

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062890.D
 Acq On : 13 Aug 2020 5:33
 Operator : JC/MD
 Sample : L3648-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-1

Quant Time: Aug 13 07:46:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	122766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	217287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80595	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	107292	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.70%		
35) Dibromofluoromethane	7.55	113	74853	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.36%		
50) Toluene-d8	10.06	98	280469	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.20%		
62) 4-Bromofluorobenzene	12.38	95	100672	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.22%		

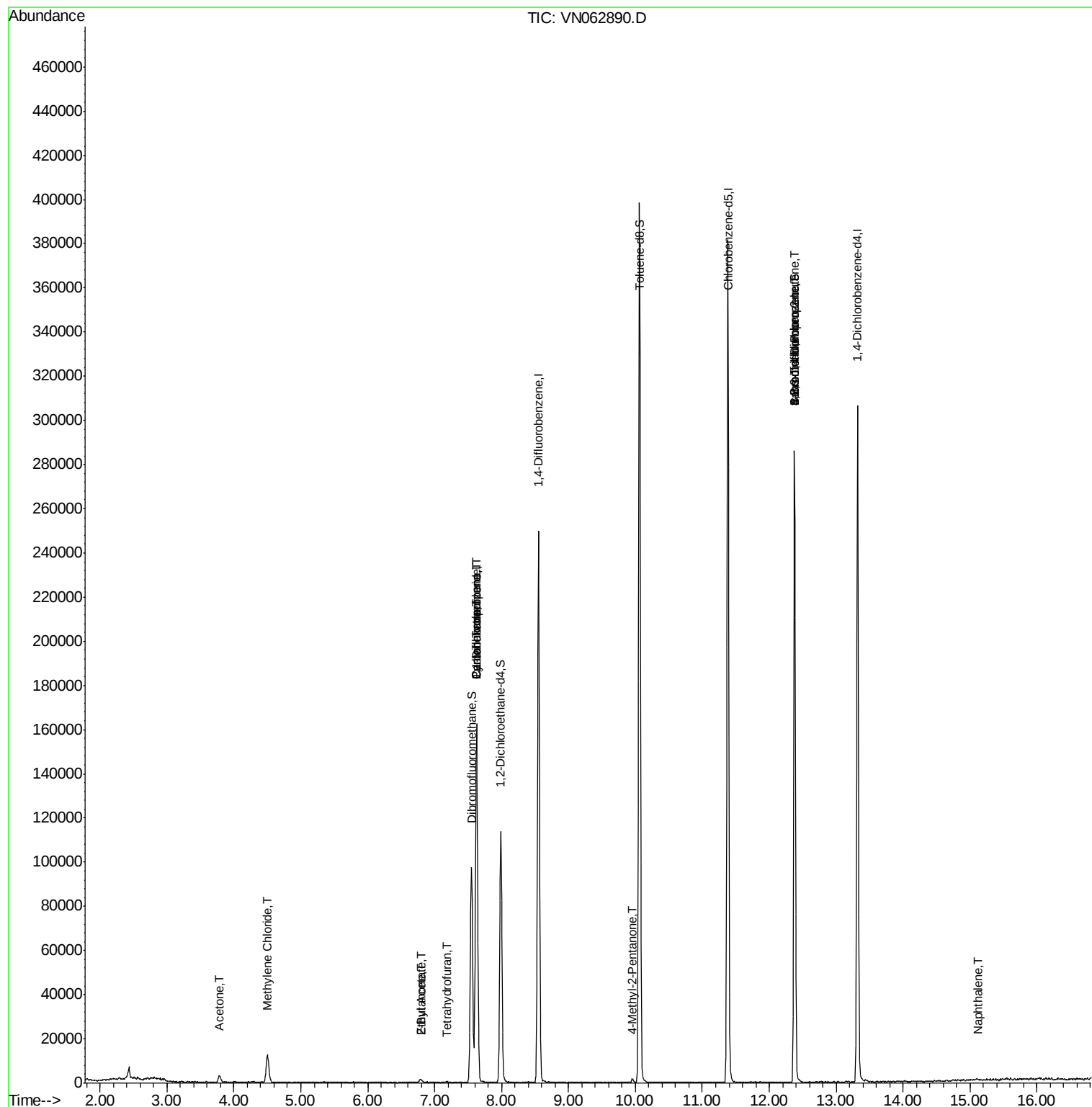
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5661	7.717	ug/l #	85
17) Carbon Disulfide	4.00	76	62	Below Cal	#	74
18) Methyl Acetate	4.29	43	712	Below Cal	#	52
20) Methylene Chloride	4.50	84	9828	6.662	ug/l	86
25) 2-Butanone	6.80	43	1501	1.445	ug/l #	49
29) Tetrahydrofuran	7.18	42	405	0.600	ug/l #	52
31) Cyclohexane	7.62	56	2805	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	10206	4.951	ug/l #	52
37) Ethyl Acetate	6.80	43	1501	0.697	ug/l #	67
38) Carbon Tetrachloride	7.62	117	13456	5.519	ug/l #	14
51) 4-Methyl-2-Pentanone	9.95	43	1749	0.753	ug/l #	66
71) Bromoform	12.38	173	631	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	54506	25.077	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54506	76.553	ug/l #	10
95) Naphthalene	15.12	128	531	3.841	ug/l #	68

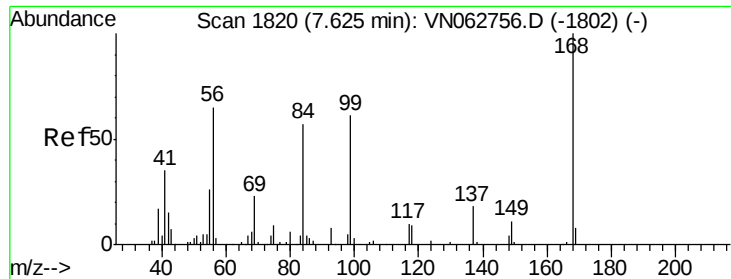
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062890.D
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062890.D

Acq: 13 Aug 2020 5:33

Instrument :

MSVOA_N

ClientSampled :

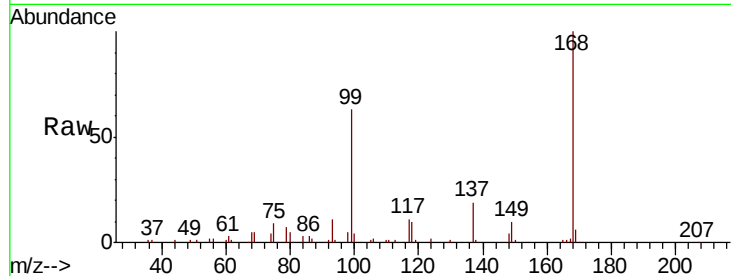
BS-STOCK-1

Tot Ion:168 Resp: 122766

Ion Ratio Lower Upper

168 100

99 63.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062890.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062890.D (-1727) (-)

7.63

60000

50000

40000

30000

20000

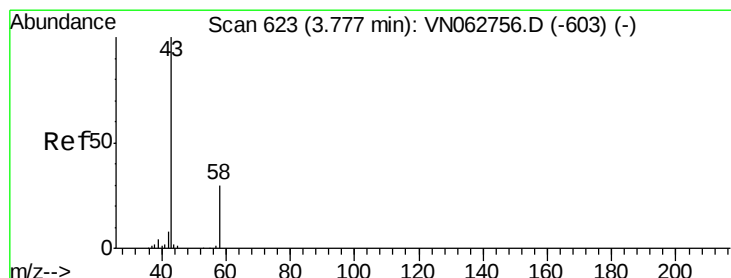
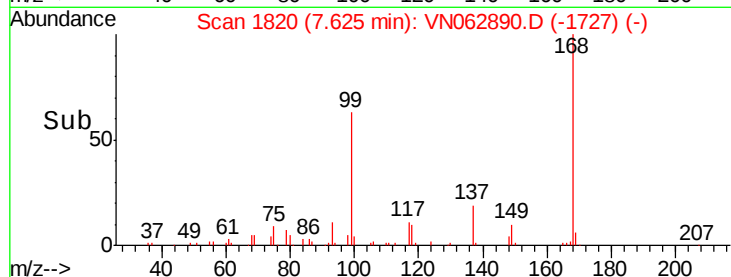
10000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 7.717 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062890.D

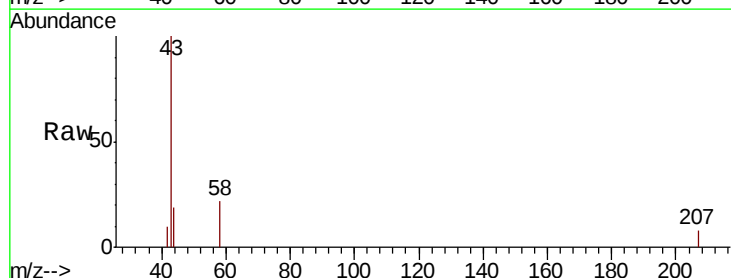
Acq: 13 Aug 2020 5:33

Tgt Ion: 43 Resp: 5661

Ion Ratio Lower Upper

43 100

58 22.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN062890.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062890.D (-530) (-)

3.78

2500

2000

1500

1000

500

0

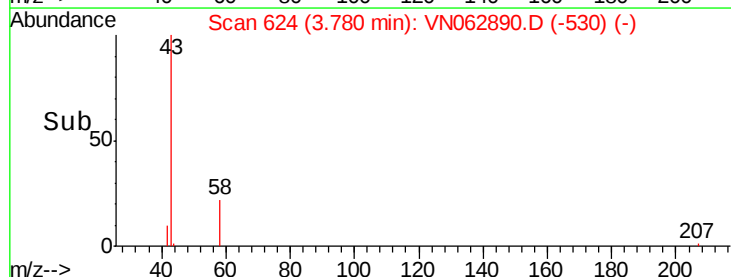
Time-->

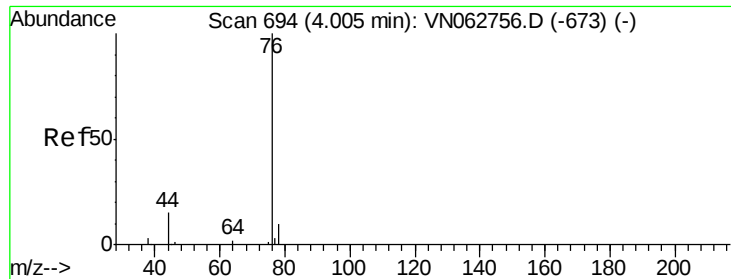
3.70

3.75

3.80

3.85





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

Instrument :

MSVOA_N

ClientSampled :

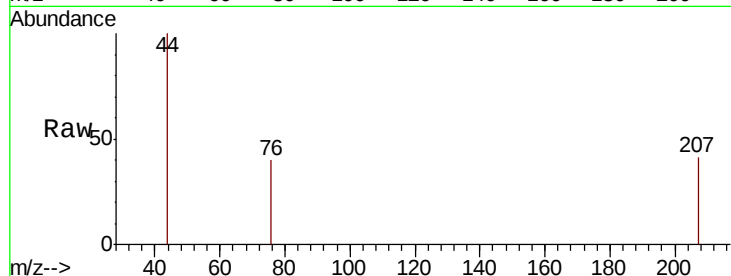
BS-STOCK-1

Tot Ion: 76 Resp: 62

Ion Ratio Lower Upper

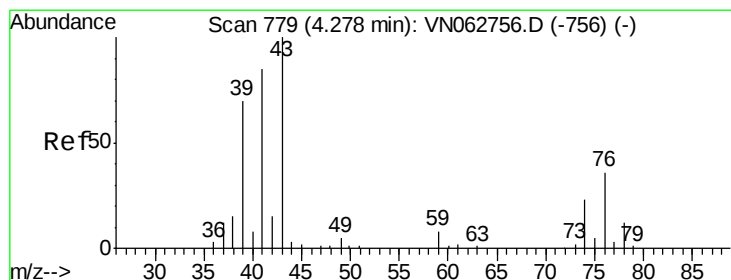
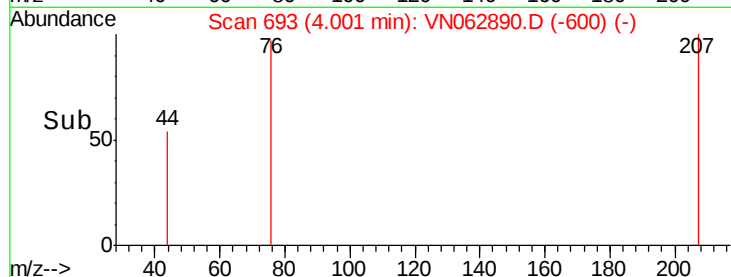
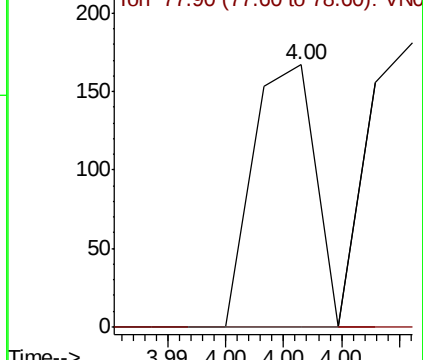
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.29 min Scan# 784

Delta R.T. 0.02 min

Lab File: VN062890.D

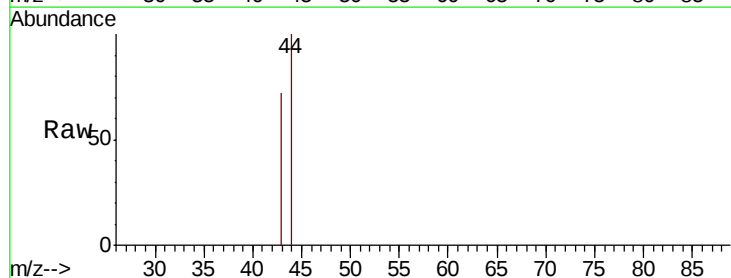
Acq: 13 Aug 2020 5:33

Tgt Ion: 43 Resp: 712

Ion Ratio Lower Upper

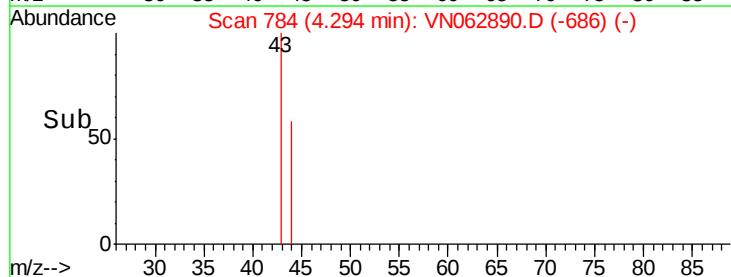
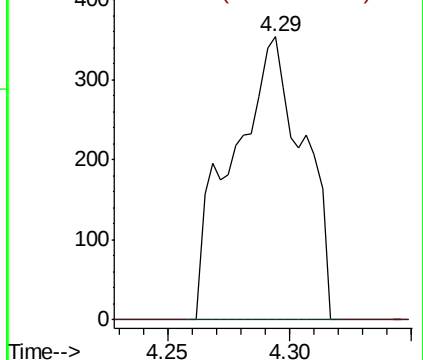
43 100

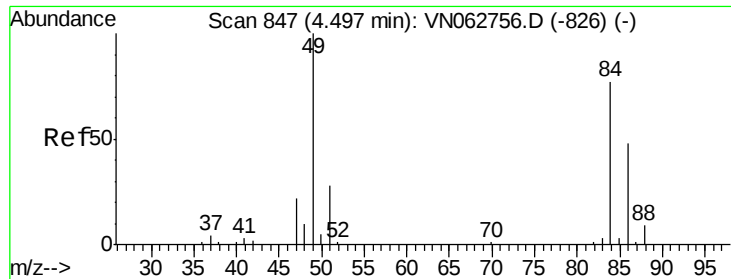
74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

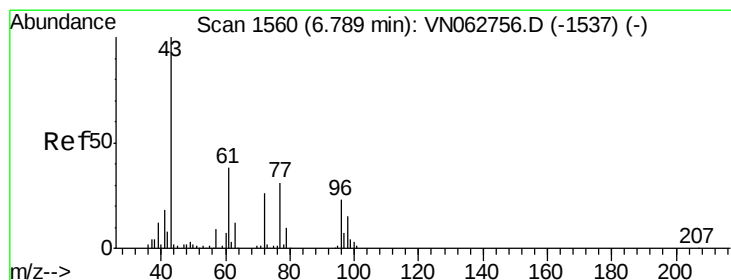
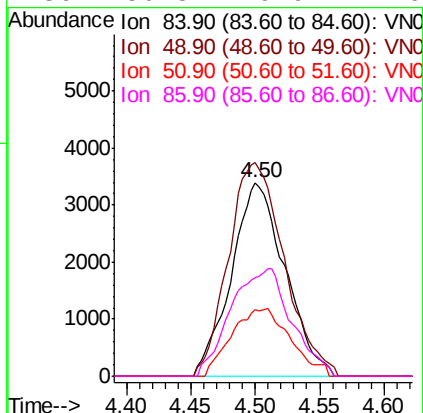
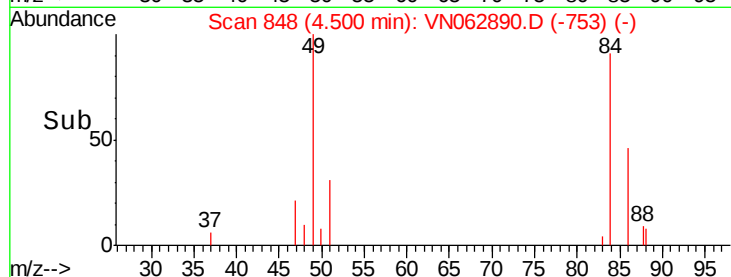
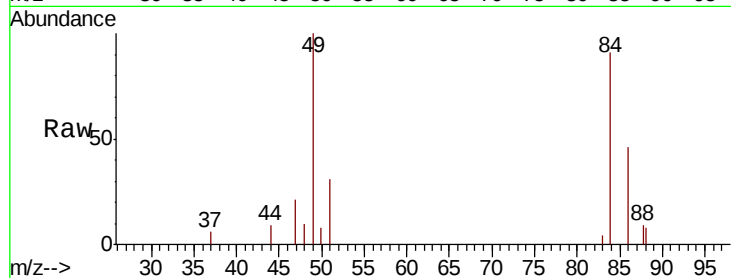




#20
Methvlene Chloride
Concen: 6.662 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

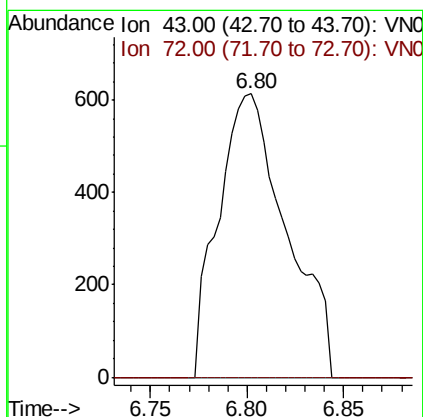
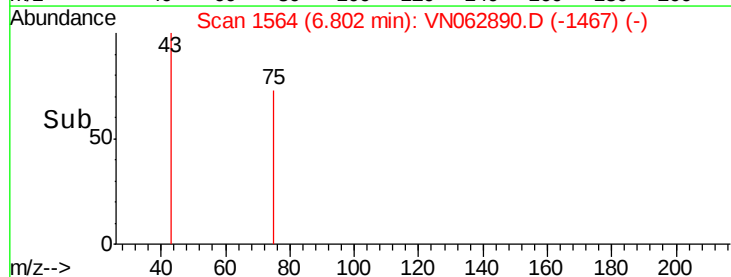
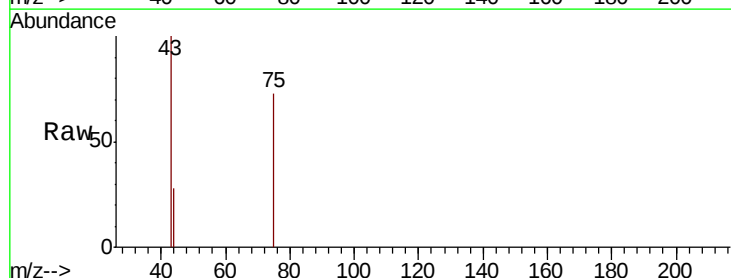
Instrument :
MSVOA_N
ClientSampled :
BS-STOCK-1

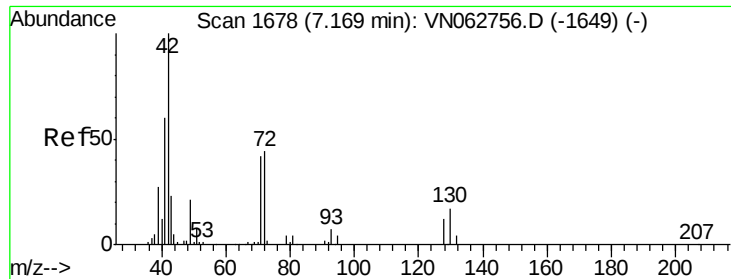
Tot Ion: 84 Resp: 9828
Ion Ratio Lower Upper
84 100
49 110.5 103.4 155.2
51 34.4 29.3 43.9
86 50.8 49.9 74.9



#25
2-Butanone
Concen: 1.445 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

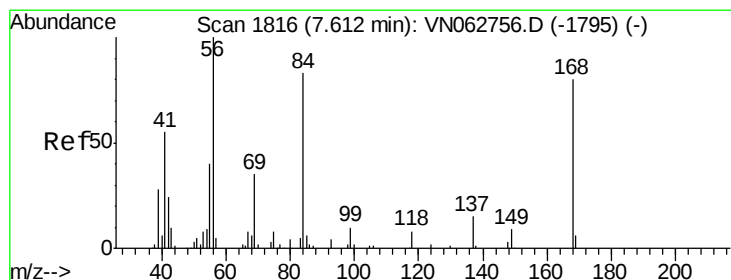
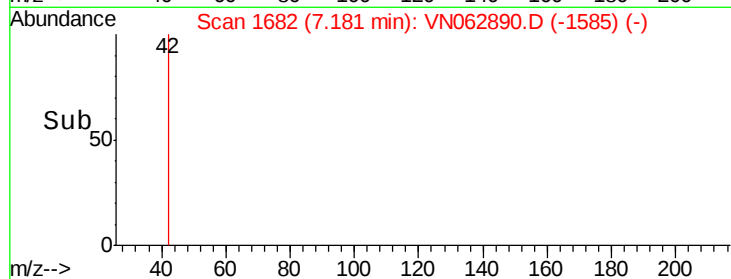
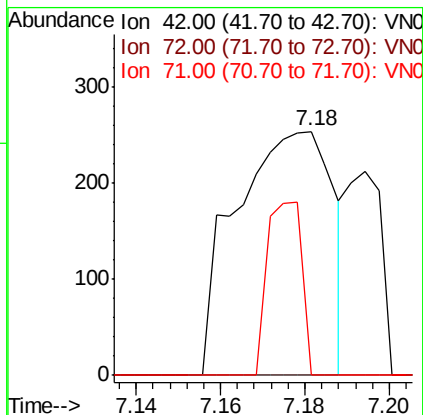
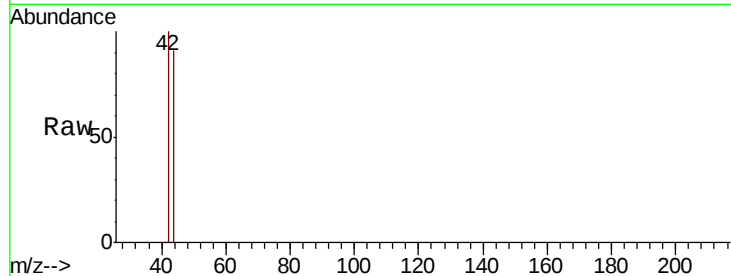




#29
Tetrahydrofuran
Concen: 0.600 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

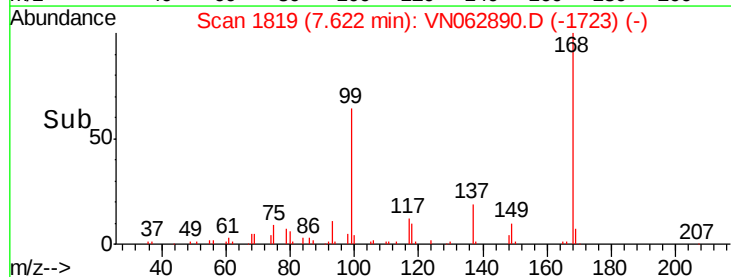
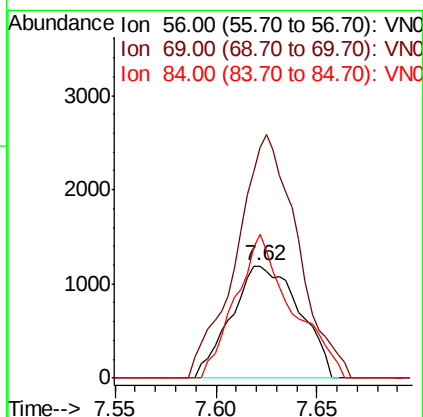
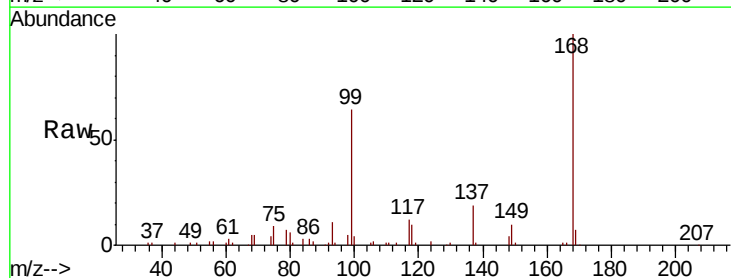
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MSVOA_N
ClientSampleId :
BS-STOCK-1

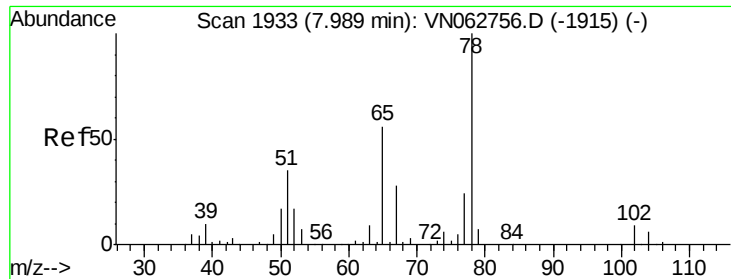
Tot Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 24.9 33.2 49.8#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

Tgt Ion: 56 Resp: 2805
Ion Ratio Lower Upper
56 100
69 206.1 28.1 42.1#
84 128.6 66.8 100.2#

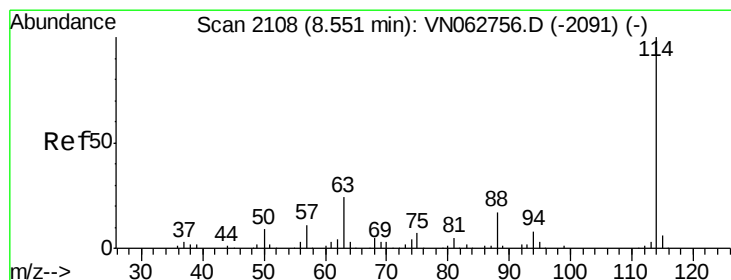
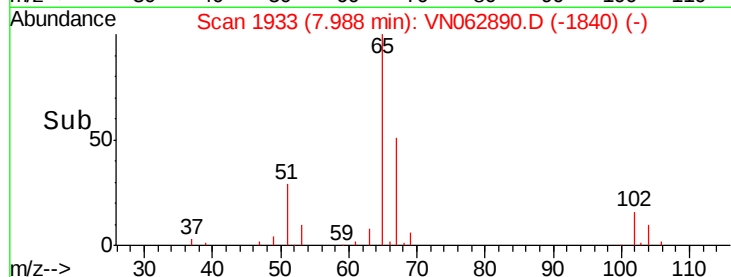
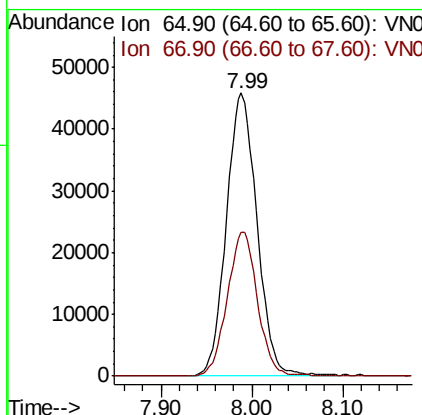
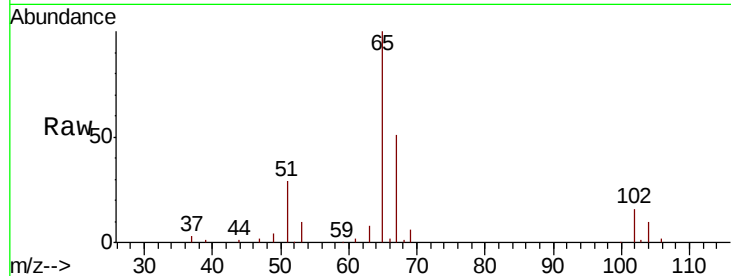




#33
 1,2-Dichloroethane-d4
 Concen: 52.849 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062890.D
 Acq: 13 Aug 2020 5:33

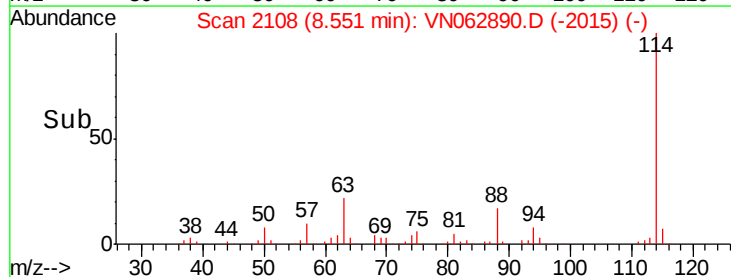
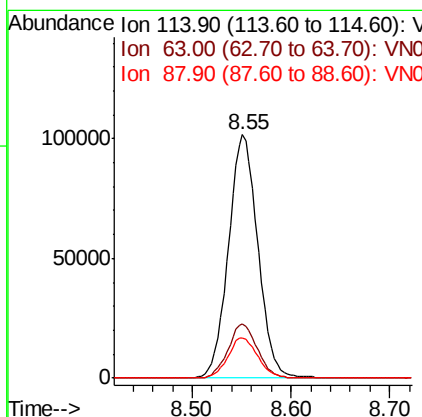
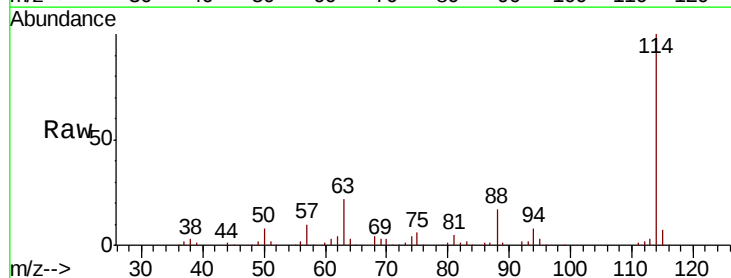
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 MSVOA_N
 ClientSampled :
 BS-STOCK-1

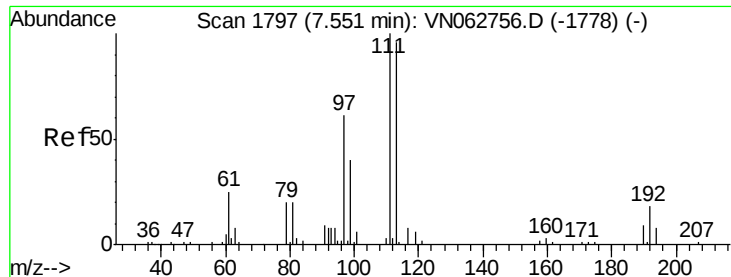
Tot Ion: 65 Resp: 107292
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062890.D
 Acq: 13 Aug 2020 5:33

Tgt Ion: 114 Resp: 211724
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 16.6 0.0 34.4

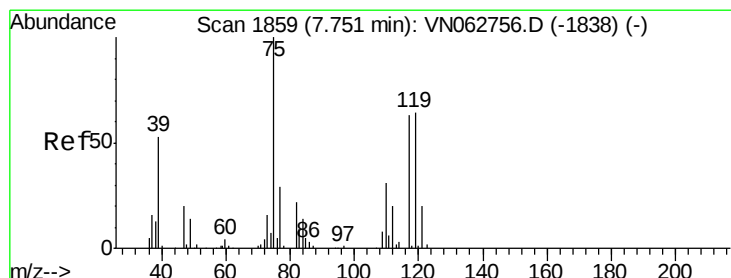
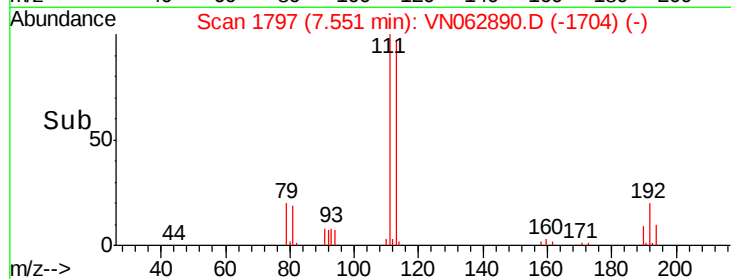
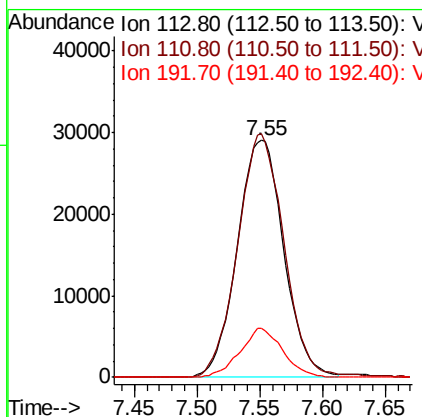
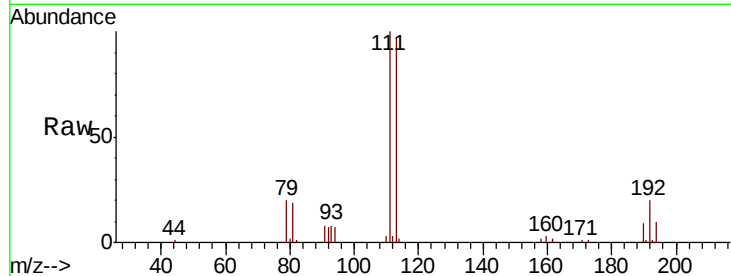




#35
 Dibromofluoromethane
 Concen: 51.683 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062890.D
 Acq: 13 Aug 2020 5:33

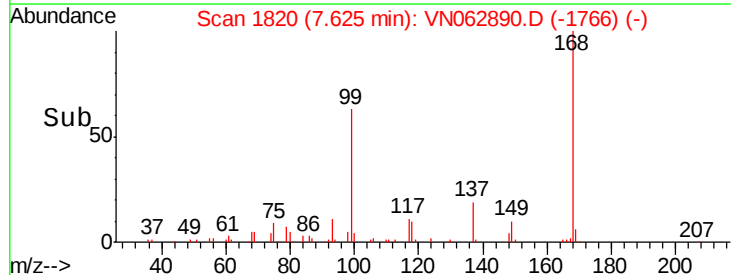
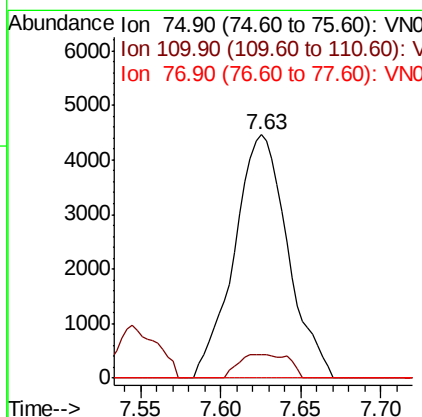
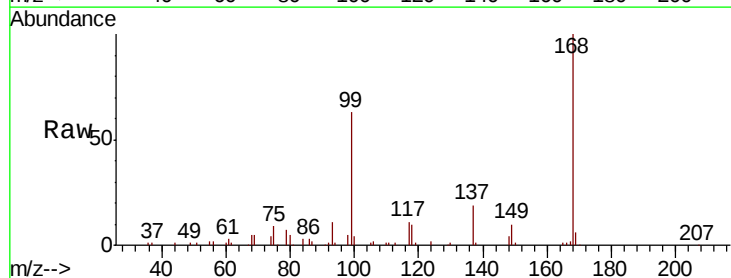
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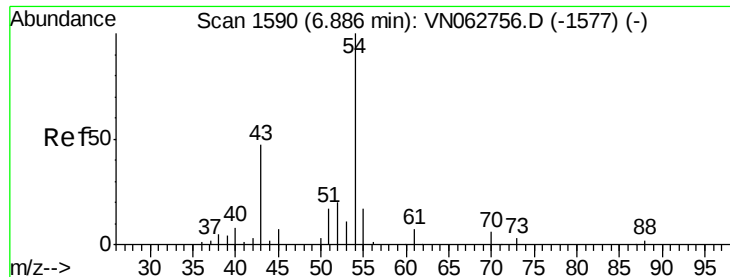
Tot Ion:113 Resp: 74853
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 18.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.951 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062890.D
 Acq: 13 Aug 2020 5:33

Tgt Ion: 75 Resp: 10206
 Ion Ratio Lower Upper
 75 100
 110 9.1 15.6 46.7#
 77 0.0 24.1 36.1#

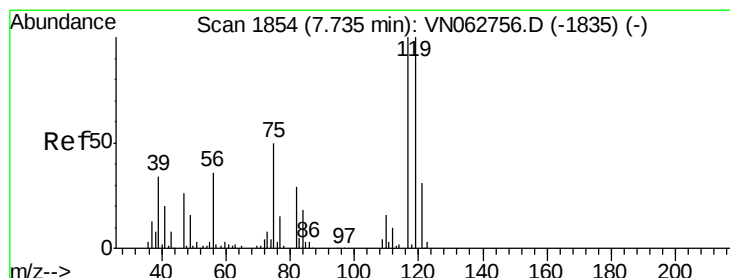
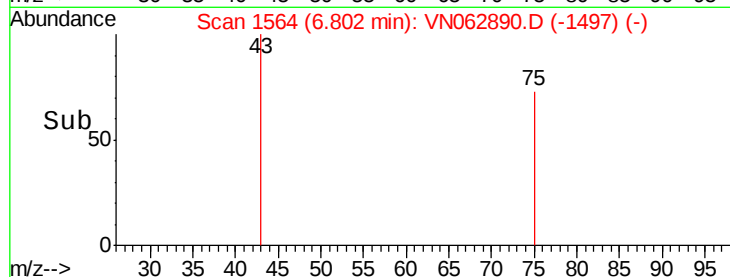
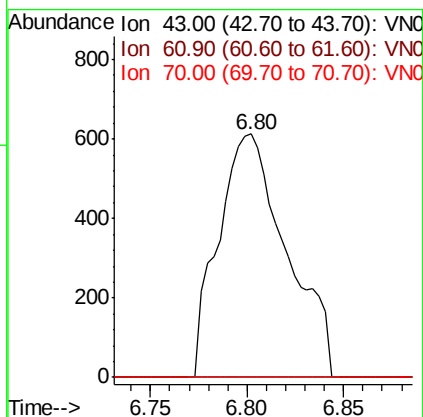
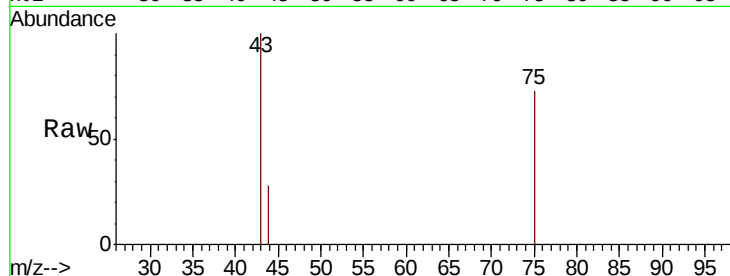




#37
Ethyl Acetate
Concen: 0.697 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.08 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

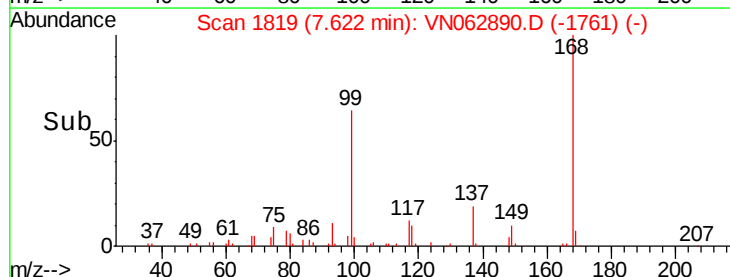
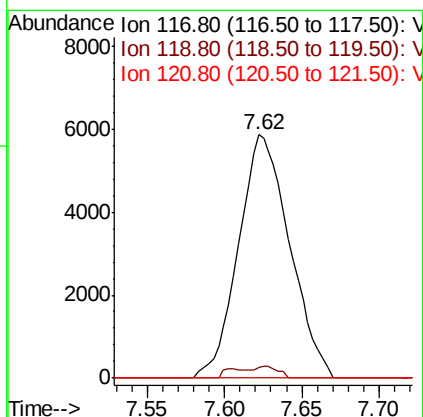
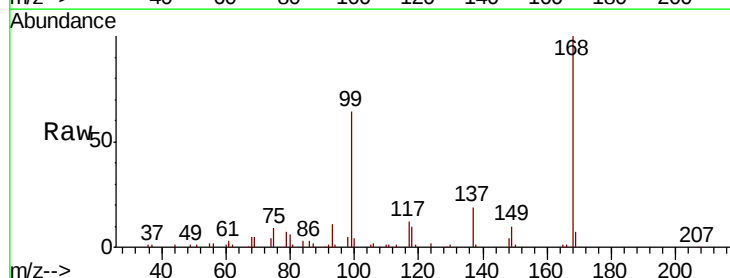
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-1

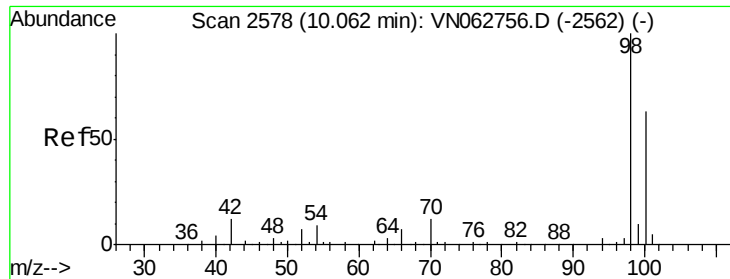
Tot Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

Tgt Ion: 117 Resp: 13456
Ion Ratio Lower Upper
117 100
119 4.4 79.4 119.2#
121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 49.603 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

Instrument :

MSVOA_N

ClientSampled :

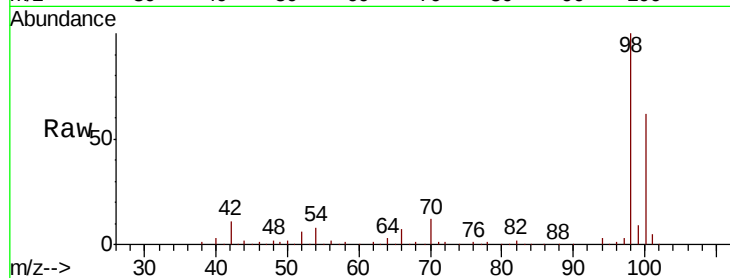
BS-STOCK-1

Tot Ion: 98 Resp: 280469

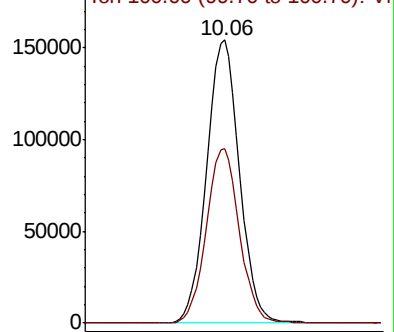
Ion Ratio Lower Upper

98 100

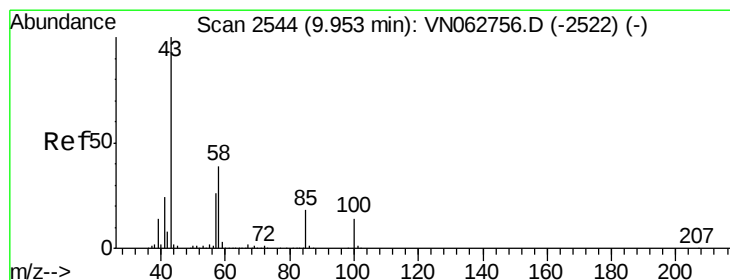
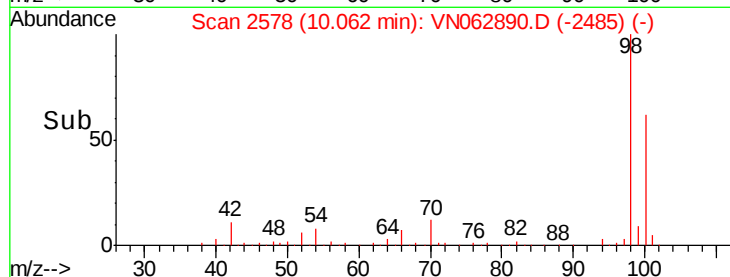
100 62.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.753 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062890.D

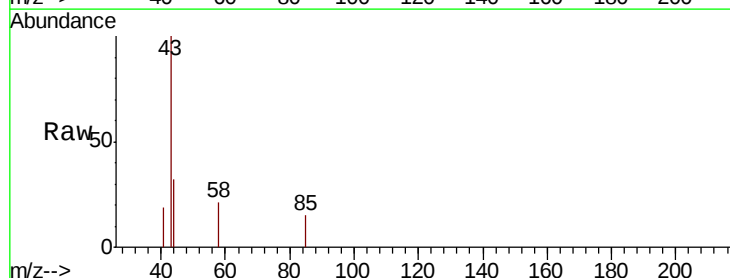
Acq: 13 Aug 2020 5:33

Tgt Ion: 43 Resp: 1749

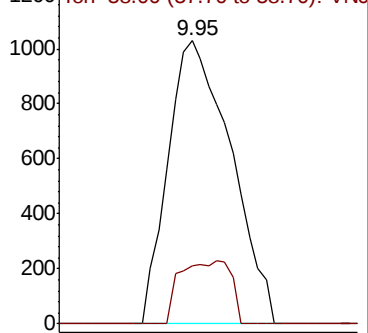
Ion Ratio Lower Upper

43 100

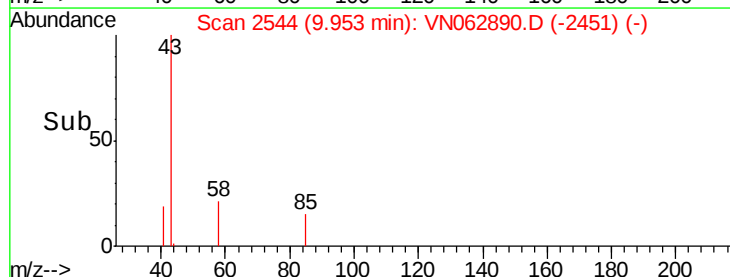
58 18.1 31.1 46.7#

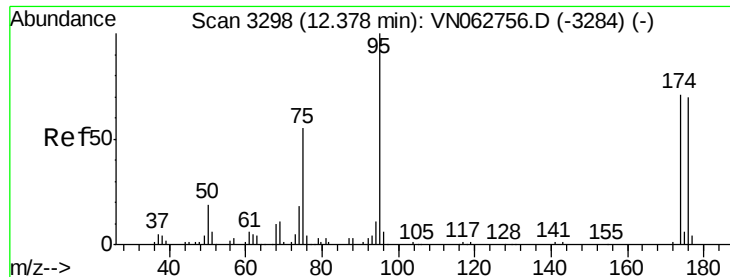


Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 47.114 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-1

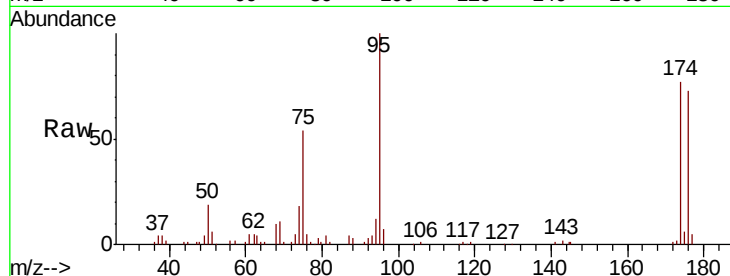
Tot Ion: 95 Resp: 100672

Ion Ratio Lower Upper

95 100

174 77.1 0.0 144.8

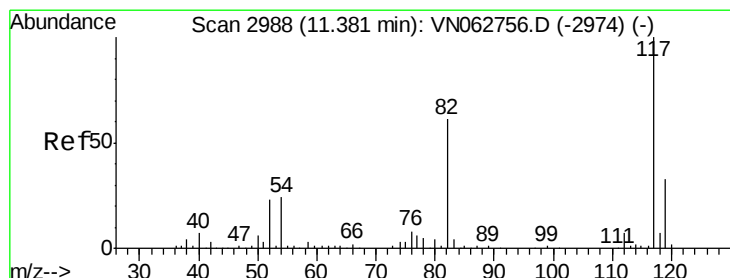
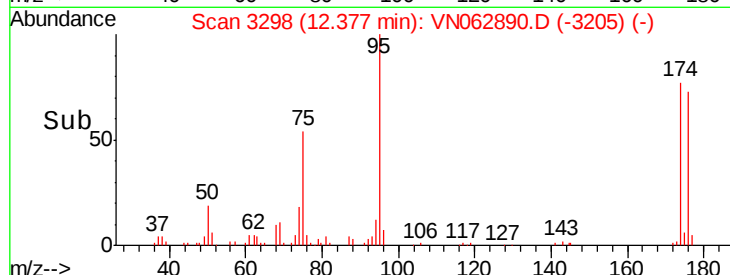
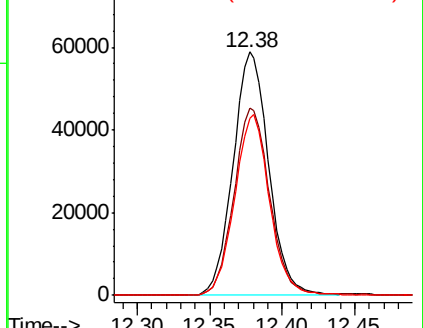
176 72.9 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062890.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062890.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062890.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

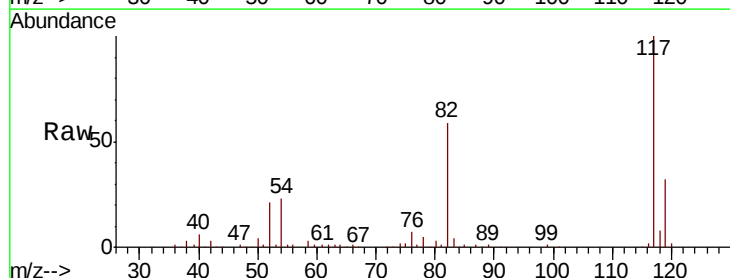
Tgt Ion: 117 Resp: 217287

Ion Ratio Lower Upper

117 100

82 59.0 49.0 73.4

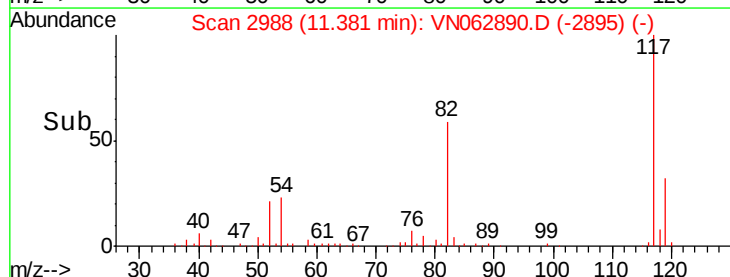
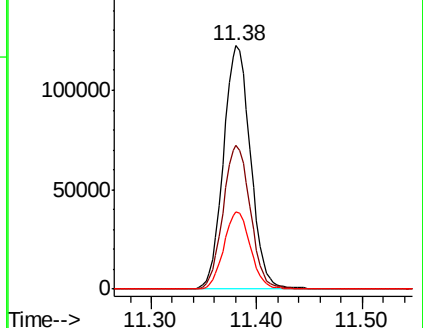
119 31.8 26.2 39.2

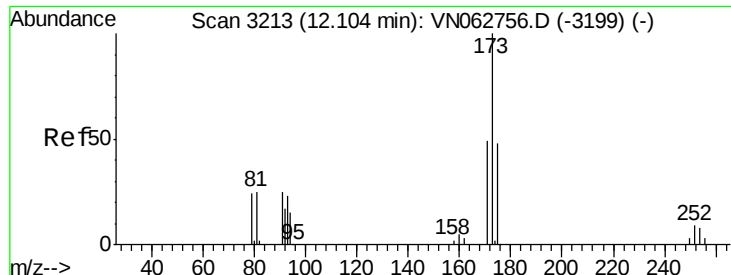


Abundance Ion 116.90 (116.60 to 117.60): VN062890.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062890.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062890.D (-2895) (-)





#71

Bromoform

Concen: 0.423 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.27 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-1

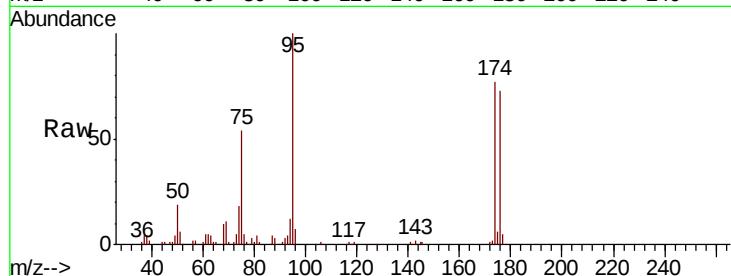
Tot Ion:173 Resp: 631

Ion Ratio Lower Upper

173 100

175 822.2 24.0 72.0#

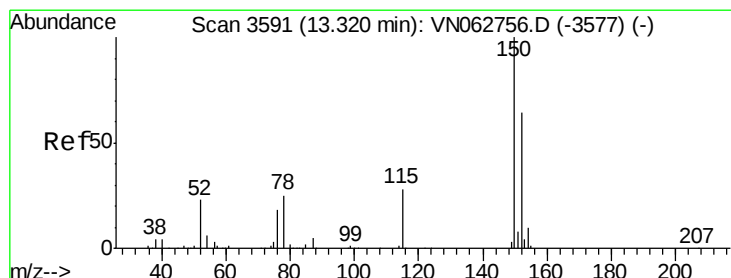
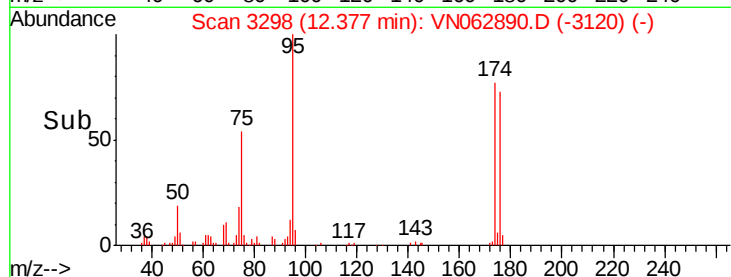
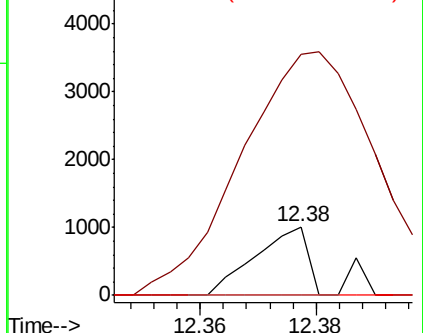
254 0.0 0.0 0.0



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: VN062890.D

Acq: 13 Aug 2020 5:33

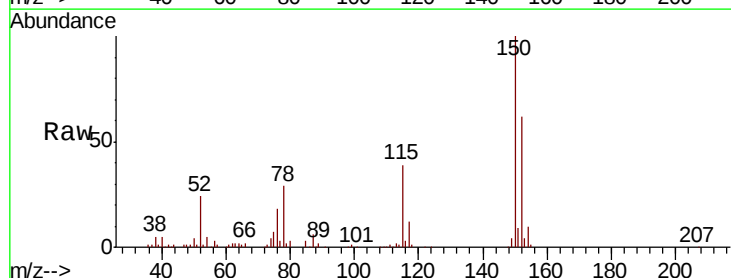
Tgt Ion:152 Resp: 80595

Ion Ratio Lower Upper

152 100

115 63.8 31.6 94.8

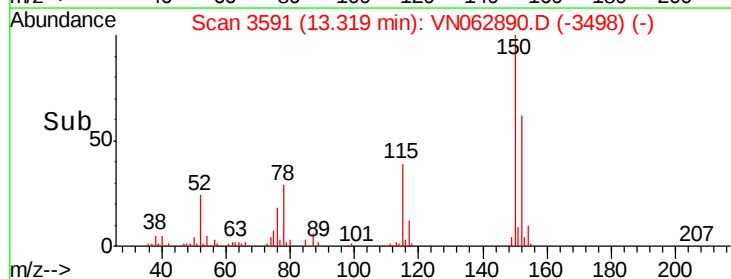
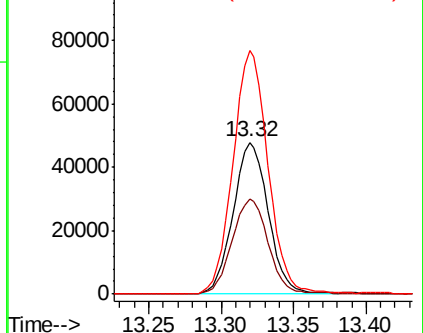
150 160.2 0.0 349.2

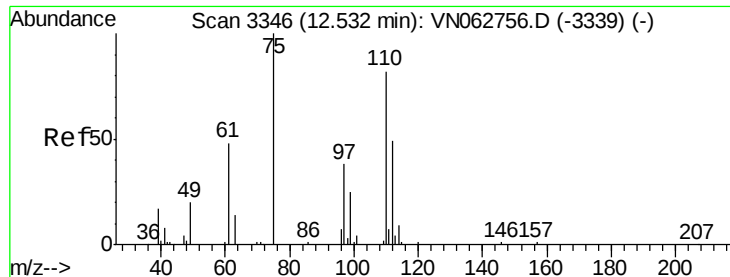


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.077 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

Instrument :

MSVOA_N

ClientSampleId :

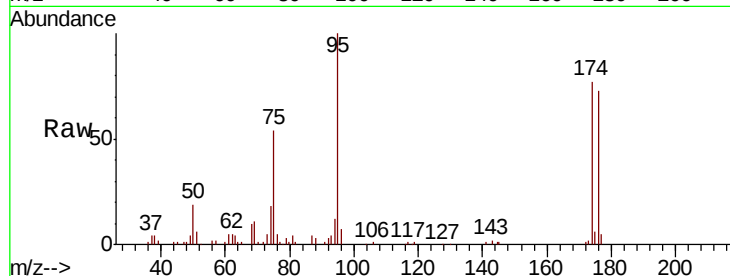
BS-STOCK-1

Tot Ion: 75 Resp: 54506

Ion Ratio Lower Upper

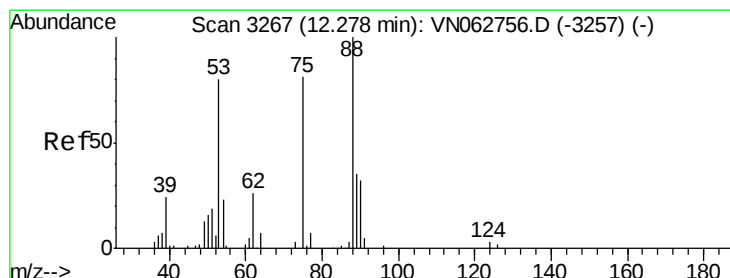
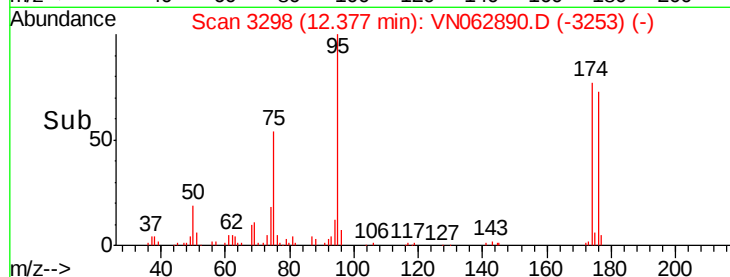
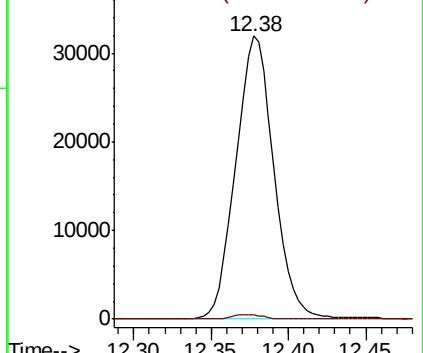
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 76.553 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062890.D

Acq: 13 Aug 2020 5:33

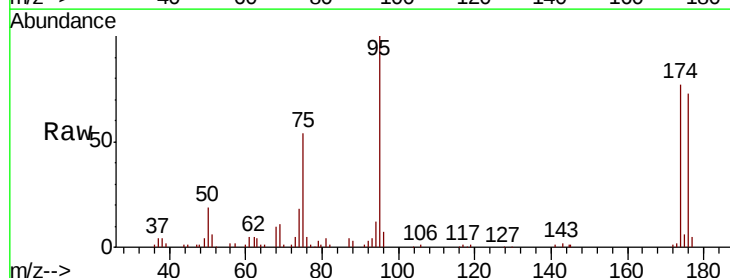
Tgt Ion: 75 Resp: 54506

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

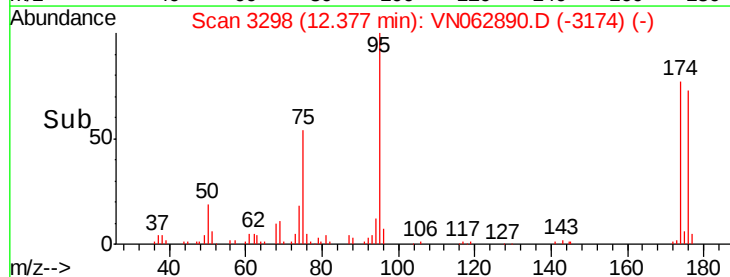
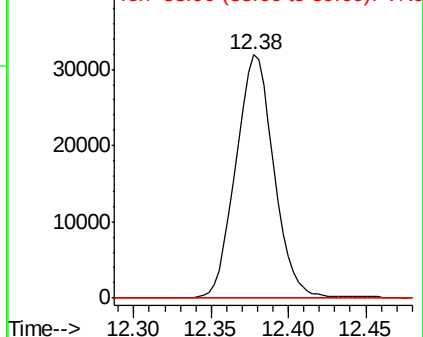
89 0.0 36.2 54.2#

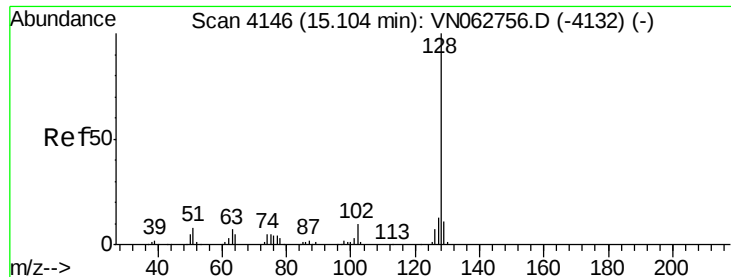


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

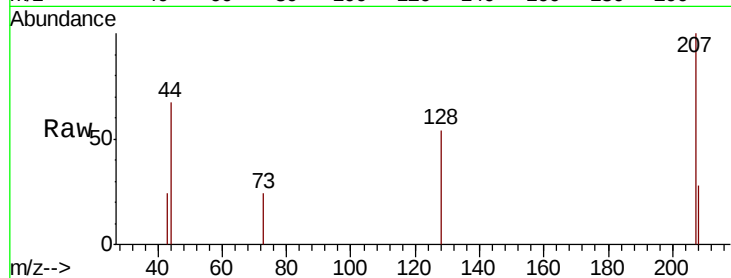




#95
Naphthalene
Concen: 3.841 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.02 min
Lab File: VN062890.D
Acq: 13 Aug 2020 5:33

Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.8	13.2#



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

