

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062891.D
 Acq On : 13 Aug 2020 5:57
 Operator : JC/MD
 Sample : L3648-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-2

Quant Time: Aug 13 07:47:08 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	131159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	209534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78355	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	112165	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.42%		
35) Dibromofluoromethane	7.55	113	83392	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.10%		
50) Toluene-d8	10.06	98	272473	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.78%		
62) 4-Bromofluorobenzene	12.38	95	97545	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.12%		

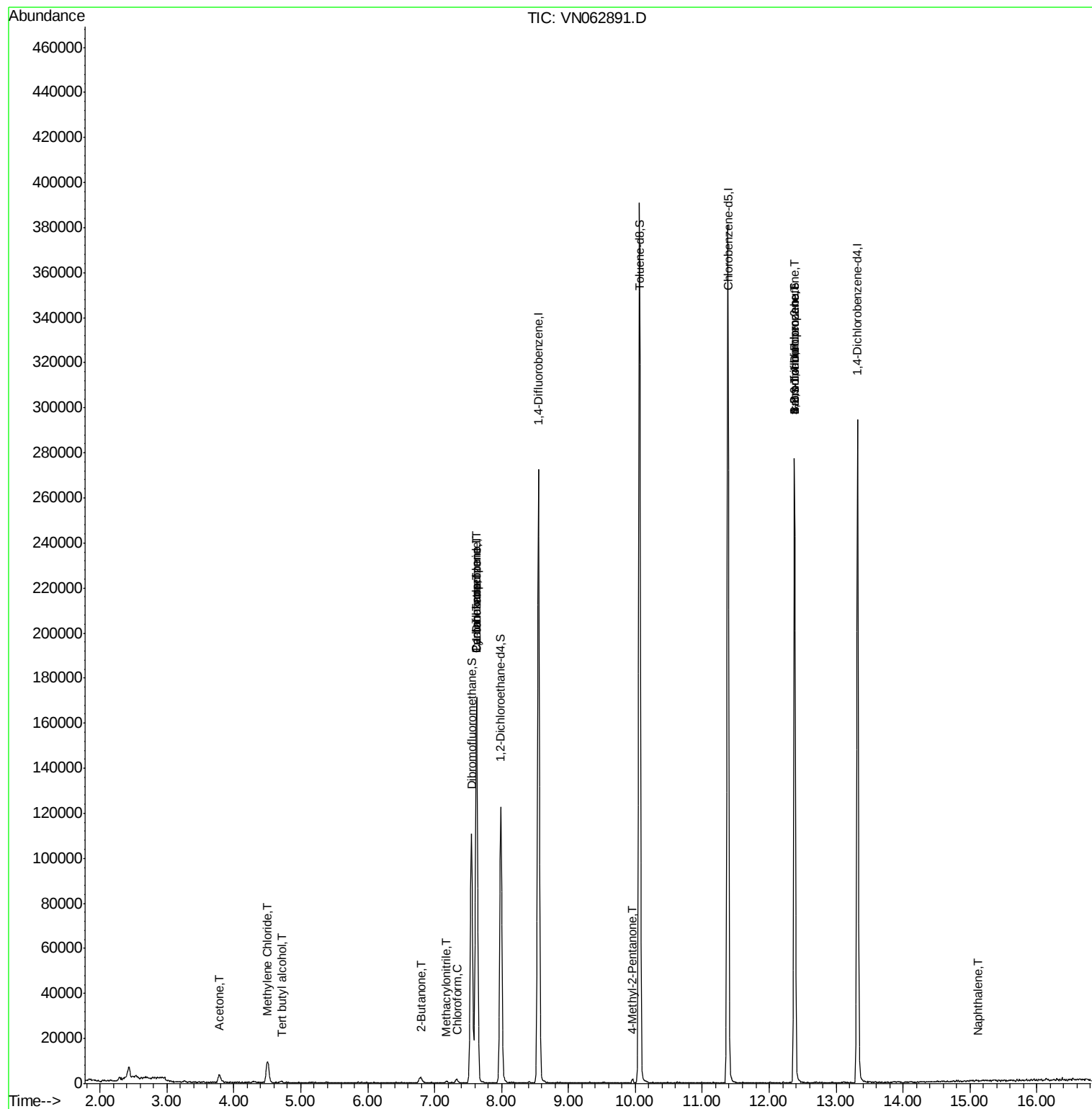
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	240	0.675	ug/l #	72
16) Acetone	3.78	43	6211	7.925	ug/l	95
18) Methyl Acetate	4.28	43	425	Below Cal	#	52
20) Methylene Chloride	4.50	84	7655	4.648	ug/l	95
25) 2-Butanone	6.80	43	1067	0.961	ug/l	94
30) Chloroform	7.32	83	2138	0.702	ug/l	96
31) Cyclohexane	7.63	56	2908	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11422	5.104	ug/l #	53
38) Carbon Tetrachloride	7.63	117	13770	5.203	ug/l #	15
41) Methacrylonitrile	7.17	41	252	0.239	ug/l #	6
51) 4-Methyl-2-Pentanone	9.96	43	1667	0.661	ug/l #	82
71) Bromoform	12.38	173	997	0.693	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53901	25.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53901	77.867	ug/l #	10
95) Naphthalene	15.12	128	330	3.793	ug/l #	68

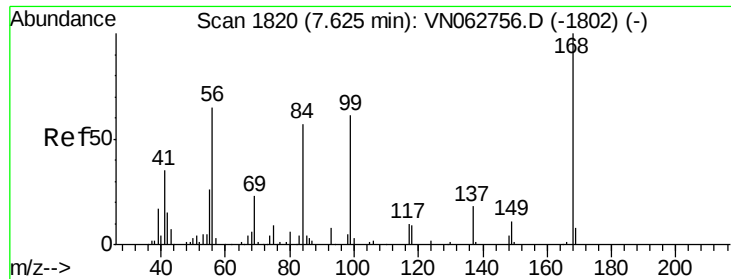
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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Quant Time: Aug 13 07:47:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: VN062891.D

Acq: 13 Aug 2020 5:57

Instrument :

MSVOA_N

ClientSampleId :

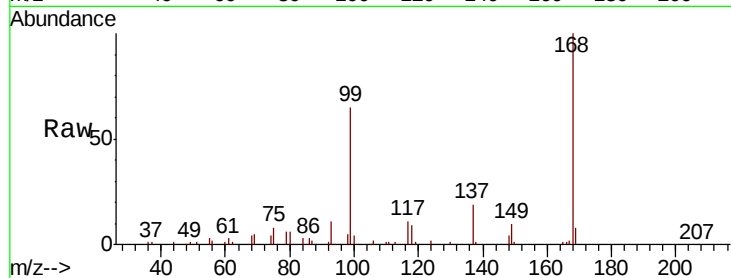
BS-STOCK-2

Tot Ion:168 Resp: 131159

Ion Ratio Lower Upper

168 100

99 64.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062891.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062891.D (-1727) (-)

7.63

60000

50000

40000

30000

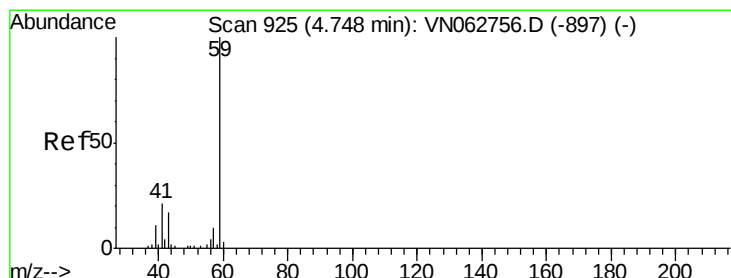
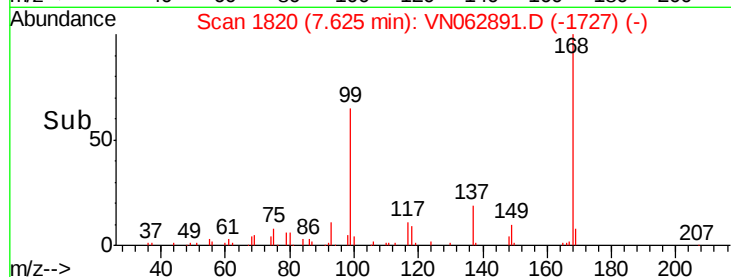
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.675 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.03 min

Lab File: VN062891.D

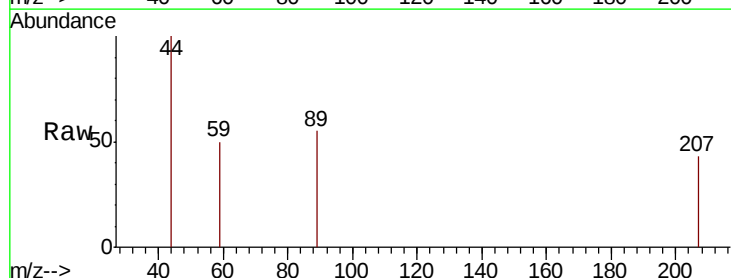
Acq: 13 Aug 2020 5:57

Tgt Ion: 59 Resp: 240

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062891.D (-832) (-)

Ion 57.00 (56.70 to 57.70): VN062891.D (-832) (-)

4.72

200

150

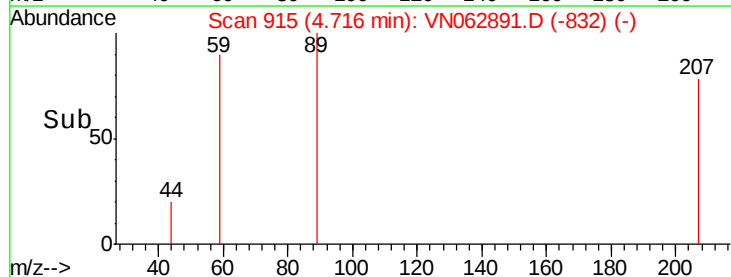
100

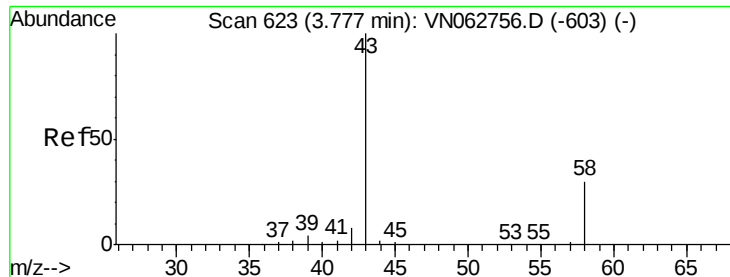
50

0

4.68 4.70 4.72

Time-->





#16

Acetone

Concen: 7.925 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

Instrument :

MSVOA_N

ClientSampled :

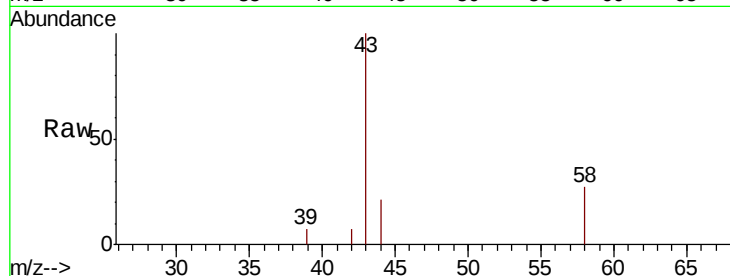
BS-STOCK-2

Tot Ion: 43 Resp: 6211

Ion Ratio Lower Upper

43 100

58 27.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-603) (-)

3.78

2500

2000

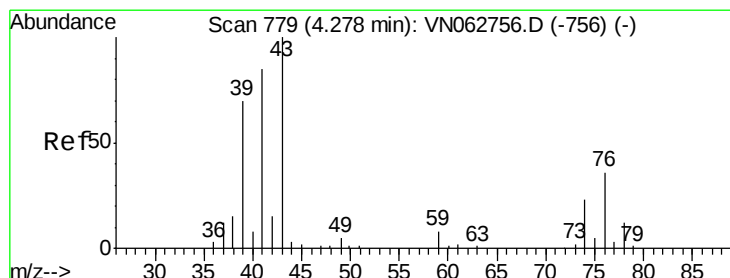
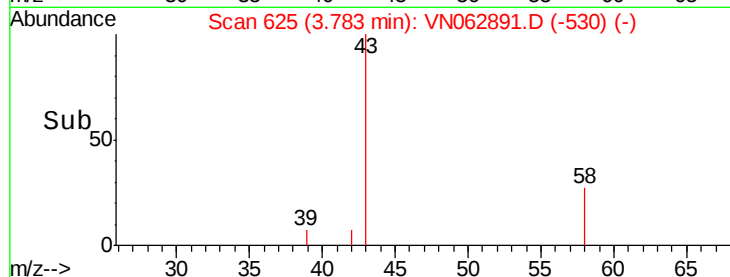
1500

1000

500

0

Time--> 3.70 3.75 3.80 3.85



#18

Methyl Acetate

Concen: Below Cal

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062891.D

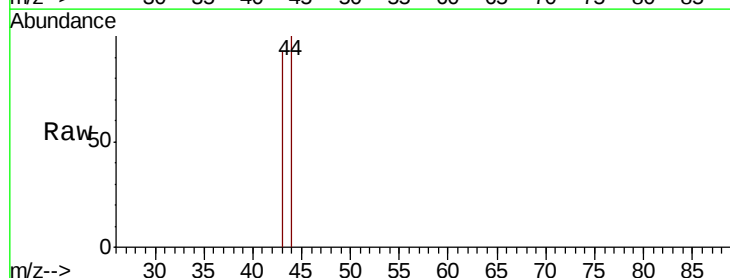
Acq: 13 Aug 2020 5:57

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

74 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-756) (-)

Ion 74.00 (73.70 to 74.70): VN062756.D (-756) (-)

4.28

600

500

400

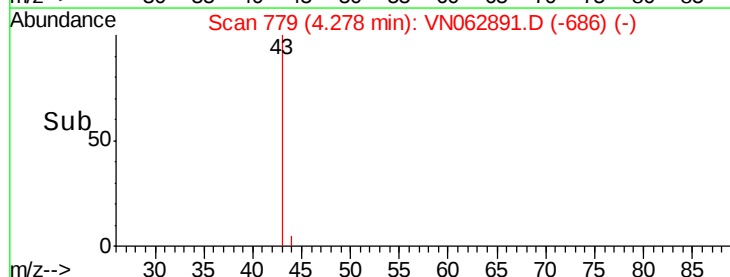
300

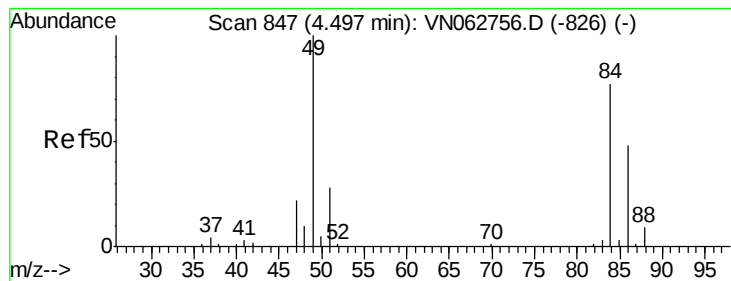
200

100

0

Time--> 4.26 4.27 4.28 4.29





#20

Methylene Chloride

Concen: 4.648 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-2

Tot Ion: 84 Resp: 7655

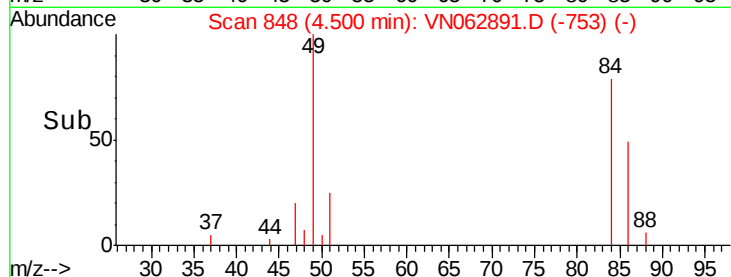
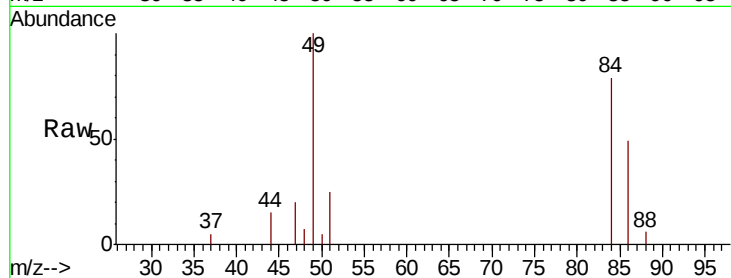
Ion Ratio Lower Upper

84 100

49 121.1 103.4 155.2

51 32.1 29.3 43.9

86 62.7 49.9 74.9

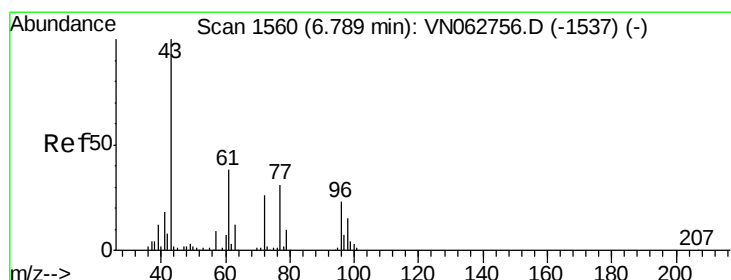
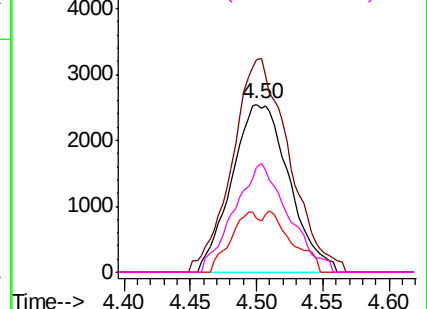


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.961 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VN062891.D

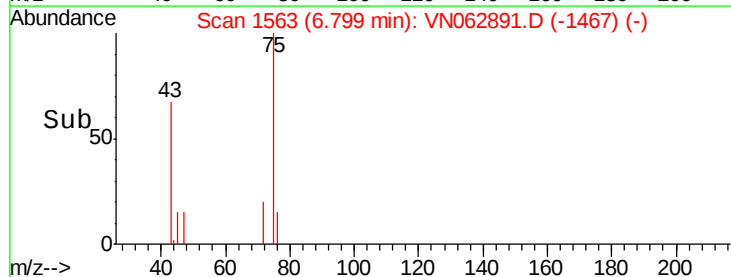
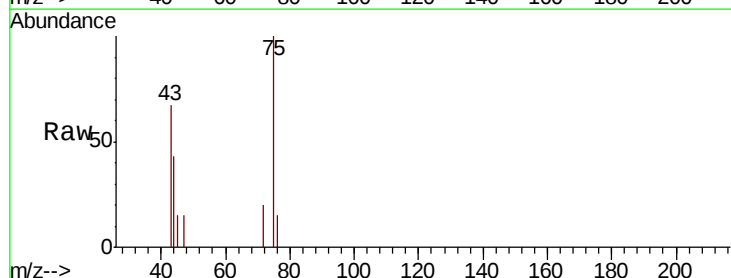
Acq: 13 Aug 2020 5:57

Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

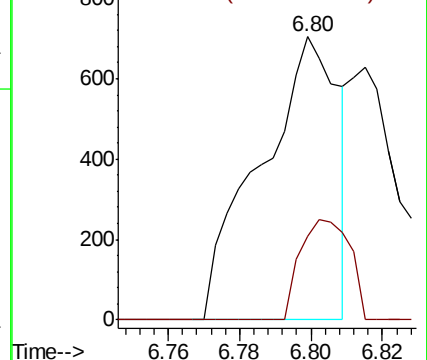
43 100

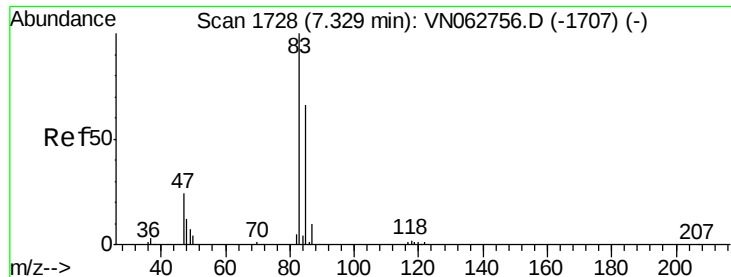
72 29.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

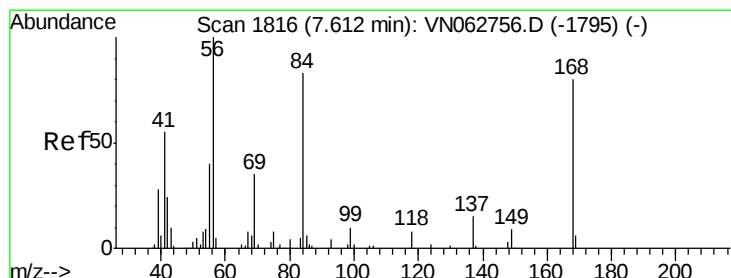
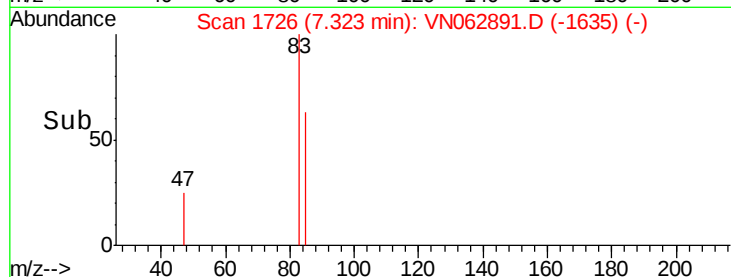
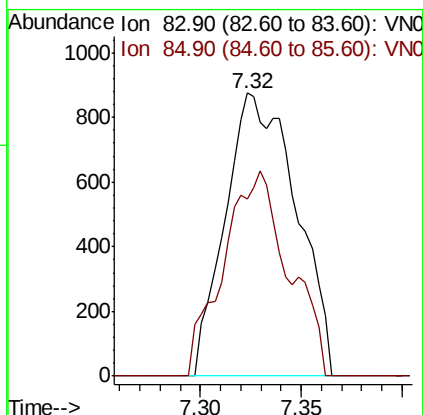
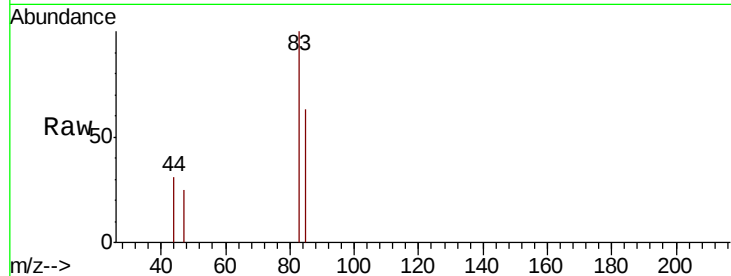




#30
Chloroform
Concen: 0.702 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062891.D
Acq: 13 Aug 2020 5:57

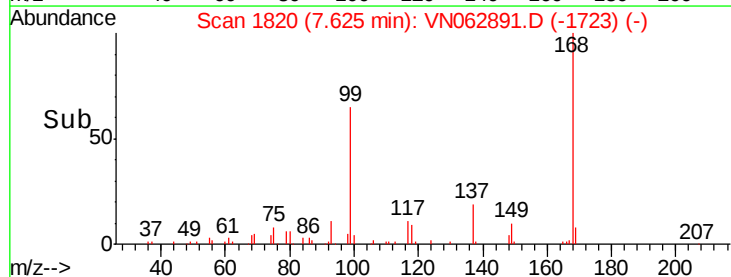
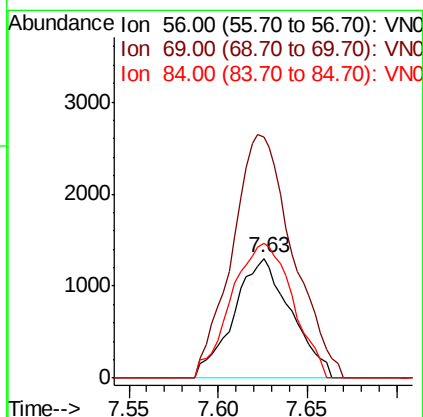
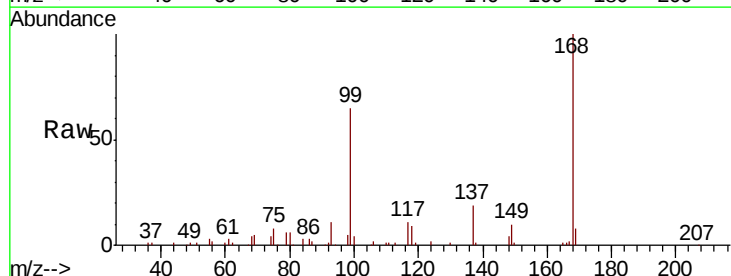
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-2

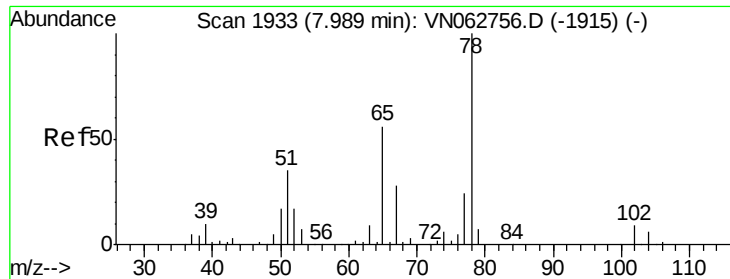
Tot Ion: 83 Resp: 2138
Ion Ratio Lower Upper
83 100
85 62.5 52.7 79.1



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062891.D
Acq: 13 Aug 2020 5:57

Tgt Ion: 56 Resp: 2908
Ion Ratio Lower Upper
56 100
69 201.1 28.1 42.1#
84 112.7 66.8 100.2#

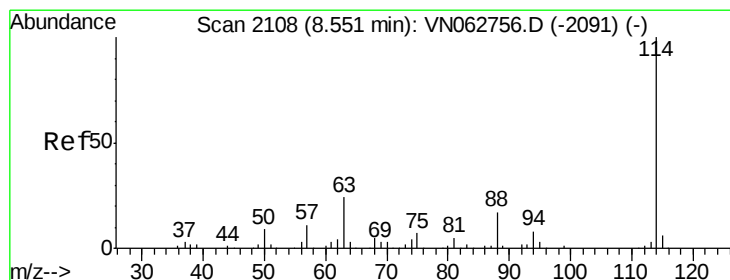
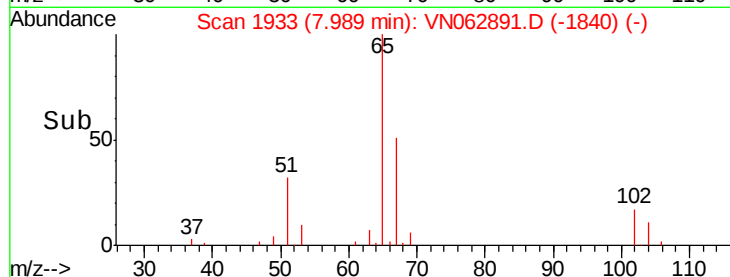
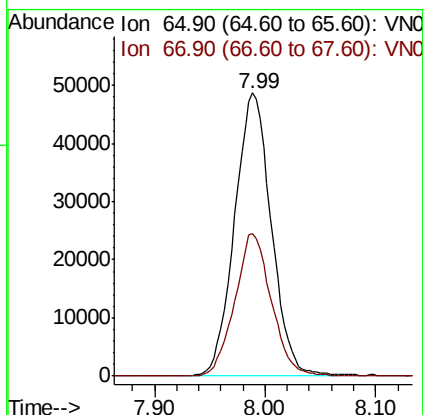
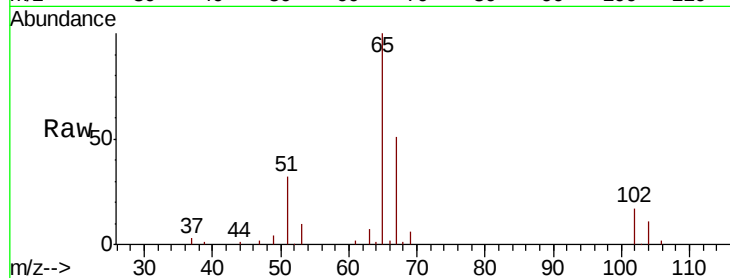




#33
 1,2-Dichloroethane-d4
 Concen: 51.714 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062891.D
 Acq: 13 Aug 2020 5:57

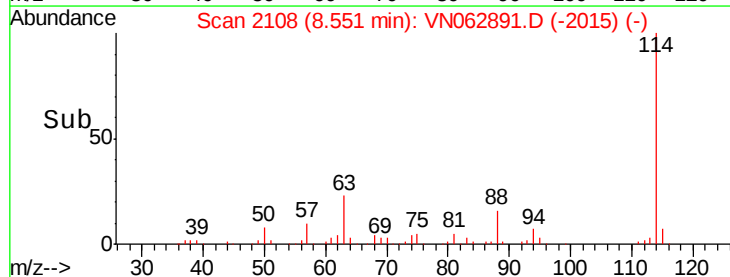
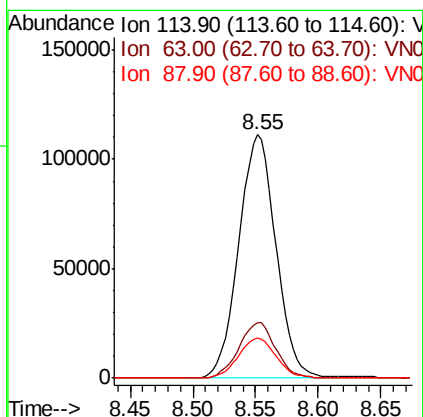
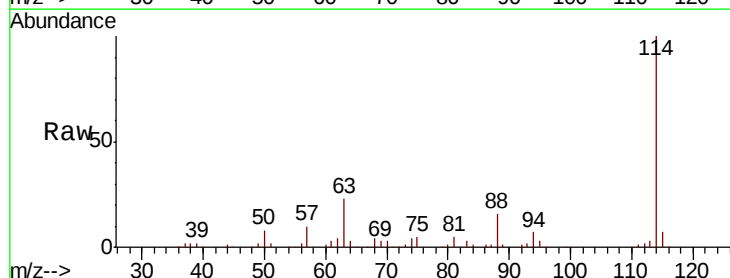
Instrument :
 MSVOA_N
 ClientSampled :
 BS-STOCK-2

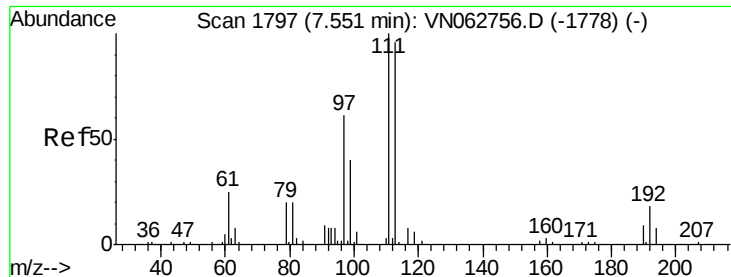
Tot Ion: 65 Resp: 112165
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062891.D
 Acq: 13 Aug 2020 5:57

Tgt Ion: 114 Resp: 229819
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.6
 88 16.3 0.0 34.4

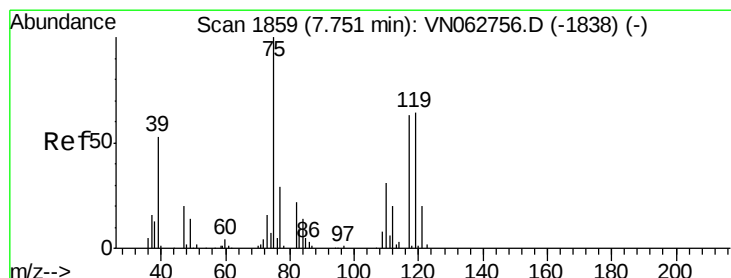
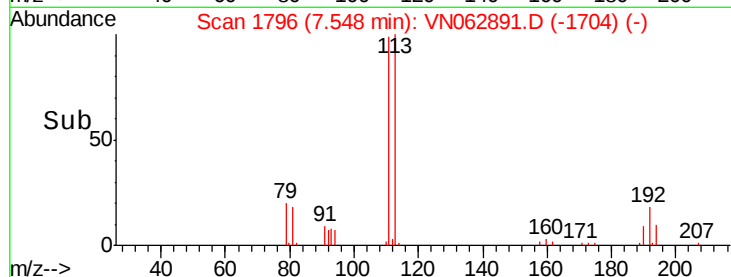
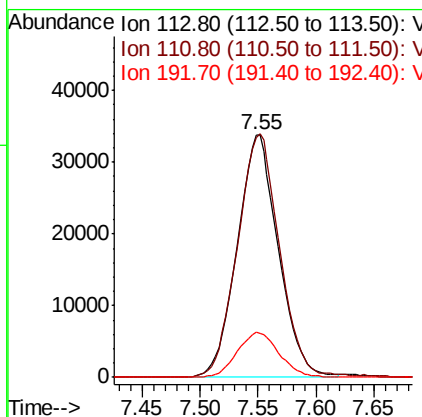
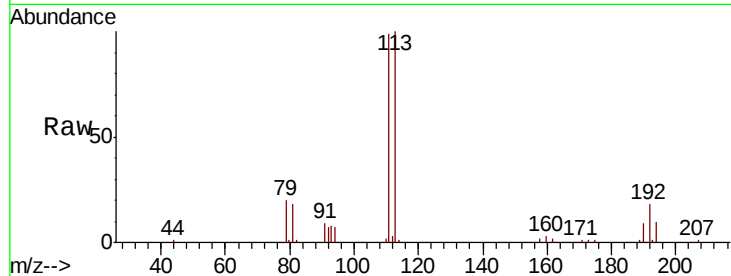




#35
Dibromofluoromethane
Concen: 53.045 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062891.D
Acq: 13 Aug 2020 5:57

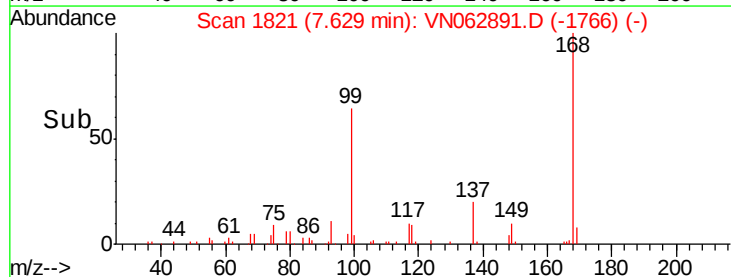
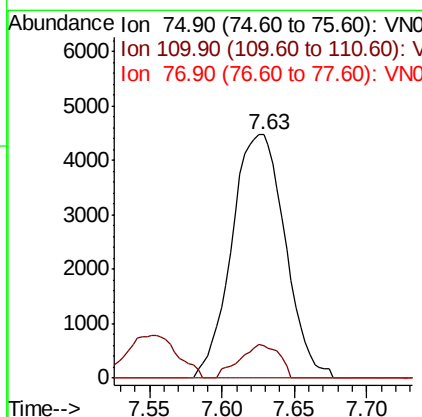
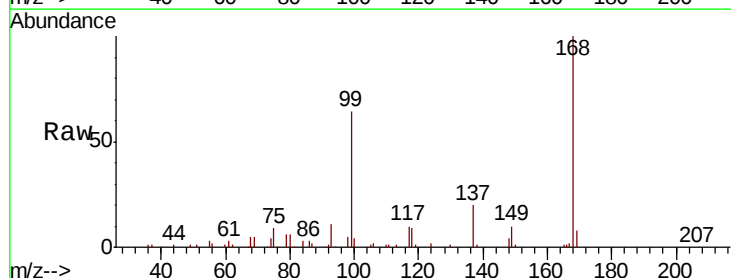
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-2

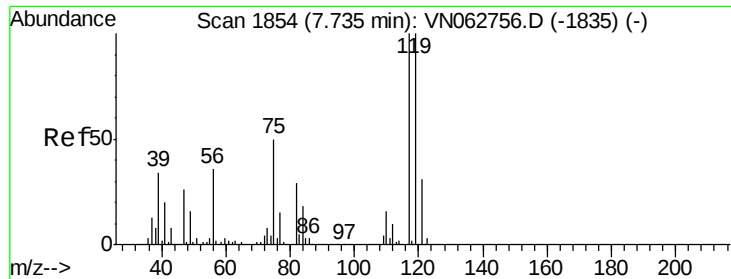
Tot Ion:113 Resp: 83392
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 18.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.12 min
Lab File: VN062891.D
Acq: 13 Aug 2020 5:57

Tgt Ion: 75 Resp: 11422
Ion Ratio Lower Upper
75 100
110 10.2 15.6 46.7#
77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 5.203 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-2

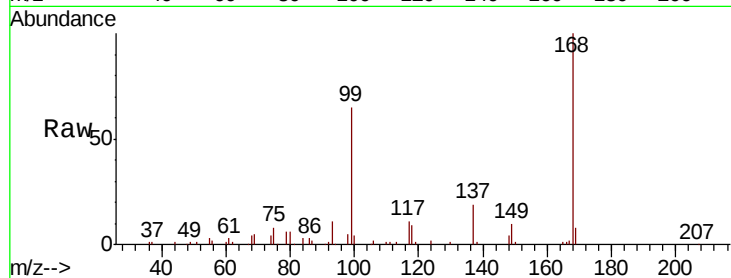
Tot Ion:117 Resp: 13770

Ion Ratio Lower Upper

117 100

119 6.1 79.4 119.2#

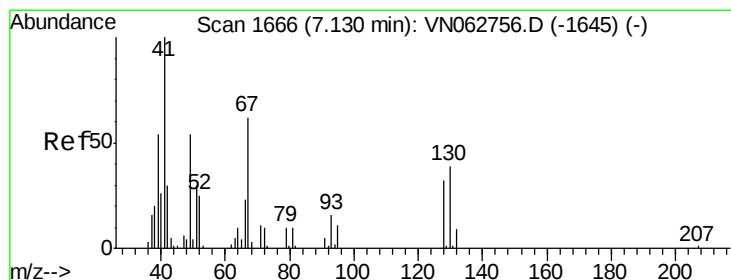
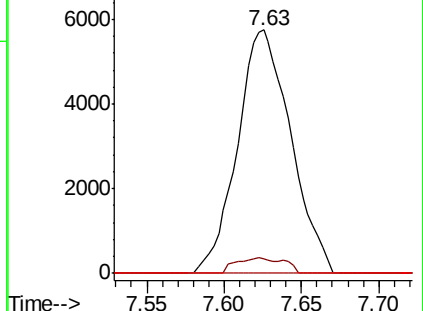
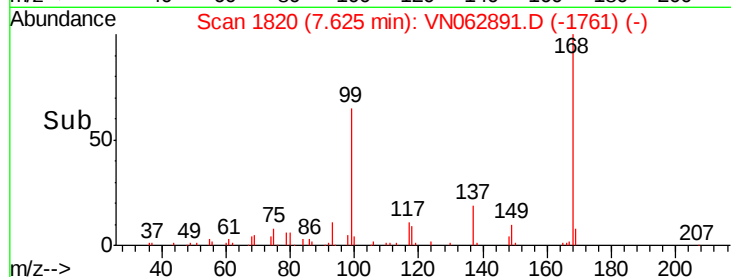
121 0.0 24.9 37.3#



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



#41

Methacrylonitrile

Concen: 0.239 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.04 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

Tgt Ion: 41 Resp: 252

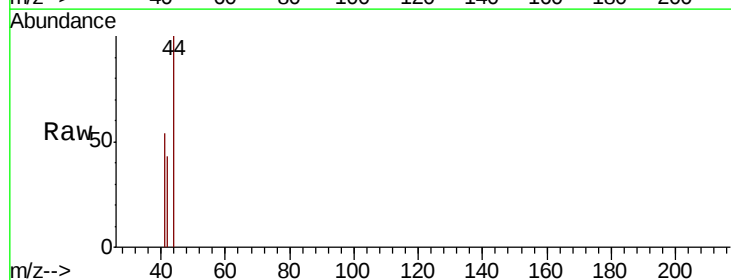
Ion Ratio Lower Upper

41 100

39 0.0 69.4 104.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

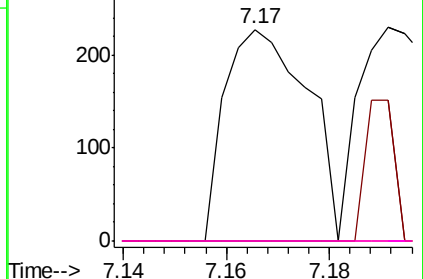
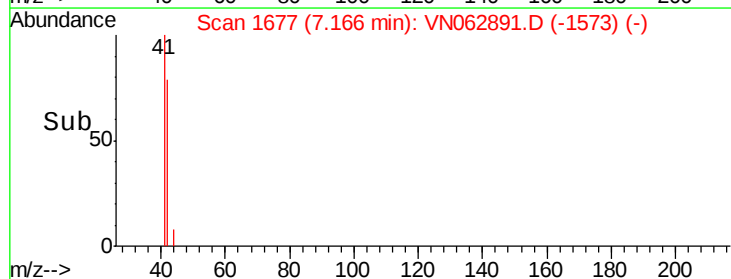


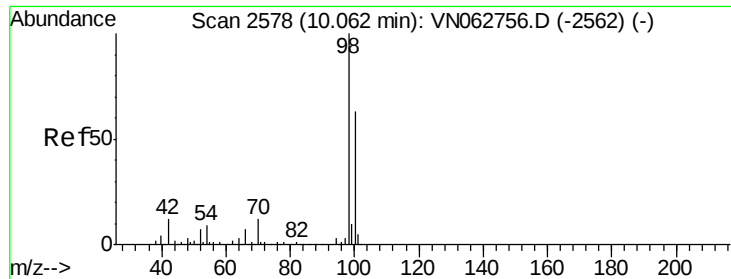
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V

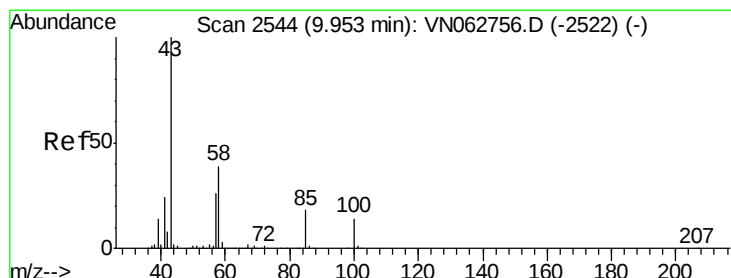
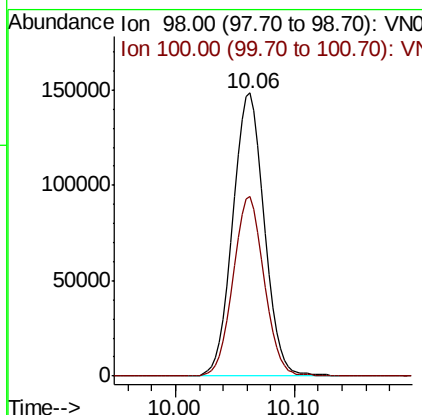
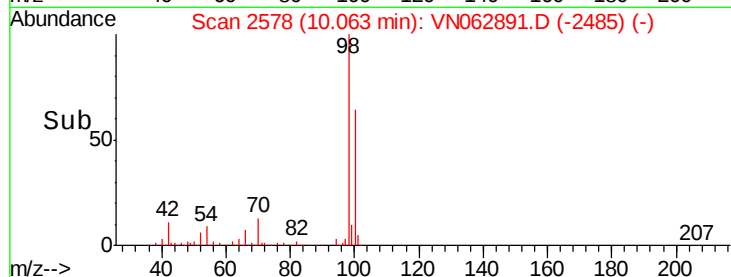
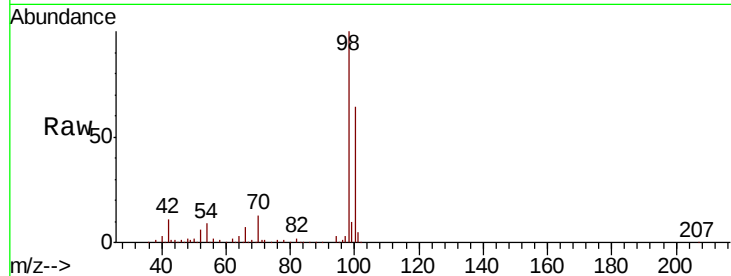




#50
Toluene-d8
Concen: 44.394 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062891.D
Acq: 13 Aug 2020 5:57

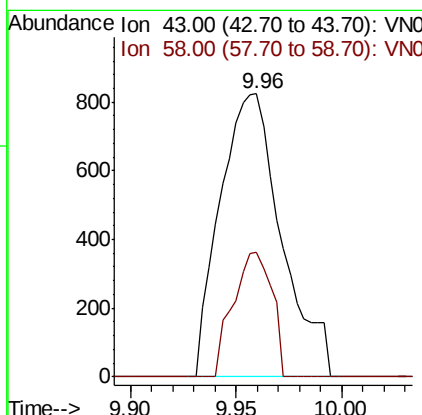
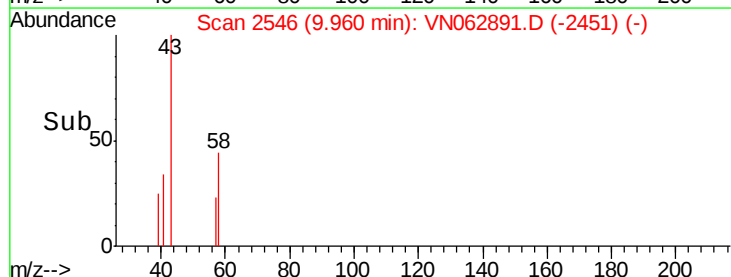
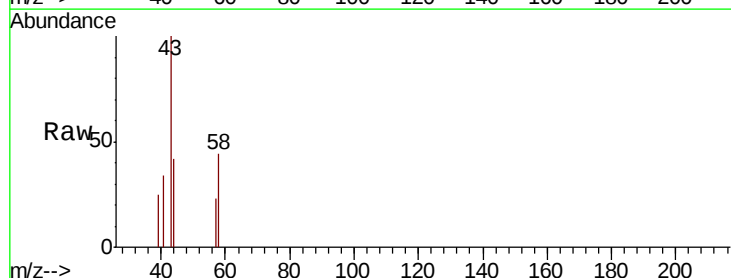
Instrument :
MSVOA_N
ClientSampled :
BS-STOCK-2

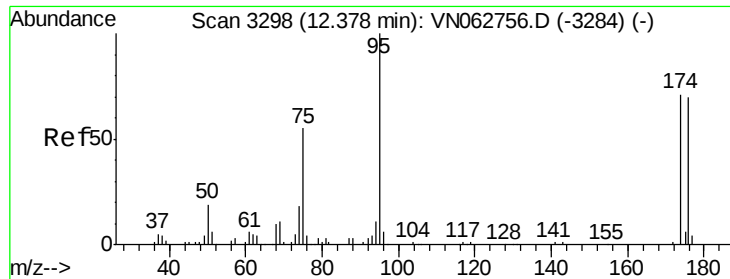
Tot Ion: 98 Resp: 272473
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 9.96 min Scan# 2546
Delta R.T. 0.01 min
Lab File: VN062891.D
Acq: 13 Aug 2020 5:57

Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
58 27.9 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 42.056 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-2

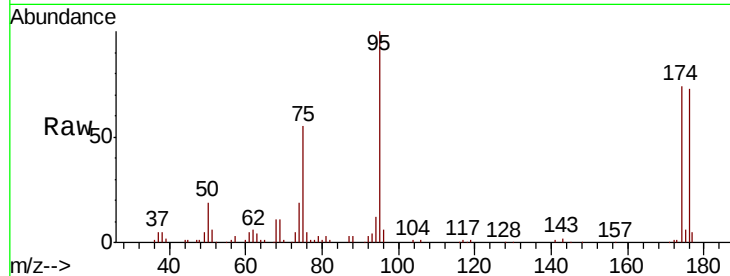
Tot Ion: 95 Resp: 97545

Ion Ratio Lower Upper

95 100

174 74.5 0.0 144.8

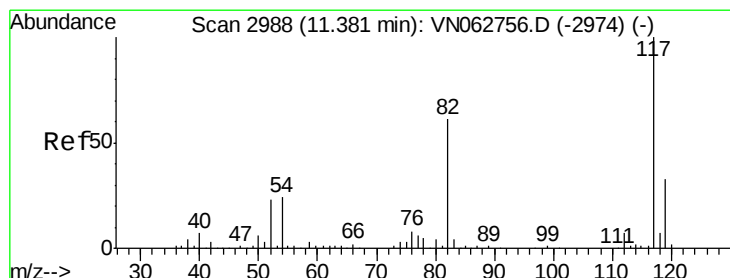
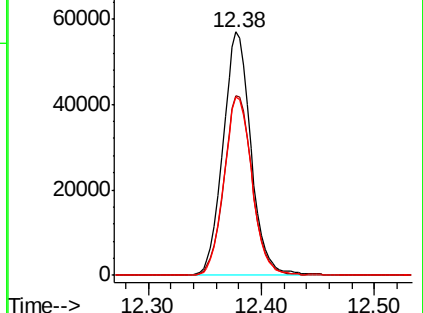
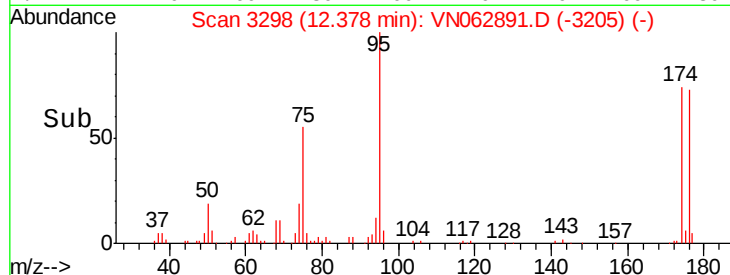
176 73.6 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062891.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062891.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062891.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

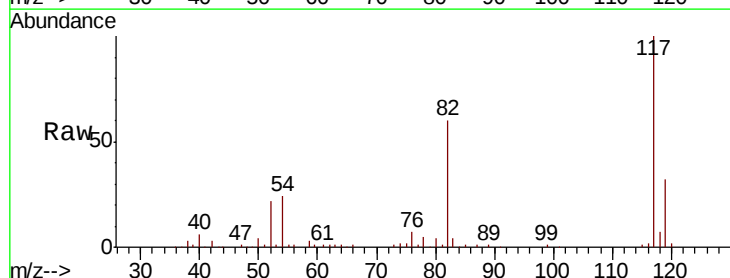
Tgt Ion: 117 Resp: 209534

Ion Ratio Lower Upper

117 100

82 60.3 49.0 73.4

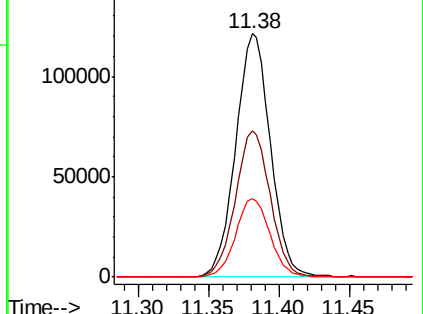
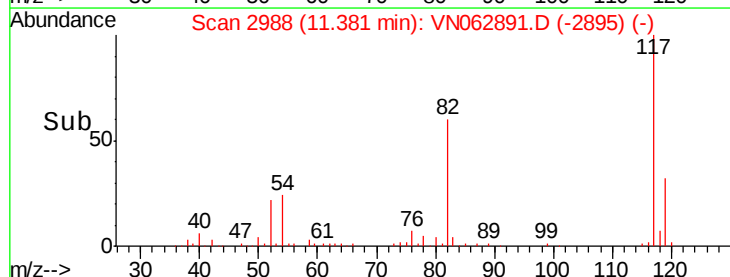
119 32.4 26.2 39.2

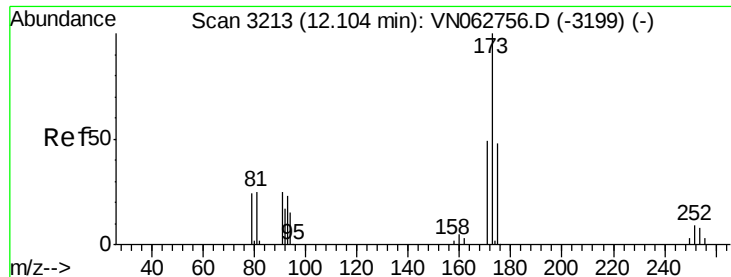


Abundance Ion 116.90 (116.60 to 117.60): VN062891.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062891.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062891.D (-2895) (-)





#71

Bromoform

Concen: 0.693 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN062891.D

Acq: 13 Aug 2020 5:57

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-2

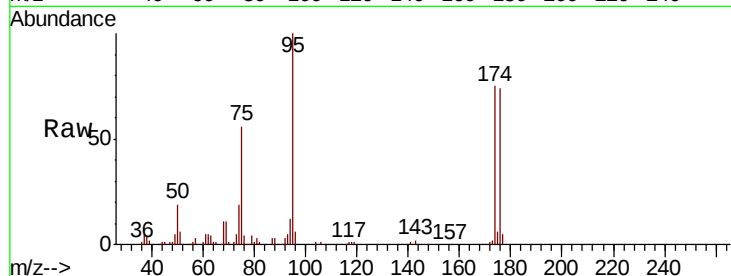
Tot Ion:173 Resp: 997

Ion Ratio Lower Upper

173 100

175 508.1 24.0 72.0#

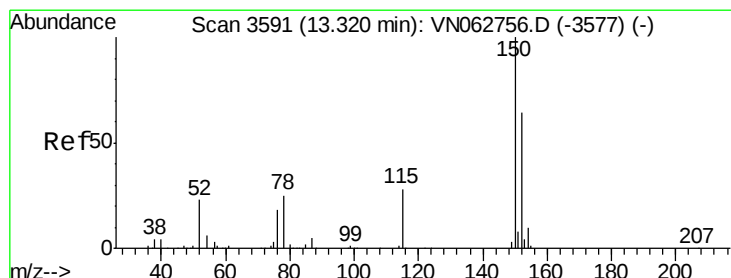
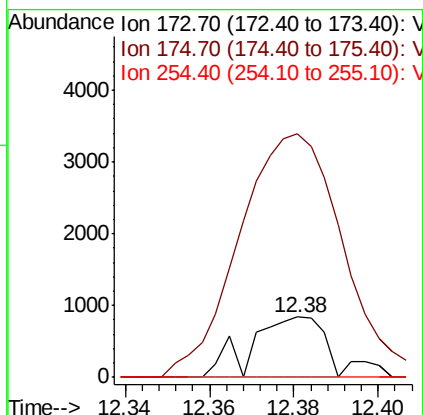
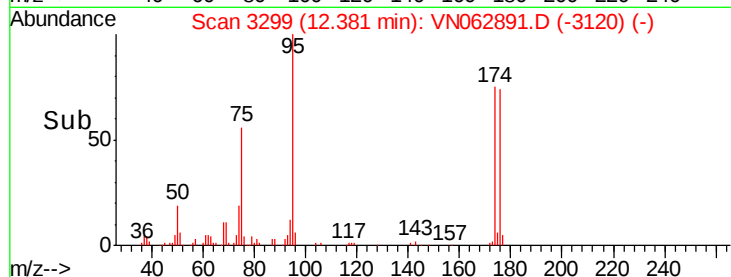
254 0.0 0.0 0.0



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: VN062891.D

Acq: 13 Aug 2020 5:57

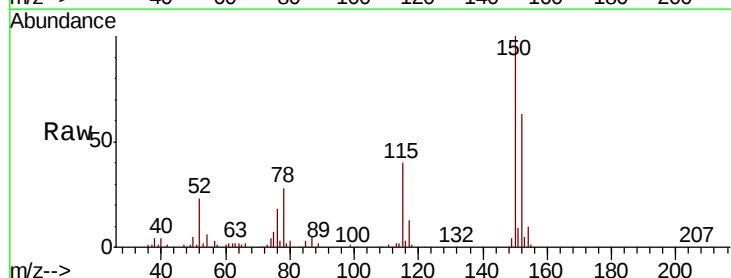
Tgt Ion:152 Resp: 78355

Ion Ratio Lower Upper

152 100

115 65.8 31.6 94.8

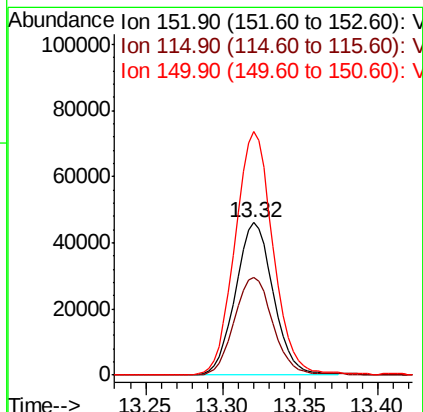
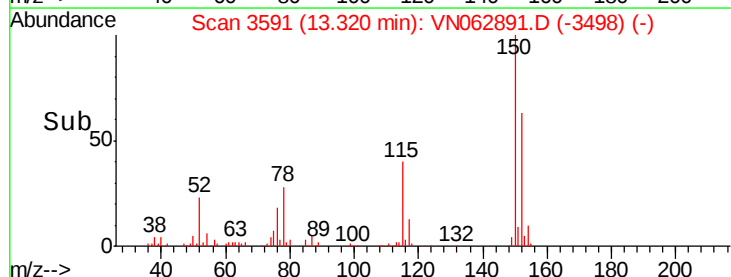
150 160.8 0.0 349.2

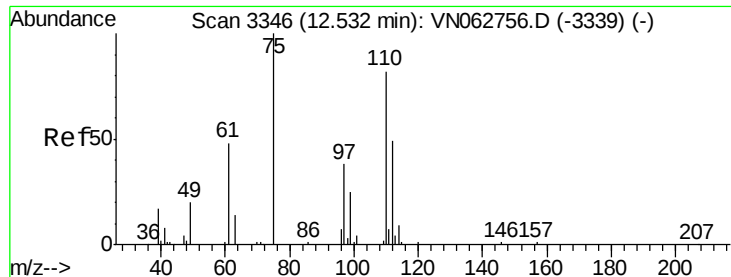


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

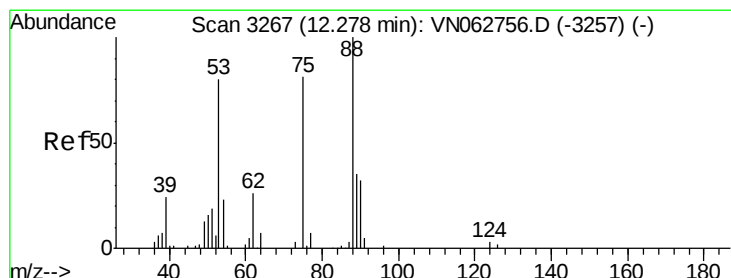
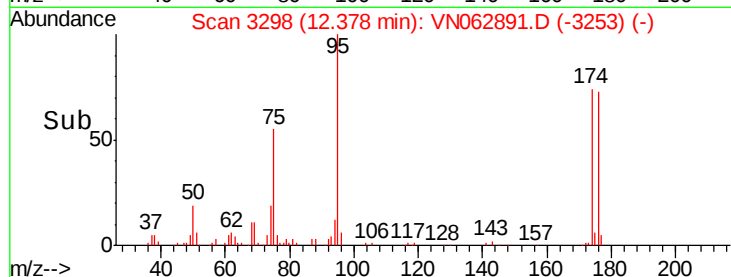
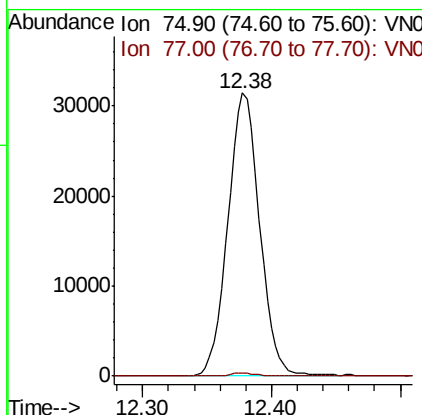
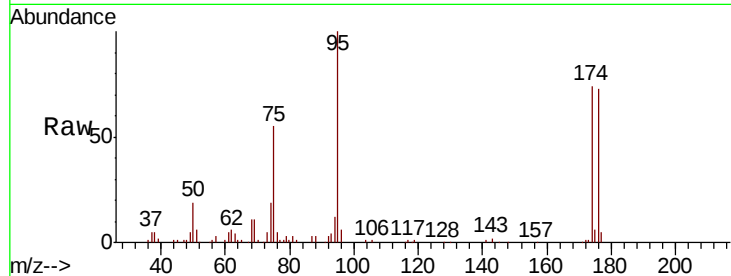




#76
 1,2,3-Trichloropropane
 Concen: 25.507 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062891.D
 Acq: 13 Aug 2020 5:57

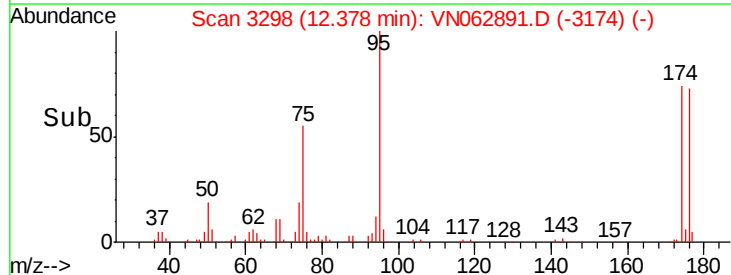
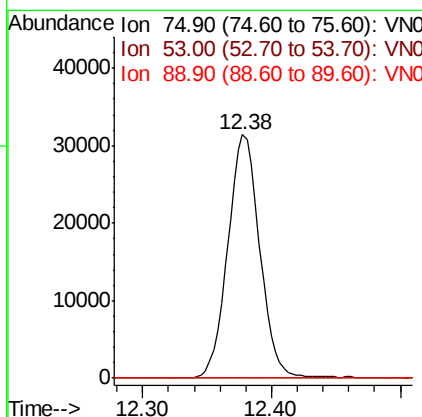
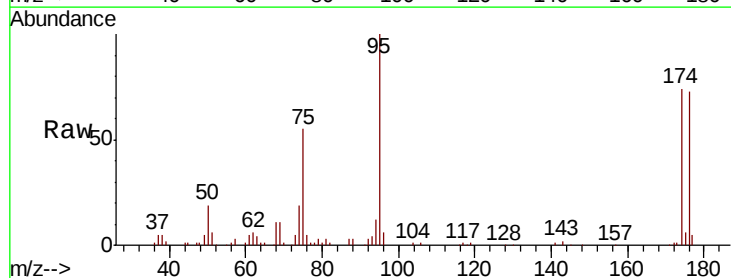
Instrument :
 MSVOA_N
 ClientSampled :
 BS-STOCK-2

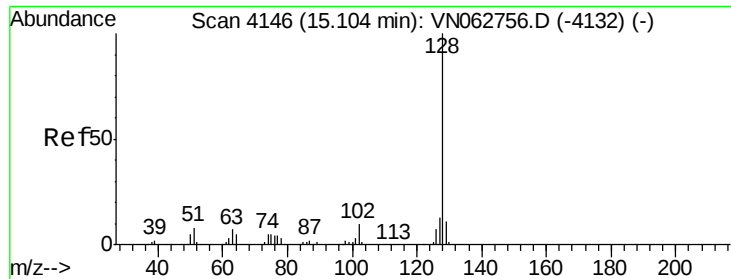
Tot Ion: 75 Resp: 53901
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.867 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062891.D
 Acq: 13 Aug 2020 5:57

Tgt Ion: 75 Resp: 53901
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 3.793 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.02 min

Lab File: VN062891.D

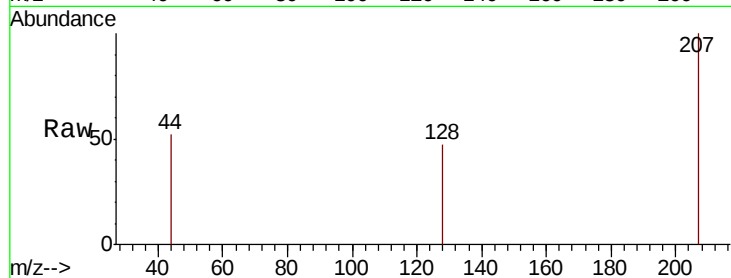
Acq: 13 Aug 2020 5:57

Instrument :

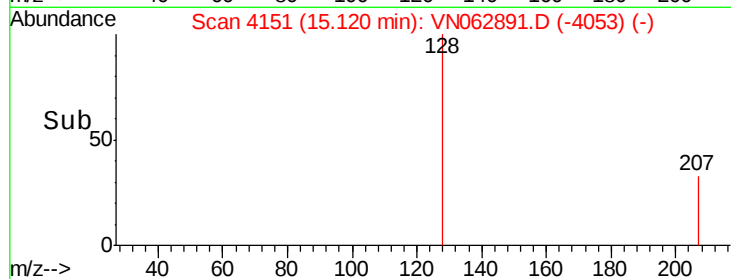
MSVOA_N

ClientSampleId :

BS-STOCK-2



Tot Ion:	128	Resp:	330
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

