

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062123.D
 Acq On : 25 Jun 2020 20:06
 Operator : JC/MD
 Sample : L3081-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-WC-L-01

Quant Time: Jun 26 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	240894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	439389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160440	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158573	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
35) Dibromofluoromethane	7.55	113	136322	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	10.06	98	539376	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.38	95	181179	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

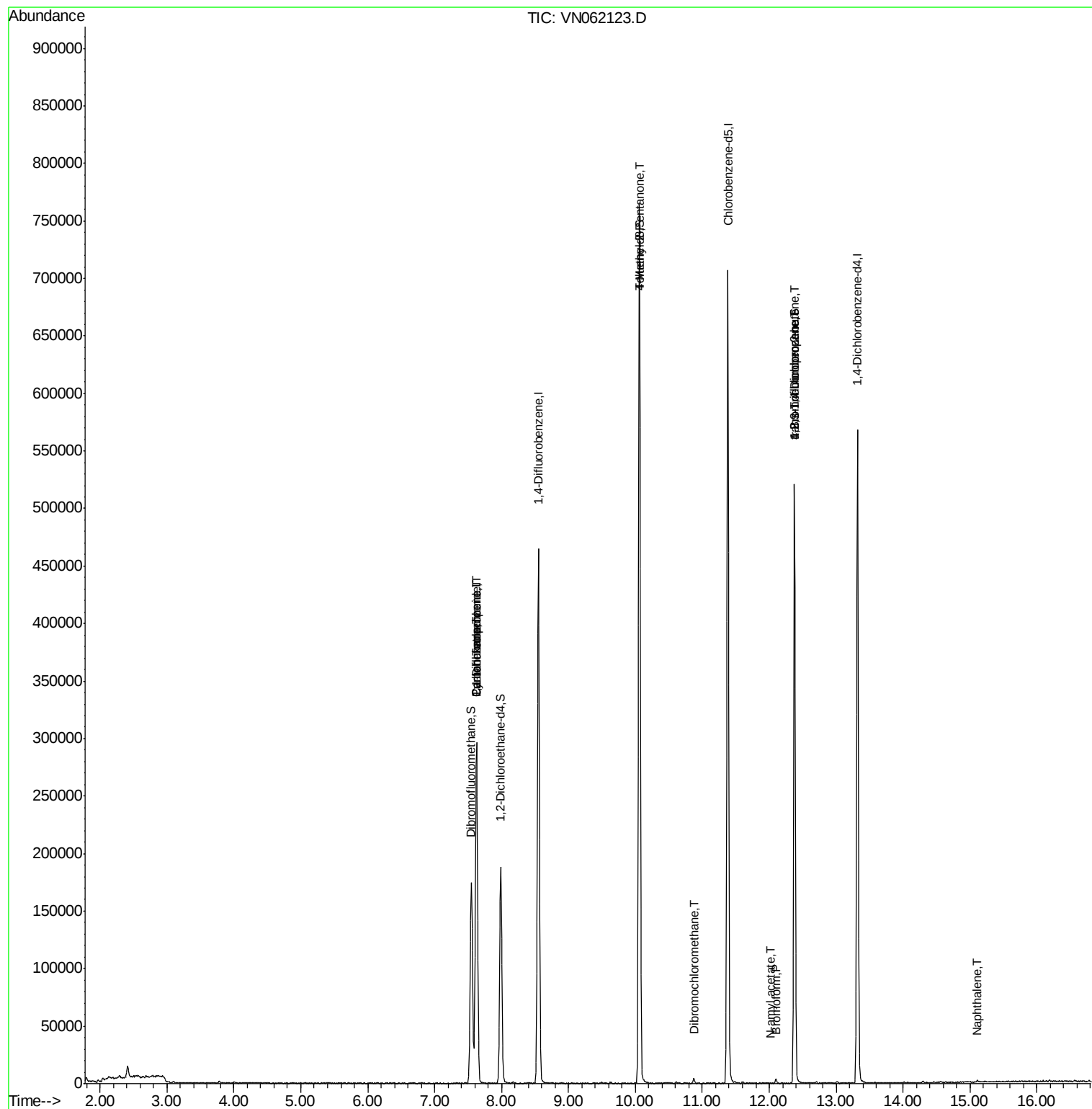
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1474	Below Cal		96
16) Acetone	3.78	43	2582	Below Cal		91
20) Methylene Chloride	4.50	84	174	Below Cal	#	53
31) Cyclohexane	7.63	56	5373	1.150	ug/l #	12
36) 1,1-Dichloropropene	7.62	75	19476	4.410	ug/l #	47
38) Carbon Tetrachloride	7.63	117	24624	5.914	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2222	0.638	ug/l #	1
60) Dibromochloromethane	10.88	129	2570	0.752	ug/l	99
71) Bromoform	12.10	173	1827	0.803	ug/l #	93
74) N-amyl acetate	12.01	43	63	3.356	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	91155	24.135	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	91155	70.483	ug/l #	13
95) Naphthalene	15.11	128	1526	4.178	ug/l #	69

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

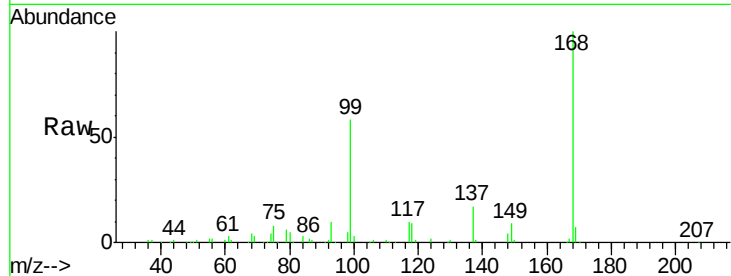
JFK-WC-L-01

Tgt Ion:168 Resp: 240894

Ion Ratio Lower Upper

168 100

99 57.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

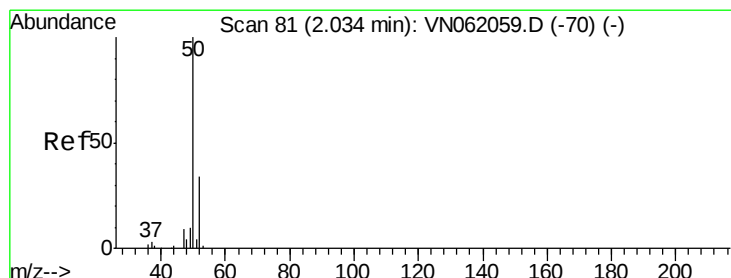
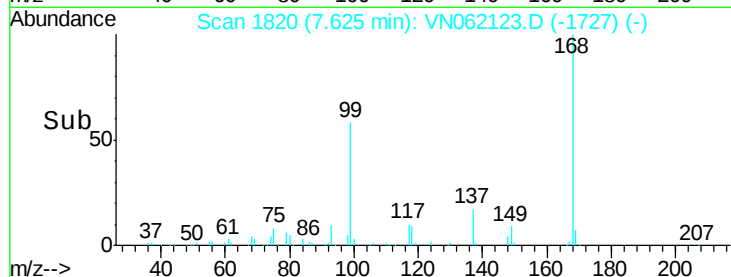
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062123.D

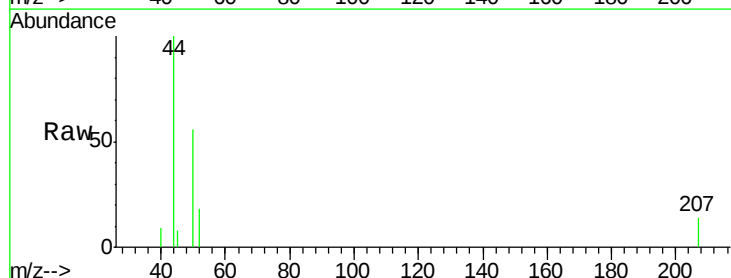
Acq: 25 Jun 2020 20:06

Tgt Ion: 50 Resp: 1474

Ion Ratio Lower Upper

50 100

52 31.5 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1200

1000

800

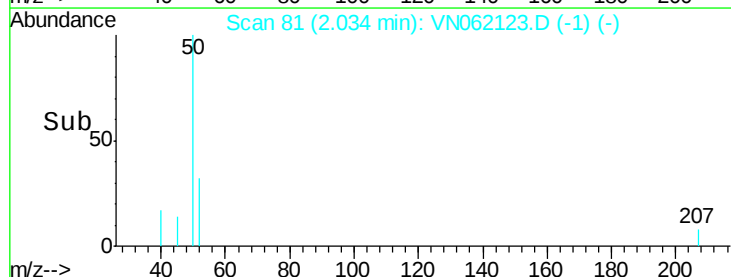
600

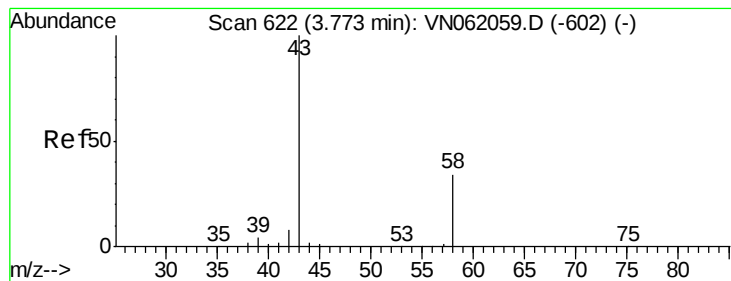
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

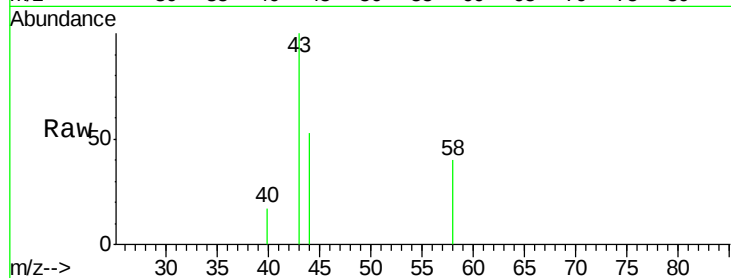
JFK-WC-L-01

Tgt Ion: 43 Resp: 2582

Ion Ratio Lower Upper

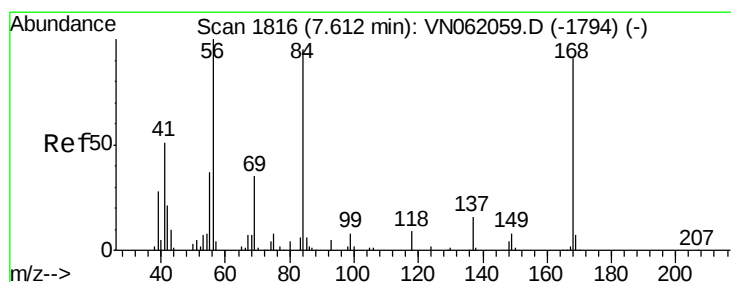
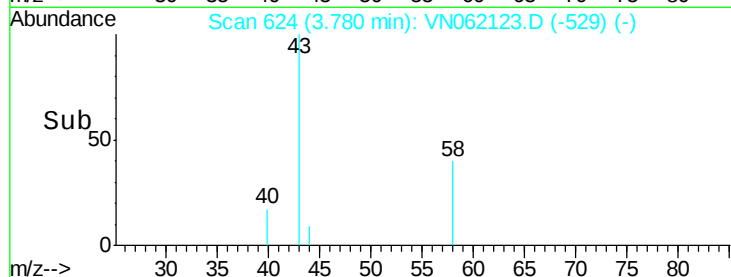
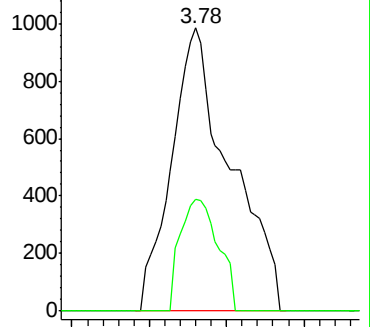
43 100

58 39.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#31

Cyclohexane

Concen: 1.150 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

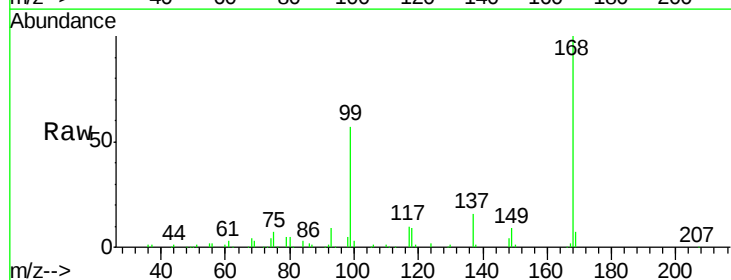
Tgt Ion: 56 Resp: 5373

Ion Ratio Lower Upper

56 100

69 144.5 28.0 42.0#

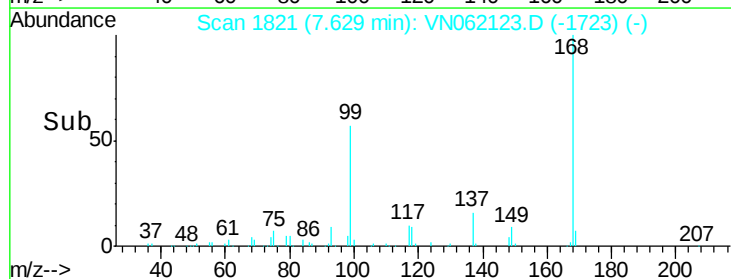
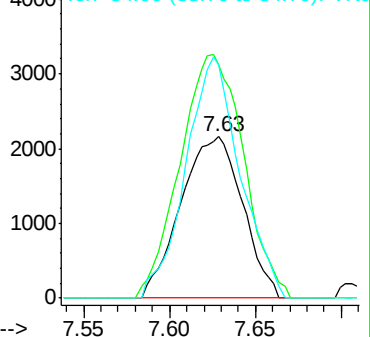
84 145.2 76.1 114.1#

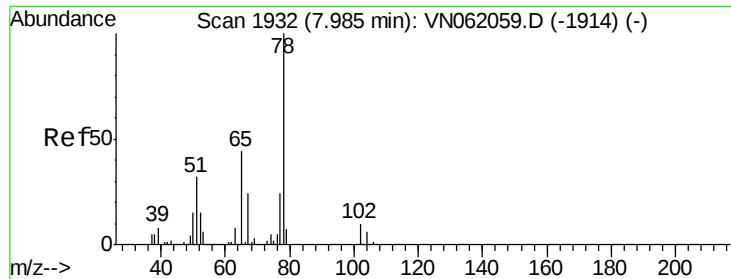


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.907 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

Instrument :

MSVOA_N

ClientSampleId :

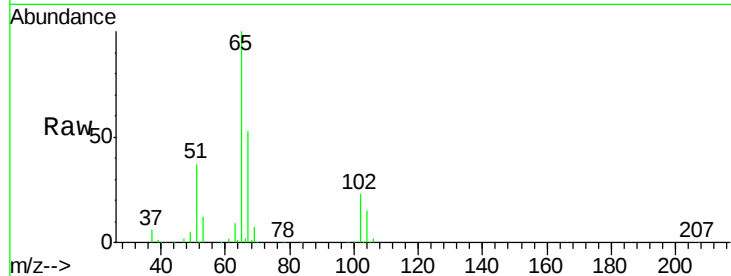
JFK-WC-L-01

Tgt Ion: 65 Resp: 158573

Ion Ratio Lower Upper

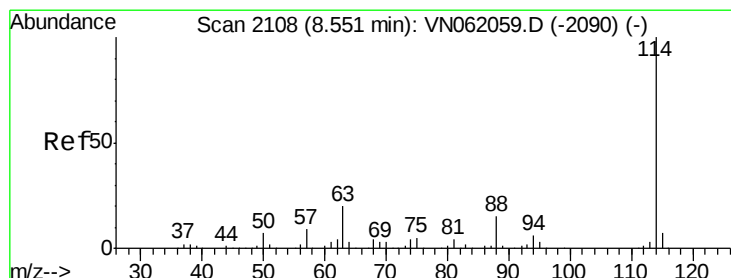
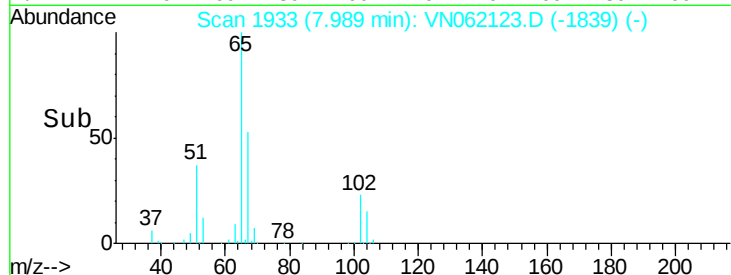
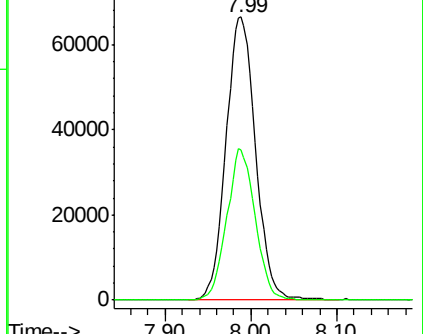
65 100

67 51.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

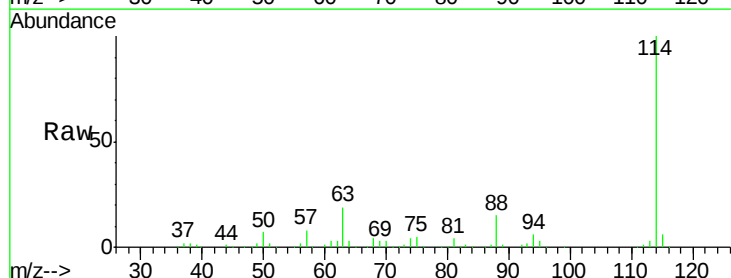
Tgt Ion: 114 Resp: 439389

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

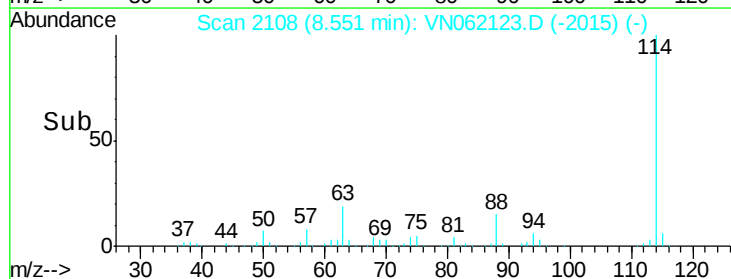
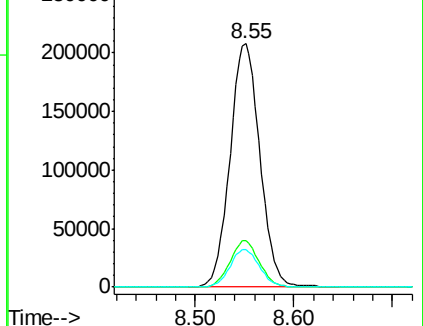
88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

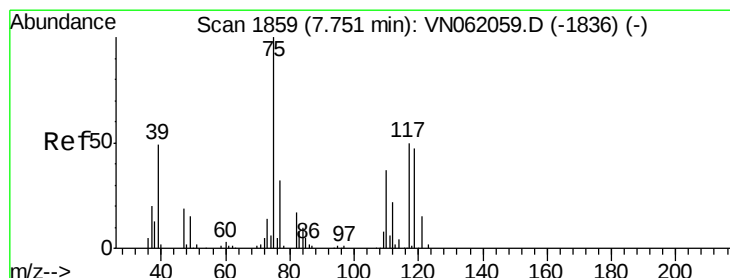
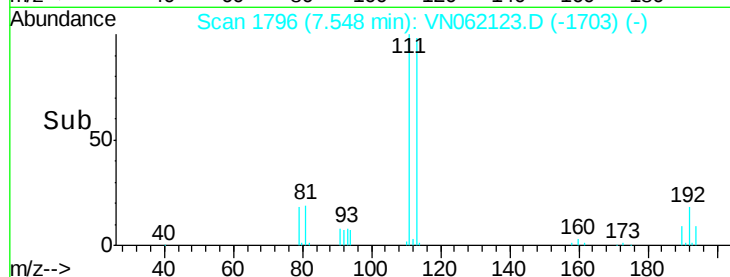
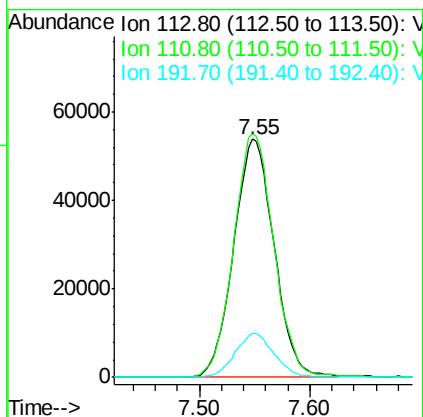
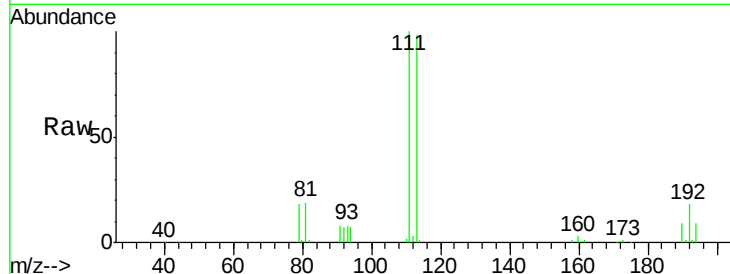




#35
 Dibromofluoromethane
 Concen: 48.360 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062123.D
 Acq: 25 Jun 2020 20:06

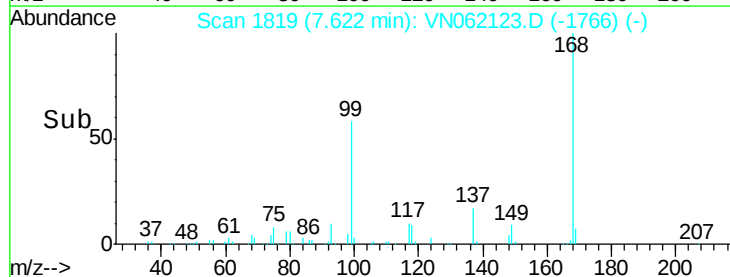
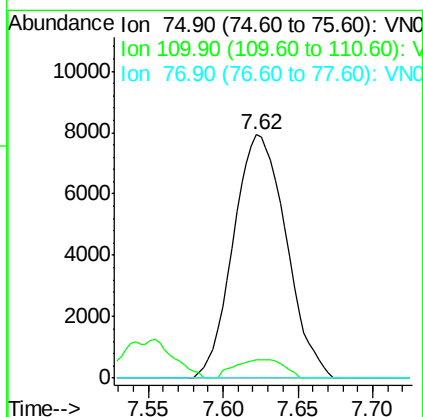
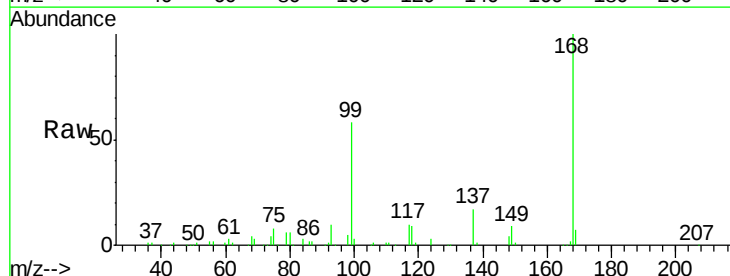
Instrument :
 MSVOA_N
 ClientSampleId :
 JFK-WC-L-01

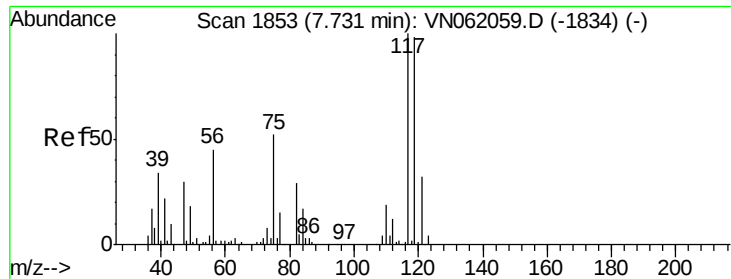
Tgt Ion: 113 Resp: 136322
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 17.8 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 4.410 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062123.D
 Acq: 25 Jun 2020 20:06

Tgt Ion: 75 Resp: 19476
 Ion Ratio Lower Upper
 75 100
 110 7.0 17.9 53.8#
 77 0.0 24.9 37.3#

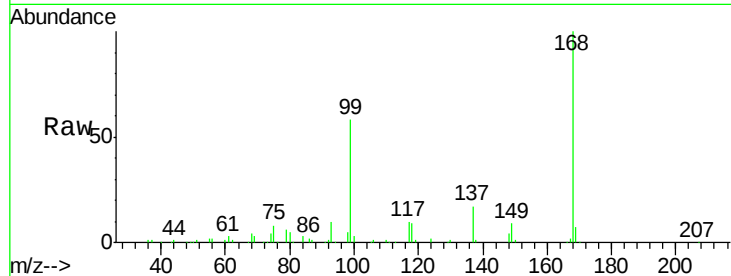




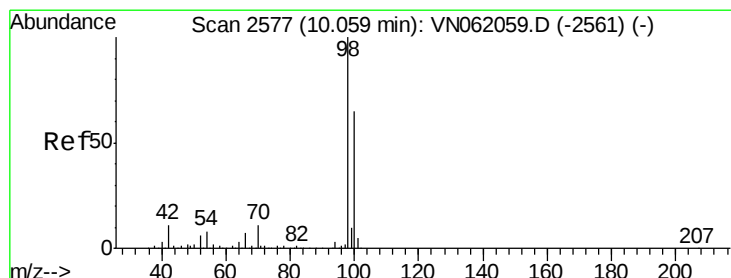
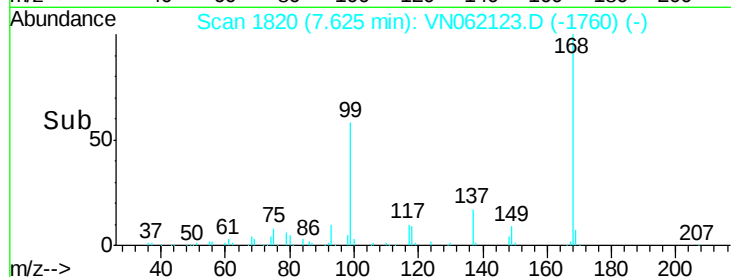
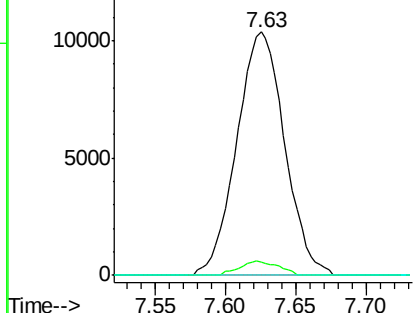
#38
Carbon Tetrachloride
Concen: 5.914 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062123.D
Acq: 25 Jun 2020 20:06

Instrument :
MSVOA_N
ClientSampled :
JFK-WC-L-01

Tgt Ion:117 Resp: 24624
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 25.8 38.6#

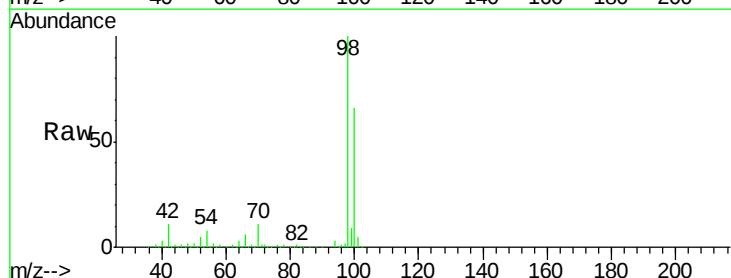


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

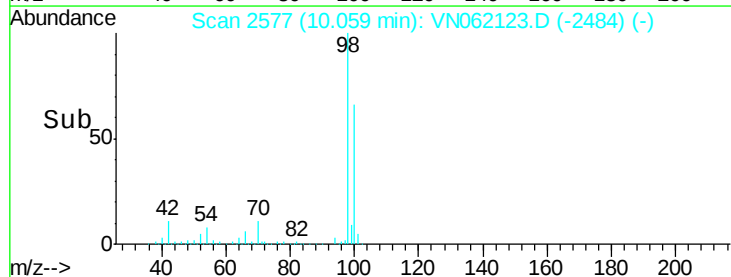
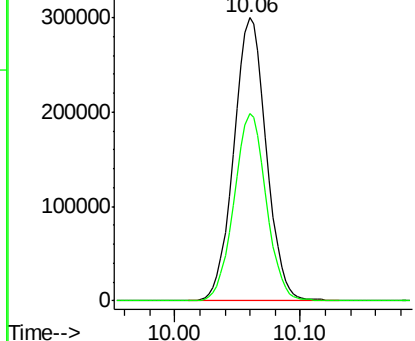


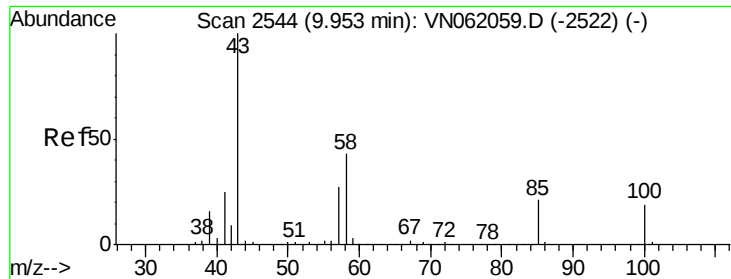
#50
Toluene-d8
Concen: 47.868 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062123.D
Acq: 25 Jun 2020 20:06

Tgt Ion: 98 Resp: 539376
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.638 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

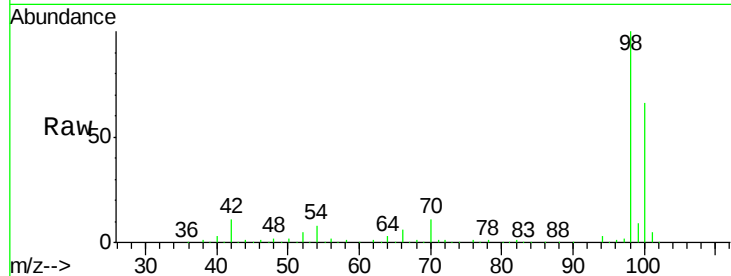
JFK-WC-L-01

Tgt Ion: 43 Resp: 2222

Ion Ratio Lower Upper

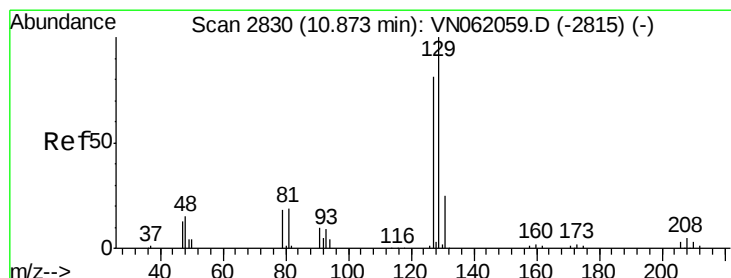
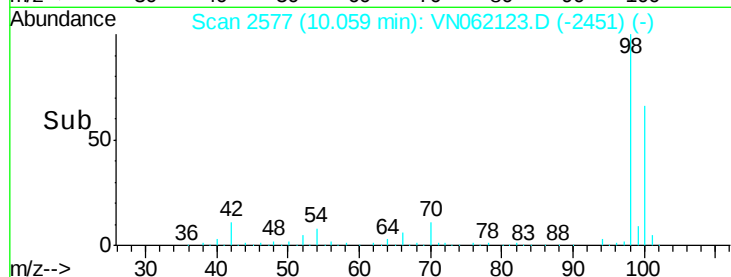
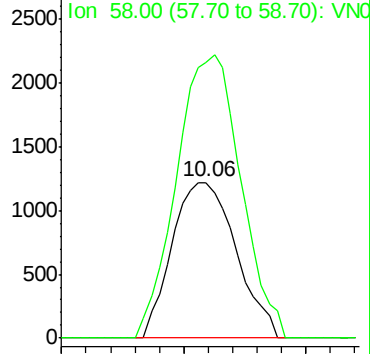
43 100

58 182.8 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)



#60

Dibromochloromethane

Concen: 0.752 ug/l

RT: 10.88 min Scan# 2831

Delta R.T. 0.00 min

Lab File: VN062123.D

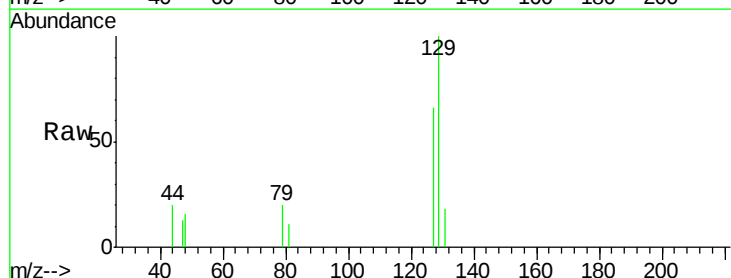
Acq: 25 Jun 2020 20:06

Tgt Ion: 129 Resp: 2570

Ion Ratio Lower Upper

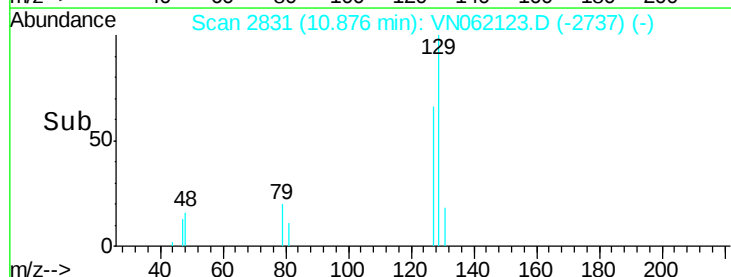
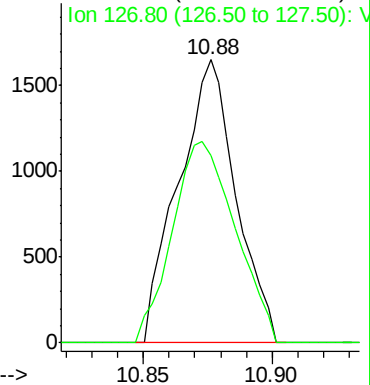
129 100

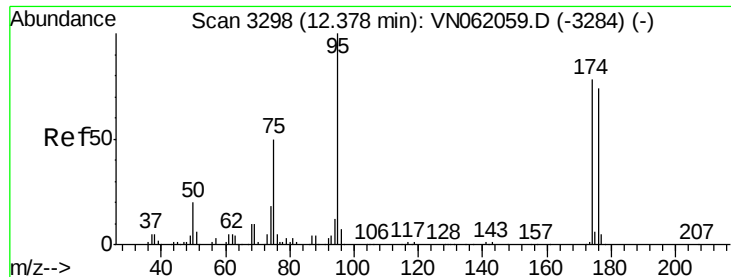
127 77.8 39.5 118.5



Abundance Ion 128.80 (128.50 to 129.50): VN062059.D (-2815) (-)

Ion 126.80 (126.50 to 127.50): VN062059.D (-2815) (-)





#62

4-Bromofluorobenzene

Concen: 47.591 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

JFK-WC-L-01

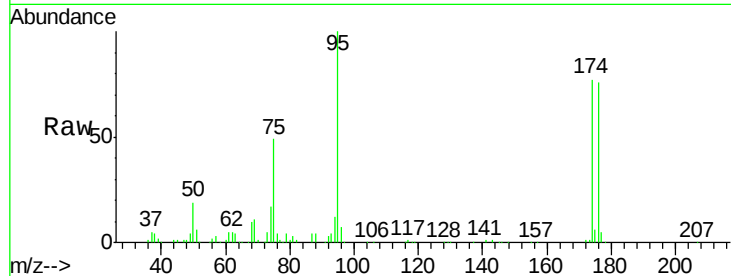
Tgt Ion: 95 Resp: 181179

Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.8

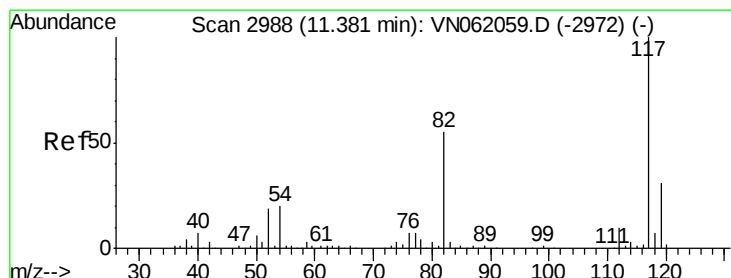
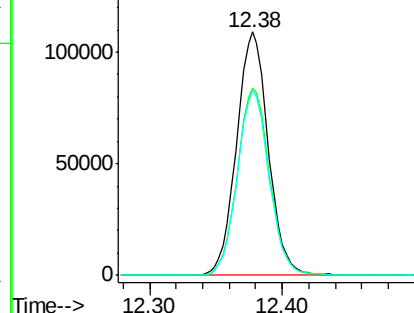
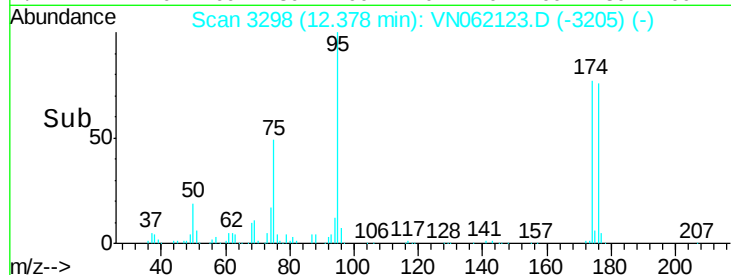
176 76.6 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062123.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062123.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062123.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

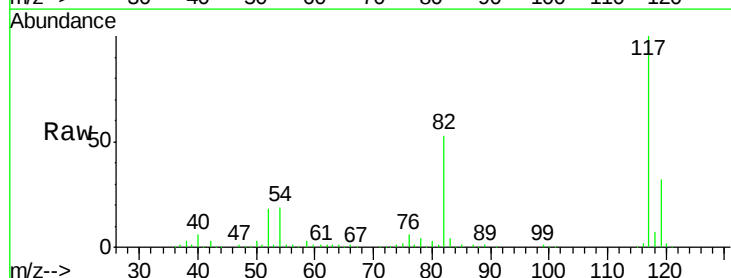
Tgt Ion: 117 Resp: 421248

Ion Ratio Lower Upper

117 100

82 53.2 43.8 65.8

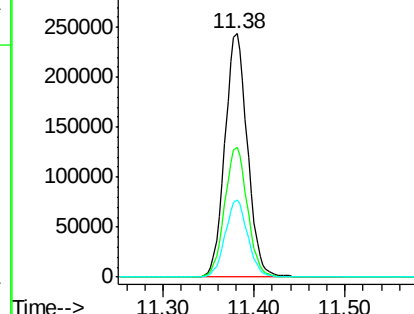
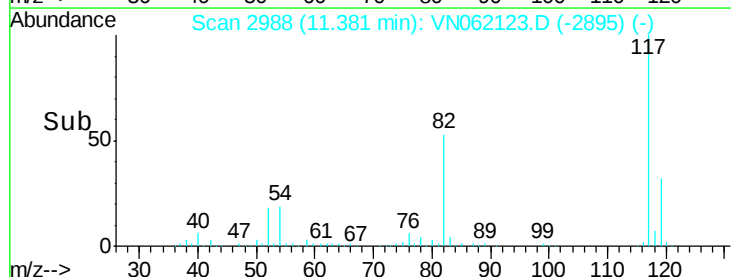
119 31.8 25.2 37.8

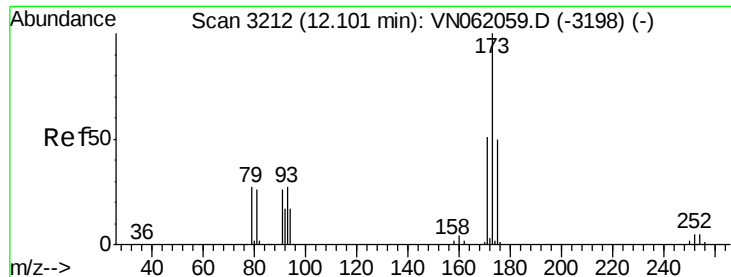


Abundance Ion 116.90 (116.60 to 117.60): VN062123.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062123.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062123.D (-2895) (-)

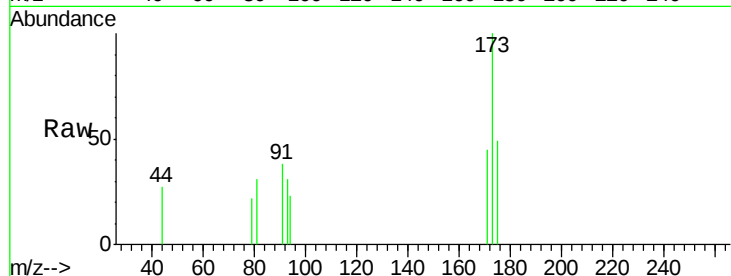




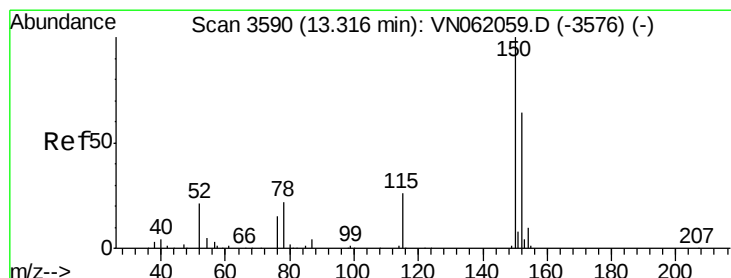
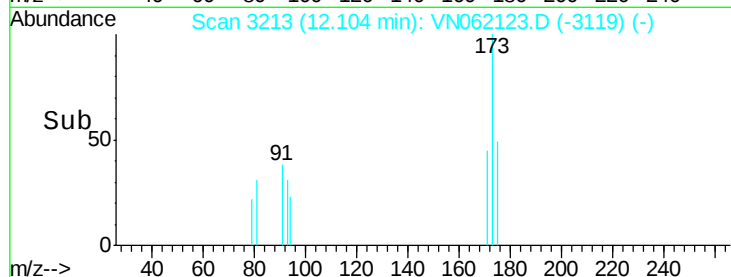
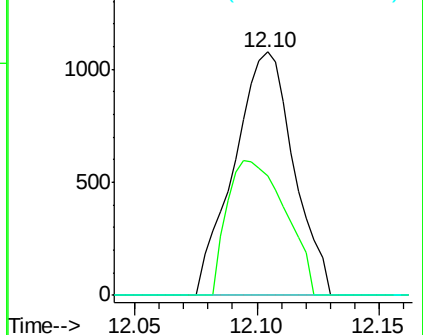
#71
Bromoform
Concen: 0.803 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN062123.D
Acq: 25 Jun 2020 20:06

Instrument :
MSVOA_N
ClientSampled :
JFK-WC-L-01

Tgt Ion:173 Resp: 1827
Ion Ratio Lower Upper
173 100
175 54.2 24.7 74.1
254 0.0 0.0 0.0

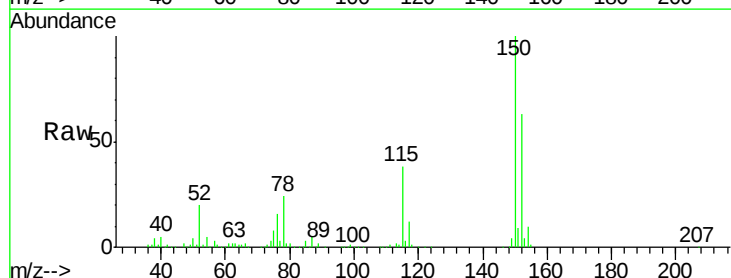


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

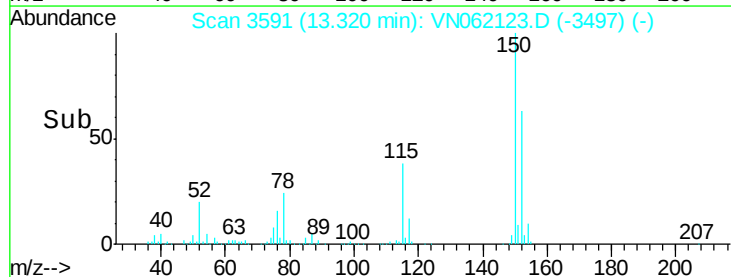
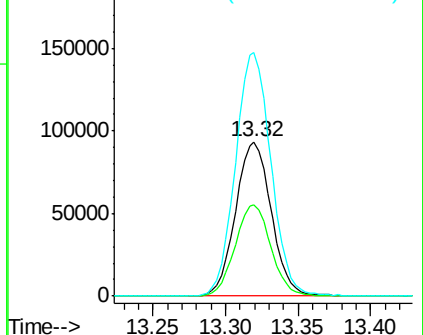


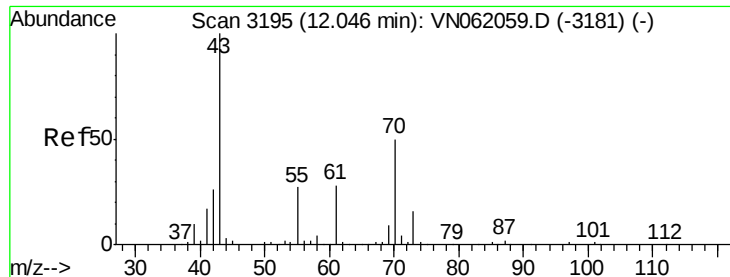
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062123.D
Acq: 25 Jun 2020 20:06

Tgt Ion:152 Resp: 160440
Ion Ratio Lower Upper
152 100
115 59.3 29.5 88.5
150 156.6 0.0 351.4



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

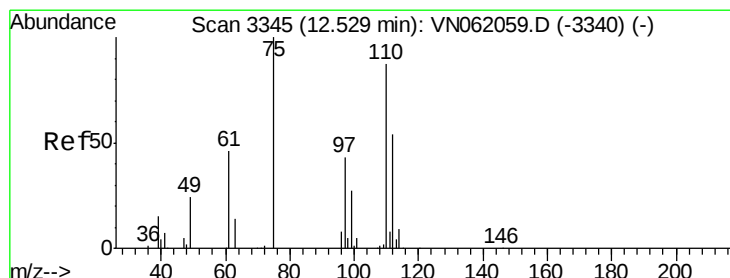
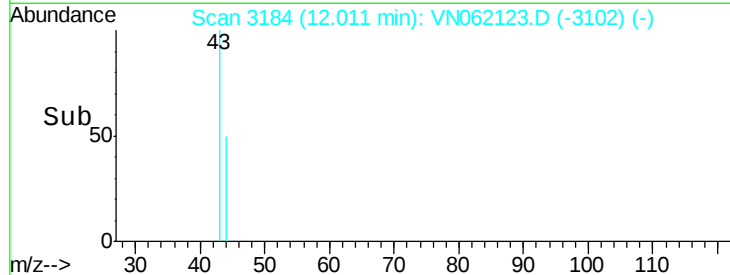
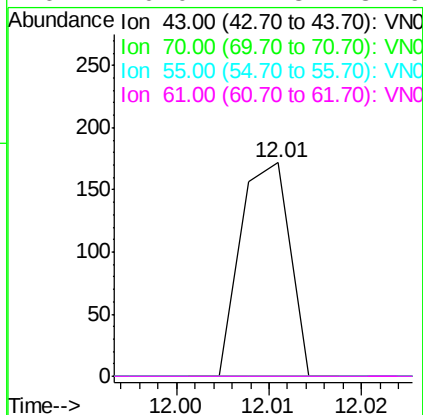
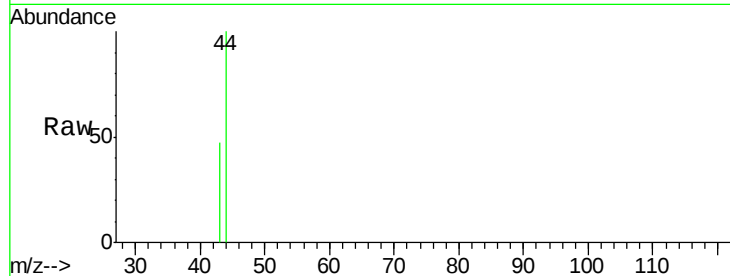




#74
N-ethyl acetate
Concen: 3.356 ug/l
RT: 12.01 min Scan# 3184
Delta R.T. -0.04 min
Lab File: VN062123.D
Acq: 25 Jun 2020 20:06

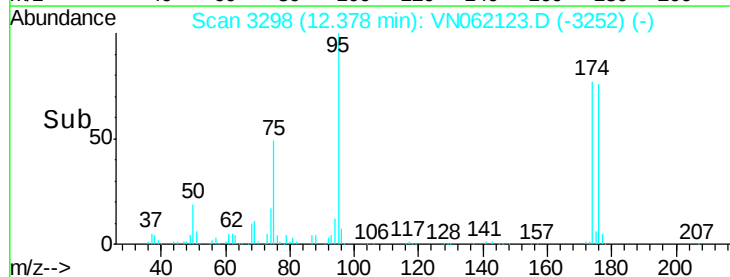
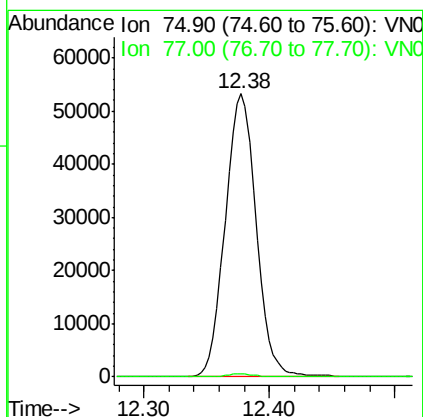
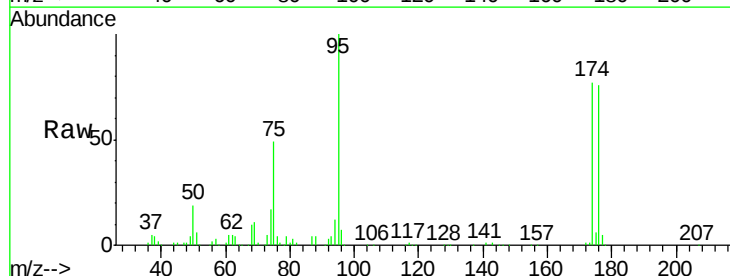
Instrument :
MSVOA_N
ClientSampled :
JFK-WC-L-01

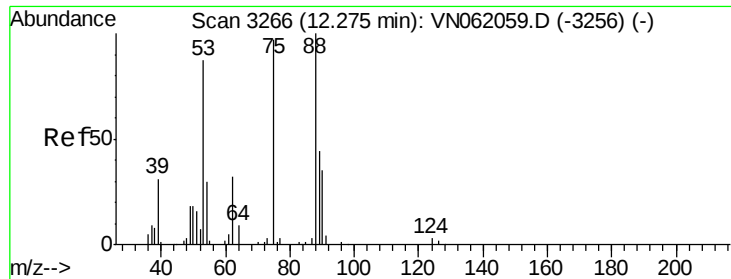
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
70 0.0 39.4 59.2#
55 0.0 21.7 32.5#
61 0.0 21.3 31.9#



#76
1,2,3-Trichloropropane
Concen: 24.135 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN062123.D
Acq: 25 Jun 2020 20:06

Tgt Ion: 75 Resp: 91155
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 70.483 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

Instrument :

MSVOA_N

ClientSampled :

JFK-WC-L-01

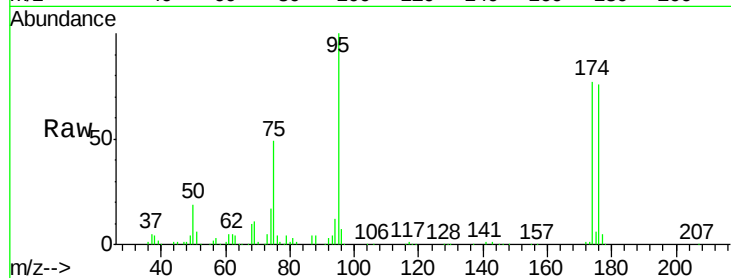
Tgt Ion: 75 Resp: 91155

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

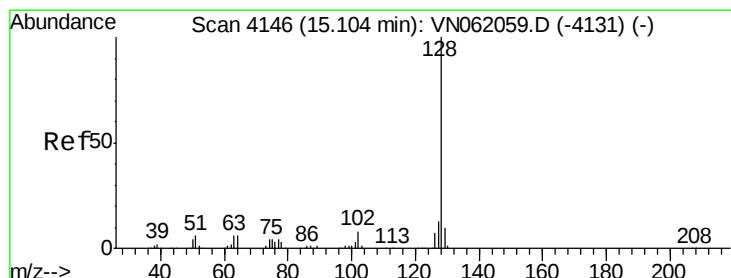
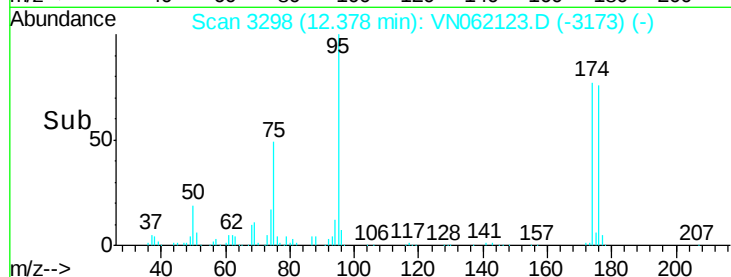
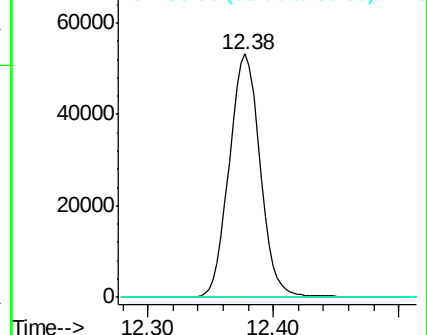
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#95

Naphthalene

Concen: 4.178 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062123.D

Acq: 25 Jun 2020 20:06

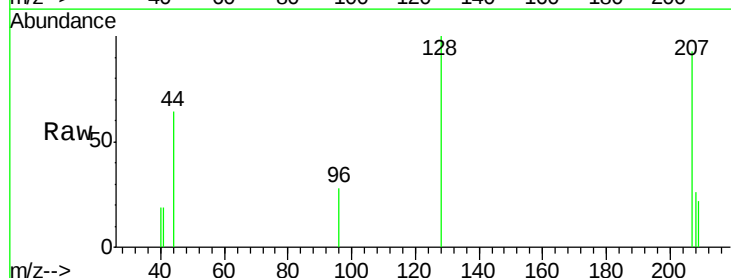
Tgt Ion: 128 Resp: 1526

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

