

Data File : VW015709.D
Acq On : 25 Jun 2020 03:41
Operator : SY/VA
Sample : L3079-09RE
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Jun 25 05:31:27 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	179696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	113839	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	97939	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.32	98	401806	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.62	95	131849	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

Target Compounds

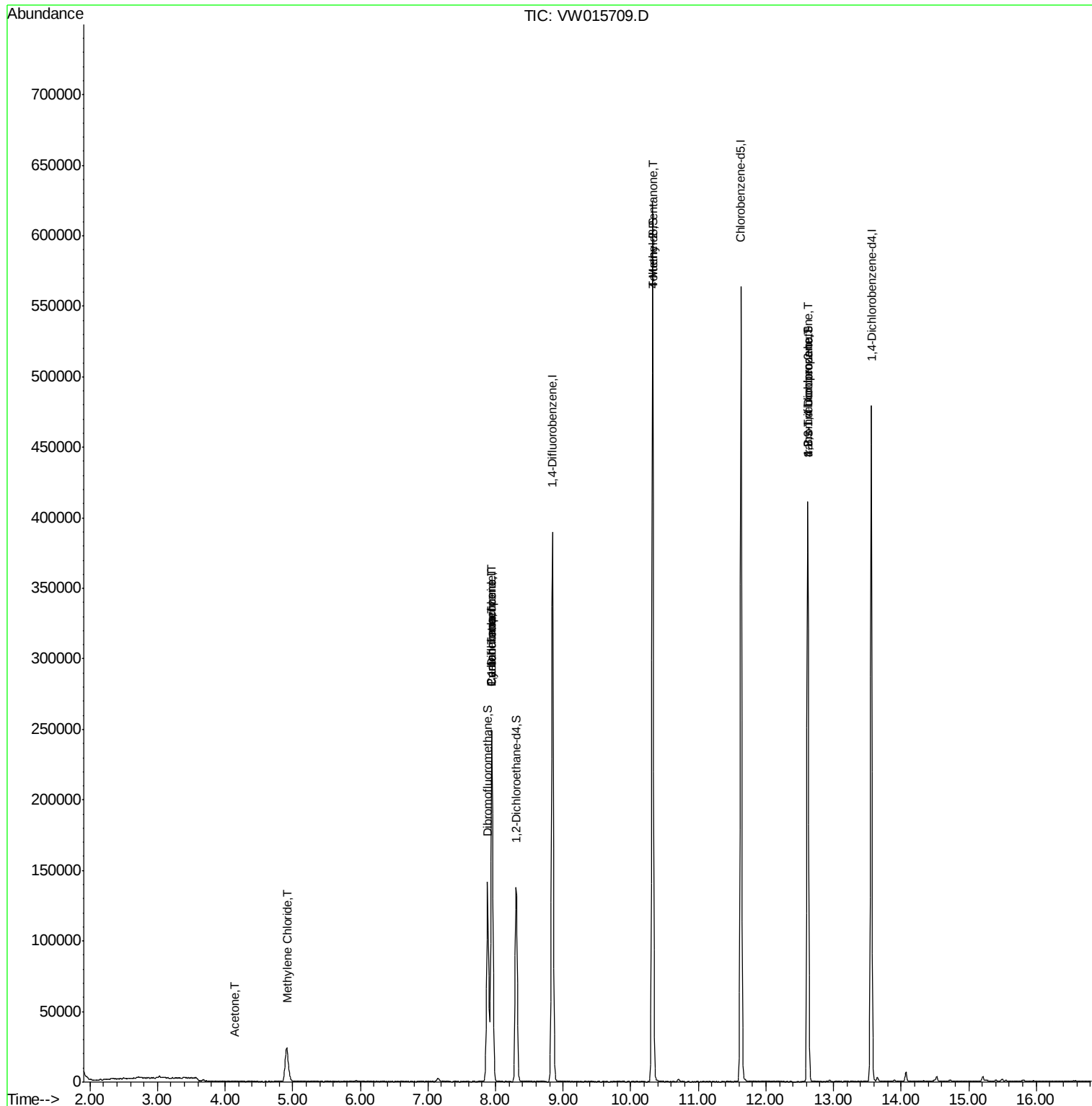
					Qvalue	
11) Tert butyl alcohol	5.24	59	42	Below Cal	#	72
16) Acetone	4.13	43	638	1.679	ug/l #	47
18) Methyl Acetate	4.66	43	40	Below Cal	#	52
20) Methylene Chloride	4.92	84	19597	6.631	ug/l	94
31) Cyclohexane	7.95	56	4568	1.326	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	14854	4.454	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18364	5.681	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	2008	1.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	71927	63.408	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	71927	159.789	ug/l #	8

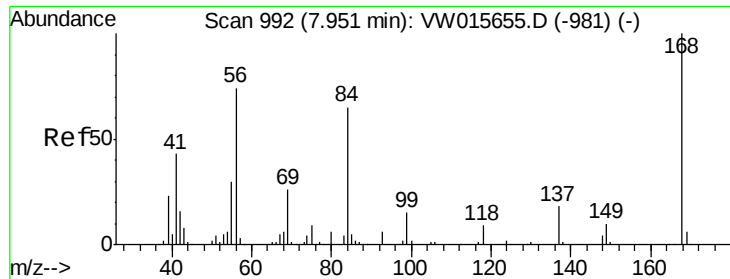
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015709.D

Acq: 25 Jun 2020 03:41

Instrument :

MSVOA_W

ClientSampleId :

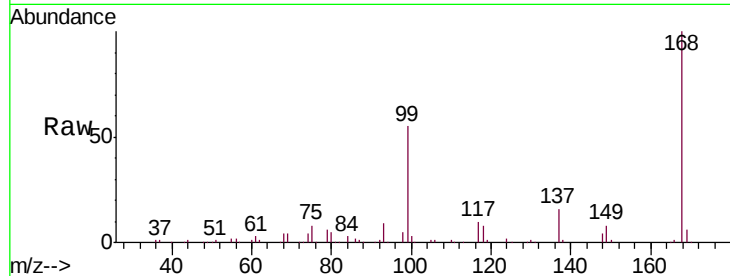
JFK-SB-01-0.0-2.0-D

Tgt Ion:168 Resp: 179696

Ion Ratio Lower Upper

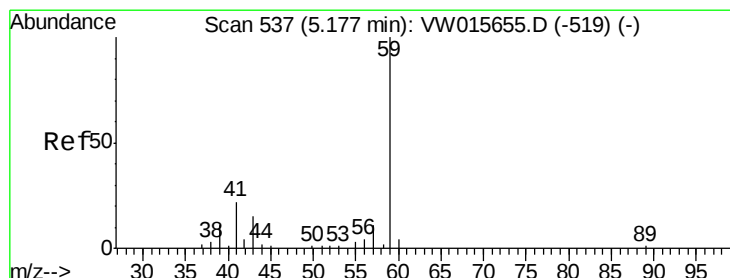
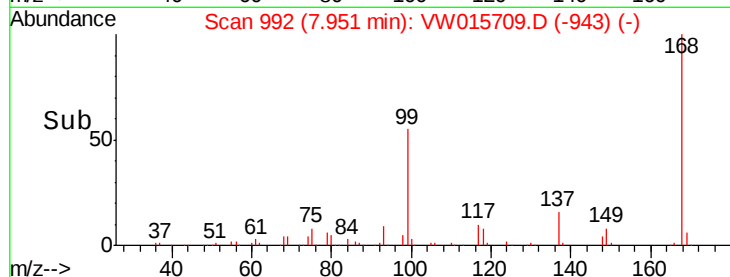
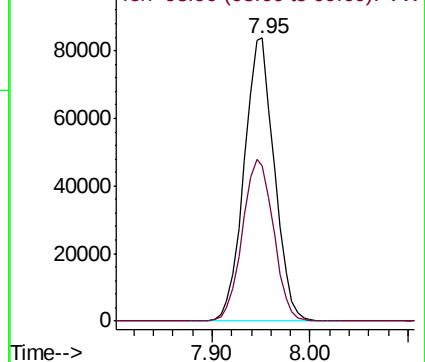
168 100

99 55.1 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: 5.24 min Scan# 547

Delta R.T. 0.06 min

Lab File: VW015709.D

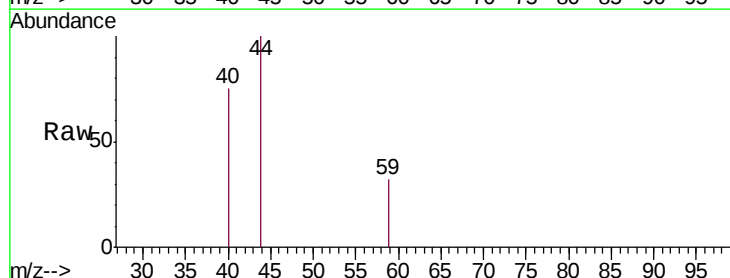
Acq: 25 Jun 2020 03:41

Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

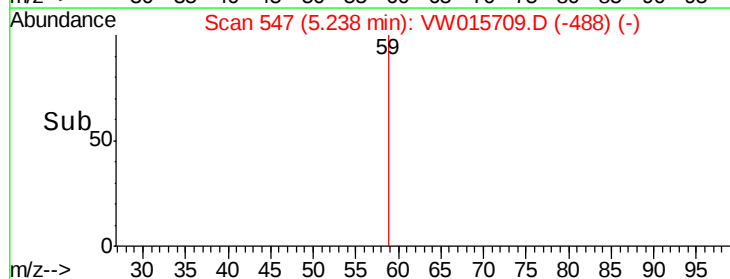
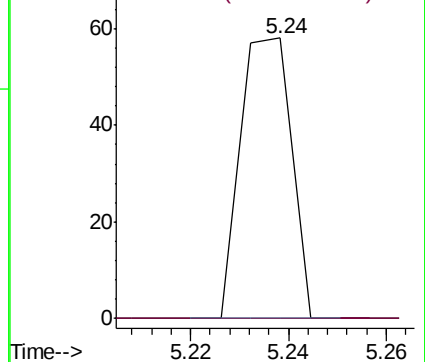
59 100

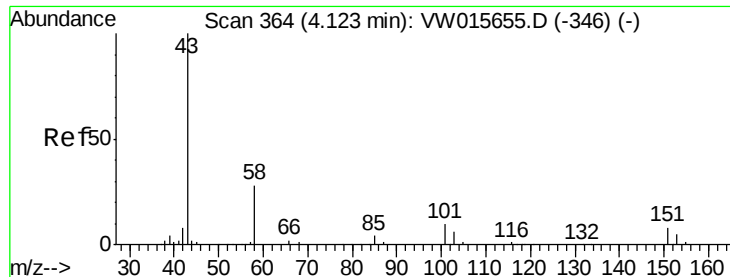
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 1.679 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015709.D

Acq: 25 Jun 2020 03:41

Instrument :

MSVOA_W

ClientSampleId :

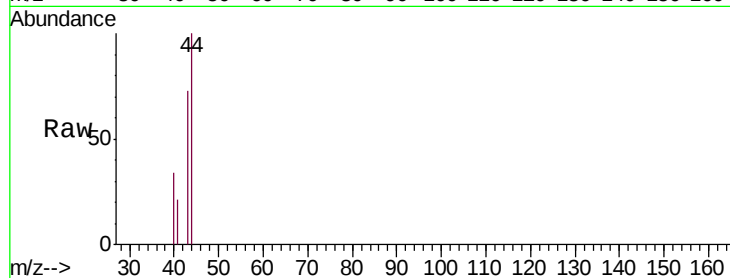
JFK-SB-01-0.0-2.0-D

Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

250

200

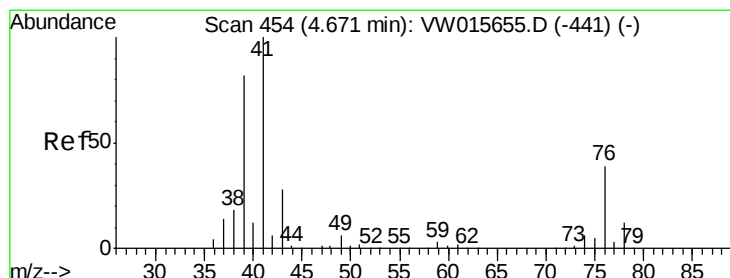
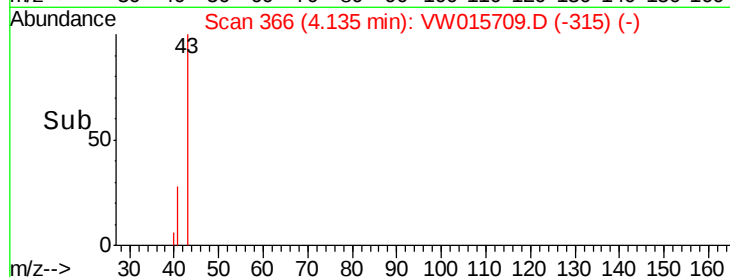
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW015709.D

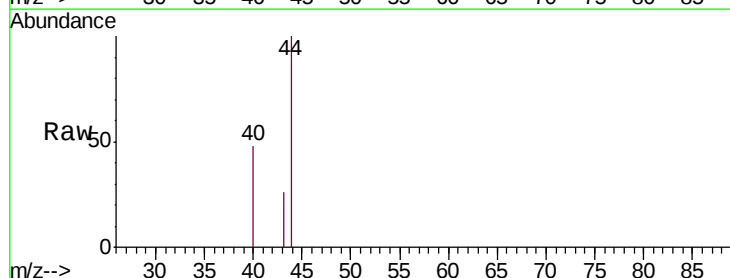
Acq: 25 Jun 2020 03:41

Tgt Ion: 43 Resp: 40

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

4.66

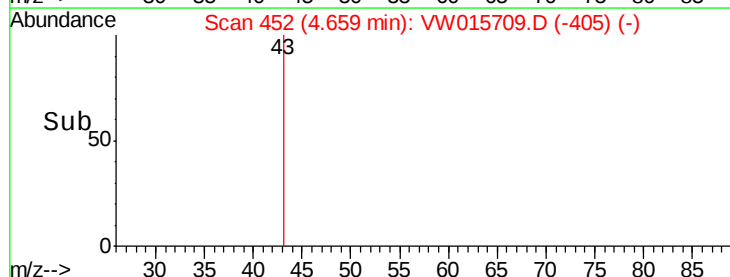
60

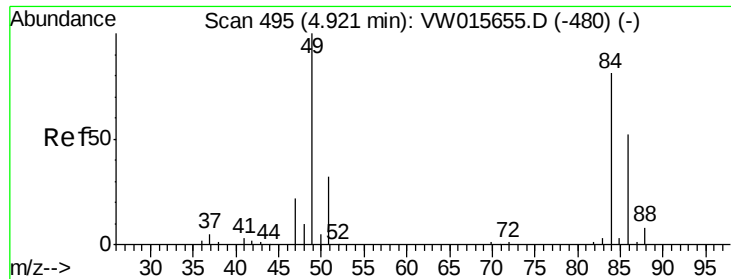
40

20

0

Time-->

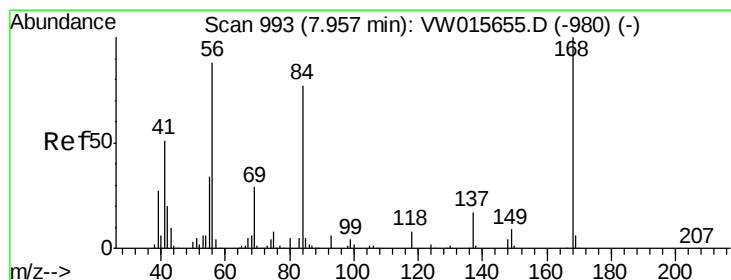
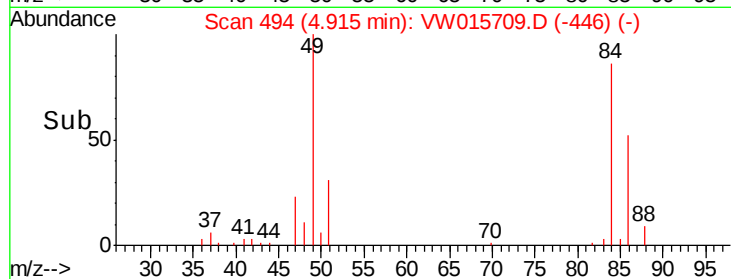
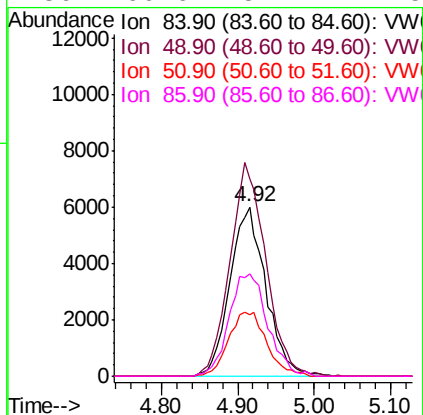
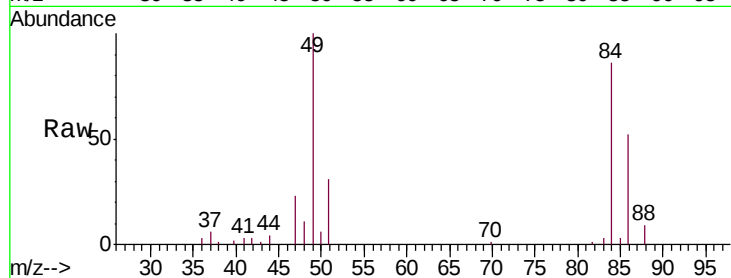




#20
Methylene Chloride
Concen: 6.631 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015709.D
Acq: 25 Jun 2020 03:41

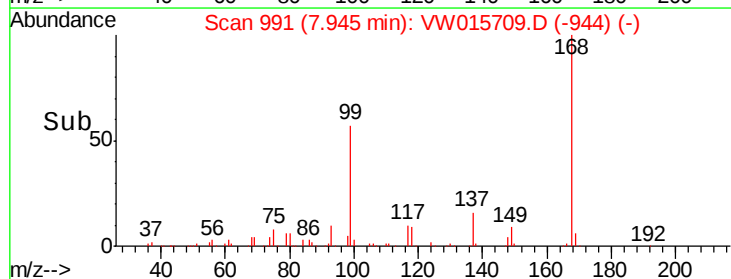
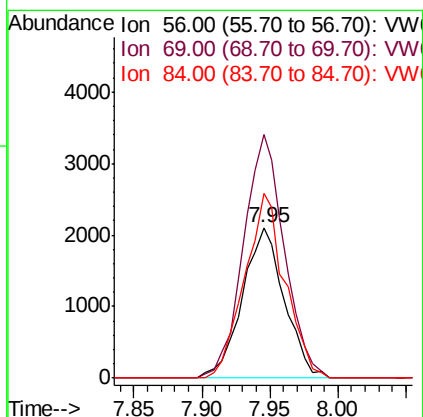
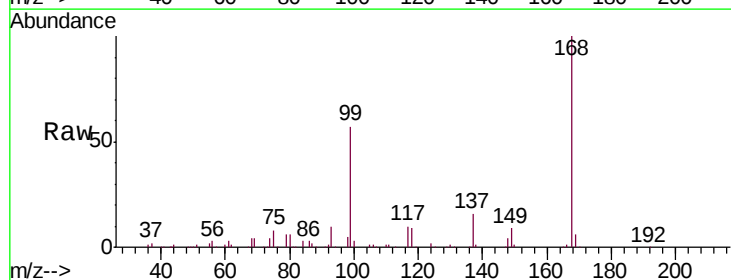
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-01-0.0-2.0-D

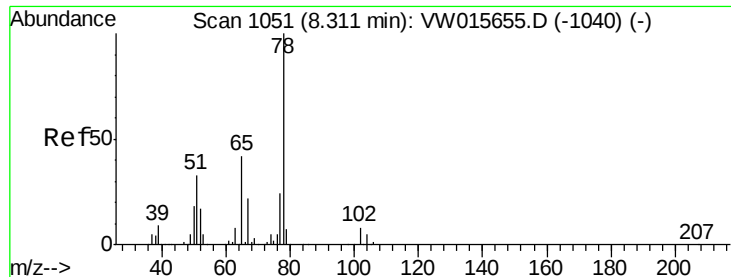
Tgt Ion:	84	Resp:	19597
Ion	Ratio	Lower	Upper
84	100		
49	116.5	99.3	148.9
51	36.7	31.8	47.6
86	60.6	51.7	77.5



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015709.D
Acq: 25 Jun 2020 03:41

Tgt Ion:	56	Resp:	4568
Ion	Ratio	Lower	Upper
56	100		
69	162.1	26.2	39.4#
84	122.8	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 56.938 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015709.D

Acq: 25 Jun 2020 03:41

Instrument :

MSVOA_W

ClientSampleId :

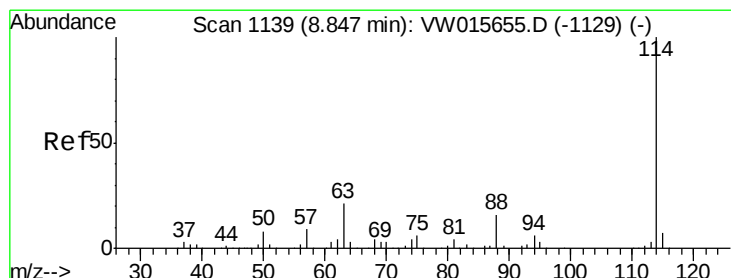
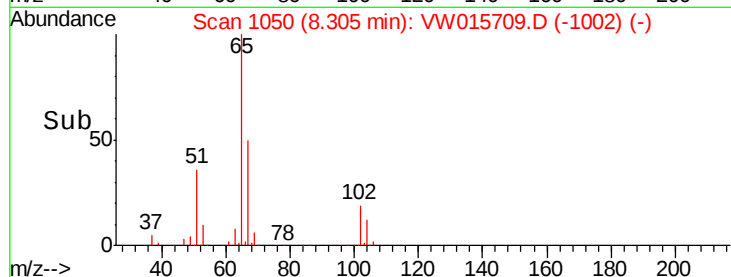
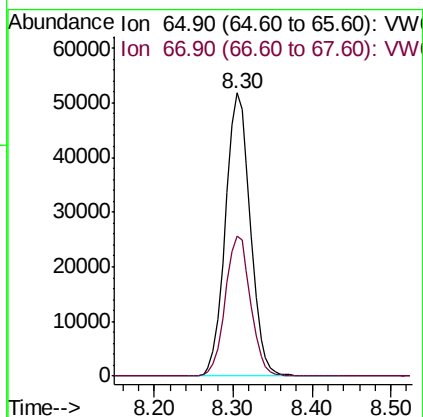
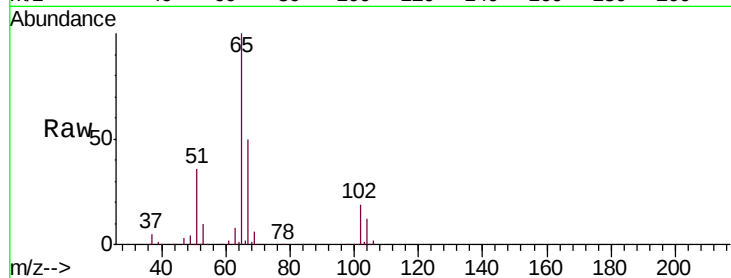
JFK-SB-01-0.0-2.0-D

Tgt Ion: 65 Resp: 113839

Ion Ratio Lower Upper

65 100

67 50.2 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: VW015709.D

Acq: 25 Jun 2020 03:41

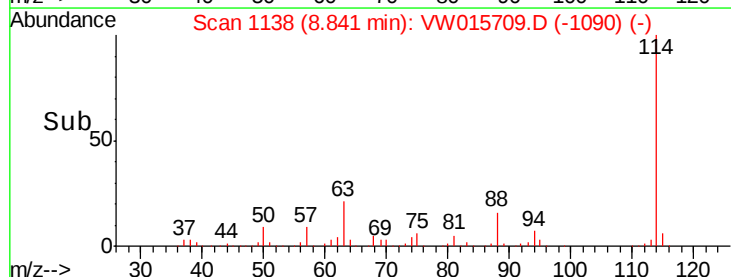
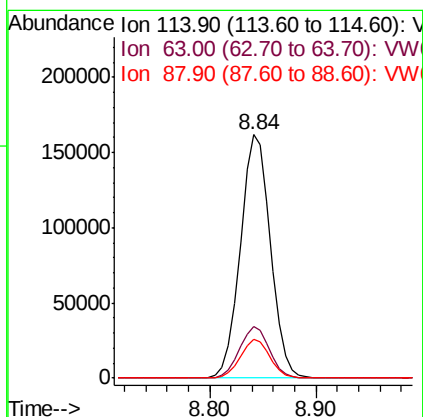
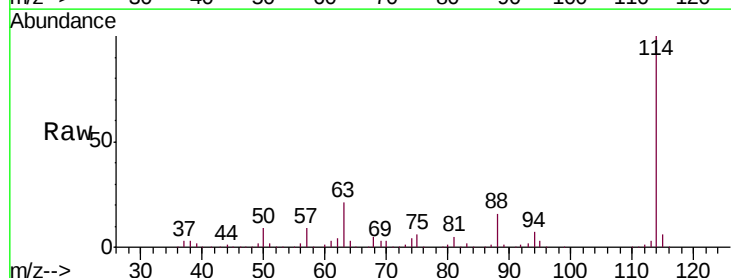
Tgt Ion: 114 Resp: 320625

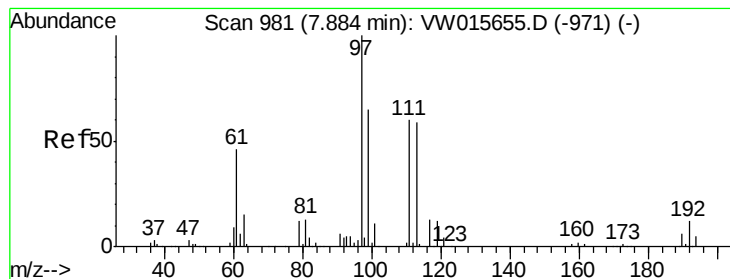
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.561 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015709.D

Acq: 25 Jun 2020 03:41

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-0.0-2.0-D

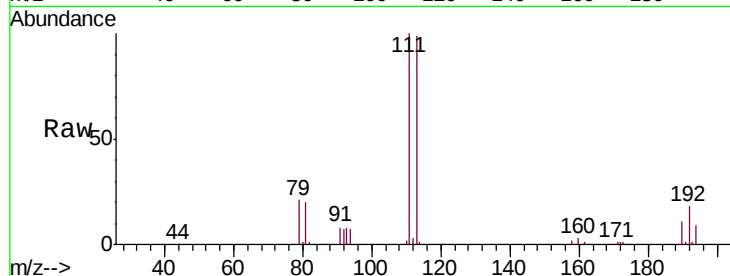
Tgt Ion:113 Resp: 97939

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

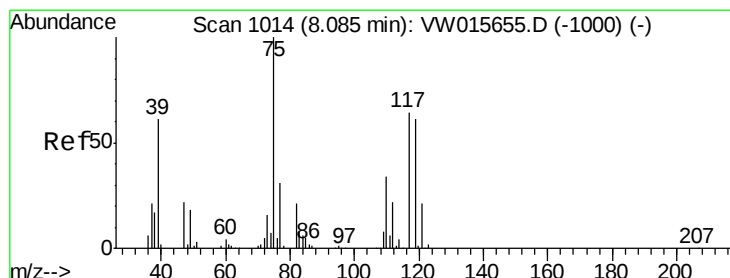
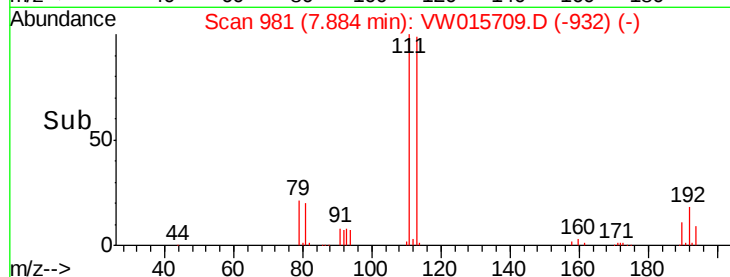
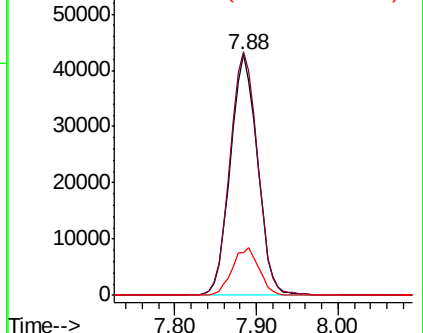
192 19.7 16.4 24.6



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: 4.454 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015709.D

Acq: 25 Jun 2020 03:41

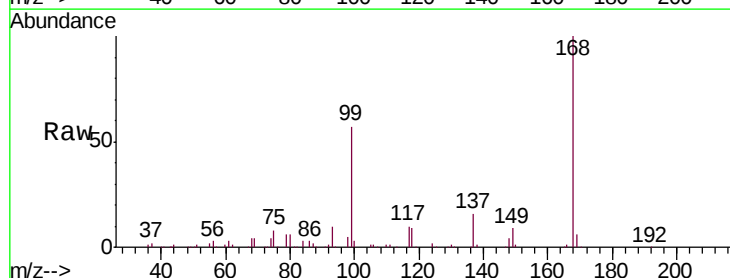
Tgt Ion: 75 Resp: 14854

Ion Ratio Lower Upper

75 100

110 8.3 17.0 51.0#

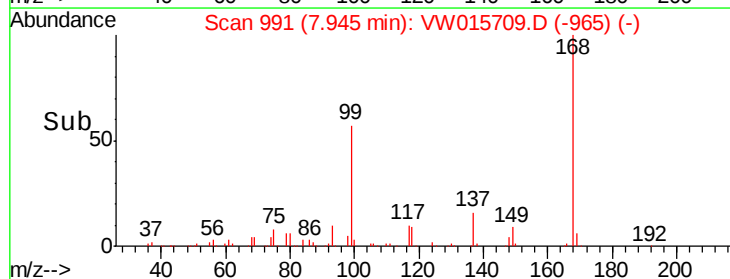
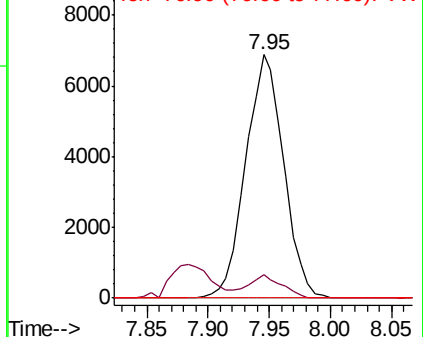
77 0.0 24.6 36.8#

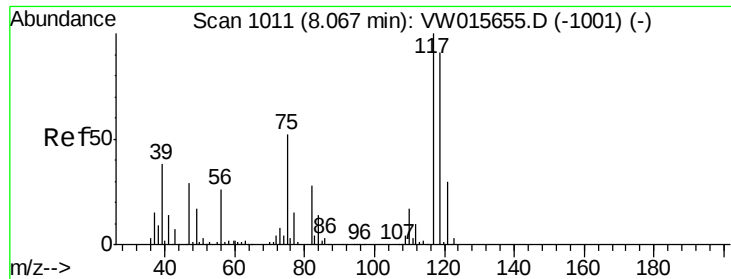


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.681 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW015709.D

Acq: 25 Jun 2020 03:41

Instrument :

MSVOA_W

ClientSampleId :

JFK-SB-01-0.0-2.0-D

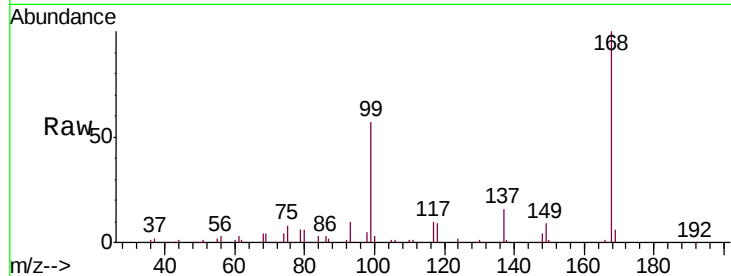
Tgt Ion:117 Resp: 18364

Ion Ratio Lower Upper

117 100

119 4.3 73.2 109.8#

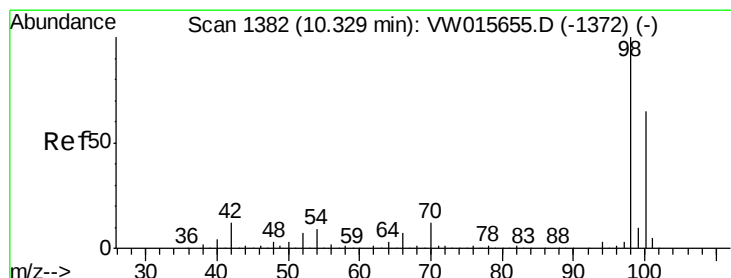
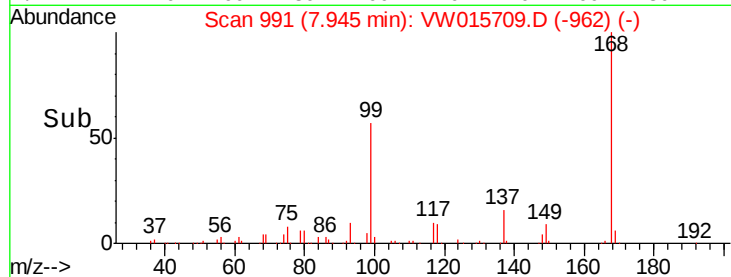
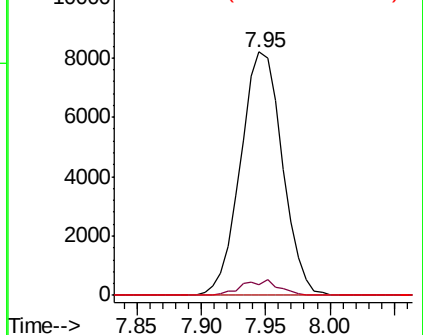
121 0.0 23.9 35.9#



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: 50.624 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015709.D

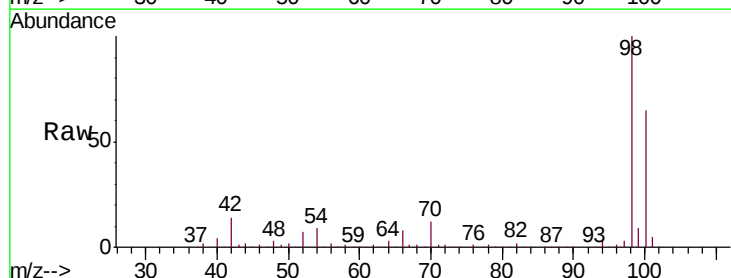
Acq: 25 Jun 2020 03:41

Tgt Ion: 98 Resp: 401806

Ion Ratio Lower Upper

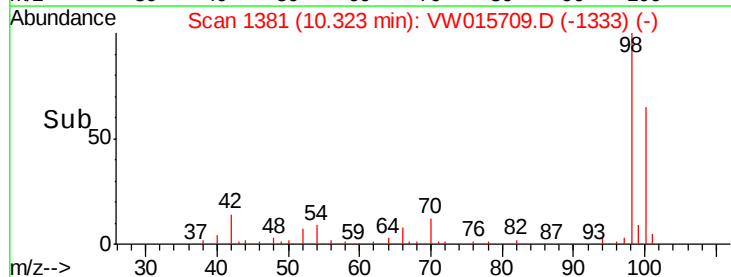
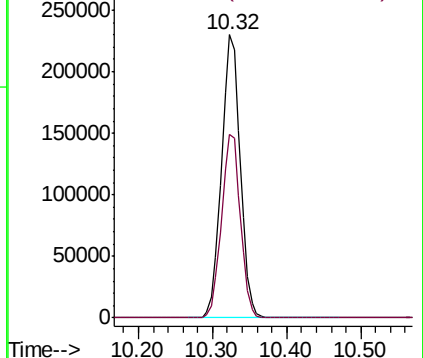
98 100

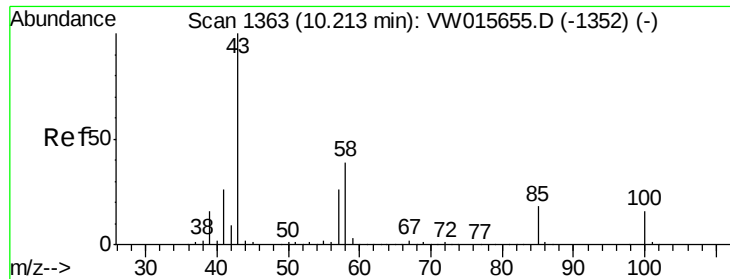
100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

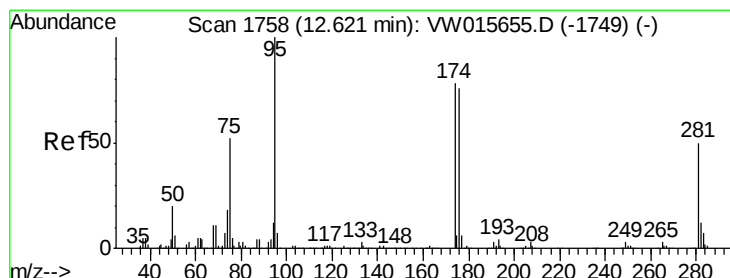
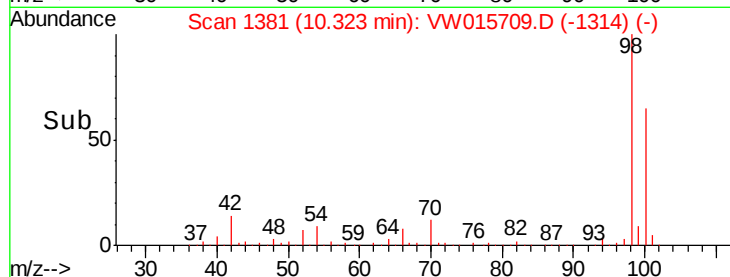
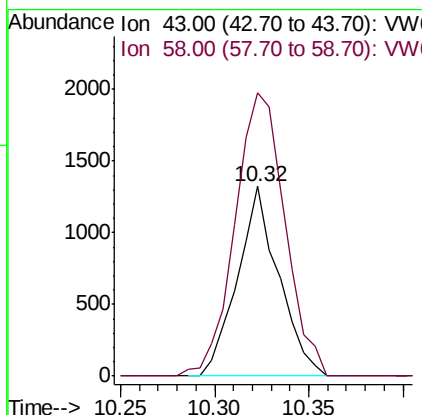
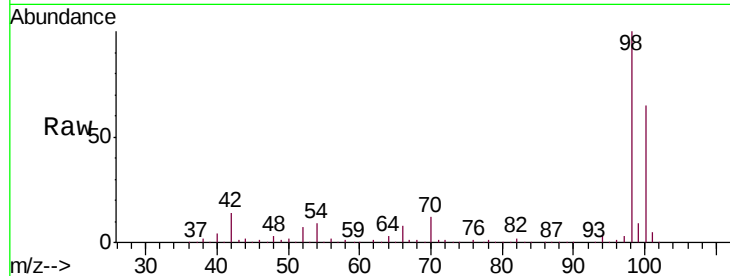




#51
 4-Methyl-2-Pentanone
 Concen: 1.639 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW015709.D
 Acq: 25 Jun 2020 03:41

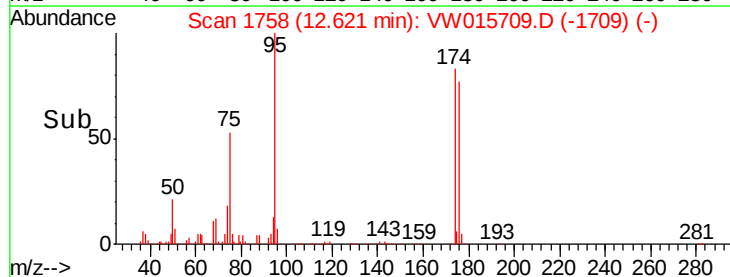
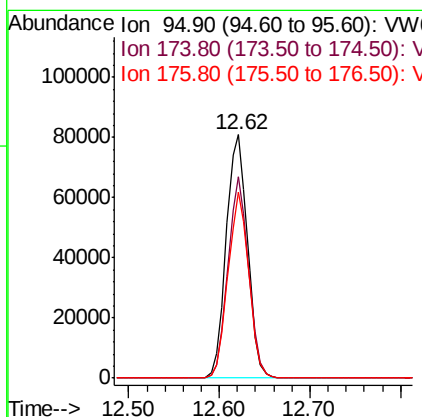
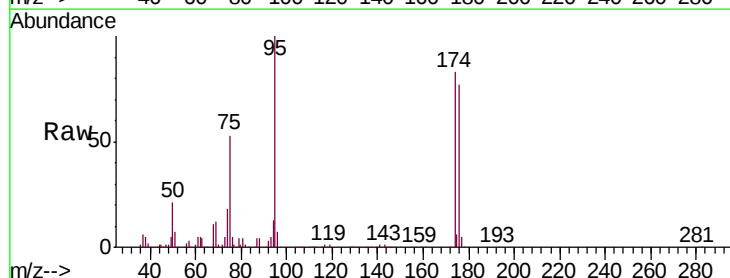
Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-01-0.0-2.0-D

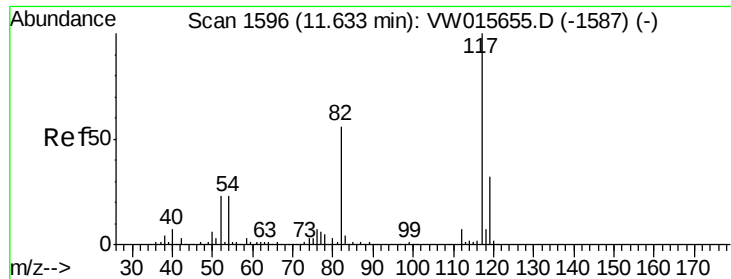
Tgt Ion: 43 Resp: 2008
 Ion Ratio Lower Upper
 43 100
 58 180.3 31.2 46.8#



#62
 4-Bromofluorobenzene
 Concen: 45.108 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015709.D
 Acq: 25 Jun 2020 03:41

Tgt Ion: 95 Resp: 131849
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 157.0
 176 74.9 0.0 151.4

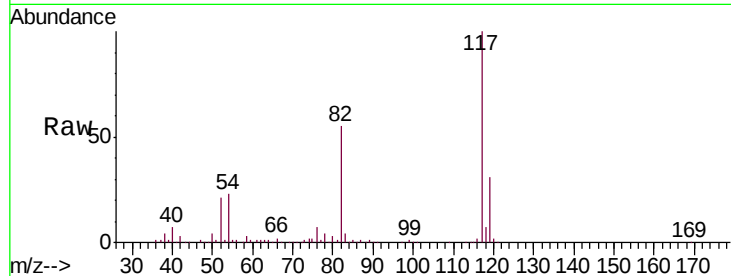




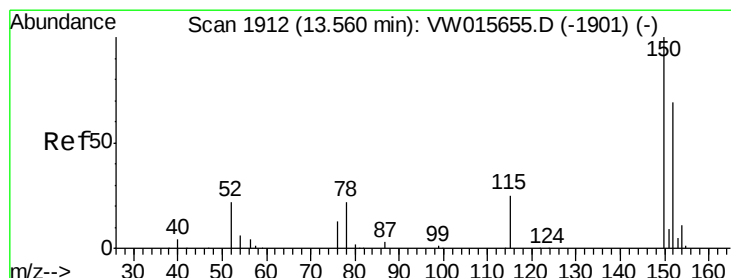
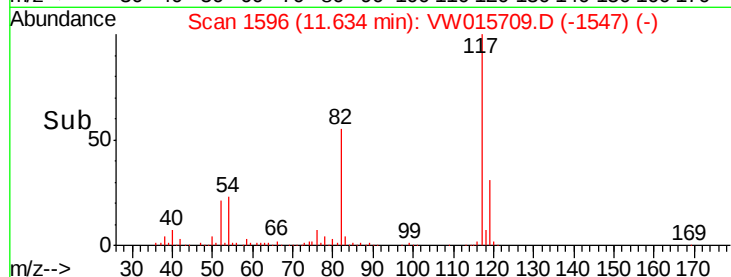
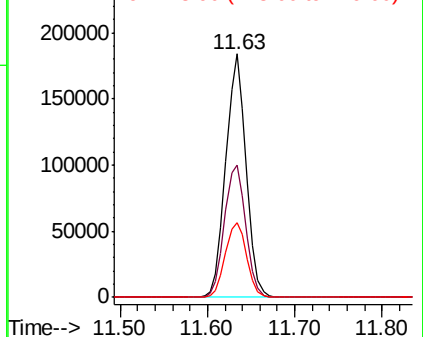
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015709.D
Acq: 25 Jun 2020 03:41

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

Tgt Ion:117 Resp: 295933
Ion Ratio Lower Upper
117 100
82 54.6 45.1 67.7
119 30.8 25.8 38.8

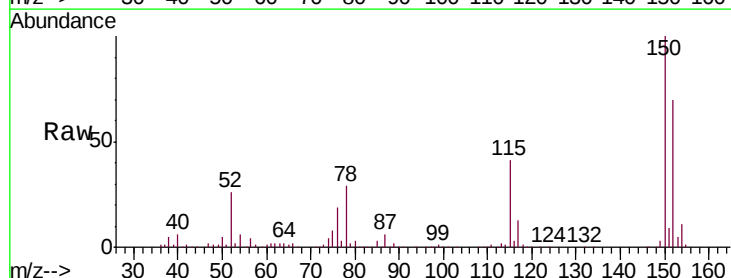


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

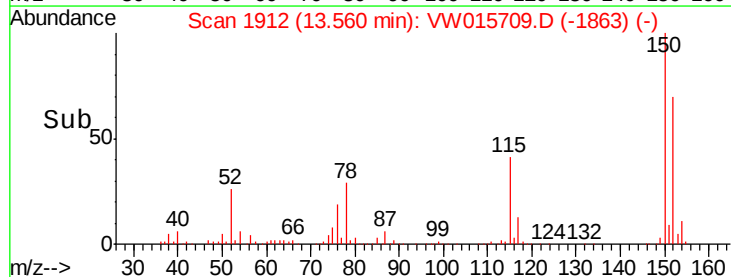
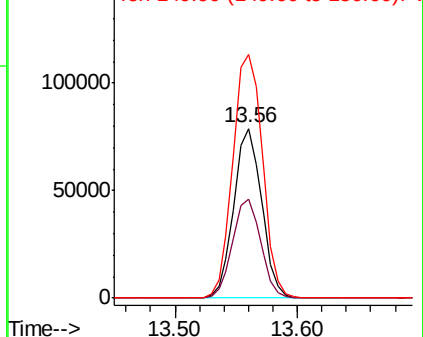


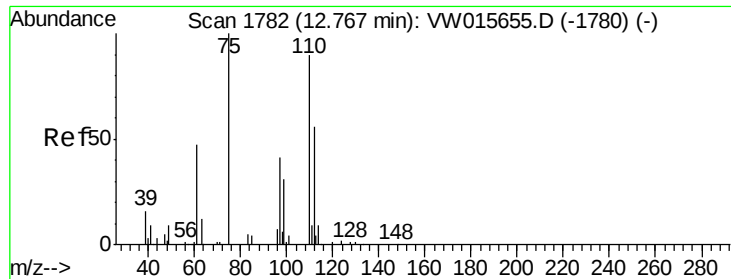
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015709.D
Acq: 25 Jun 2020 03:41

Tgt Ion:152 Resp: 124361
Ion Ratio Lower Upper
152 100
115 59.2 30.1 90.5
150 152.7 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

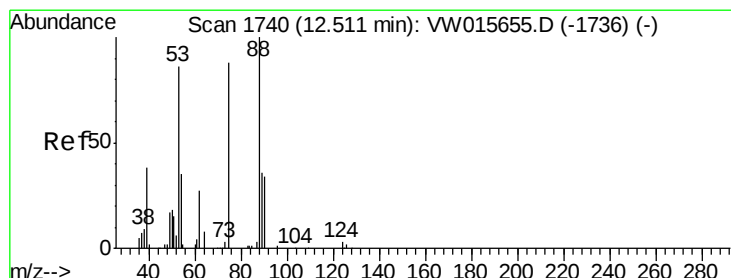
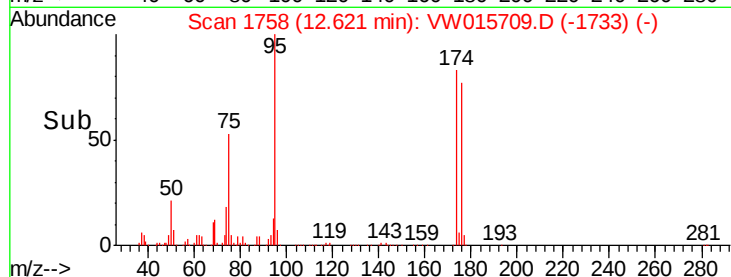
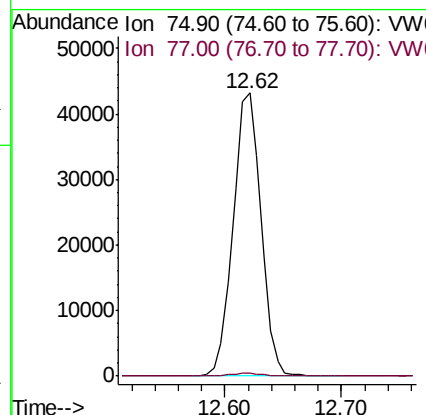
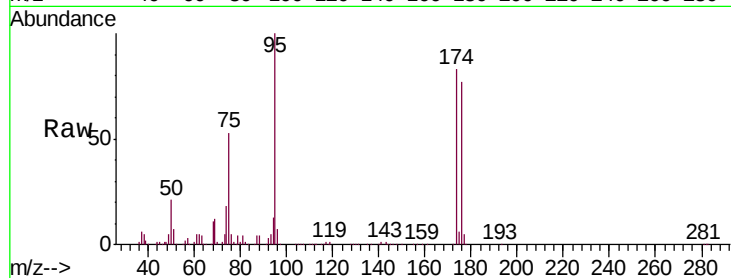




#76
 1,2,3-Trichloropropane
 Concen: 63.408 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015709.D
 Acq: 25 Jun 2020 03:41

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

Tgt Ion: 75 Resp: 71927
 Ion Ratio Lower Upper
 75 100
 77 1.1 179.1 537.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.789 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW015709.D
 Acq: 25 Jun 2020 03:41

Tgt Ion: 75 Resp: 71927
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.8 125.8#
 89 0.0 36.6 55.0#

