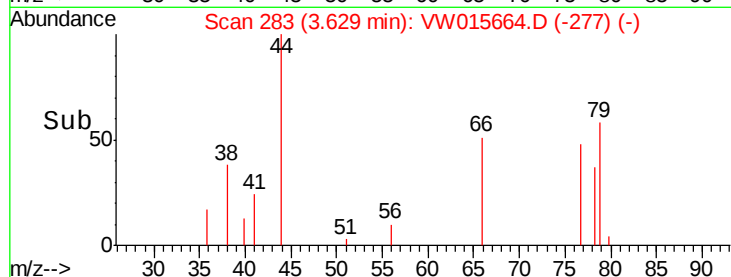
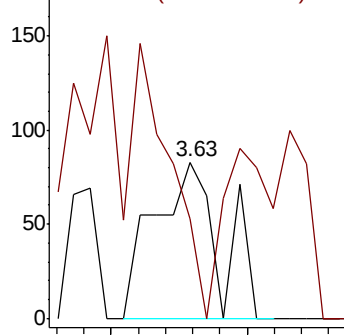
56 100

55 76.4 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 5.842 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015664.D

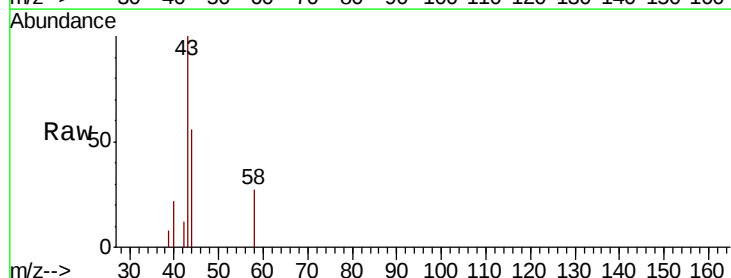
Acq: 23 Jun 2020 16:20

Tgt Ion: 43 Resp: 2034

Ion Ratio Lower Upper

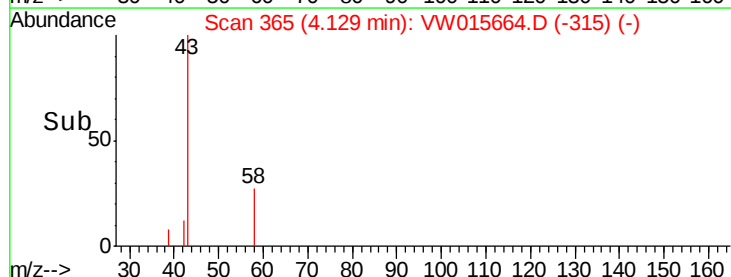
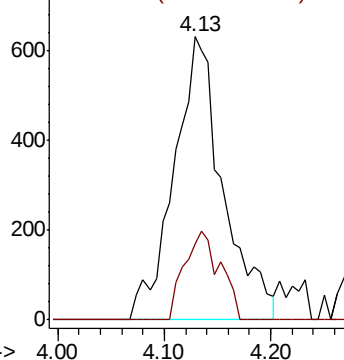
43 100

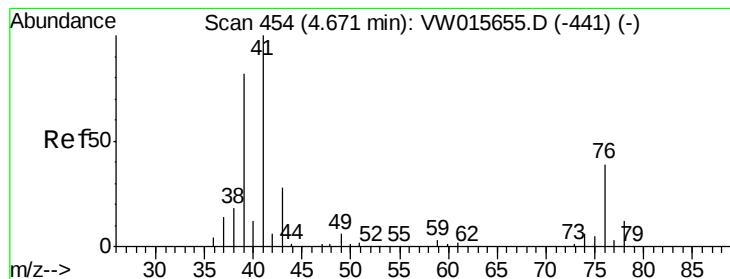
58 26.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: Below Cal

RT: 4.75 min Scan# 467

Delta R.T. 0.08 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

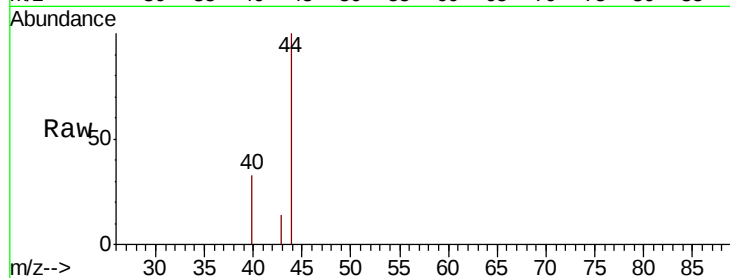
JFK-SB-01-0.0-2.0

Tot Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

60

50

40

30

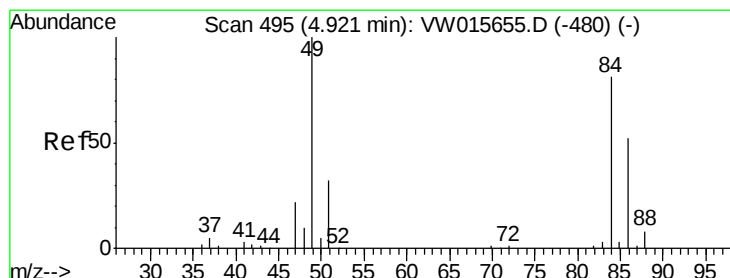
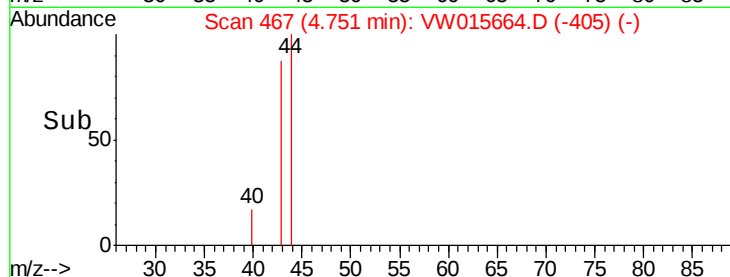
20

10

0

4.73 4.74 4.75 4.76 4.77

Time-->



#20

Methylene Chloride

Concen: 5.607 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Tgt Ion: 84 Resp: 16372

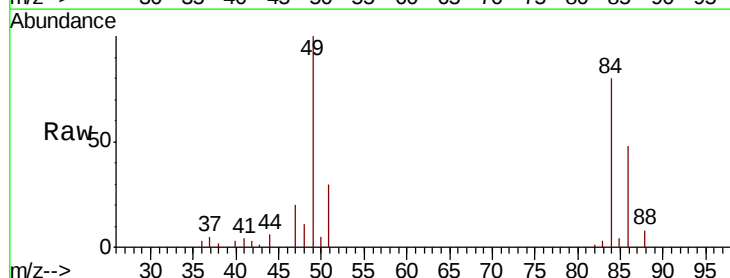
Ion Ratio Lower Upper

84 100

49 124.6 99.3 148.9

51 36.8 31.8 47.6

86 59.7 51.7 77.5



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

8000

6000

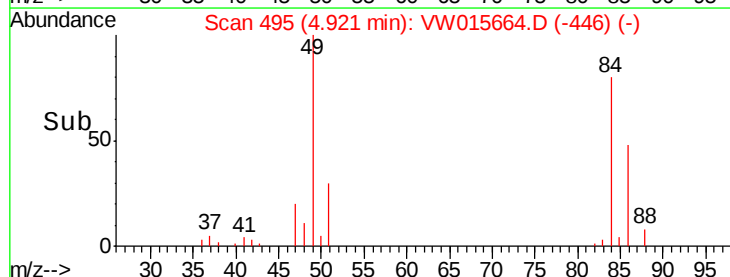
4000

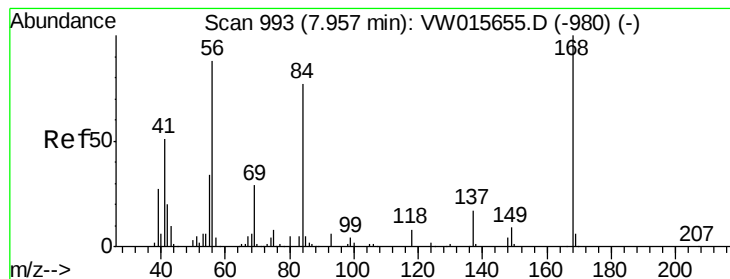
2000

0

4.80 4.90 5.00 5.10

Time-->





#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-0.0-2.0

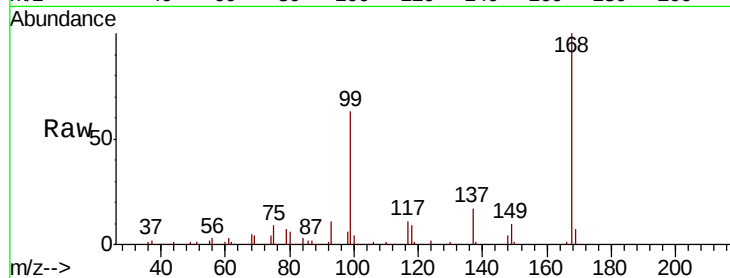
Tot Ion: 56 Resp: 4040

Ion Ratio Lower Upper

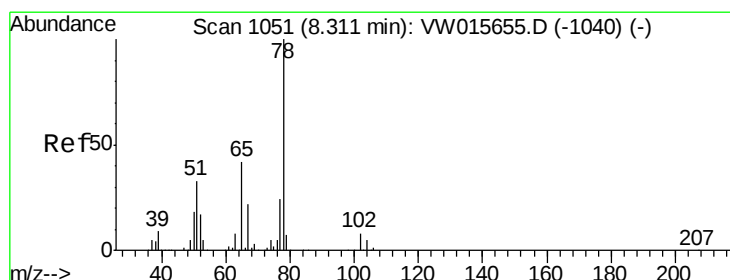
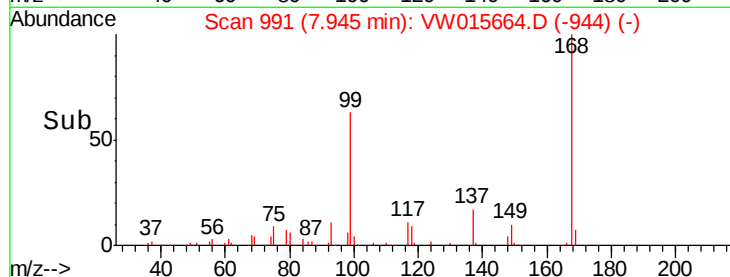
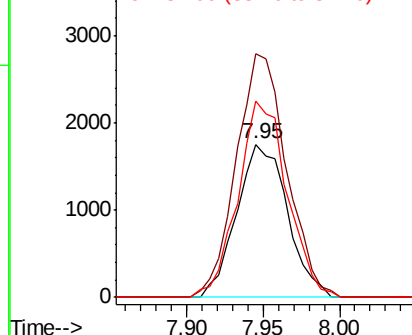
56 100

69 159.4 26.2 39.4#

84 128.7 70.4 105.6#



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: 54.687 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015664.D

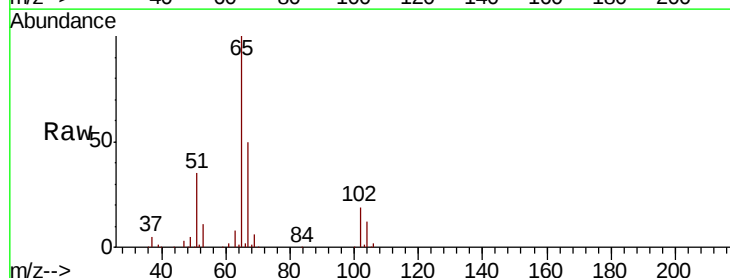
Acq: 23 Jun 2020 16:20

Tgt Ion: 65 Resp: 100153

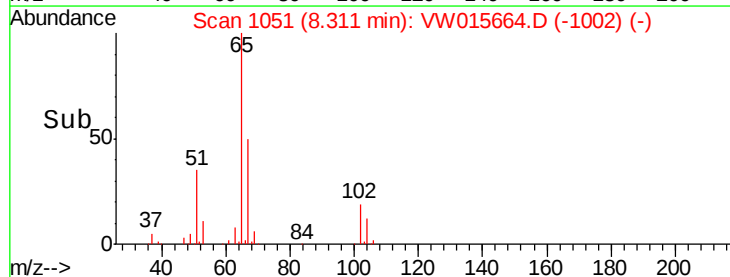
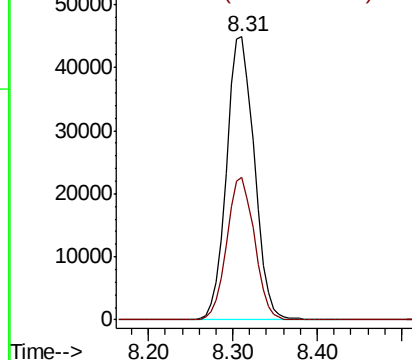
Ion Ratio Lower Upper

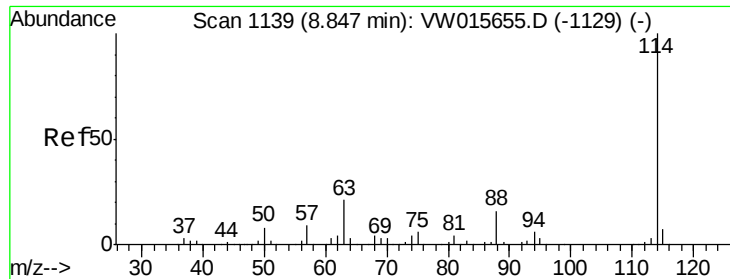
65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

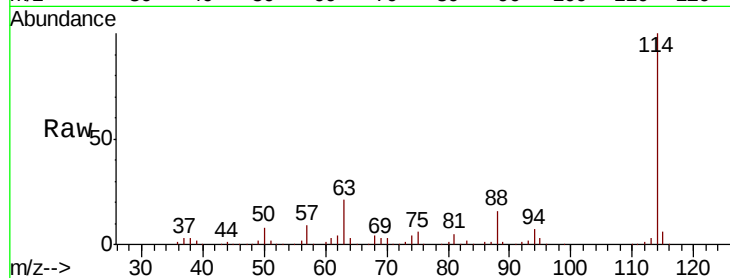




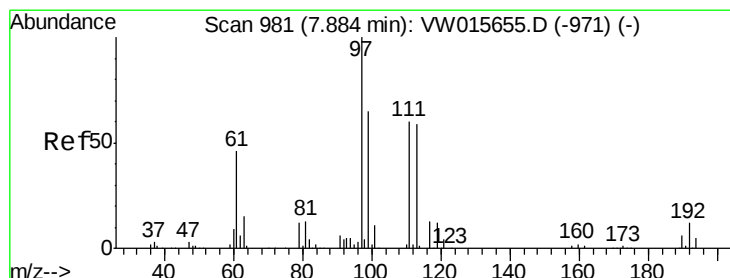
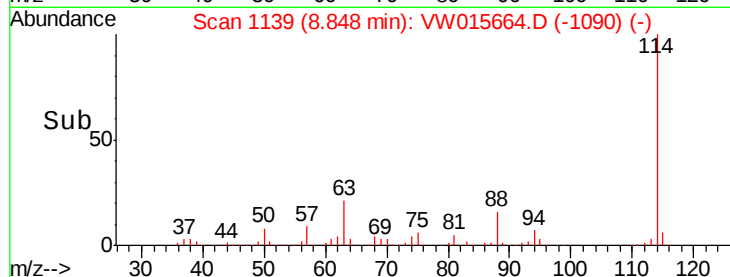
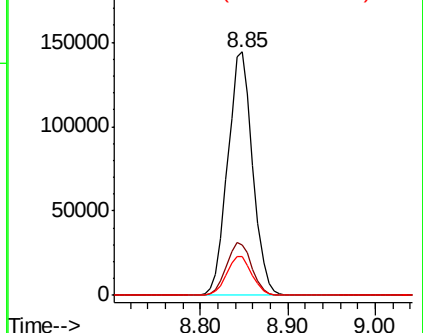
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015664.D
 Acq: 23 Jun 2020 16:20

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-0.0-2.0

Tot Ion:114 Resp: 285878
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 16.0 0.0 32.6

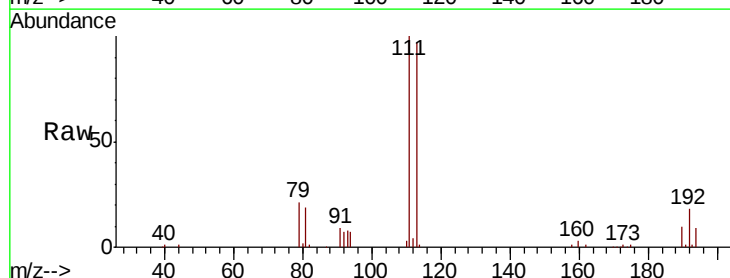


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

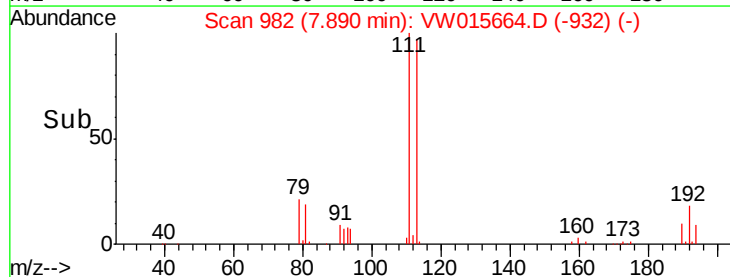
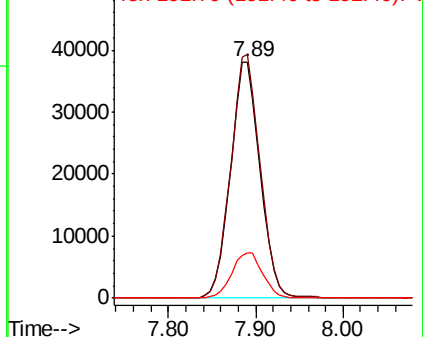


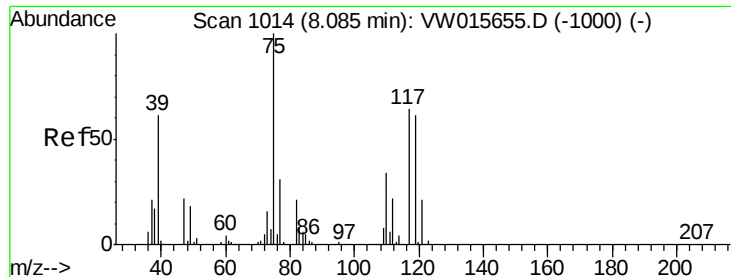
#35
 Dibromofluoromethane
 Concen: 49.688 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015664.D
 Acq: 23 Jun 2020 16:20

Tgt Ion:113 Resp: 89352
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.3 123.5
 192 19.9 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: 4.643 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-0.0-2.0

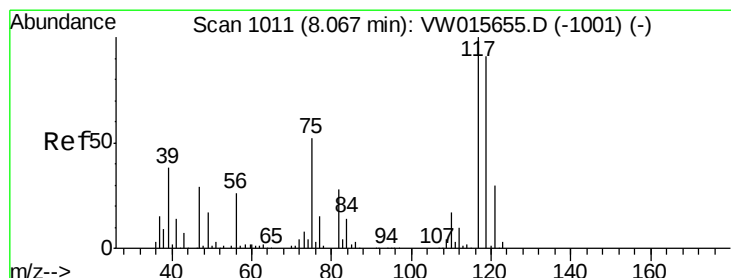
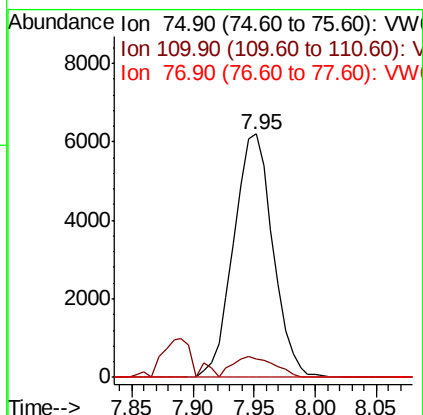
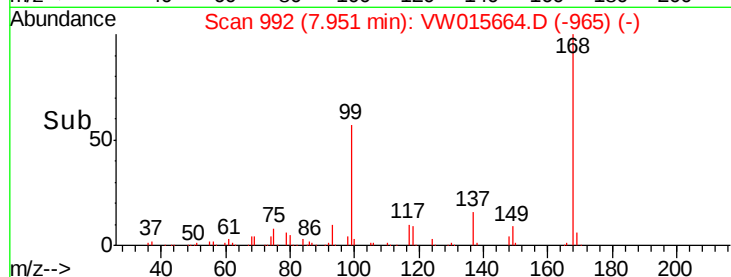
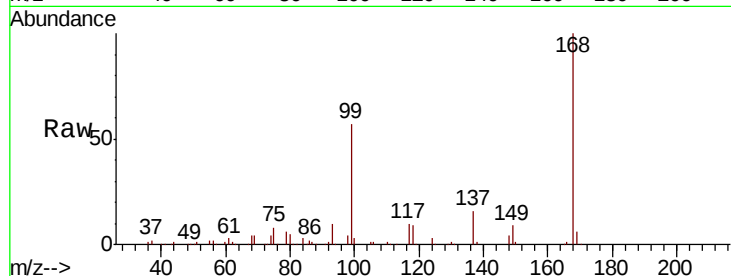
Tot Ion: 75 Resp: 13806

Ion Ratio Lower Upper

75 100

110 9.0 17.0 51.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.723 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

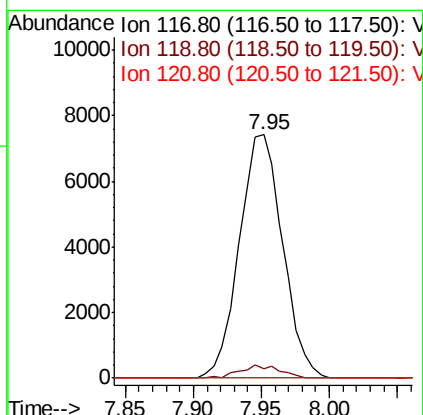
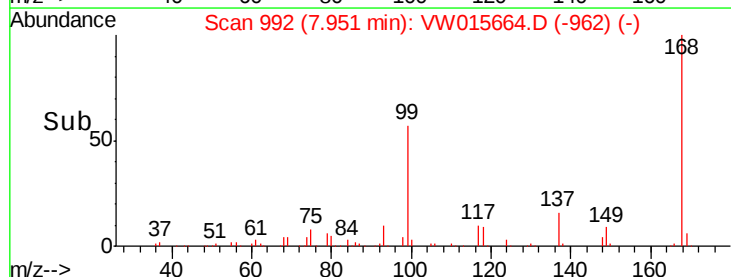
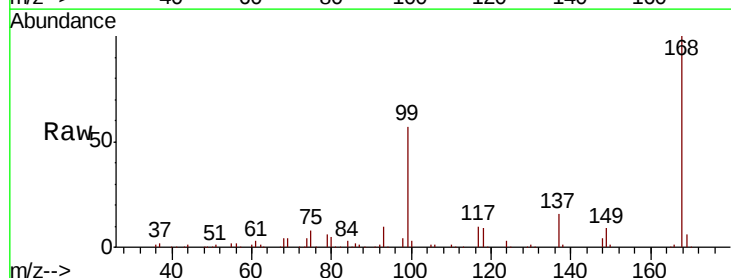
Tgt Ion: 117 Resp: 16496

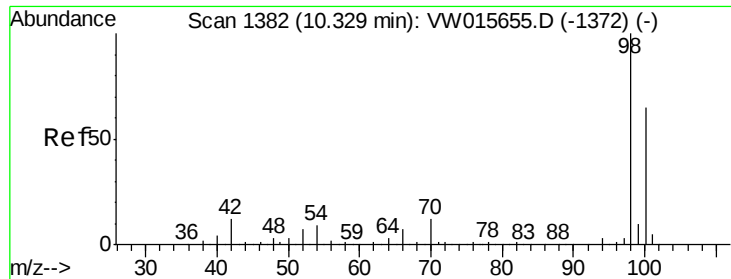
Ion Ratio Lower Upper

117 100

119 3.8 73.2 109.8#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.951 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

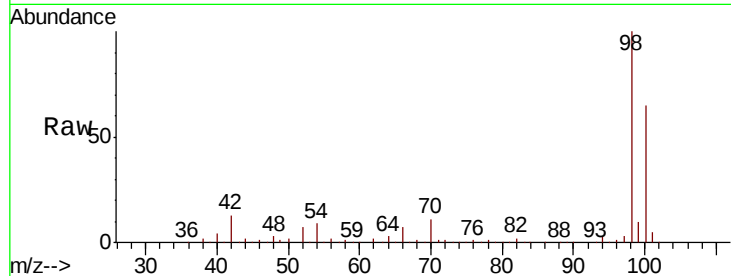
JFK-SB-01-0.0-2.0

Tot Ion: 98 Resp: 353494

Ion Ratio Lower Upper

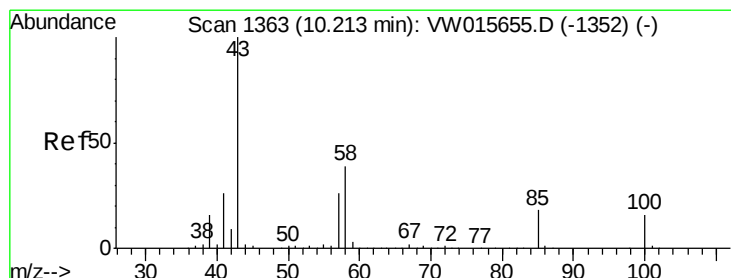
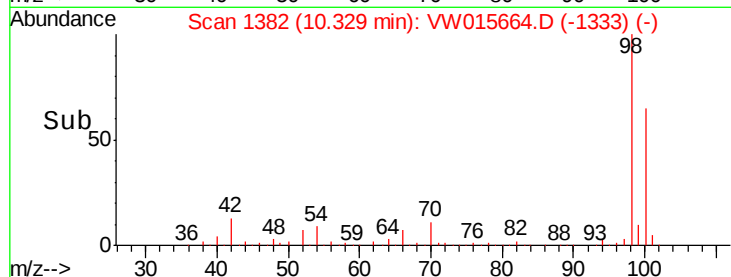
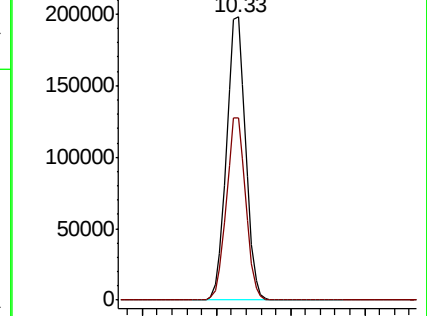
98 100

100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.582 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015664.D

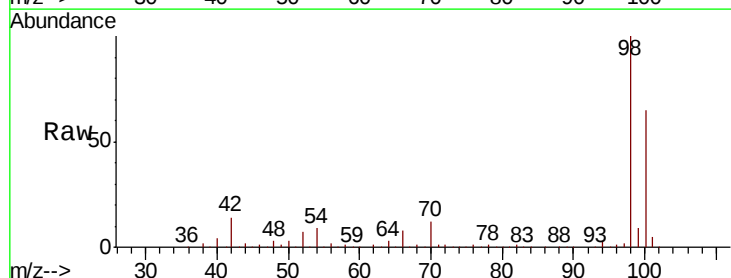
Acq: 23 Jun 2020 16:20

Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

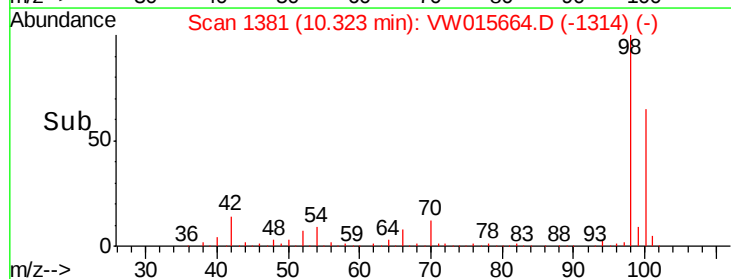
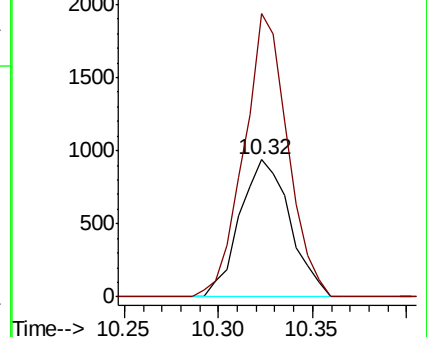
43 100

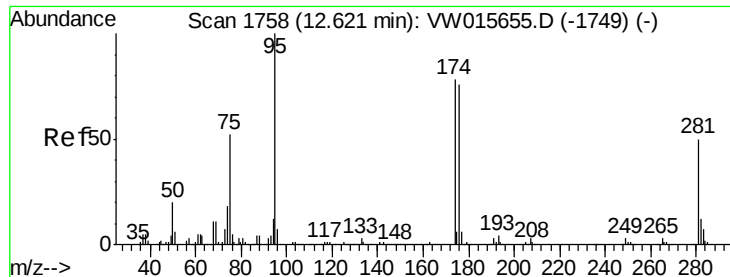
58 181.0 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

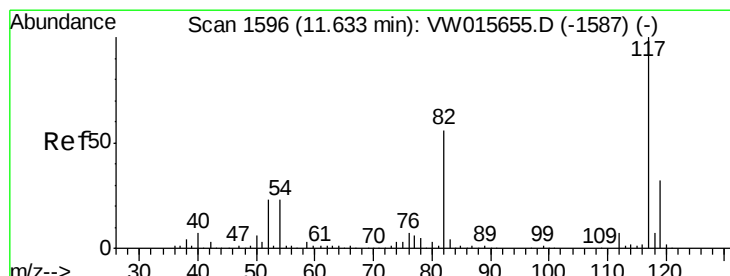
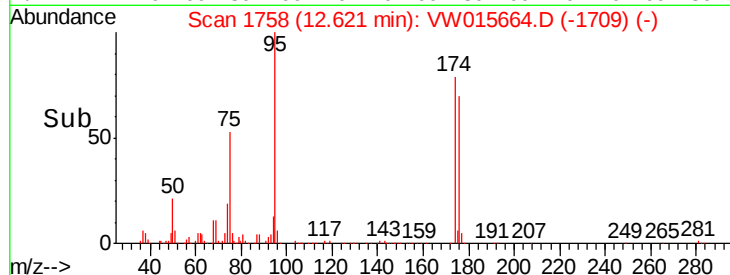
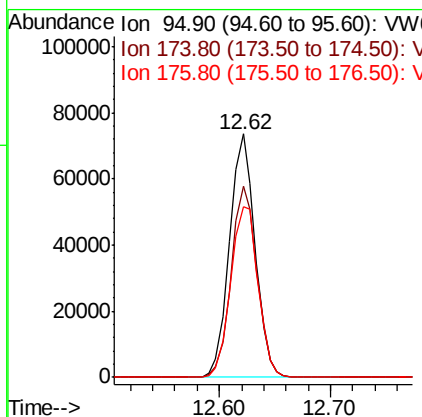
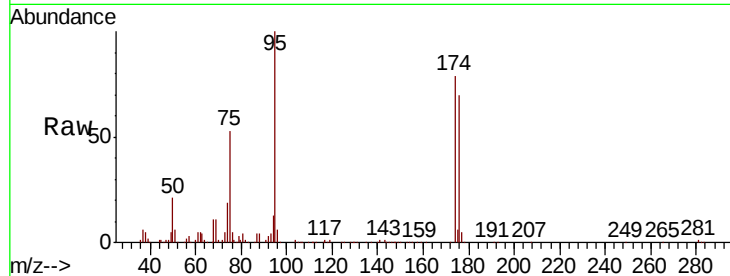




#62
4-Bromofluorobenzene
Concen: 44.771 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015664.D
Acq: 23 Jun 2020 16:20

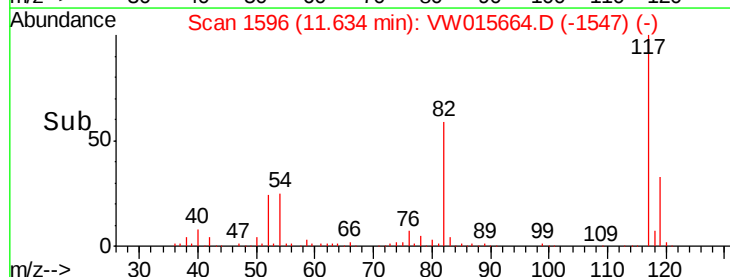
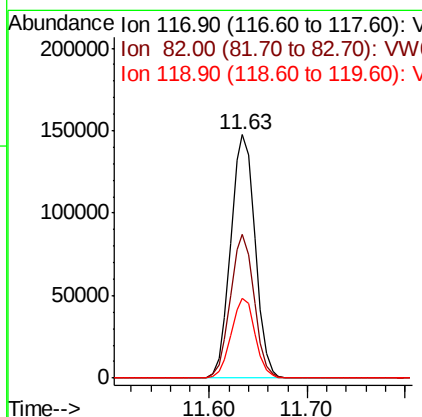
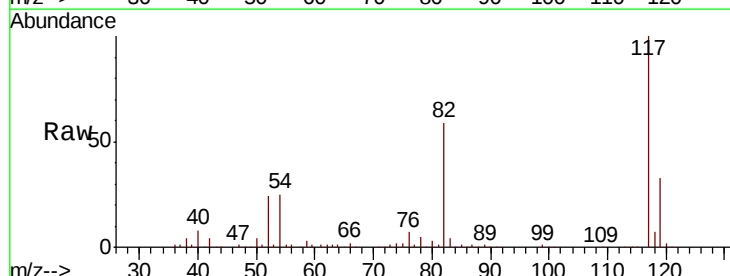
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-01-0.0-2.0

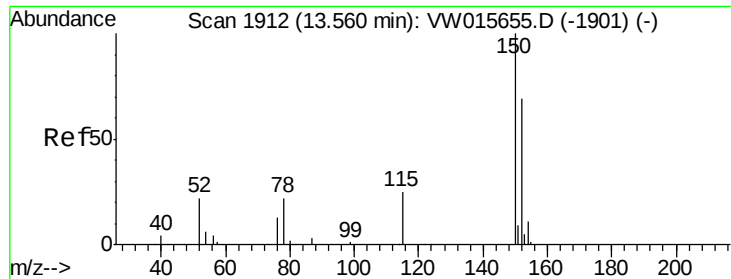
Tot Ion: 95 Resp: 116683
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.0
176 75.5 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015664.D
Acq: 23 Jun 2020 16:20

Tgt Ion: 117 Resp: 255819
Ion Ratio Lower Upper
117 100
82 59.3 45.1 67.7
119 33.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-0.0-2.0

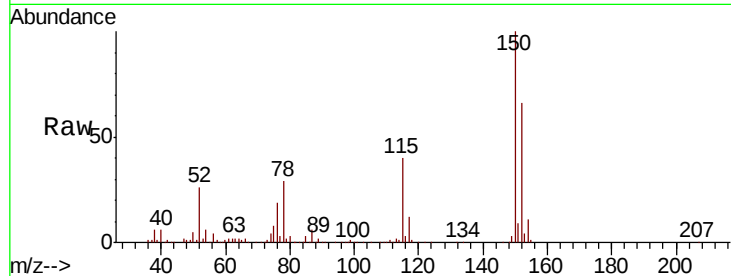
Tot Ion:152 Resp: 111444

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.5

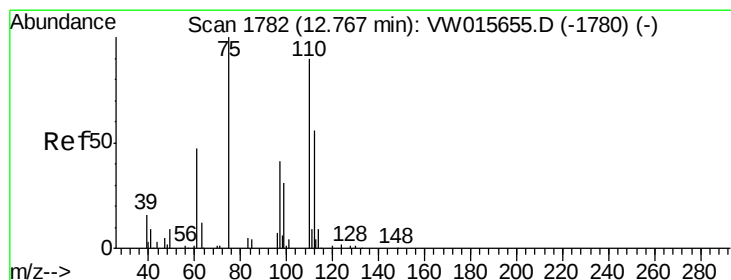
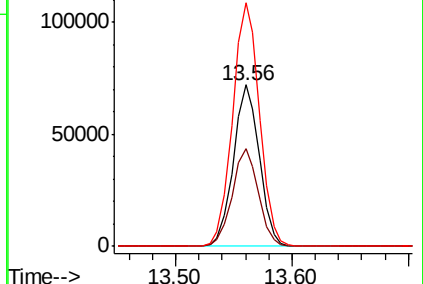
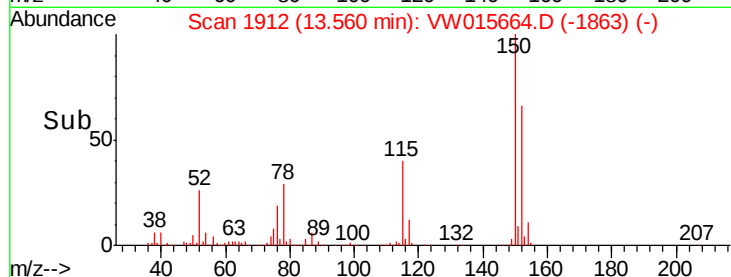
150 156.1 0.0 345.6



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: 62.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015664.D

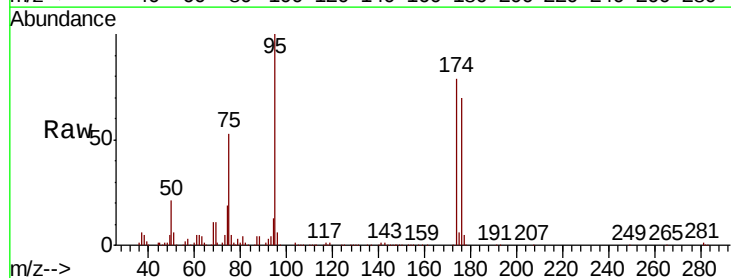
Acq: 23 Jun 2020 16:20

Tgt Ion: 75 Resp: 63188

Ion Ratio Lower Upper

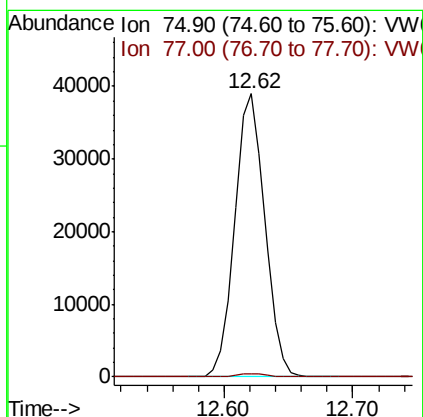
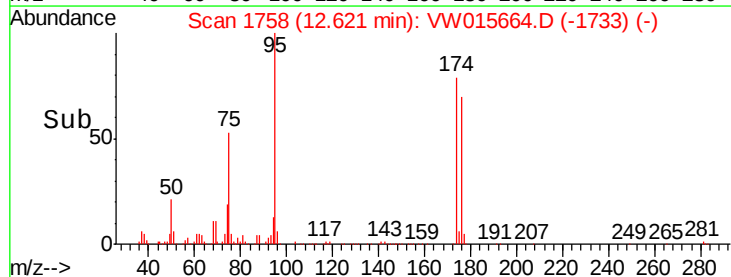
75 100

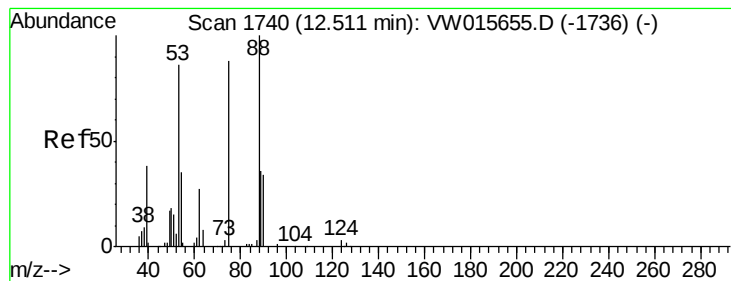
77 1.1 179.1 537.1#



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: 156.645 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015664.D

Acq: 23 Jun 2020 16:20

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-0.0-2.0

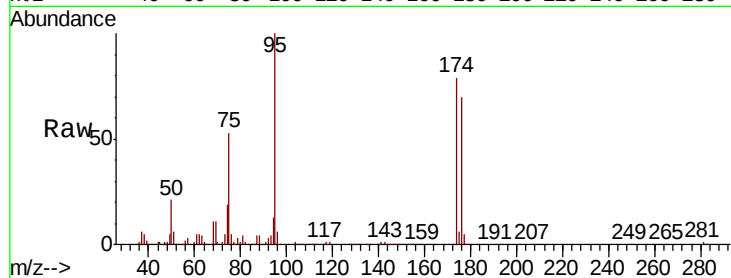
Tot Ion: 75 Resp: 63188

Ion Ratio Lower Upper

75 100

53 0.0 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

