

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015647.D
 Acq On : 22 Jun 2020 14:11
 Operator : SY/VA
 Sample : L3079-01
 Misc : 6.43G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 23 05:45:32 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	168878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109664	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	102803	57.59	ug/l	0.00
Spiked Amount			Recovery	=	115.18%	
35) Dibromofluoromethane	7.89	113	92418	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
50) Toluene-d8	10.33	98	359648	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	117189	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

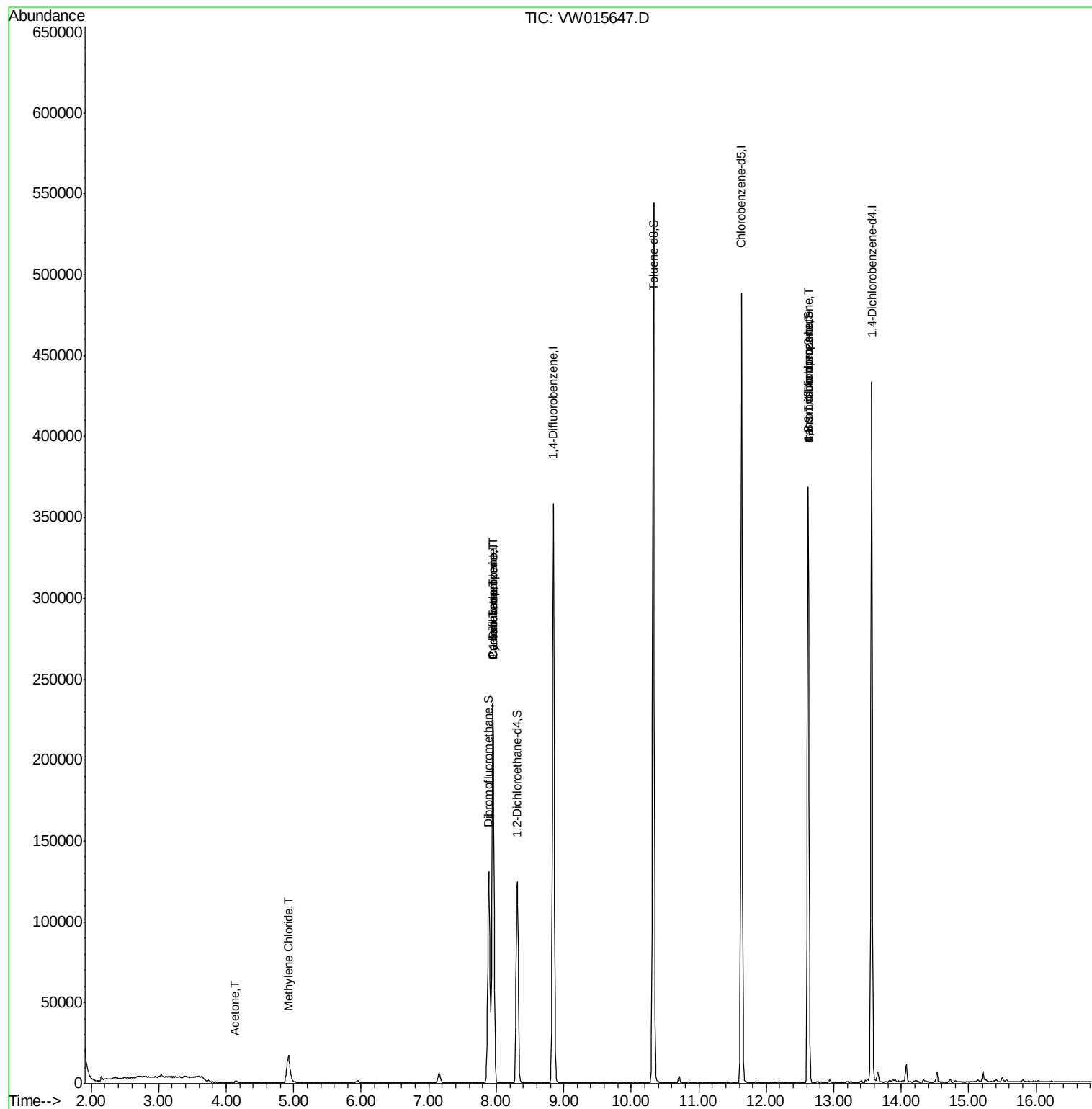
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	117	Below Cal	#	72
16) Acetone	4.14	43	1990	3.248	ug/l #	80
20) Methylene Chloride	4.92	84	13886	7.432	ug/l	94
31) Cyclohexane	7.95	56	4152	1.286	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	14091	4.737	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16819	5.775	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	63033	68.161	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63033	146.818	ug/l #	8

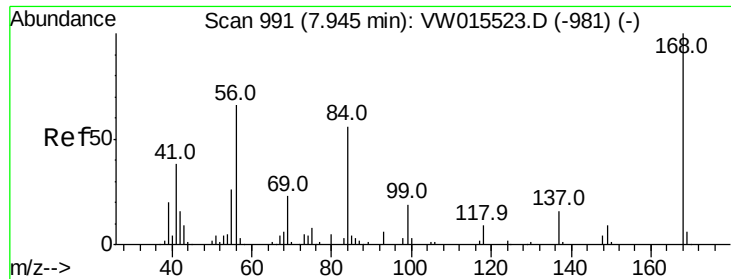
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015647.D

Acq: 22 Jun 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

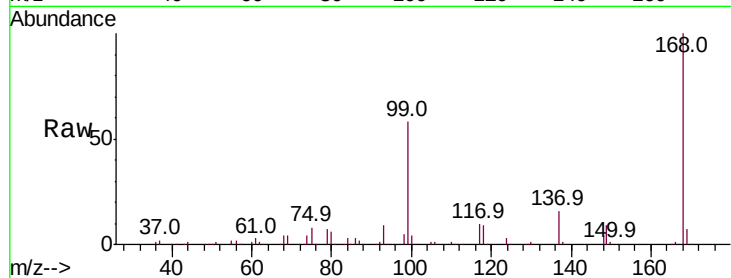
JFK-SB-IB-1.5-2.0

Tot Ion:168 Resp: 168878

Ion Ratio Lower Upper

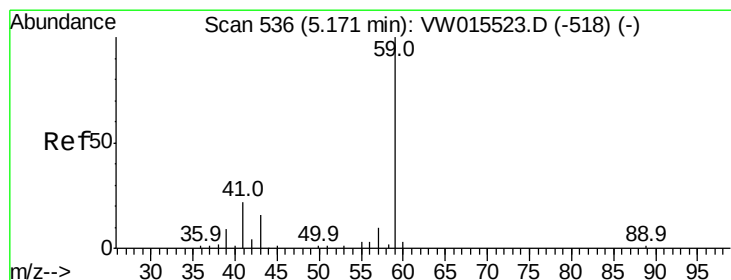
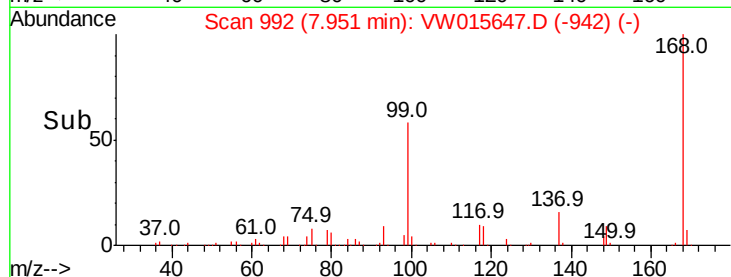
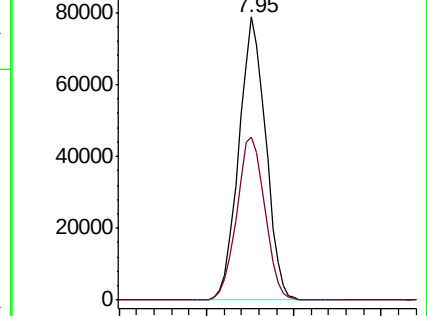
168 100

99 57.8 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: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW015647.D

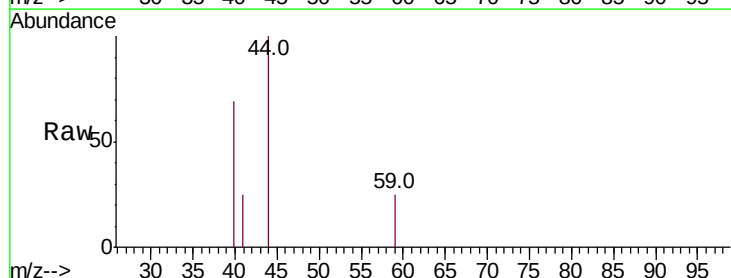
Acq: 22 Jun 2020 14:11

Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

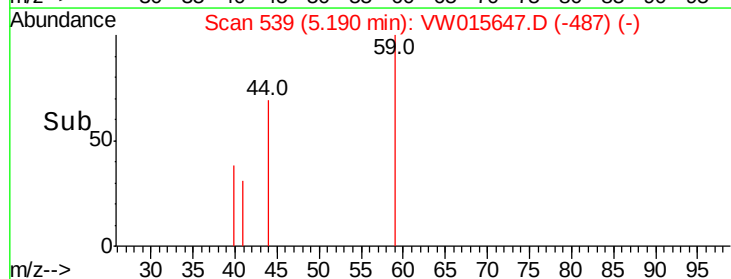
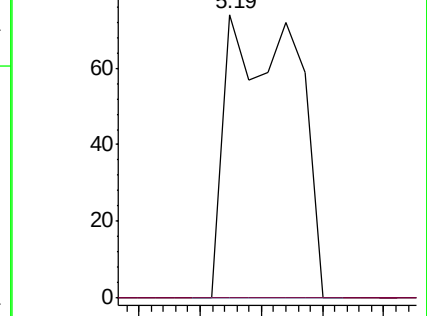
59 100

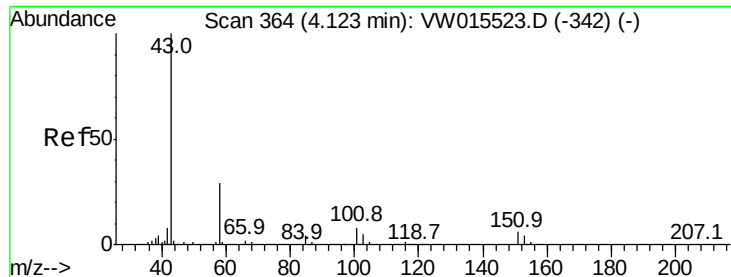
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

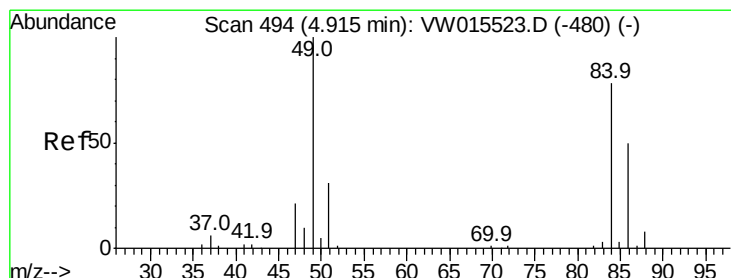
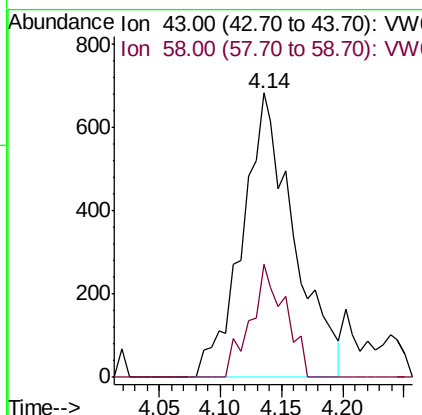
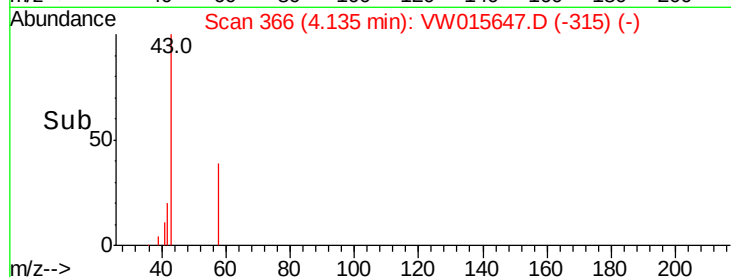
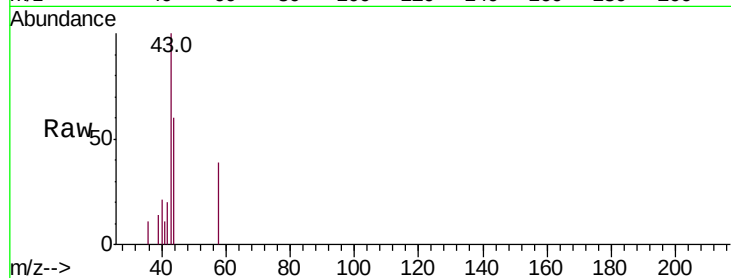




#16
Acetone
Concen: 3.248 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

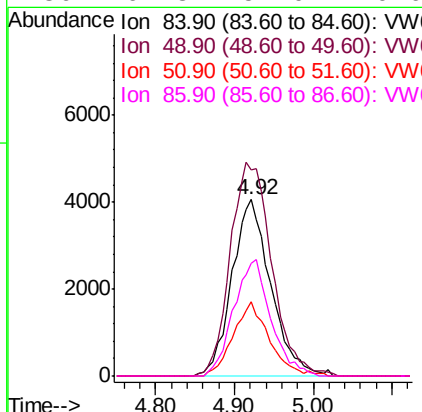
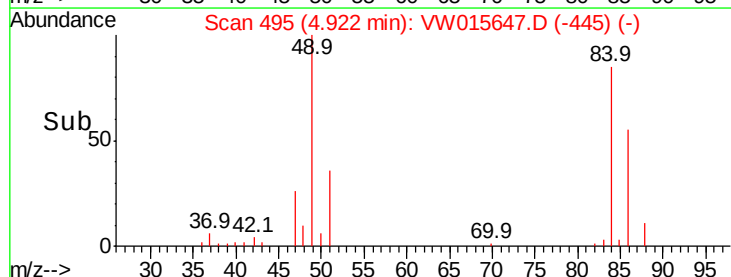
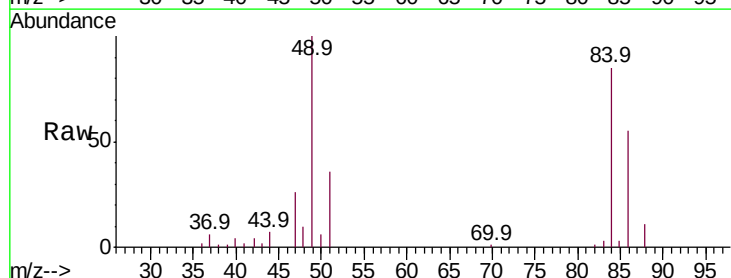
Instrument :
MSVOA_W
ClientSampleId :
JFK-SB-IB-1.5-2.0

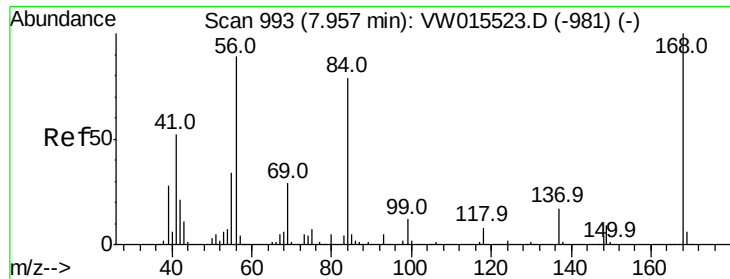
Tot Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
58 39.4 23.1 34.7#



#20
Methylene Chloride
Concen: 7.432 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

Tgt Ion: 84 Resp: 13886
Ion Ratio Lower Upper
84 100
49 117.2 102.8 154.2
51 42.0 31.4 47.2
86 64.3 51.0 76.6

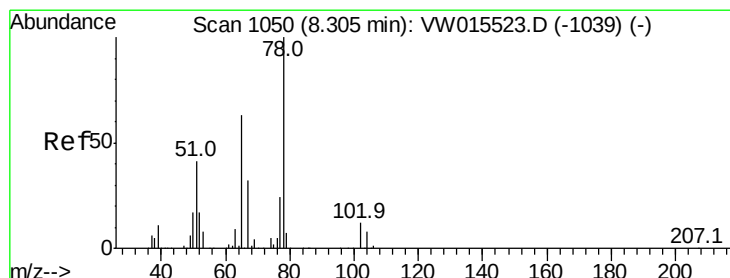
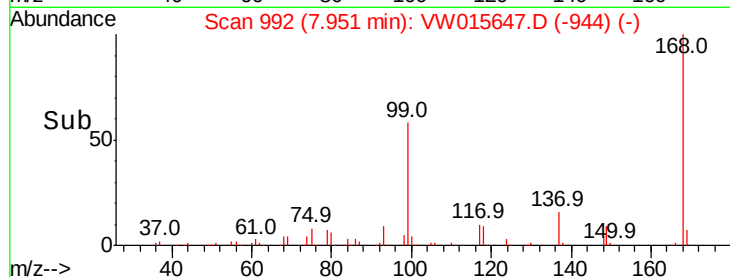
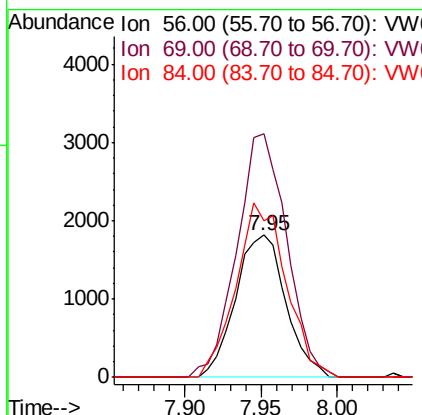
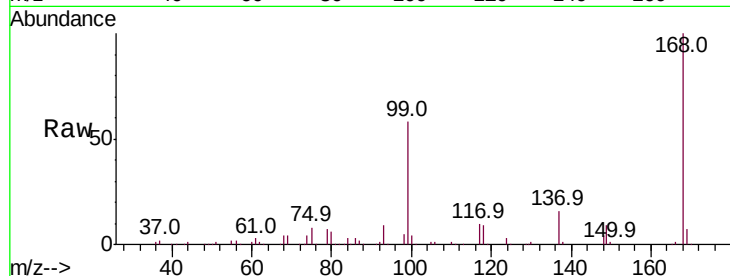




#31
 Cyclohexane
 Concen: 1.286 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

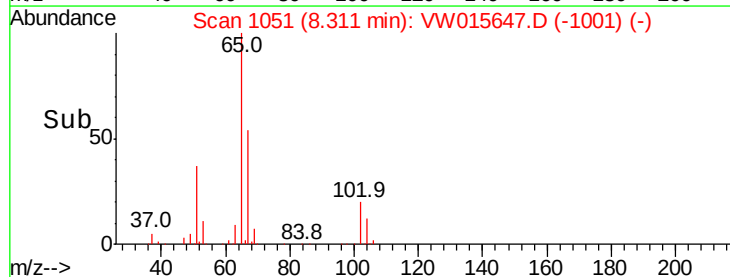
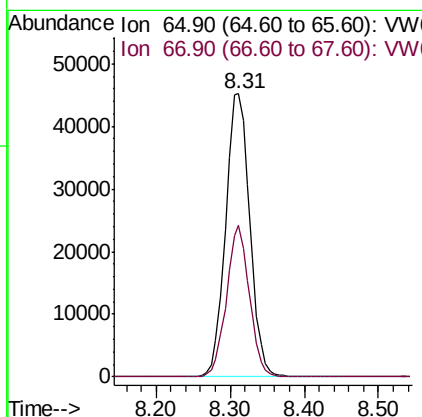
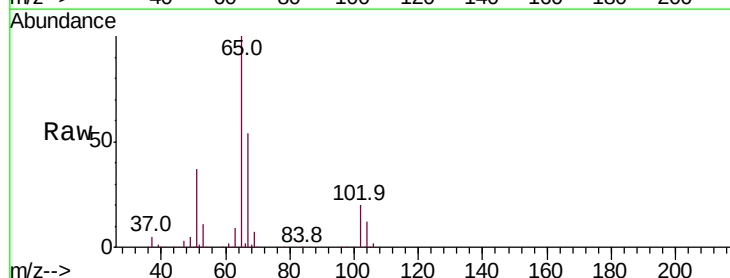
Instrument :
 MSVOA_W
 ClientSampleId :
 JFK-SB-IB-1.5-2.0

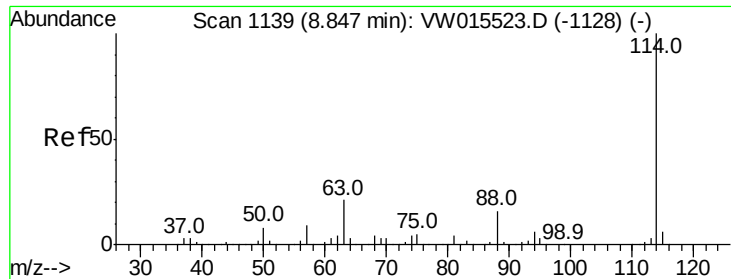
Tot Ion: 56 Resp: 4152
 Ion Ratio Lower Upper
 56 100
 69 171.5 26.3 39.5#
 84 110.5 71.0 106.4#



#33
 1,2-Dichloroethane-d4
 Concen: 57.591 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

Tgt Ion: 65 Resp: 102803
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.8

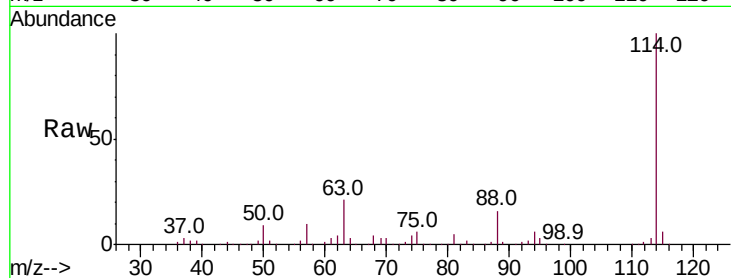




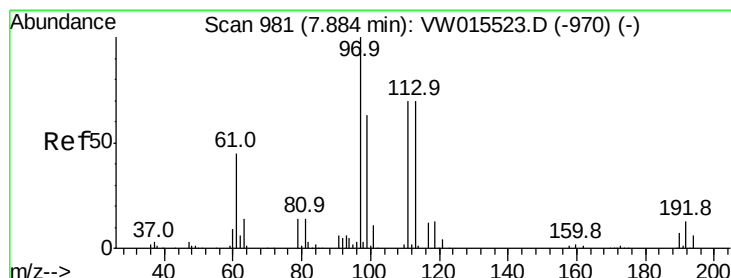
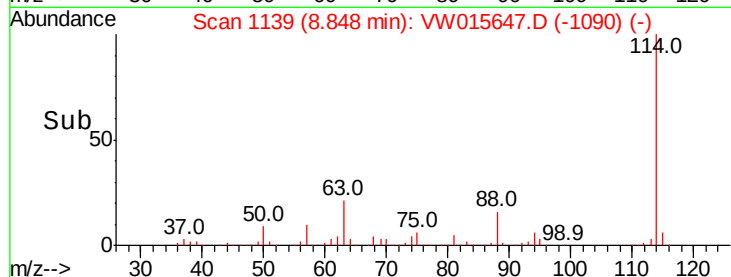
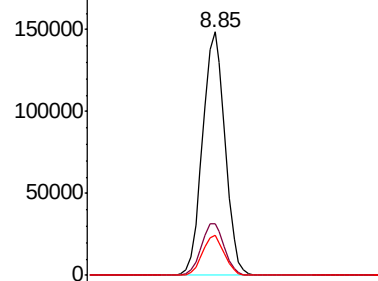
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

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

Tot Ion:	114	Resp:	294002
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.0
88	16.3	0.0	31.8

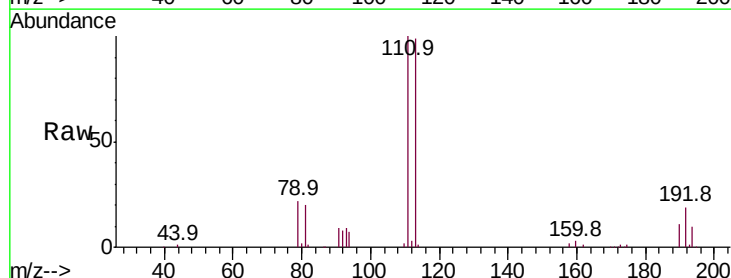


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

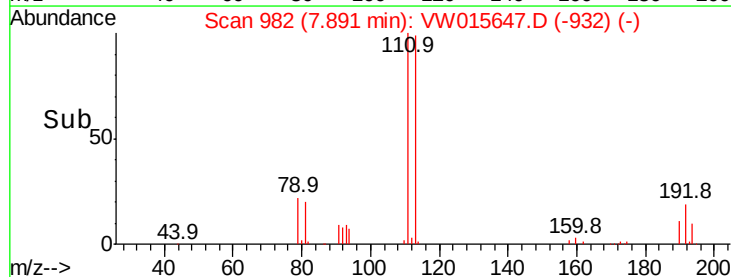
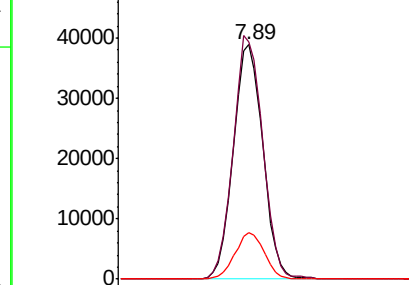


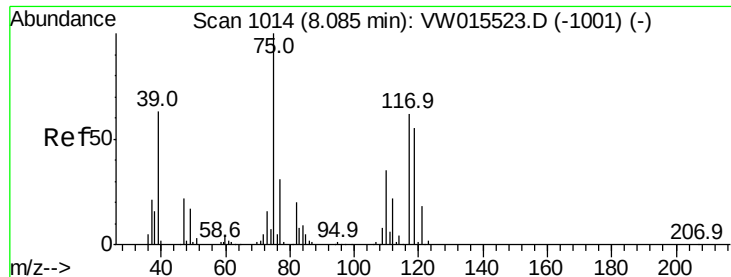
#35
 Dibromofluoromethane
 Concen: 53.332 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

Tgt Ion:	113	Resp:	92418
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.3	124.9
192	19.6	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

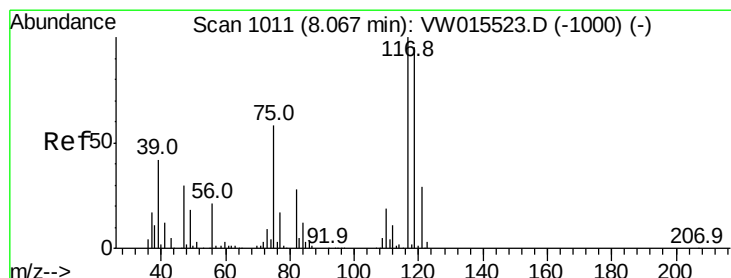
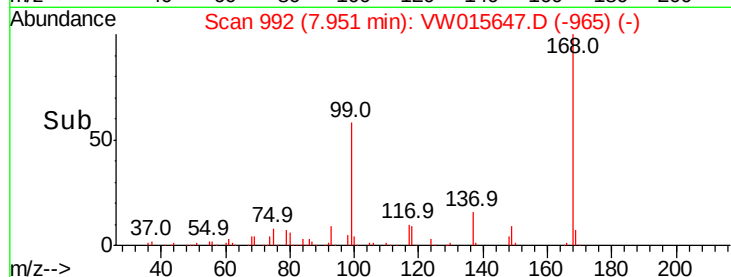
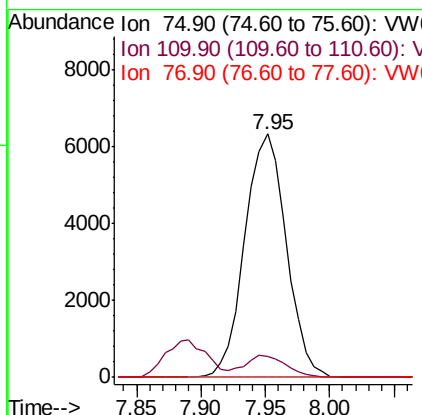
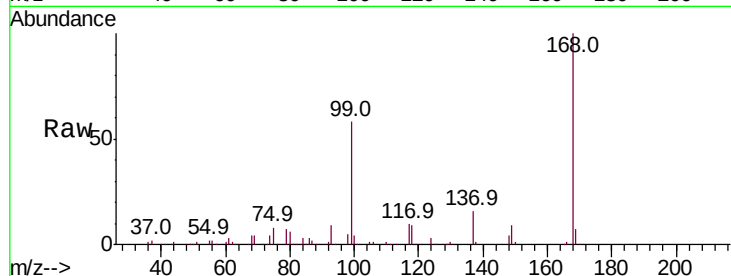




#36
 1,1-Dichloropropene
 Concen: 4.737 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

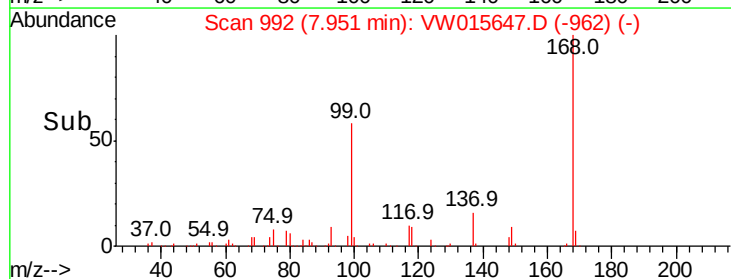
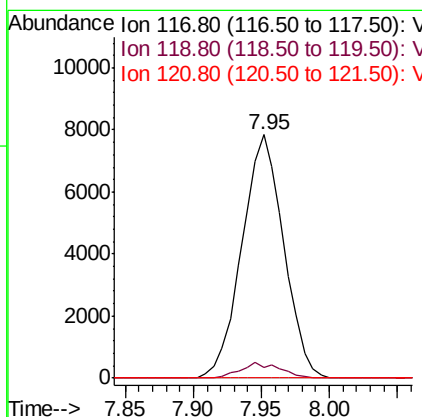
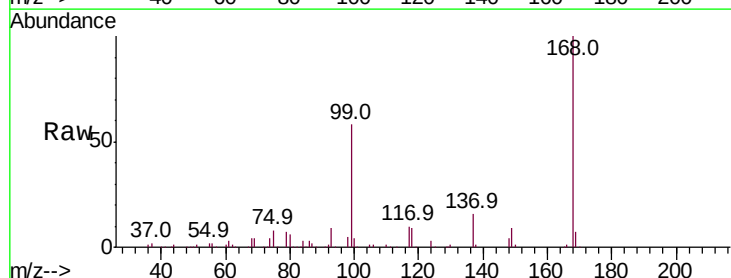
Instrument :
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 ClientSampleId :
 JFK-SB-IB-1.5-2.0

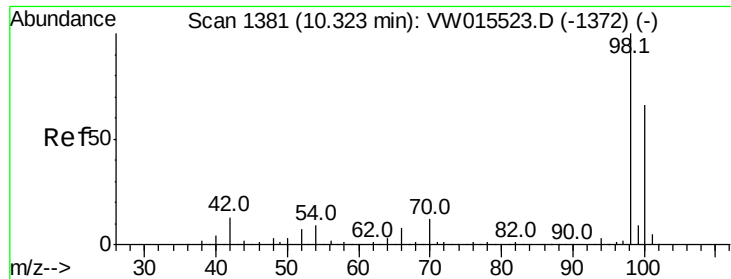
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.2	51.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.775 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015647.D
 Acq: 22 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.9	113.9#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.325 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

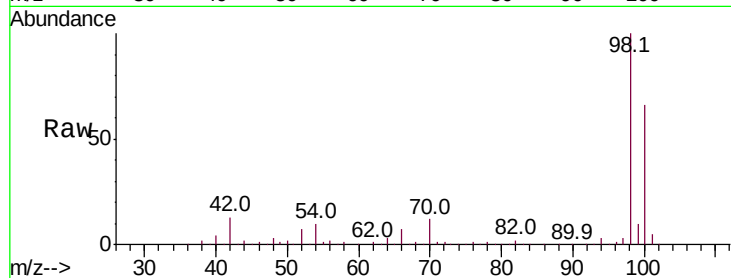
JFK-SB-IB-1.5-2.0

Tot Ion: 98 Resp: 359648

Ion Ratio Lower Upper

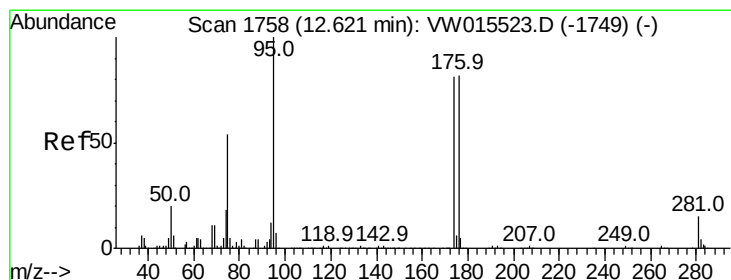
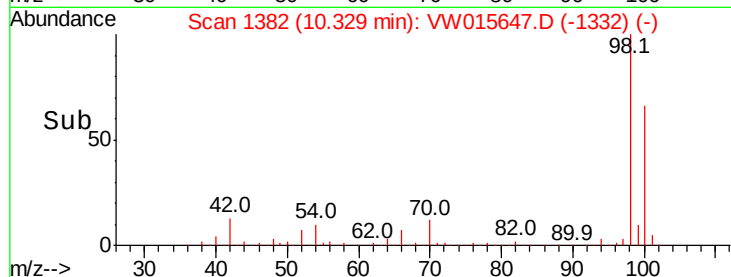
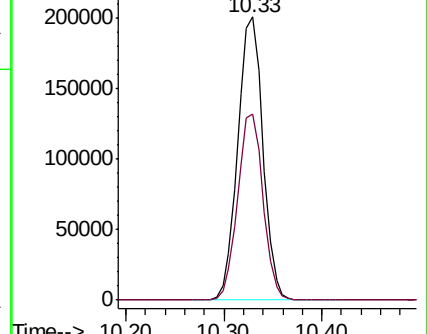
98 100

100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.032 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

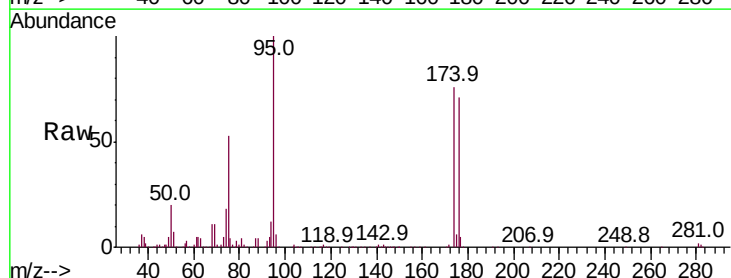
Tgt Ion: 95 Resp: 117189

Ion Ratio Lower Upper

95 100

174 77.2 0.0 153.6

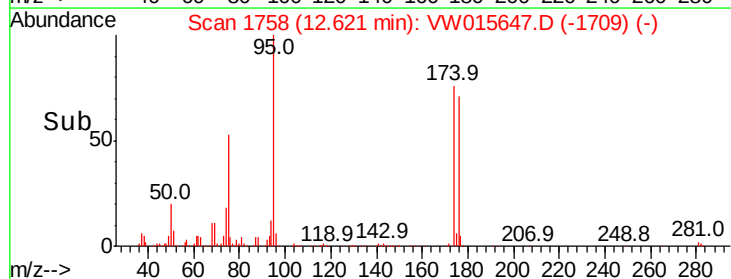
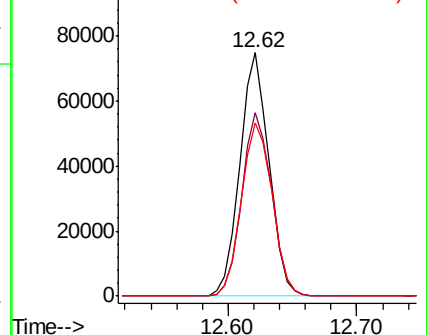
176 75.1 0.0 152.8

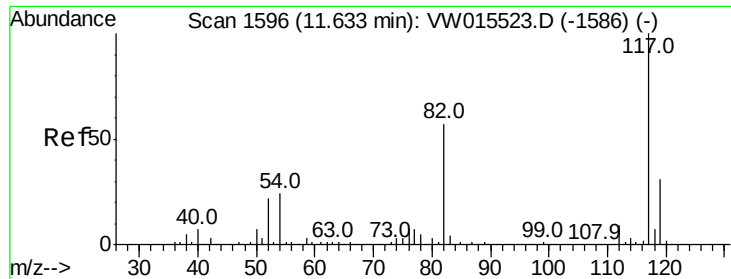


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

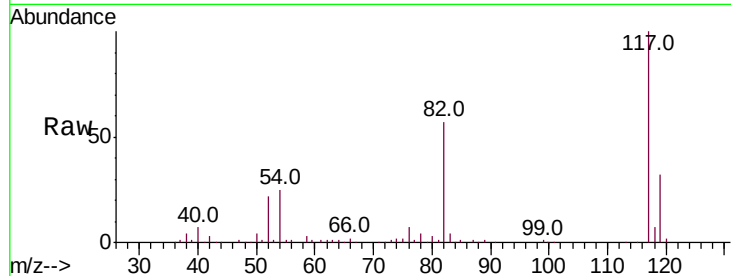




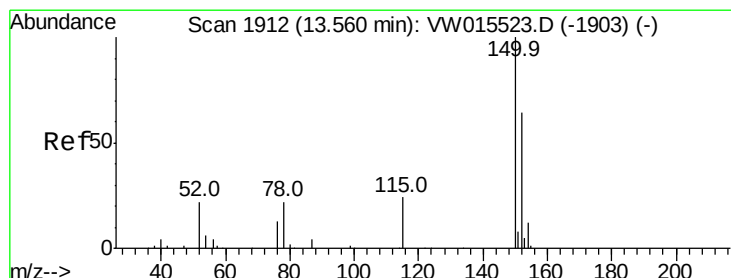
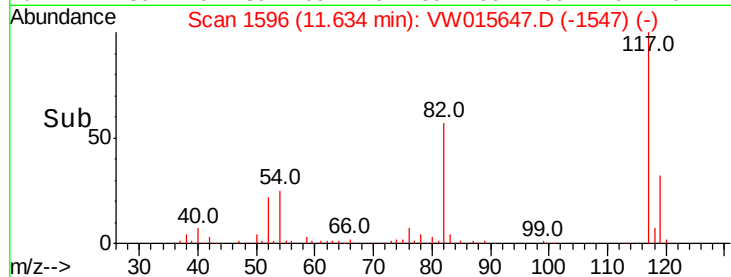
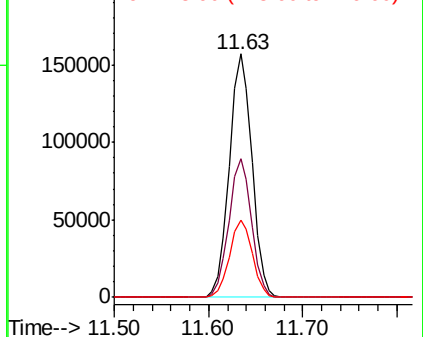
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

Instrument :
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ClientSampleId :
JFK-SB-IB-1.5-2.0

Tot Ion:117 Resp: 262477
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.8
119 31.9 24.7 37.1

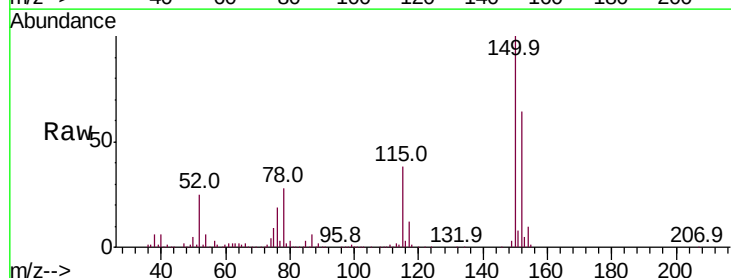


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

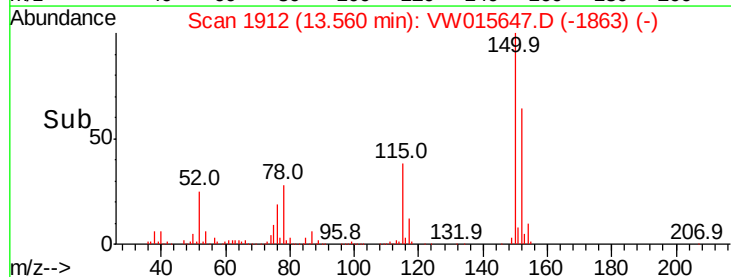
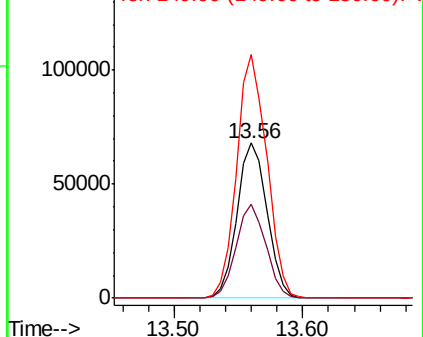


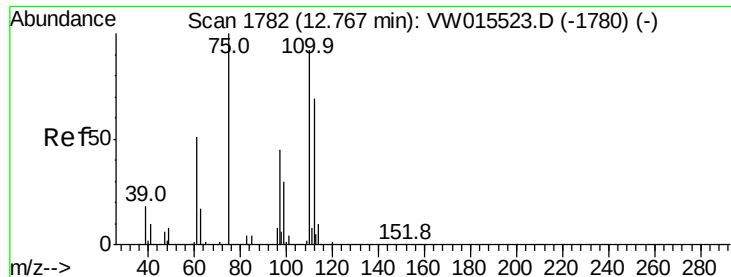
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015647.D
Acq: 22 Jun 2020 14:11

Tgt Ion:152 Resp: 109664
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 157.1 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: 68.161 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

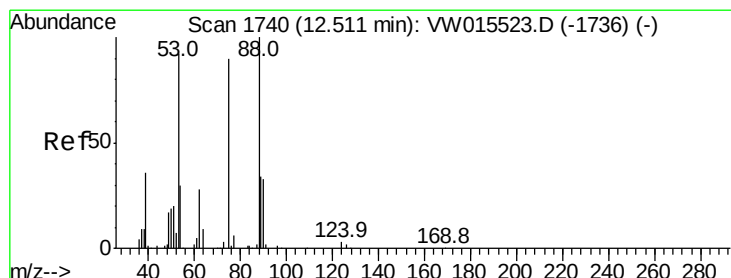
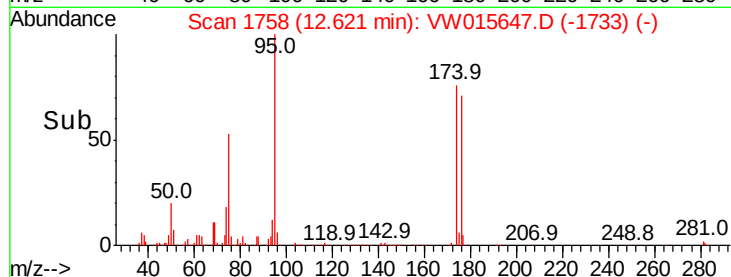
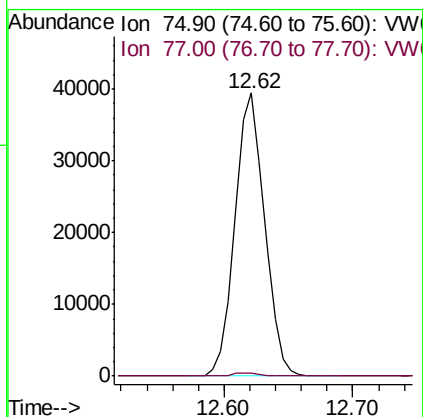
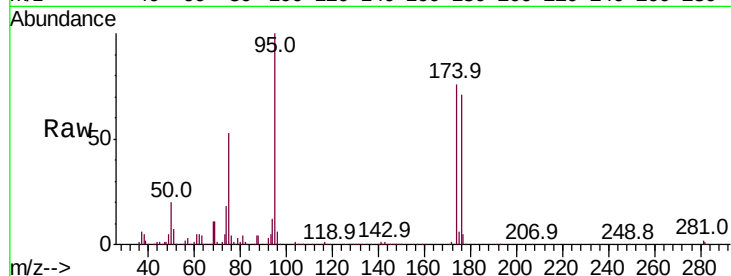
JFK-SB-IB-1.5-2.0

Tot Ion: 75 Resp: 63033

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.818 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015647.D

Acq: 22 Jun 2020 14:11

Tgt Ion: 75 Resp: 63033

Ion Ratio Lower Upper

75 100

53 0.0 84.0 126.0#

89 0.0 36.6 55.0#

