

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015648.D
 Acq On : 22 Jun 2020 14:37
 Operator : SY/VA
 Sample : L3079-03
 Misc : 7.39G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-BC-1.5-2.0

Quant Time: Jun 23 05:45:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114502	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	91241	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
35) Dibromofluoromethane	7.89	113	80566	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	10.32	98	309651	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	
62) 4-Bromofluorobenzene	12.62	95	104869	41.11	ug/l	0.00
Spiked Amount			Recovery	=	82.22%	

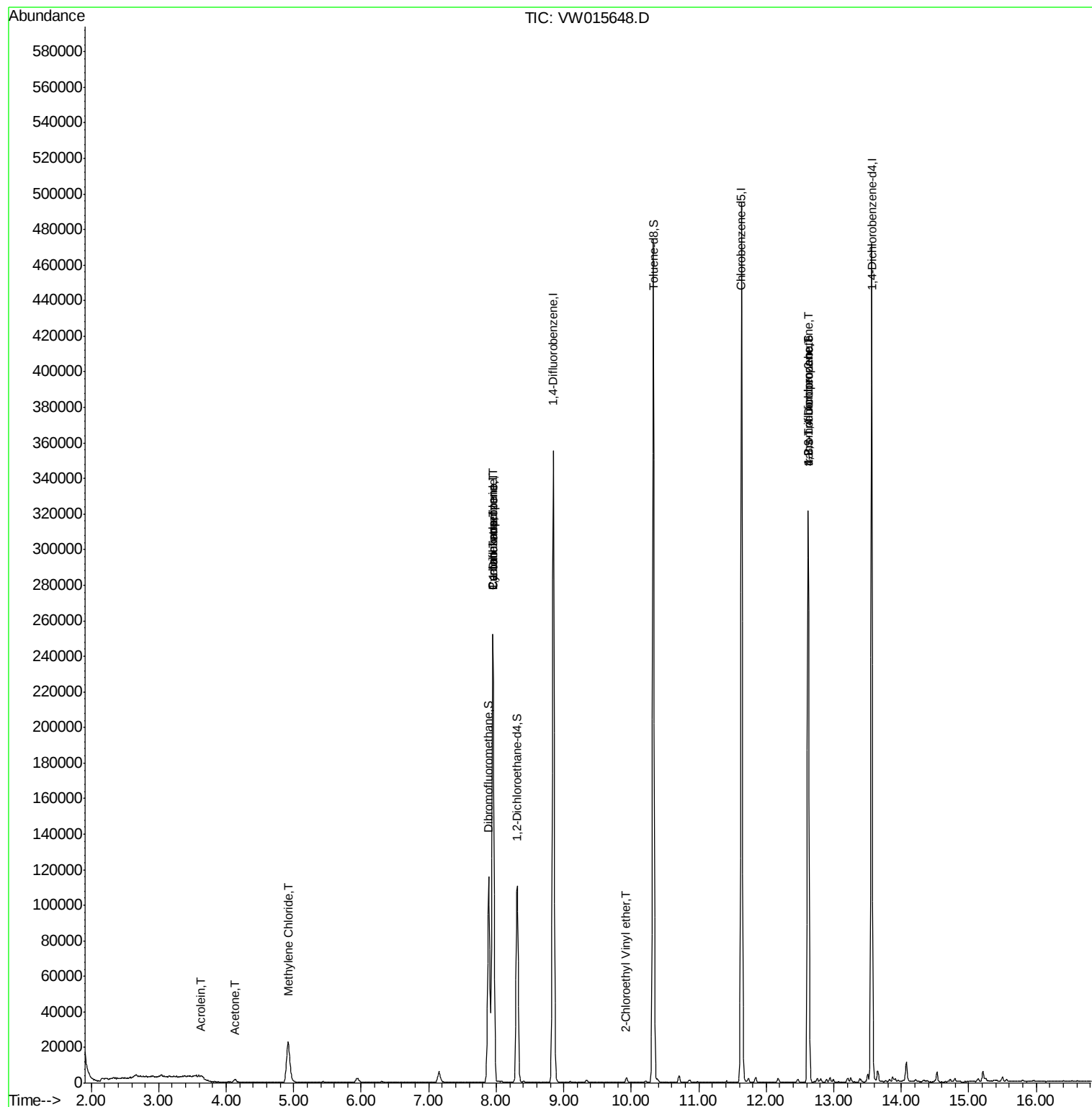
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	382	Below Cal	#	72
13) Acrolein	3.62	56	147	1.237	ug/l #	14
16) Acetone	4.13	43	3267	5.772	ug/l	99
20) Methylene Chloride	4.92	84	19266	9.458	ug/l	93
31) Cyclohexane	7.95	56	4768	1.354	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	15065	5.054	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18650	6.391	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	1357	1.561	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	56816	58.843	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56816	126.746	ug/l #	8

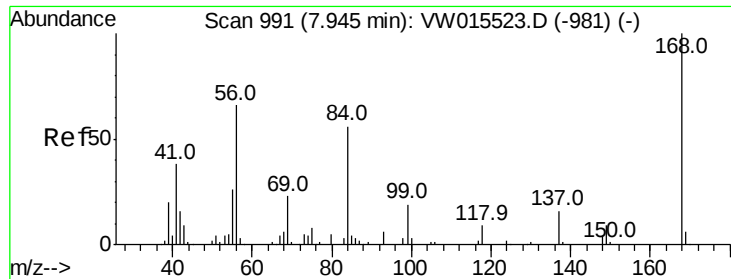
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062220\
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Quant Title : SW846 8260
QLast Update : Tue Jun 02 13:57:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015648.D

Acq: 22 Jun 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

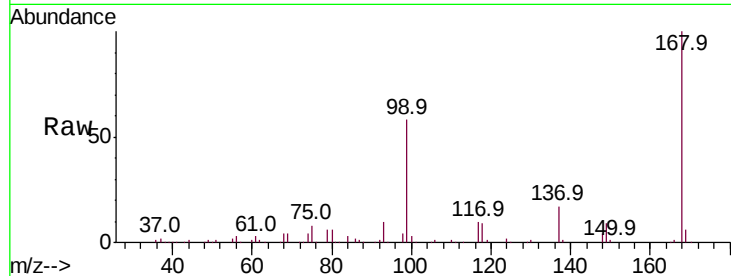
JFK-SB-BC-1.5-2.0

Tot Ion:168 Resp: 184119

Ion Ratio Lower Upper

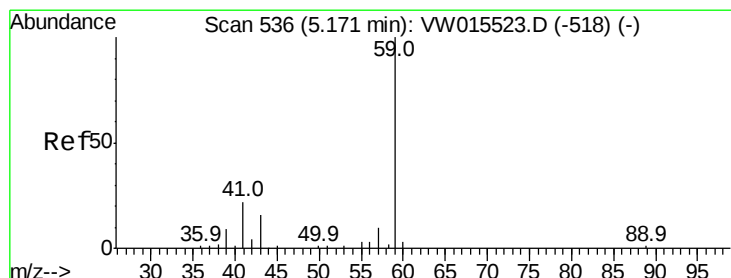
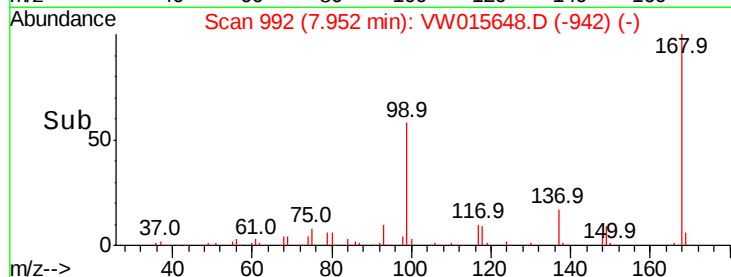
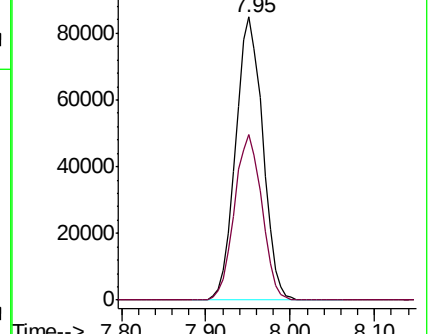
168 100

99 58.3 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: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW015648.D

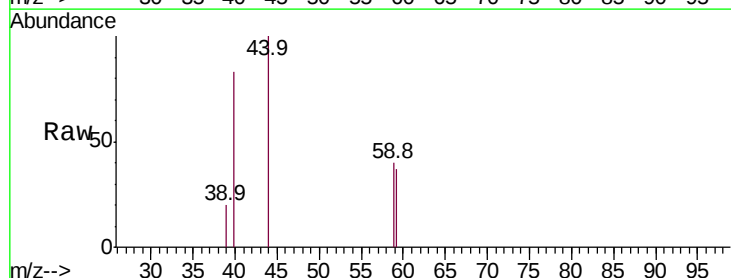
Acq: 22 Jun 2020 14:37

Tgt Ion: 59 Resp: 382

Ion Ratio Lower Upper

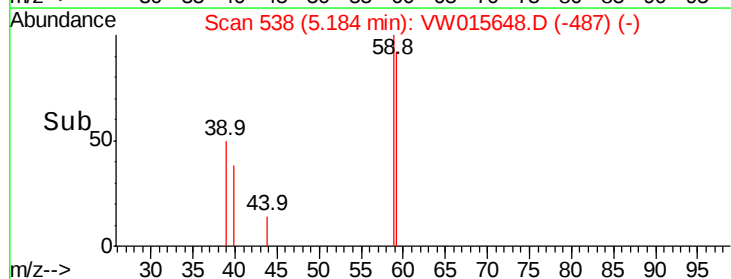
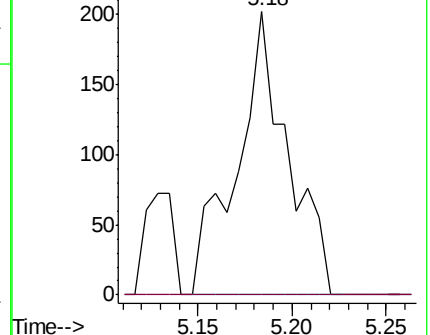
59 100

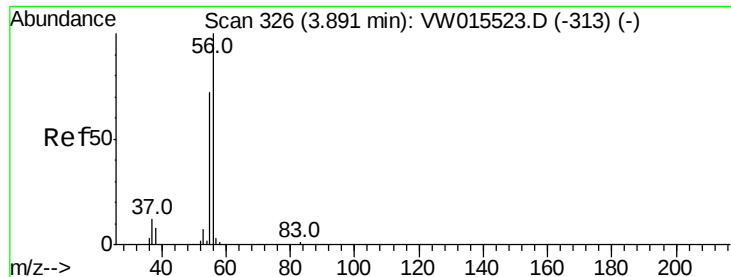
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.237 ug/l

RT: 3.62 min Scan# 282

Delta R.T. -0.27 min

Lab File: VW015648.D

Acq: 22 Jun 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

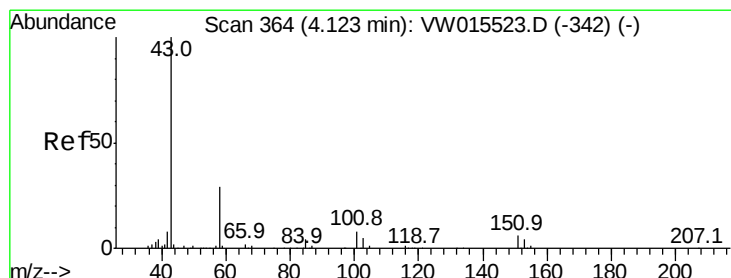
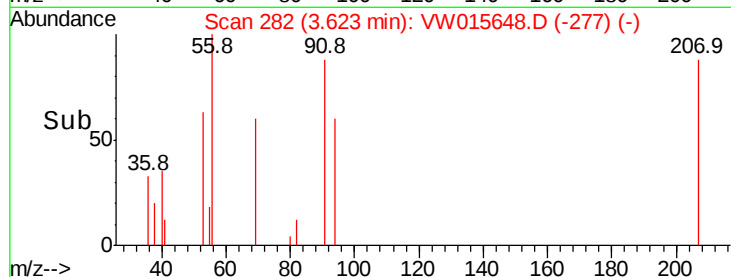
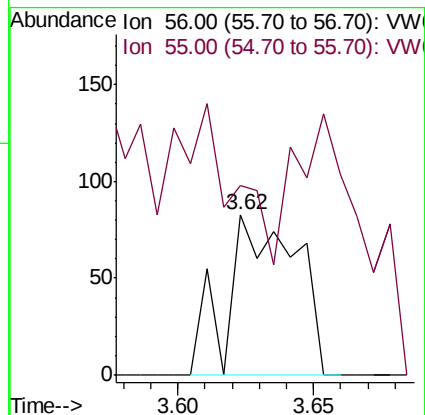
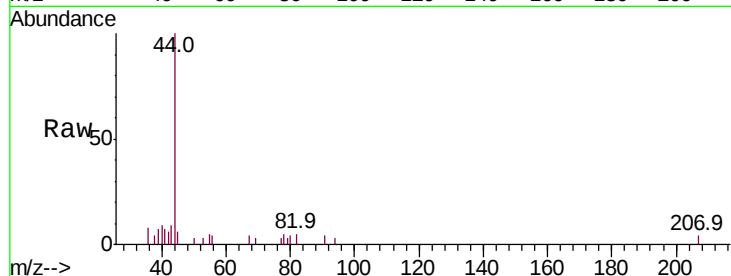
JFK-SB-BC-1.5-2.0

Tot Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#



#16

Acetone

Concen: 5.772 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015648.D

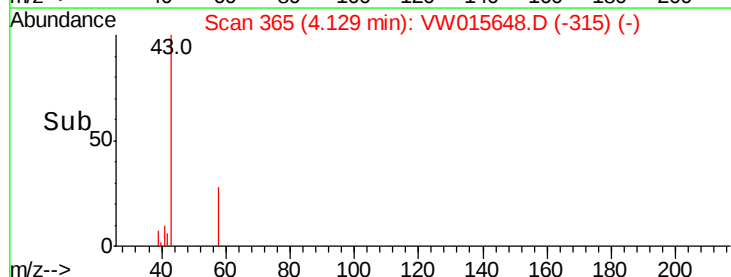
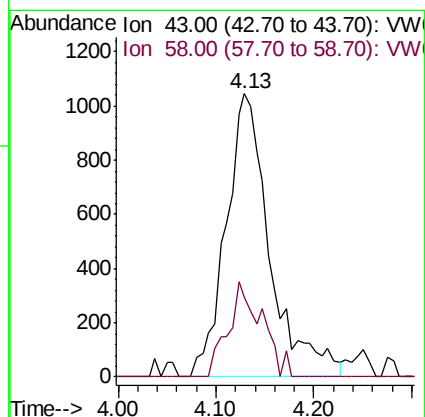
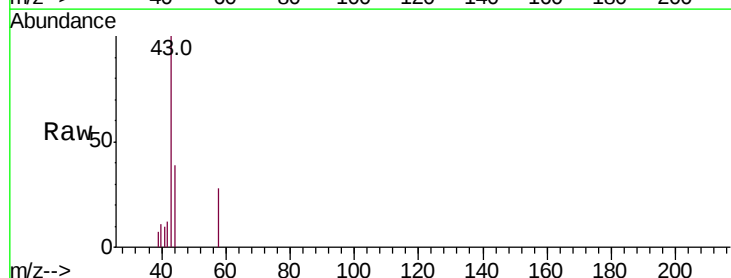
Acq: 22 Jun 2020 14:37

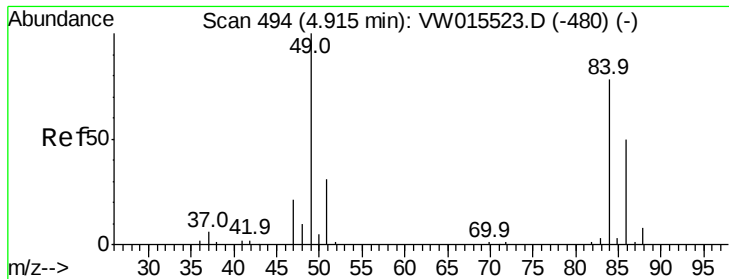
Tgt Ion: 43 Resp: 3267

Ion Ratio Lower Upper

43 100

58 28.3 23.1 34.7

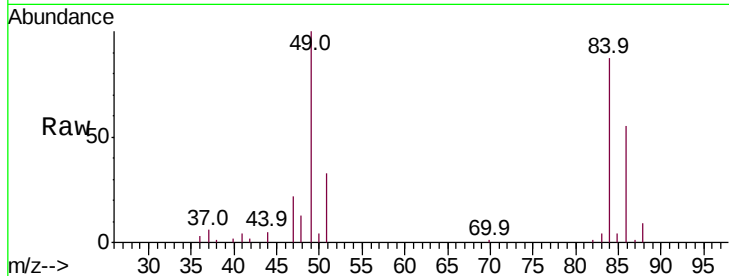




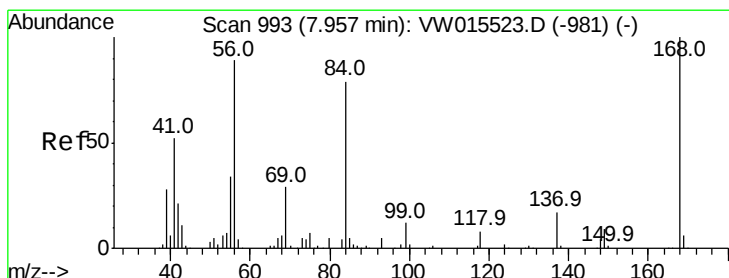
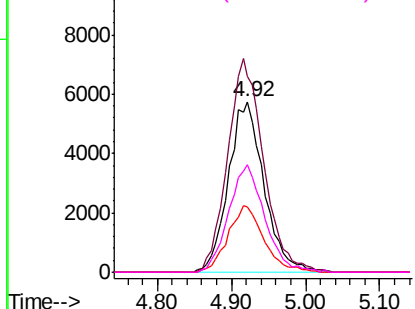
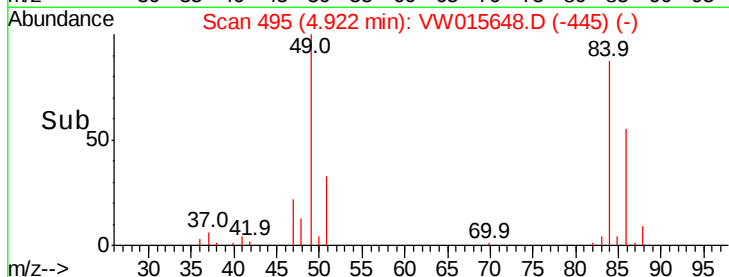
#20
Methvlene Chloride
Concen: 9.458 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015648.D
Acq: 22 Jun 2020 14:37

Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-BC-1.5-2.0

Tot Ion: 84 Resp: 19266
Ion Ratio Lower Upper
84 100
49 114.7 102.8 154.2
51 38.1 31.4 47.2
86 62.7 51.0 76.6

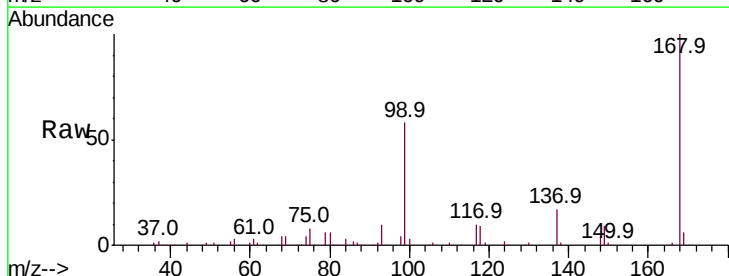


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

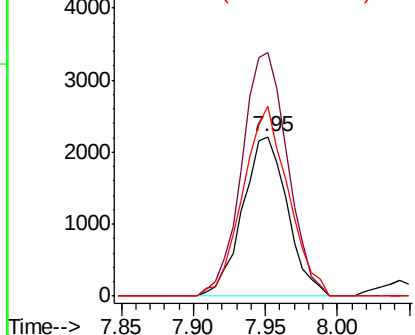
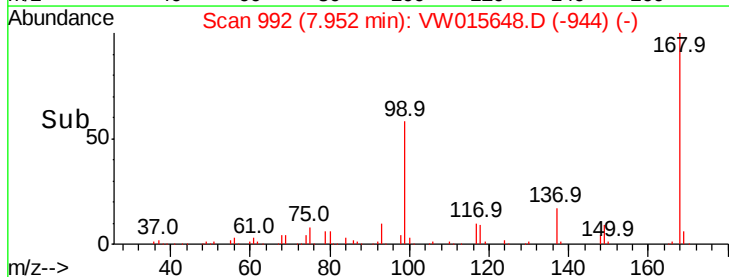


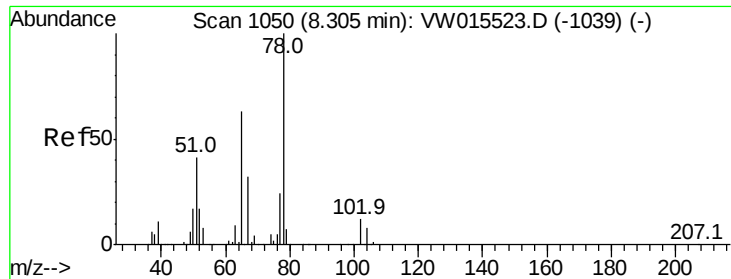
#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015648.D
Acq: 22 Jun 2020 14:37

Tgt Ion: 56 Resp: 4768
Ion Ratio Lower Upper
56 100
69 152.6 26.3 39.5#
84 119.0 71.0 106.4#



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

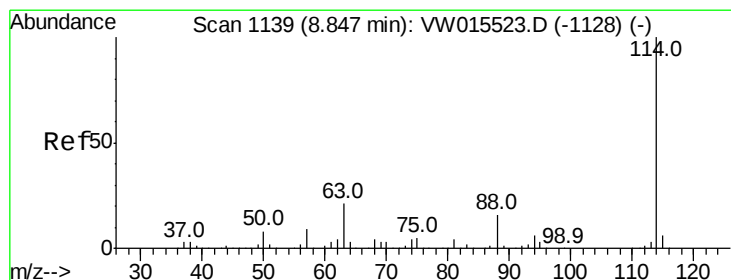
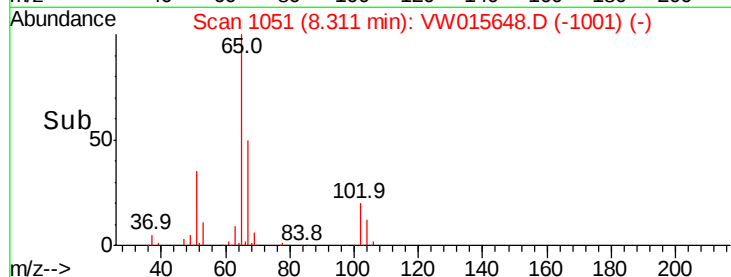
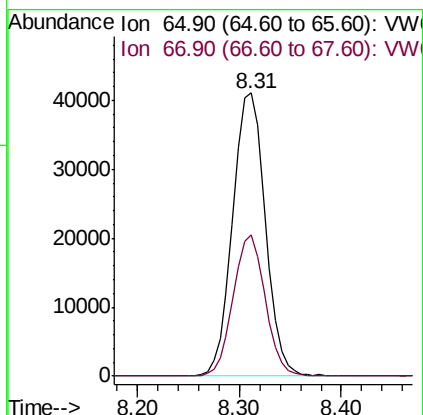
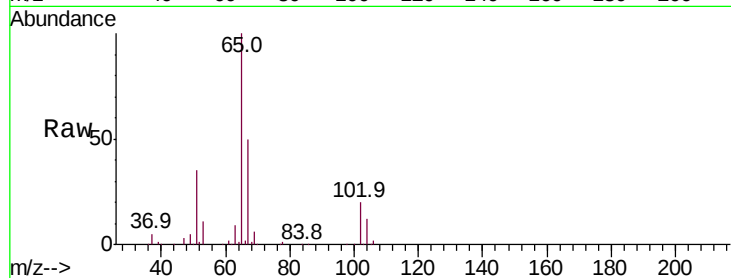




#33
 1,2-Dichloroethane-d4
 Concen: 46.883 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015648.D
 Acq: 22 Jun 2020 14:37

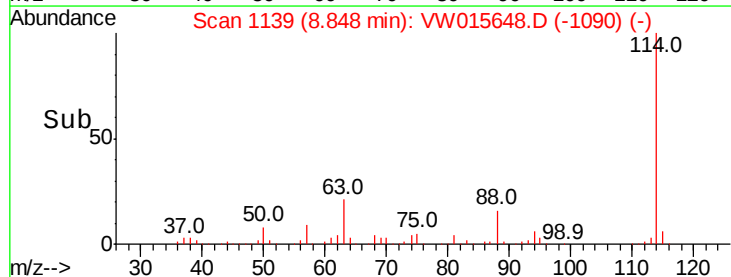
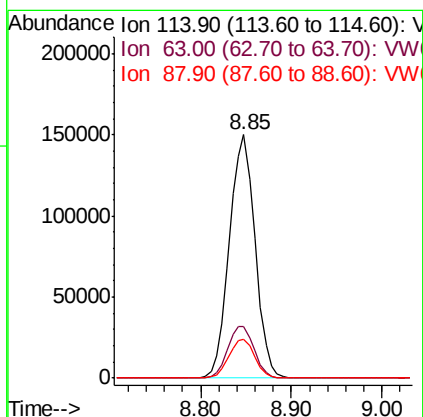
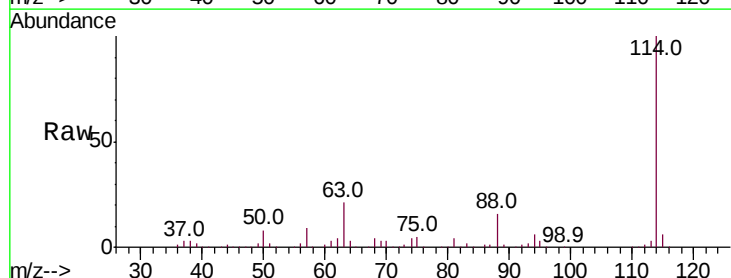
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 MSVOA_W
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 JFK-SB-BC-1.5-2.0

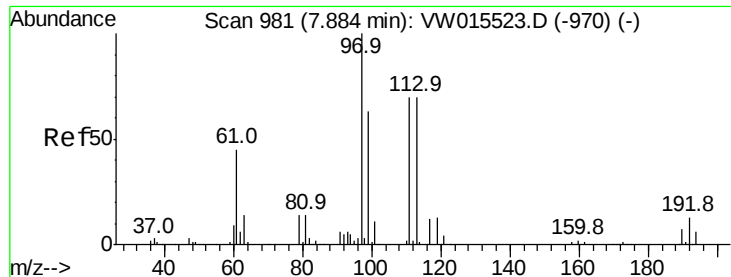
Tot Ion: 65 Resp: 91241
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015648.D
 Acq: 22 Jun 2020 14:37

Tgt Ion: 114 Resp: 294588
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 15.8 0.0 31.8

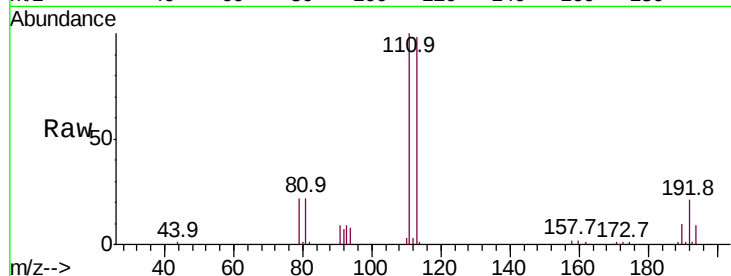




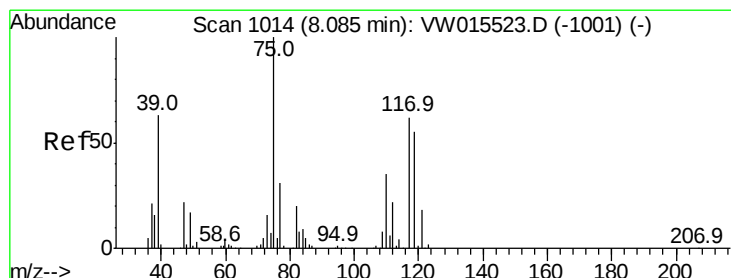
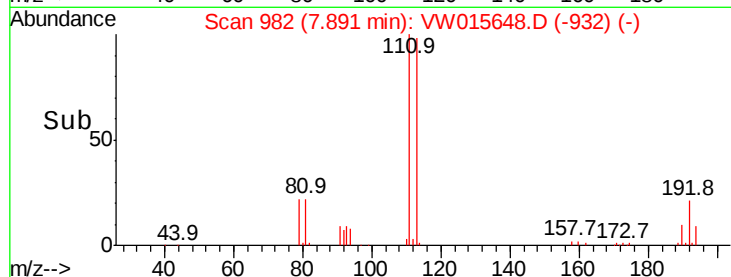
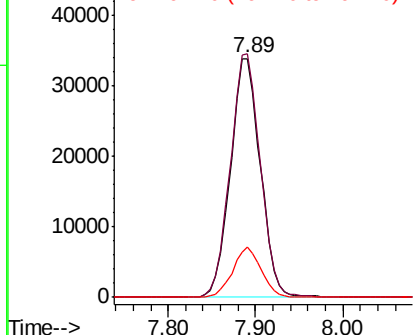
#35
 Dibromofluoromethane
 Concen: 46.400 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015648.D
 Acq: 22 Jun 2020 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-BC-1.5-2.0

Tot Ion:113 Resp: 80566
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.3 124.9
 192 20.1 15.8 23.6

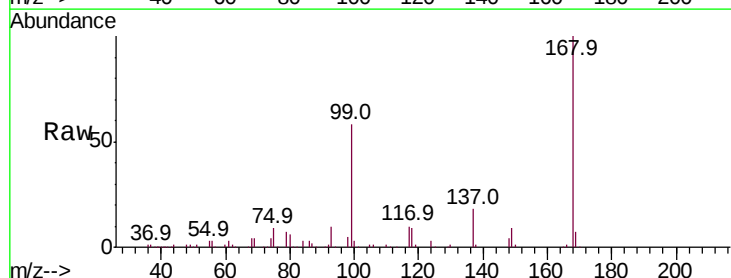


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

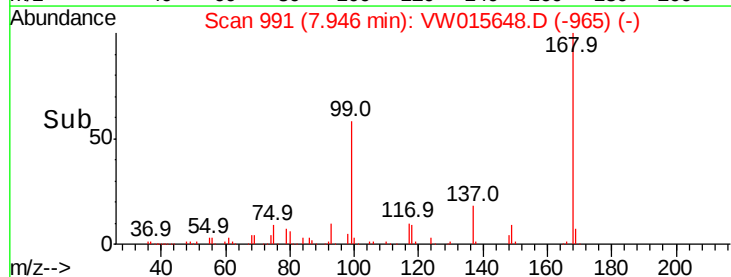
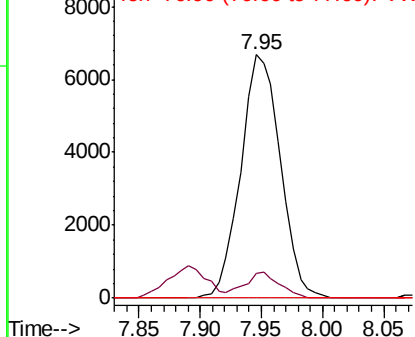


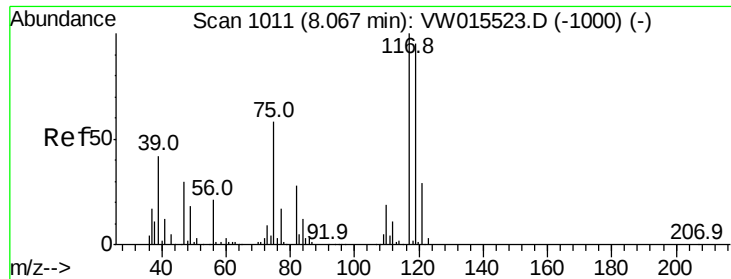
#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015648.D
 Acq: 22 Jun 2020 14:37

Tgt Ion: 75 Resp: 15065
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.2 51.6#
 77 0.0 25.0 37.4#



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

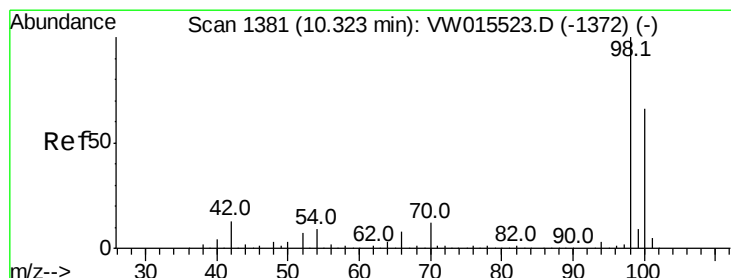
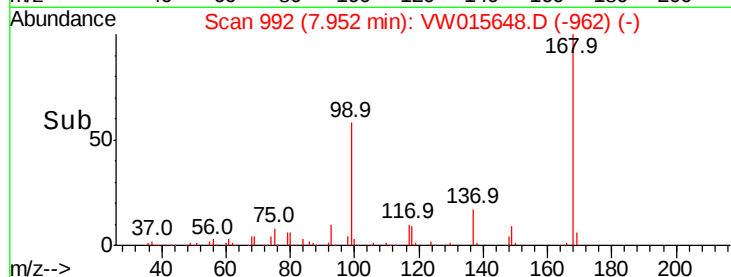
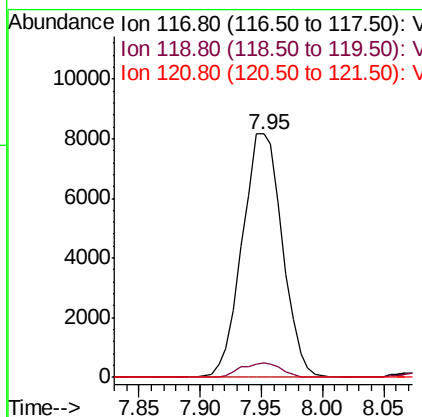
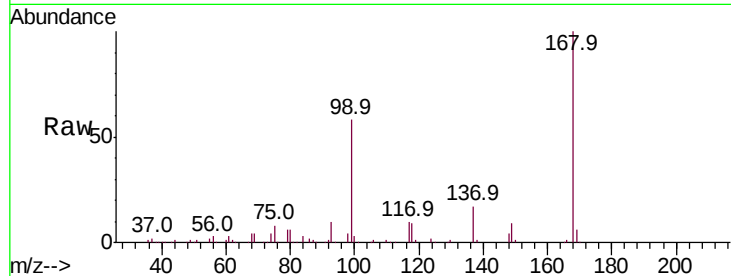




#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015648.D
Acq: 22 Jun 2020 14:37

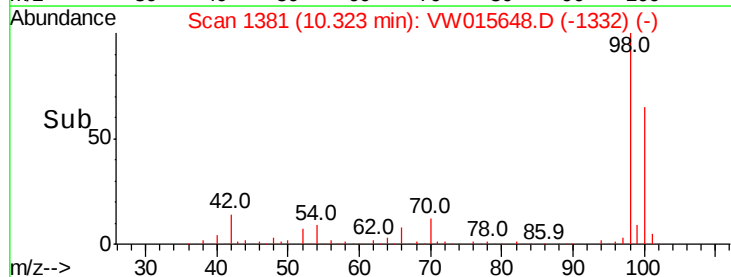
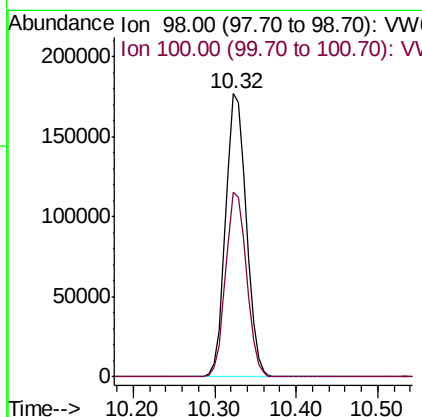
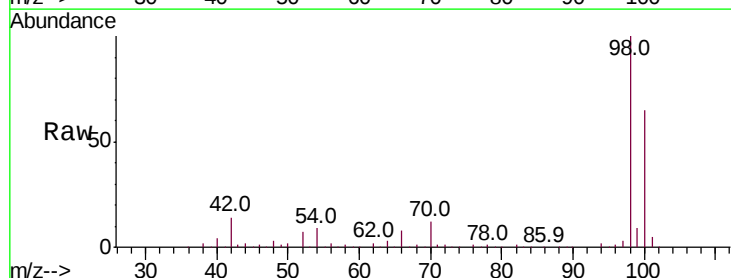
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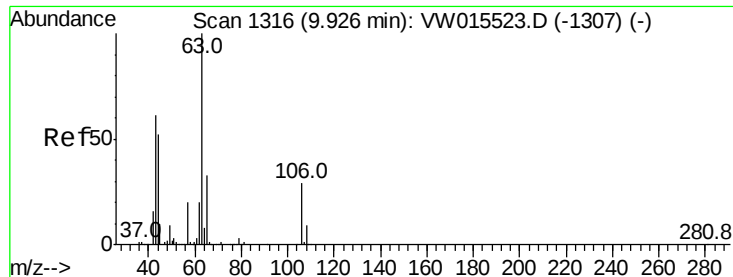
Tot Ion:117 Resp: 18650
Ion Ratio Lower Upper
117 100
119 5.7 75.9 113.9#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 44.102 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015648.D
Acq: 22 Jun 2020 14:37

Tgt Ion: 98 Resp: 309651
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

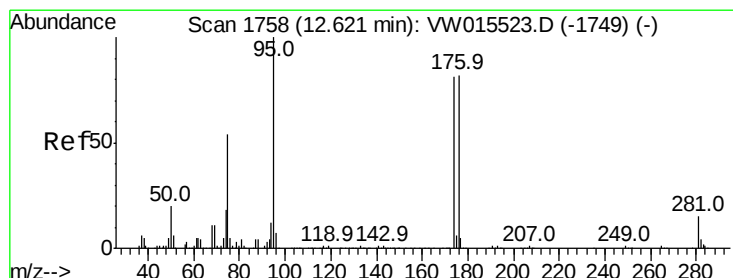
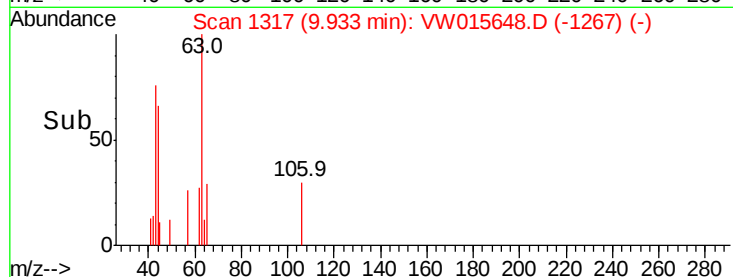
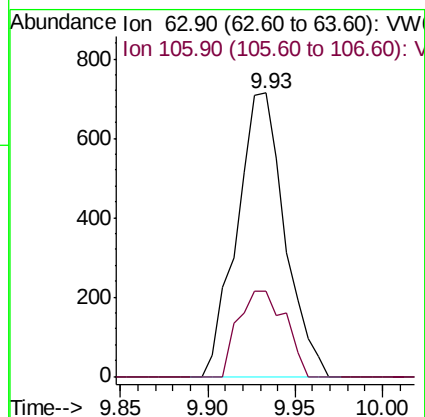
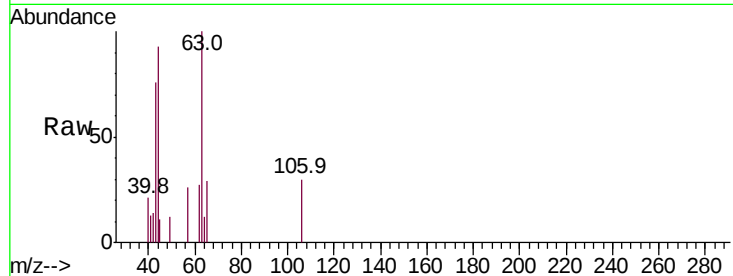




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.561 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW015648.D
 Acq: 22 Jun 2020 14:37

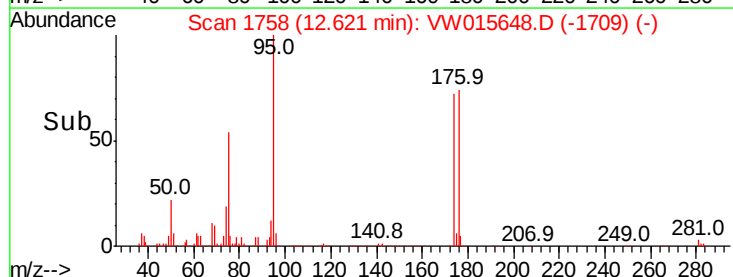
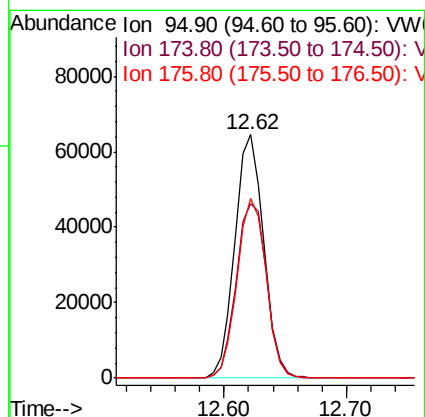
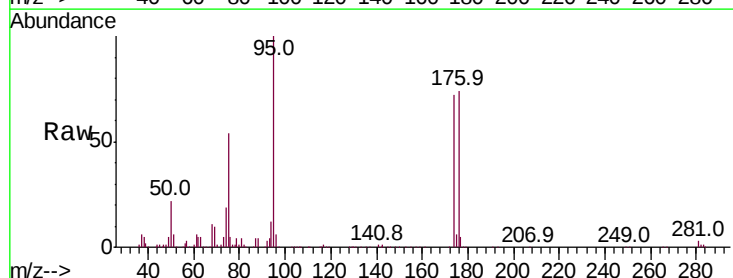
Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-BC-1.5-2.0

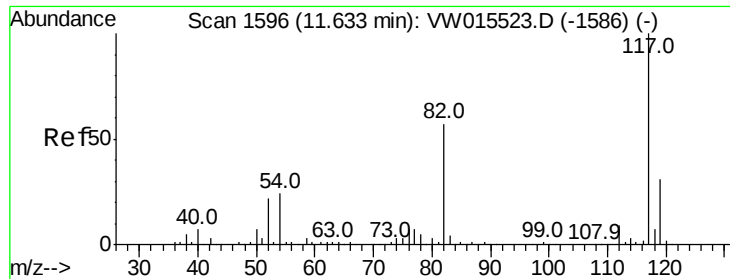
Tot Ion: 63 Resp: 1357
 Ion Ratio Lower Upper
 63 100
 106 29.6 22.9 34.3



#62
 4-Bromofluorobenzene
 Concen: 41.110 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015648.D
 Acq: 22 Jun 2020 14:37

Tgt Ion: 95 Resp: 104869
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 153.6
 176 74.6 0.0 152.8

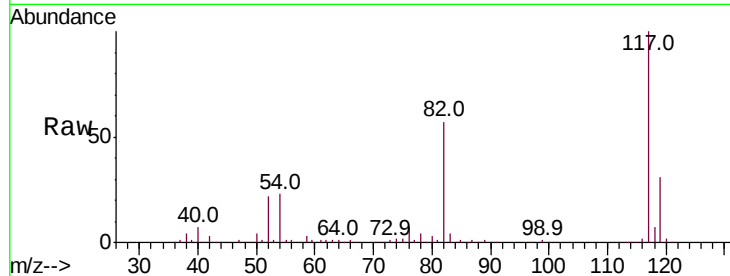




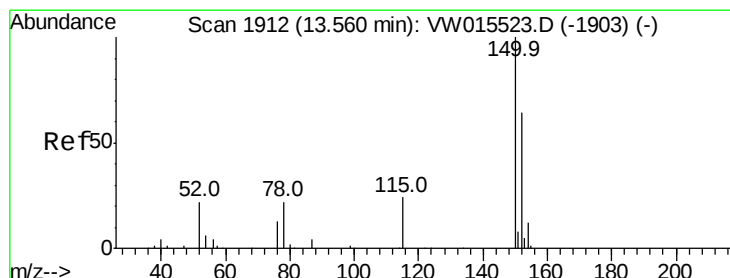
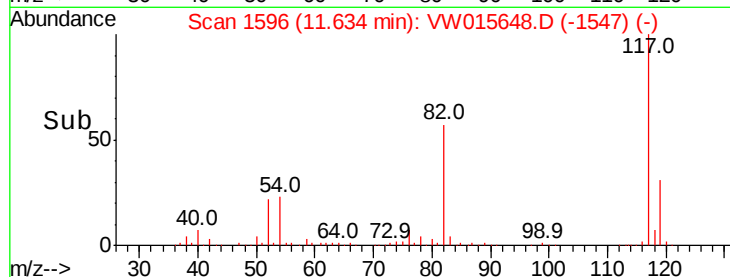
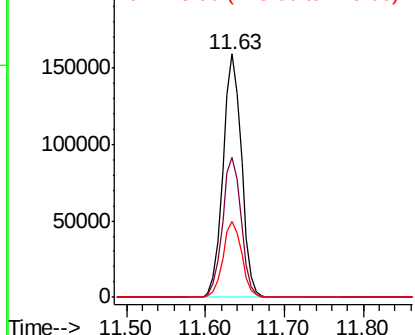
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015648.D
Acq: 22 Jun 2020 14:37

Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-BC-1.5-2.0

Tot Ion:117 Resp: 259640
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 31.0 24.7 37.1

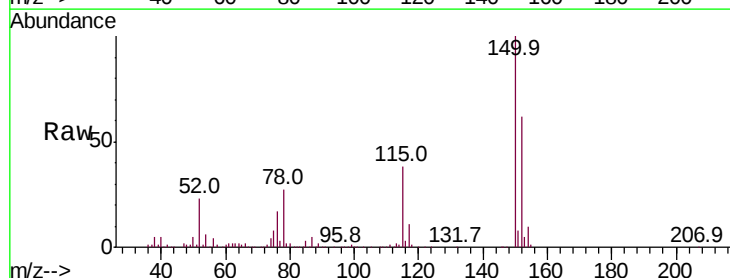


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

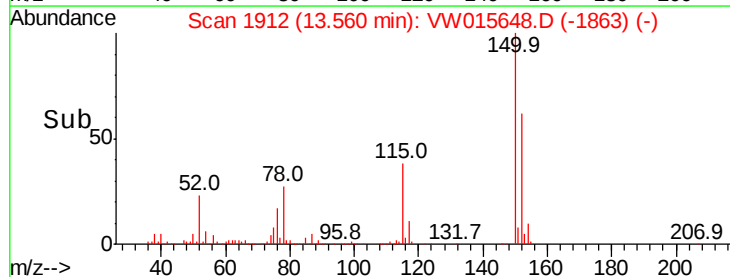
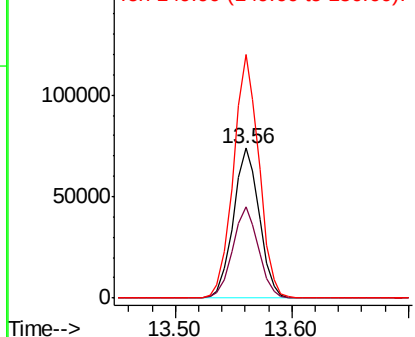


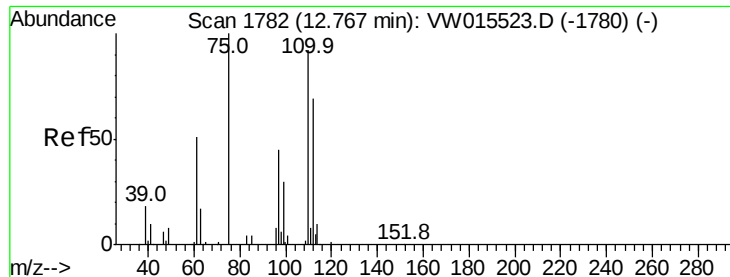
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015648.D
Acq: 22 Jun 2020 14:37

Tgt Ion:152 Resp: 114502
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 159.6 0.0 351.0



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: 58.843 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015648.D

Acq: 22 Jun 2020 14:37

Instrument :

MSVOA_W

ClientSampleId :

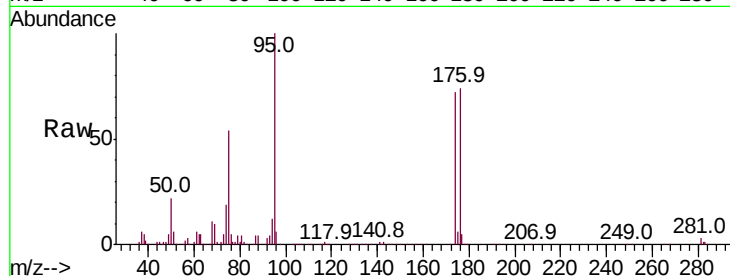
JFK-SB-BC-1.5-2.0

Tot Ion: 75 Resp: 56816

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

40000

30000

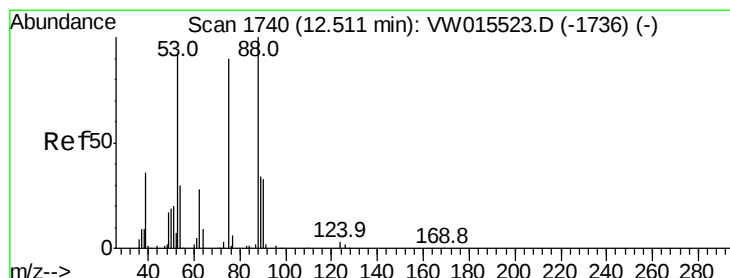
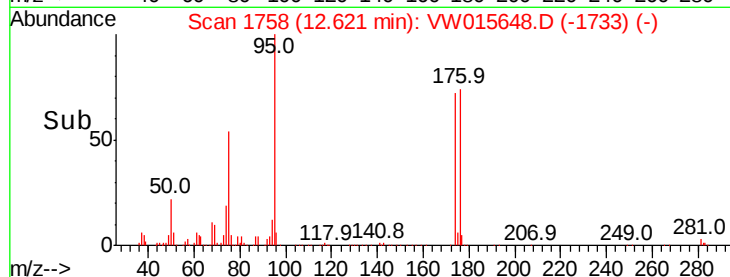
20000

10000

0

Time-->

12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 126.746 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015648.D

Acq: 22 Jun 2020 14:37

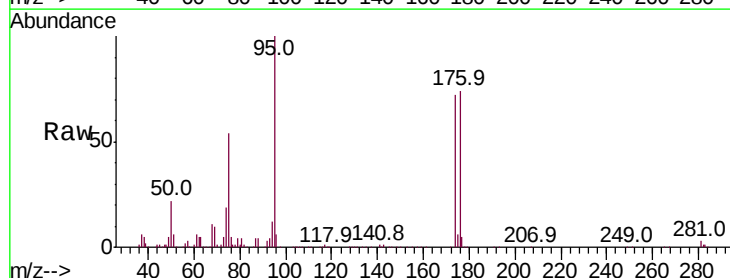
Tgt Ion: 75 Resp: 56816

Ion Ratio Lower Upper

75 100

53 0.0 84.0 126.0#

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

12.62

40000

30000

20000

10000

0

Time-->

12.55 12.60 12.65 12.70

