

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062892.D
 Acq On : 13 Aug 2020 6:22
 Operator : JC/MD
 Sample : L3648-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-3

Quant Time: Aug 13 07:47:21 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	121967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80081	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	104722	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
35) Dibromofluoromethane	7.55	113	73418	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	10.06	98	273333	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	97823	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	

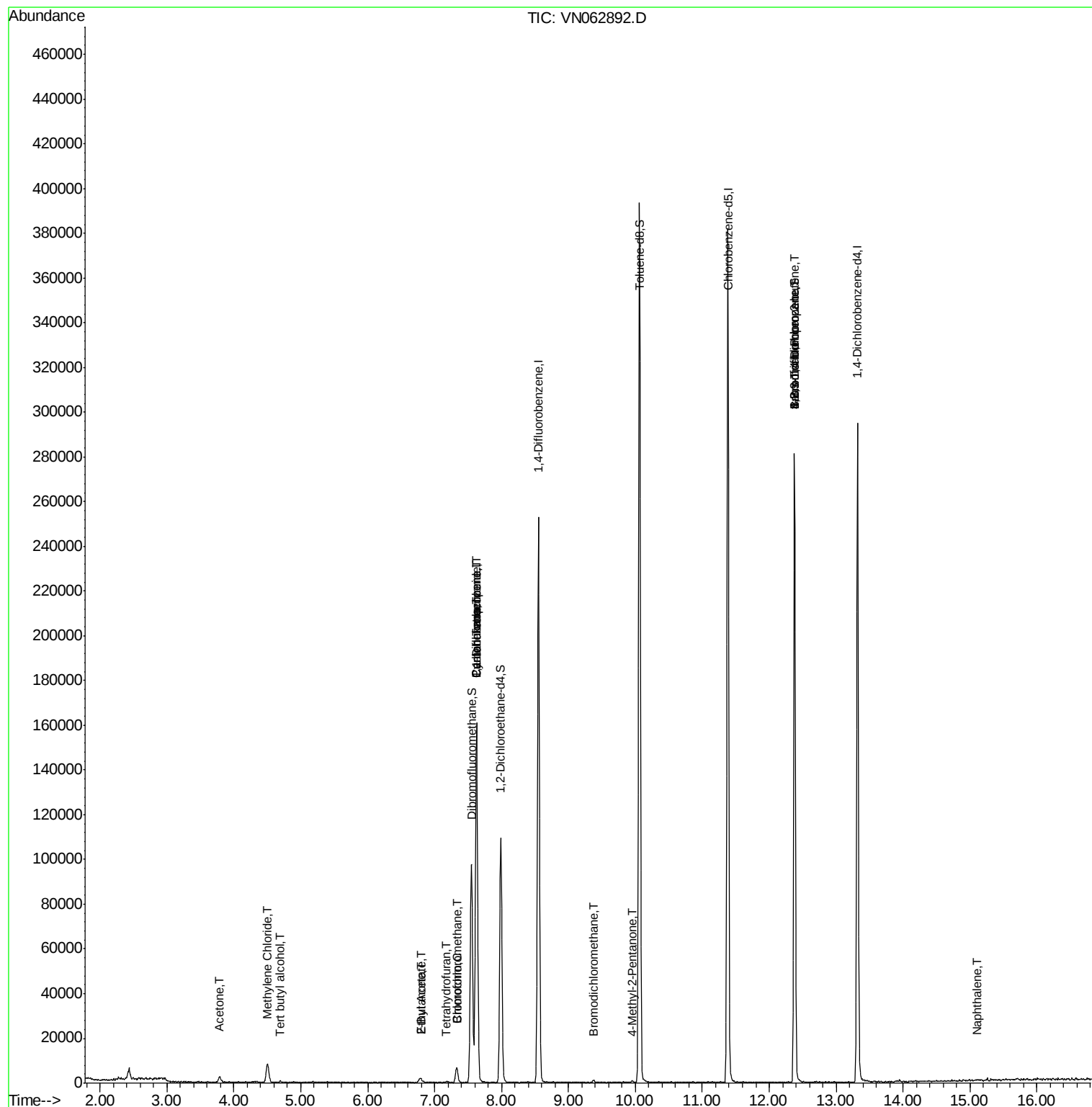
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	181	0.548	ug/l #	72
16) Acetone	3.79	43	4528	6.213	ug/l	99
18) Methyl Acetate	4.27	43	390	Below Cal	#	52
20) Methylene Chloride	4.50	84	6715	4.340	ug/l	89
25) 2-Butanone	6.80	43	1212	1.174	ug/l #	49
28) Bromochloromethane	7.32	49	471	0.366	ug/l #	14
29) Tetrahydrofuran	7.17	42	296	0.441	ug/l #	49
30) Chloroform	7.33	83	8025	2.835	ug/l	96
31) Cyclohexane	7.62	56	2628	1.075	ug/l #	18
36) 1,1-Dichloropropene	7.63	75	10743	5.223	ug/l #	49
37) Ethyl Acetate	6.80	43	1212	0.564	ug/l #	67
38) Carbon Tetrachloride	7.63	117	13440	5.525	ug/l #	16
47) Bromodichloromethane	9.36	83	1105	0.452	ug/l #	89
51) 4-Methyl-2-Pentanone	9.95	43	974	0.420	ug/l #	68
71) Bromoform	12.38	173	586	0.400	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53339	24.697	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53339	75.394	ug/l #	10
95) Naphthalene	15.11	128	519	3.839	ug/l #	68

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

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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: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampleId :

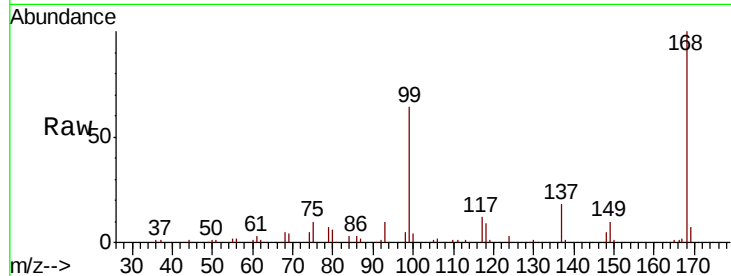
BS-STOCK-3

Tot Ion:168 Resp: 121967

Ion Ratio Lower Upper

168 100

99 63.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

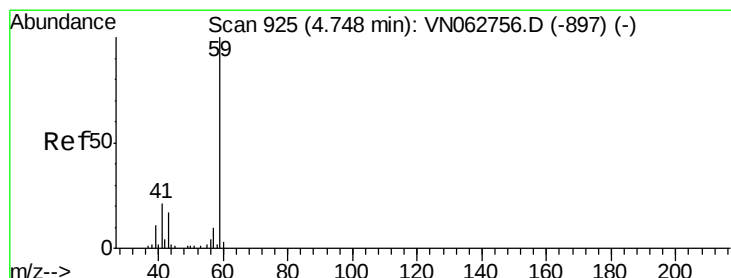
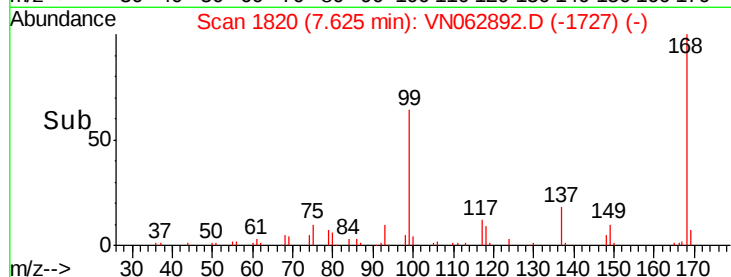
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.548 ug/l

RT: 4.69 min Scan# 908

Delta R.T. -0.05 min

Lab File: VN062892.D

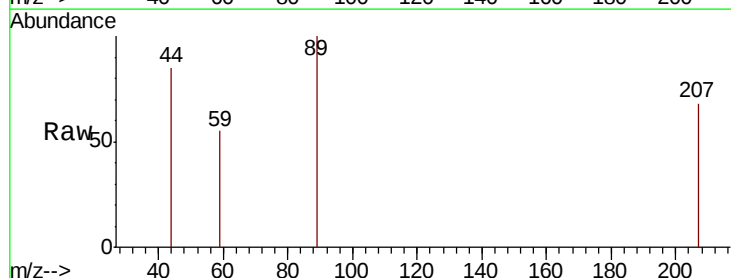
Acq: 13 Aug 2020 6:22

Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.69

200

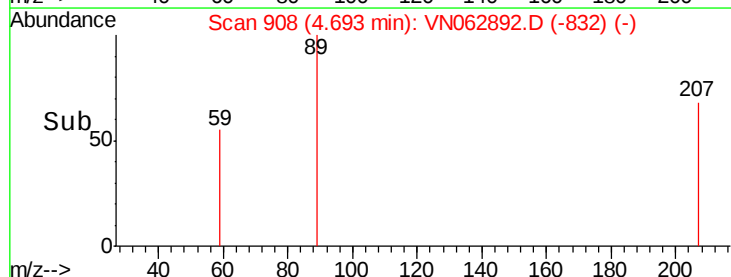
150

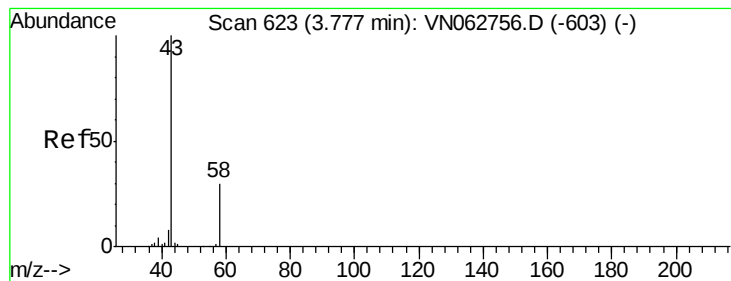
100

50

0

Time--> 4.68 4.69 4.70 4.71





#16

Acetone

Concen: 6.213 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampleId :

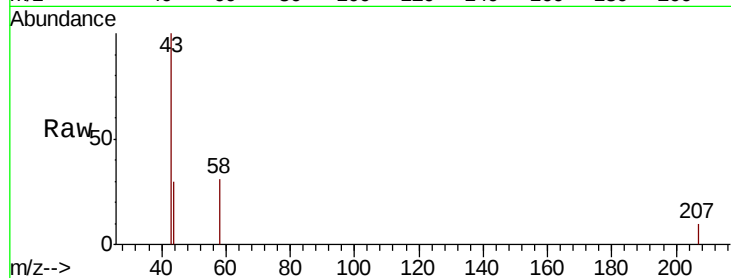
BS-STOCK-3

Tot Ion: 43 Resp: 4528

Ion Ratio Lower Upper

43 100

58 30.5 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) (-)

3.79

1500

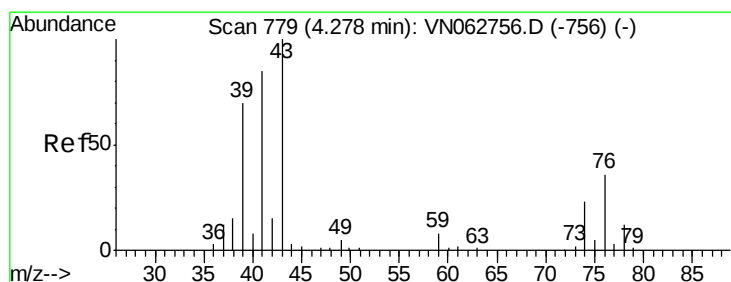
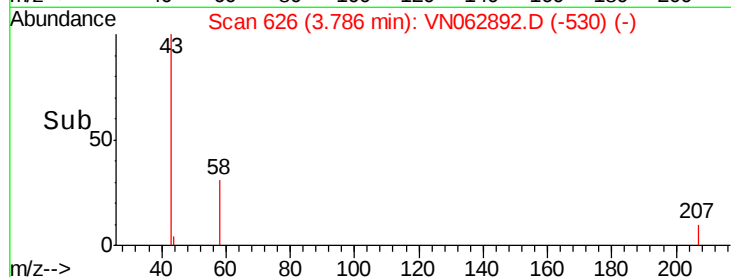
1000

500

0

3.75 3.80 3.85

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062892.D

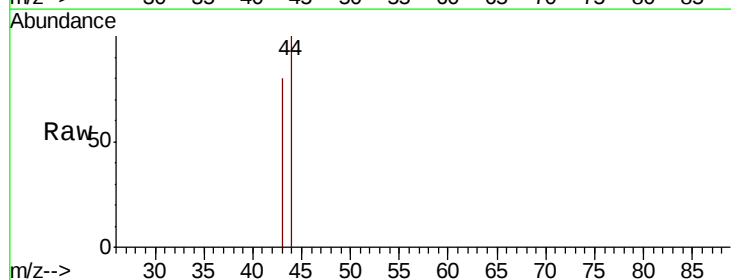
Acq: 13 Aug 2020 6:22

Tgt Ion: 43 Resp: 390

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) (-)

4.27

400

300

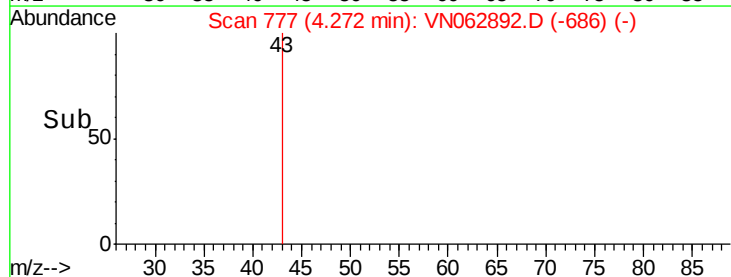
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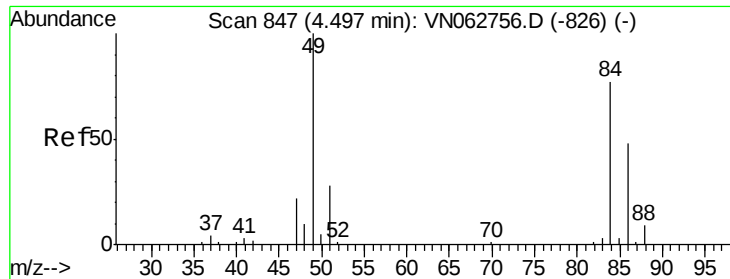
100

0

4.26 4.28

Time-->

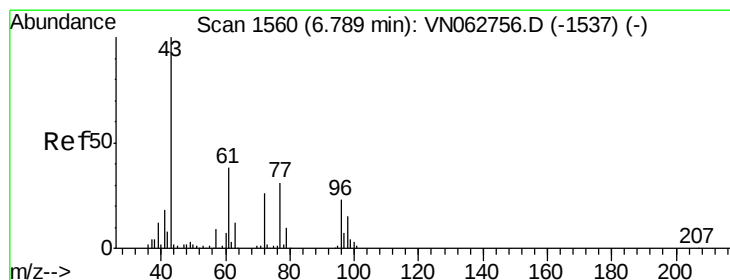
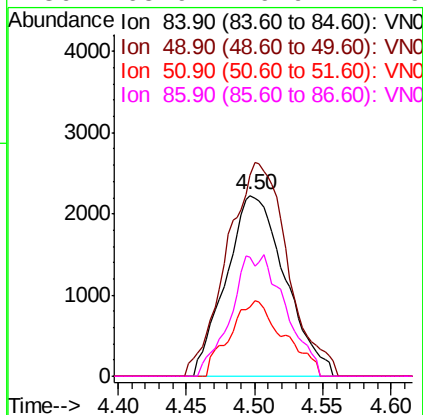
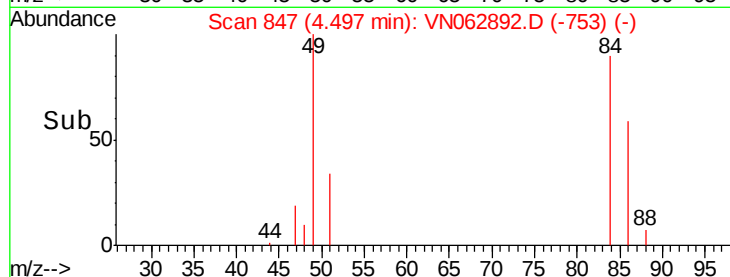
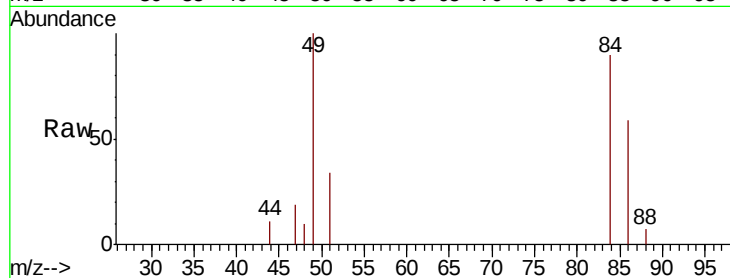




#20
Methvlene Chloride
Concen: 4.340 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

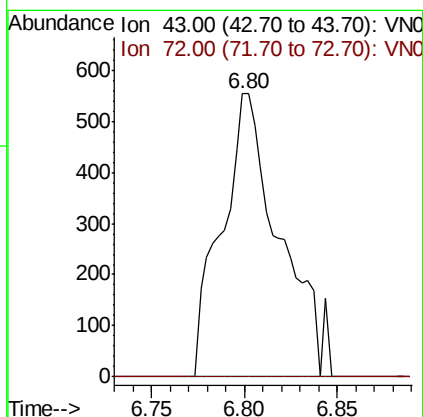
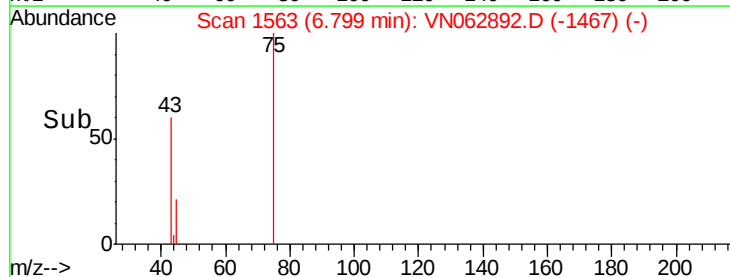
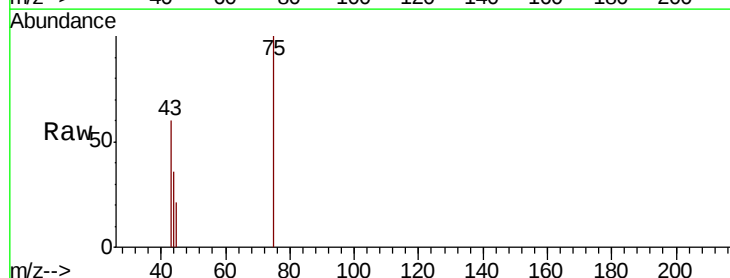
Instrument :
MSVOA_N
ClientSampled :
BS-STOCK-3

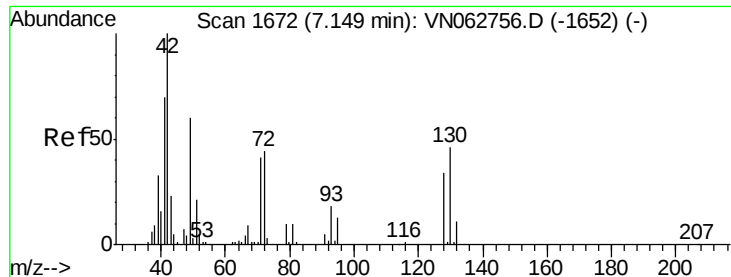
Tot Ion: 84 Resp: 6715
Ion Ratio Lower Upper
84 100
49 110.9 103.4 155.2
51 38.1 29.3 43.9
86 65.9 49.9 74.9



#25
2-Butanone
Concen: 1.174 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#





#28

Bromochloromethane

Concen: 0.366 ug/l

RT: 7.32 min Scan# 1725

Delta R.T. 0.17 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-3

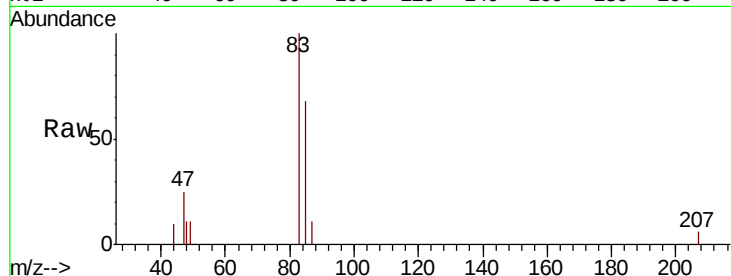
Tot Ion: 49 Resp: 471

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.2

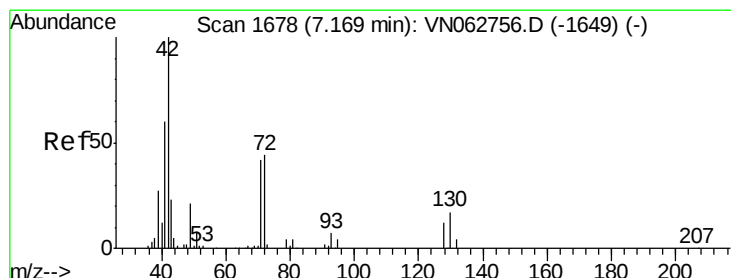
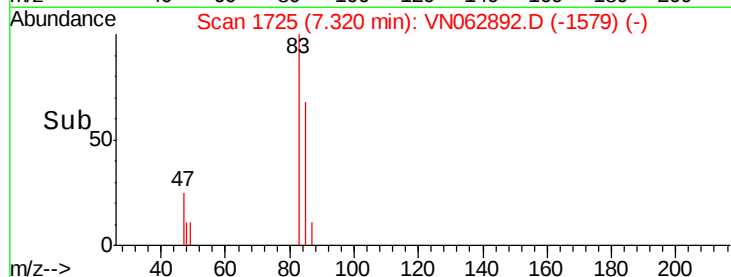
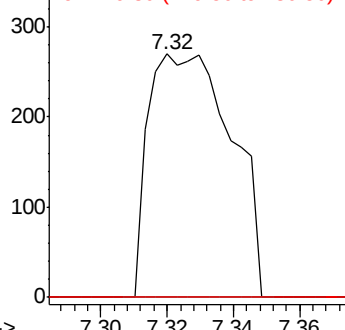
130 0.0 59.0 88.6#



Abundance Ion 48.90 (48.60 to 49.60): VNO

Ion 128.80 (128.50 to 129.50): VNO

Ion 129.80 (129.50 to 130.50): VNO



#29

Tetrahydrofuran

Concen: 0.441 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

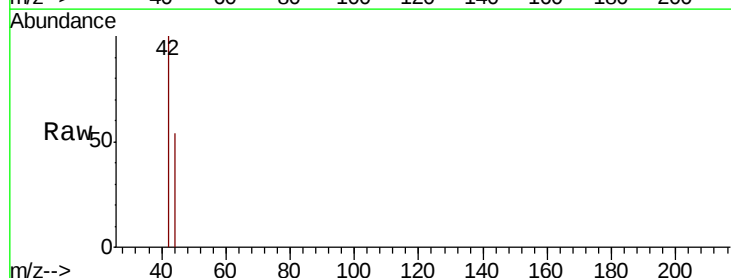
Tgt Ion: 42 Resp: 296

Ion Ratio Lower Upper

42 100

72 19.9 35.0 52.4#

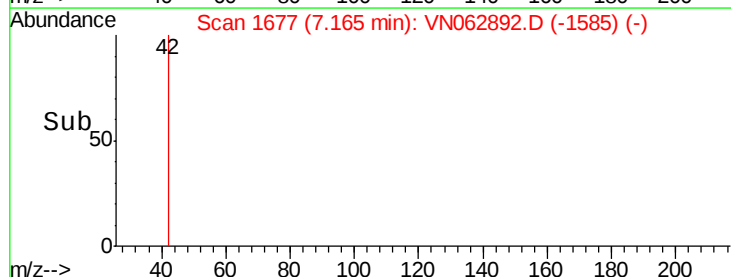
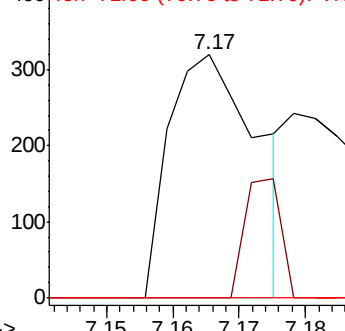
71 0.0 33.2 49.8#

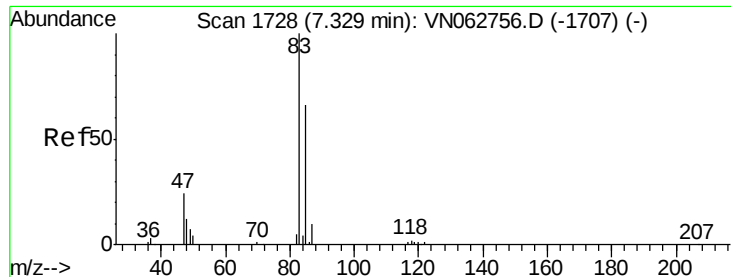


Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO

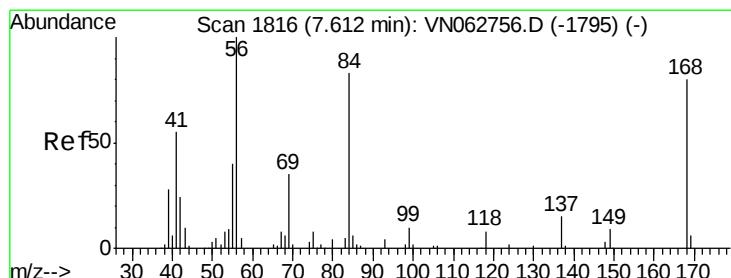
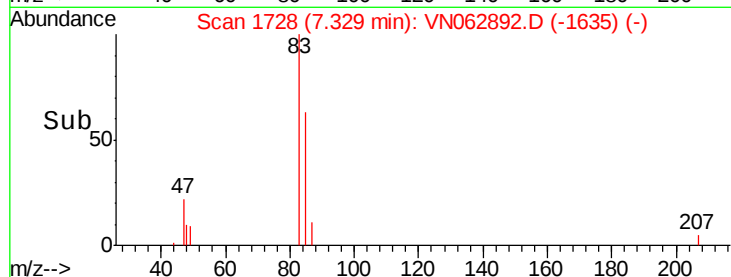
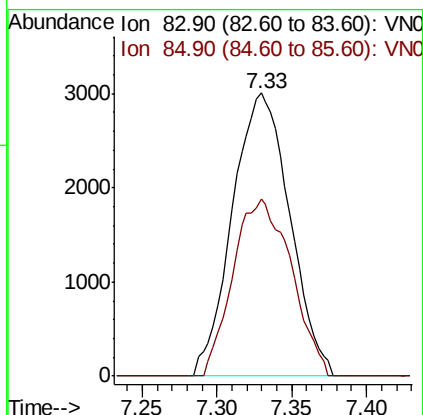
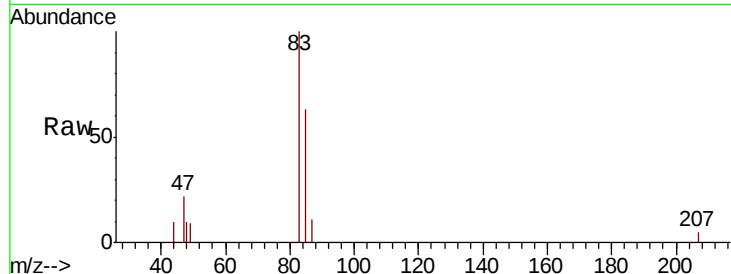




#30
Chloroform
Concen: 2.835 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

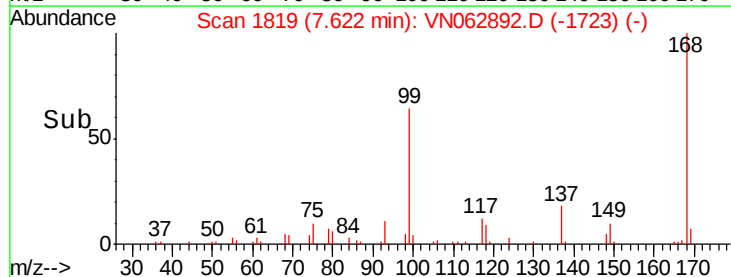
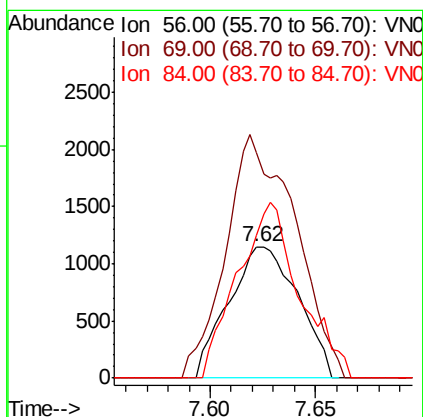
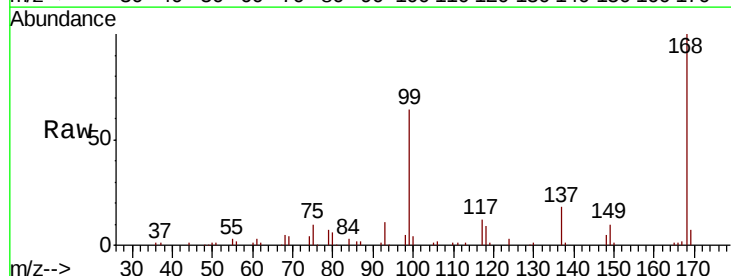
Instrument :
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BS-STOCK-3

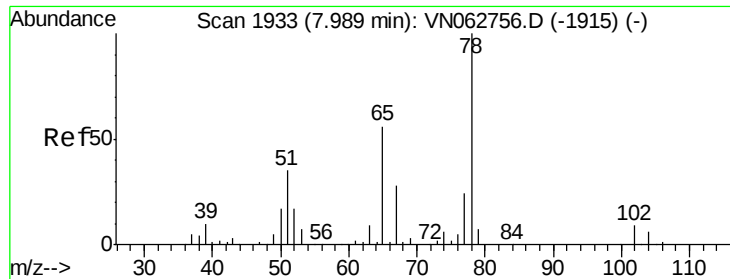
Tot Ion: 83 Resp: 8025
Ion Ratio Lower Upper
83 100
85 62.7 52.7 79.1



#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

Tgt Ion: 56 Resp: 2628
Ion Ratio Lower Upper
56 100
69 158.0 28.1 42.1#
84 108.9 66.8 100.2#

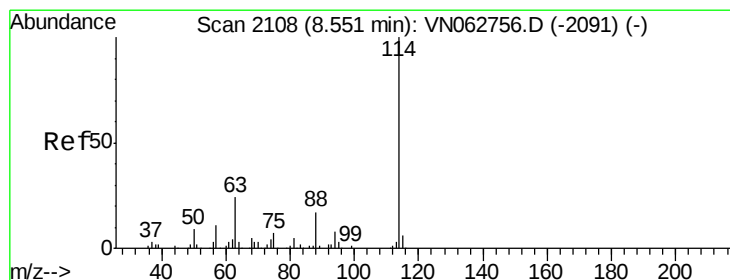
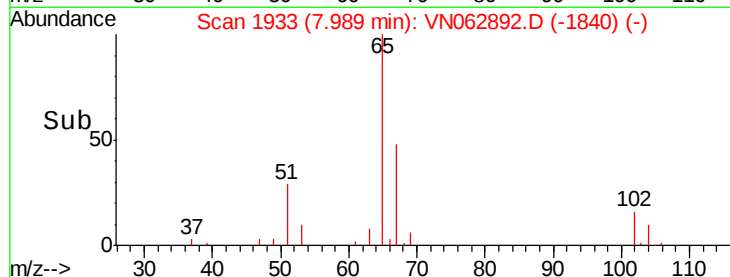
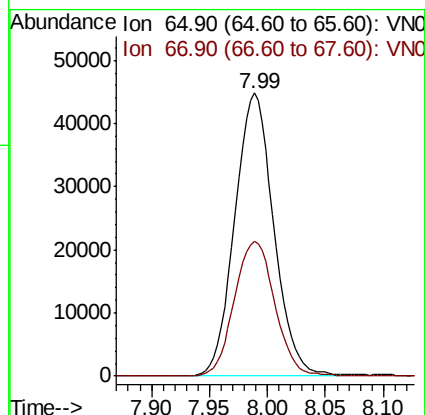
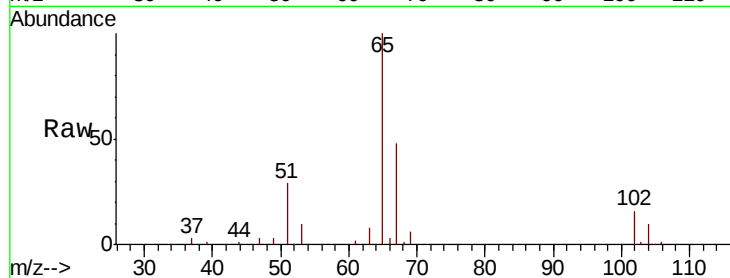




#33
 1,2-Dichloroethane-d4
 Concen: 51.921 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062892.D
 Acq: 13 Aug 2020 6:22

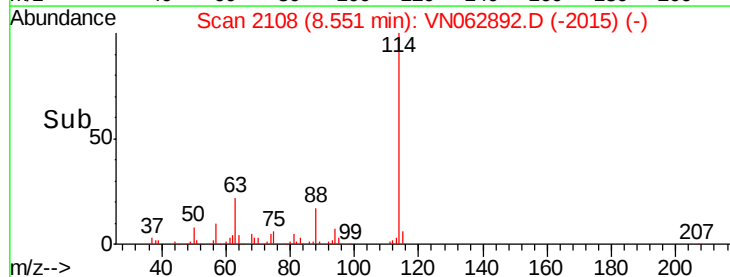
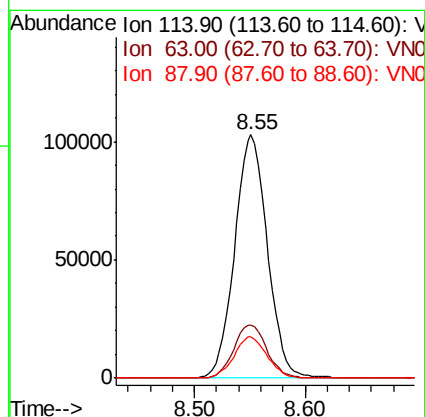
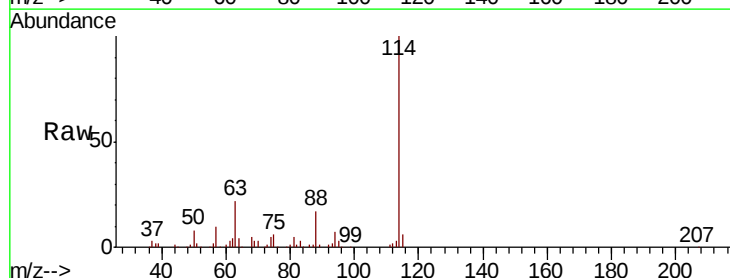
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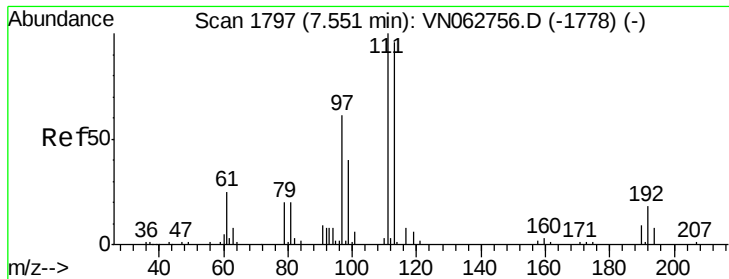
Tot Ion: 65 Resp: 104722
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062892.D
 Acq: 13 Aug 2020 6:22

Tgt Ion: 114 Resp: 211250
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.6
 88 16.9 0.0 34.4

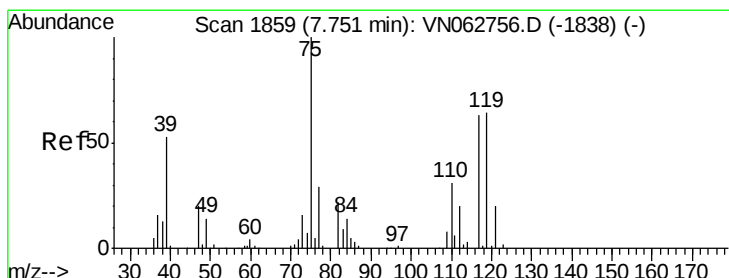
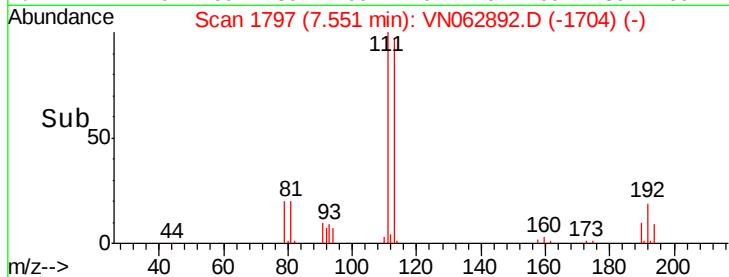
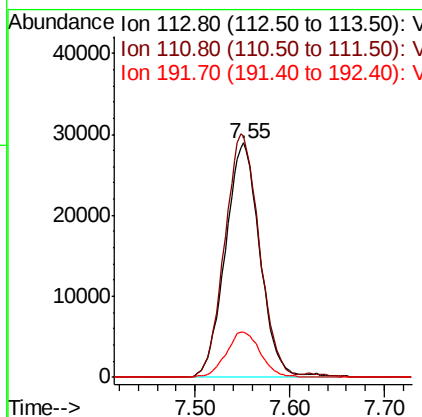
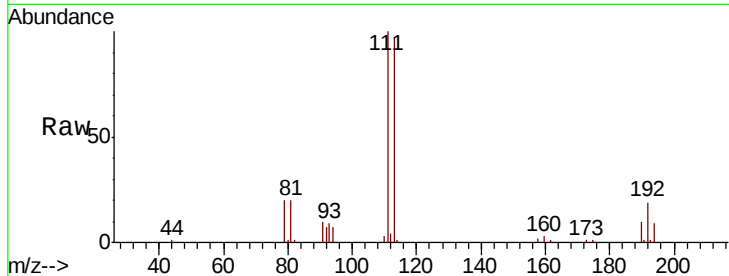




#35
 Dibromofluoromethane
 Concen: 50.806 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062892.D
 Acq: 13 Aug 2020 6:22

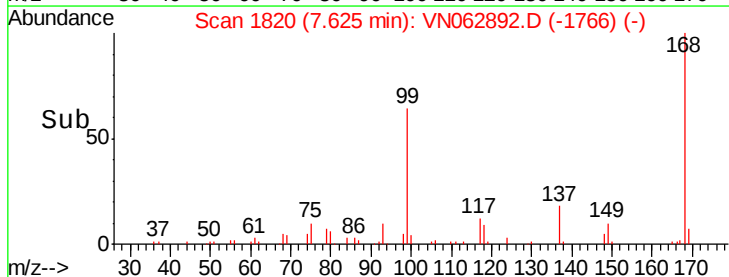
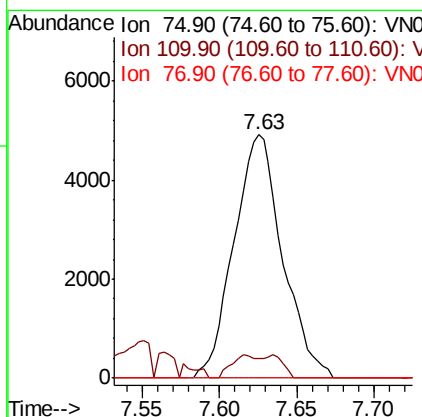
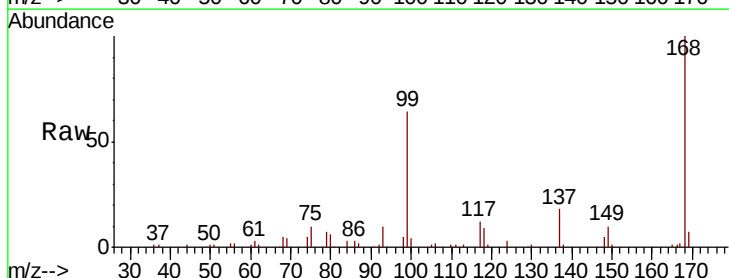
Instrument :
 MSVOA_N
 ClientSampleId :
 BS-STOCK-3

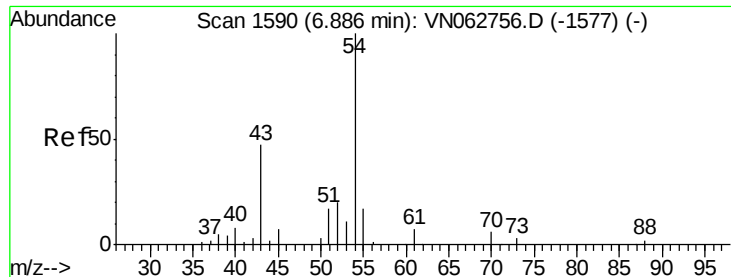
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	19.1	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 5.223 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062892.D
 Acq: 13 Aug 2020 6:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.0	15.6	46.7#
77	0.0	24.1	36.1#

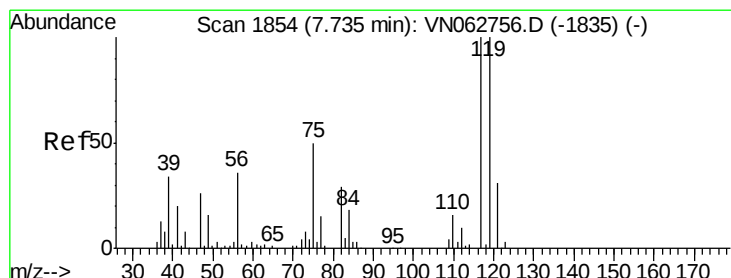
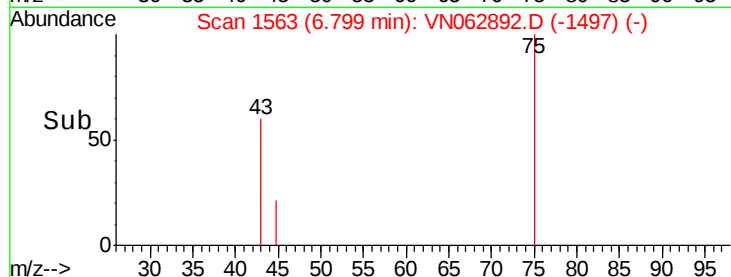
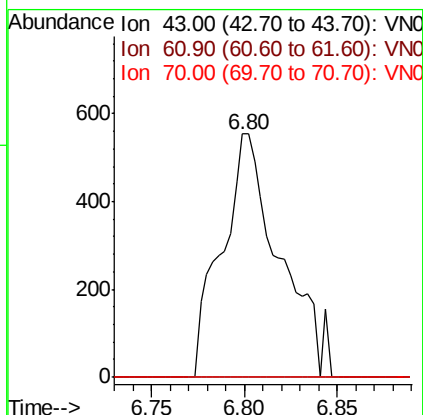
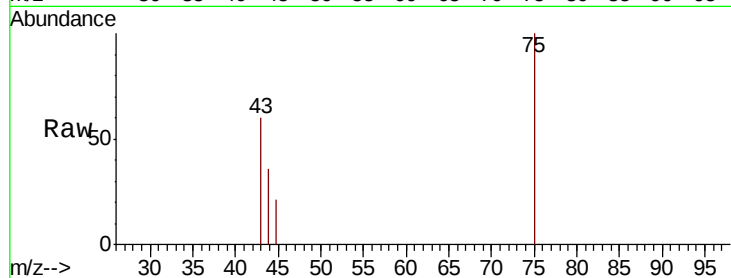




#37
Ethyl Acetate
Concen: 0.564 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.09 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

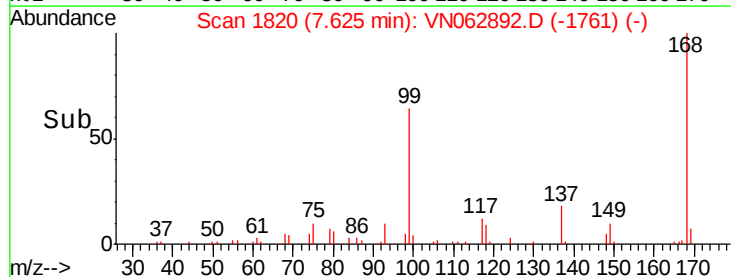
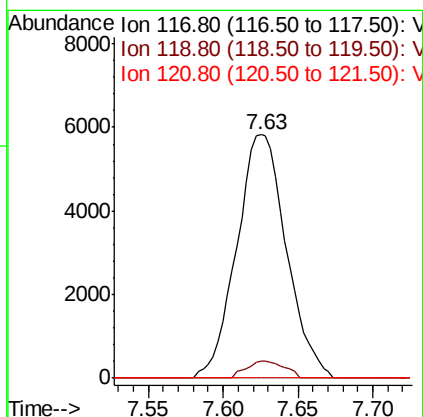
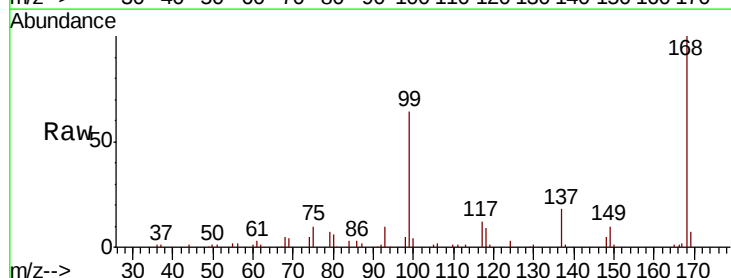
Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-3

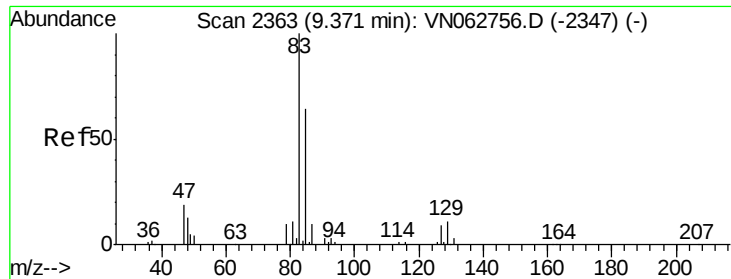
Tot Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

Tgt Ion: 117 Resp: 13440
Ion Ratio Lower Upper
117 100
119 7.2 79.4 119.2#
121 0.0 24.9 37.3#





#47

Bromodichloromethane

Concen: 0.452 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-3

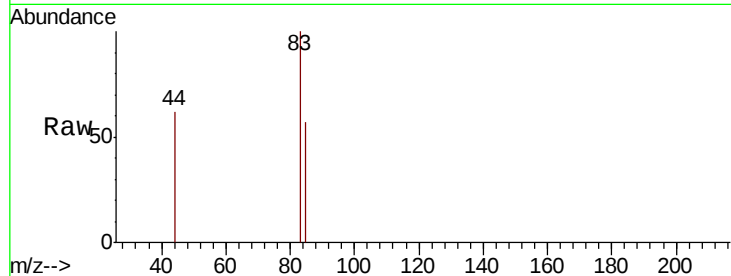
Tot Ion: 83 Resp: 1105

Ion Ratio Lower Upper

83 100

85 57.2 51.4 77.0

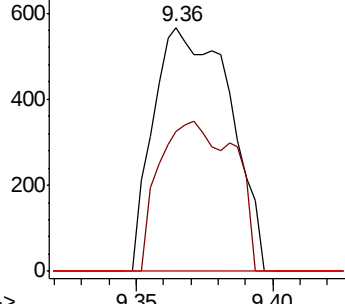
127 0.0 6.9 10.3#



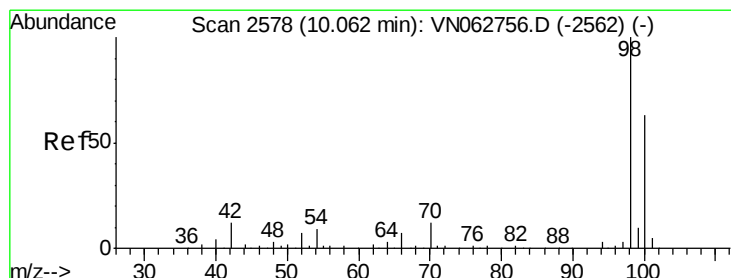
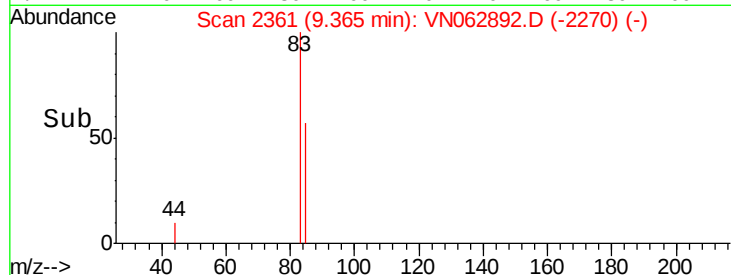
Abundance Ion 82.90 (82.60 to 83.60): VN062892.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062892.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062892.D (-2270) (-)



Time-->



#50

Toluene-d8

Concen: 48.449 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062892.D

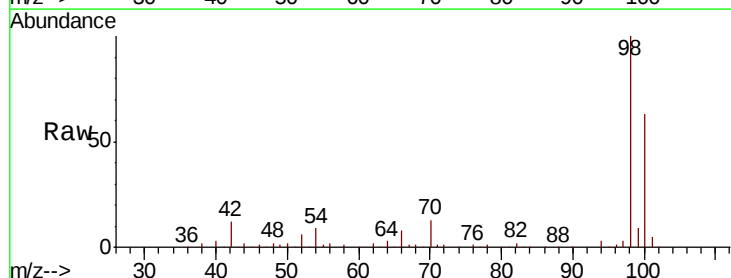
Acq: 13 Aug 2020 6:22

Tgt Ion: 98 Resp: 273333

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062892.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062892.D (-2485) (-)

Ion 102.00 (101.70 to 102.70): VN062892.D (-2485) (-)

Ion 104.00 (103.70 to 104.70): VN062892.D (-2485) (-)

Ion 106.00 (105.70 to 106.70): VN062892.D (-2485) (-)

Ion 108.00 (107.70 to 108.70): VN062892.D (-2485) (-)

Ion 110.00 (109.70 to 110.70): VN062892.D (-2485) (-)

Ion 112.00 (111.70 to 112.70): VN062892.D (-2485) (-)

Ion 114.00 (113.70 to 114.70): VN062892.D (-2485) (-)

Ion 116.00 (115.70 to 116.70): VN062892.D (-2485) (-)

Ion 118.00 (117.70 to 118.70): VN062892.D (-2485) (-)

Ion 120.00 (119.70 to 120.70): VN062892.D (-2485) (-)

Ion 122.00 (121.70 to 122.70): VN062892.D (-2485) (-)

Ion 124.00 (123.70 to 124.70): VN062892.D (-2485) (-)

Ion 126.00 (125.70 to 126.70): VN062892.D (-2485) (-)

Ion 128.00 (127.70 to 128.70): VN062892.D (-2485) (-)

Ion 130.00 (129.70 to 130.70): VN062892.D (-2485) (-)

Ion 132.00 (131.70 to 132.70): VN062892.D (-2485) (-)

Ion 134.00 (133.70 to 134.70): VN062892.D (-2485) (-)

Ion 136.00 (135.70 to 136.70): VN062892.D (-2485) (-)

Ion 138.00 (137.70 to 138.70): VN062892.D (-2485) (-)

Ion 140.00 (139.70 to 140.70): VN062892.D (-2485) (-)

Ion 142.00 (141.70 to 142.70): VN062892.D (-2485) (-)

Ion 144.00 (143.70 to 144.70): VN062892.D (-2485) (-)

Ion 146.00 (145.70 to 146.70): VN062892.D (-2485) (-)

Ion 148.00 (147.70 to 148.70): VN062892.D (-2485) (-)

Ion 150.00 (149.70 to 150.70): VN062892.D (-2485) (-)

Ion 152.00 (151.70 to 152.70): VN062892.D (-2485) (-)

Ion 154.00 (153.70 to 154.70): VN062892.D (-2485) (-)

Ion 156.00 (155.70 to 156.70): VN062892.D (-2485) (-)

Ion 158.00 (157.70 to 158.70): VN062892.D (-2485) (-)

Ion 160.00 (159.70 to 160.70): VN062892.D (-2485) (-)

Ion 162.00 (161.70 to 162.70): VN062892.D (-2485) (-)

Ion 164.00 (163.70 to 164.70): VN062892.D (-2485) (-)

Ion 166.00 (165.70 to 166.70): VN062892.D (-2485) (-)

Ion 168.00 (167.70 to 168.70): VN062892.D (-2485) (-)

Ion 170.00 (169.70 to 170.70): VN062892.D (-2485) (-)

Ion 172.00 (171.70 to 172.70): VN062892.D (-2485) (-)

Ion 174.00 (173.70 to 174.70): VN062892.D (-2485) (-)

Ion 176.00 (175.70 to 176.70): VN062892.D (-2485) (-)

Ion 178.00 (177.70 to 178.70): VN062892.D (-2485) (-)

Ion 180.00 (179.70 to 180.70): VN062892.D (-2485) (-)

Ion 182.00 (181.70 to 182.70): VN062892.D (-2485) (-)

Ion 184.00 (183.70 to 184.70): VN062892.D (-2485) (-)

Ion 186.00 (185.70 to 186.70): VN062892.D (-2485) (-)

Ion 188.00 (187.70 to 188.70): VN062892.D (-2485) (-)

Ion 190.00 (189.70 to 190.70): VN062892.D (-2485) (-)

Ion 192.00 (191.70 to 192.70): VN062892.D (-2485) (-)

Ion 194.00 (193.70 to 194.70): VN062892.D (-2485) (-)

Ion 196.00 (195.70 to 196.70): VN062892.D (-2485) (-)

Ion 198.00 (197.70 to 198.70): VN062892.D (-2485) (-)

Ion 200.00 (199.70 to 200.70): VN062892.D (-2485) (-)

Ion 202.00 (201.70 to 202.70): VN062892.D (-2485) (-)

Ion 204.00 (203.70 to 204.70): VN062892.D (-2485) (-)

Ion 206.00 (205.70 to 206.70): VN062892.D (-2485) (-)

Ion 208.00 (207.70 to 208.70): VN062892.D (-2485) (-)

Ion 210.00 (209.70 to 210.70): VN062892.D (-2485) (-)

Ion 212.00 (211.70 to 212.70): VN062892.D (-2485) (-)

Ion 214.00 (213.70 to 214.70): VN062892.D (-2485) (-)

Ion 216.00 (215.70 to 216.70): VN062892.D (-2485) (-)

Ion 218.00 (217.70 to 218.70): VN062892.D (-2485) (-)

Ion 220.00 (219.70 to 220.70): VN062892.D (-2485) (-)

Ion 222.00 (221.70 to 222.70): VN062892.D (-2485) (-)

Ion 224.00 (223.70 to 224.70): VN062892.D (-2485) (-)

Ion 226.00 (225.70 to 226.70): VN062892.D (-2485) (-)

Ion 228.00 (227.70 to 228.70): VN062892.D (-2485) (-)

Ion 230.00 (229.70 to 230.70): VN062892.D (-2485) (-)

Ion 232.00 (231.70 to 232.70): VN062892.D (-2485) (-)

Ion 234.00 (233.70 to 234.70): VN062892.D (-2485) (-)

Ion 236.00 (235.70 to 236.70): VN062892.D (-2485) (-)

Ion 238.00 (237.70 to 238.70): VN062892.D (-2485) (-)

Ion 240.00 (239.70 to 240.70): VN062892.D (-2485) (-)

Ion 242.00 (241.70 to 242.70): VN062892.D (-2485) (-)

Ion 244.00 (243.70 to 244.70): VN062892.D (-2485) (-)

Ion 246.00 (245.70 to 246.70): VN062892.D (-2485) (-)

Ion 248.00 (247.70 to 248.70): VN062892.D (-2485) (-)

Ion 250.00 (249.70 to 250.70): VN062892.D (-2485) (-)

Ion 252.00 (251.70 to 252.70): VN062892.D (-2485) (-)

Ion 254.00 (253.70 to 254.70): VN062892.D (-2485) (-)

Ion 256.00 (255.70 to 256.70): VN062892.D (-2485) (-)

Ion 258.00 (257.70 to 258.70): VN062892.D (-2485) (-)

Ion 260.00 (259.70 to 260.70): VN062892.D (-2485) (-)

Ion 262.00 (261.70 to 262.70): VN062892.D (-2485) (-)

Ion 264.00 (263.70 to 264.70): VN062892.D (-2485) (-)

Ion 266.00 (265.70 to 266.70): VN062892.D (-2485) (-)

Ion 268.00 (267.70 to 268.70): VN062892.D (-2485) (-)

Ion 270.00 (269.70 to 270.70): VN062892.D (-2485) (-)

Ion 272.00 (271.70 to 272.70): VN062892.D (-2485) (-)

Ion 274.00 (273.70 to 274.70): VN062892.D (-2485) (-)

Ion 276.00 (275.70 to 276.70): VN062892.D (-2485) (-)

Ion 278.00 (277.70 to 278.70): VN062892.D (-2485) (-)

Ion 280.00 (279.70 to 280.70): VN062892.D (-2485) (-)

Ion 282.00 (281.70 to 282.70): VN062892.D (-2485) (-)

Ion 284.00 (283.70 to 284.70): VN062892.D (-2485) (-)

Ion 286.00 (285.70 to 286.70): VN062892.D (-2485) (-)

Ion 288.00 (287.70 to 288.70): VN062892.D (-2485) (-)

Ion 290.00 (289.70 to 290.70): VN062892.D (-2485) (-)

Ion 292.00 (291.70 to 292.70): VN062892.D (-2485) (-)

Ion 294.00 (293.70 to 294.70): VN062892.D (-2485) (-)

Ion 296.00 (295.70 to 296.70): VN062892.D (-2485) (-)

Ion 298.00 (297.70 to 298.70): VN062892.D (-2485) (-)

Ion 300.00 (299.70 to 300.70): VN062892.D (-2485) (-)

Ion 302.00 (301.70 to 302.70): VN062892.D (-2485) (-)

Ion 304.00 (303.70 to 304.70): VN062892.D (-2485) (-)

Ion 306.00 (305.70 to 306.70): VN062892.D (-2485) (-)

Ion 308.00 (307.70 to 308.70): VN062892.D (-2485) (-)

Ion 310.00 (309.70 to 310.70): VN062892.D (-2485) (-)

Ion 312.00 (311.70 to 312.70): VN062892.D (-2485) (-)

Ion 314.00 (313.70 to 314.70): VN062892.D (-2485) (-)

Ion 316.00 (315.70 to 316.70): VN062892.D (-2485) (-)

Ion 318.00 (317.70 to 318.70): VN062892.D (-2485) (-)

Ion 320.00 (319.70 to 320.70): VN062892.D (-2485) (-)

Ion 322.00 (321.70 to 322.70): VN062892.D (-2485) (-)

Ion 324.00 (323.70 to 324.70): VN062892.D (-2485) (-)

Ion 326.00 (325.70 to 326.70): VN062892.D (-2485) (-)

Ion 328.00 (327.70 to 328.70): VN062892.D (-2485) (-)

Ion 330.00 (329.70 to 330.70): VN062892.D (-2485) (-)

Ion 332.00 (331.70 to 332.70): VN062892.D (-2485) (-)

Ion 334.00 (333.70 to 334.70): VN062892.D (-2485) (-)

Ion 336.00 (335.70 to 336.70): VN062892.D (-2485) (-)

Ion 338.00 (337.70 to 338.70): VN062892.D (-2485) (-)

Ion 340.00 (339.70 to 340.70): VN062892.D (-2485) (-)

Ion 342.00 (341.70 to 342.70): VN062892.D (-2485) (-)

Ion 344.00 (343.70 to 344.70): VN062892.D (-2485) (-)

Ion 346.00 (345.70 to 346.70): VN062892.D (-2485) (-)

Ion 348.00 (347.70 to 348.70): VN062892.D (-2485) (-)

Ion 350.00 (349.70 to 350.70): VN062892.D (-2485) (-)

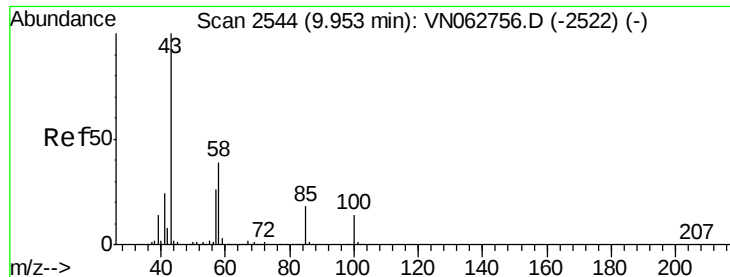
Ion 352.00 (351.70 to 352.70): VN062892.D (-2485) (-)

Ion 354.00 (353.70 to 354.70): VN062892.D (-2485) (-)

Ion 356.00 (355.70 to 356.70): VN062892.D (-2485) (-)

Ion 358.00 (357.70 to 358.70): VN062892.D (-2485) (-)

Ion 360.00 (359.70 to 360.70): VN062892.D (-2485) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.420 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampleId :

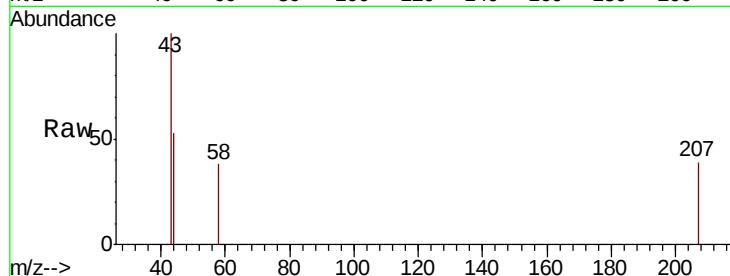
BS-STOCK-3

Tot Ion: 43 Resp: 974

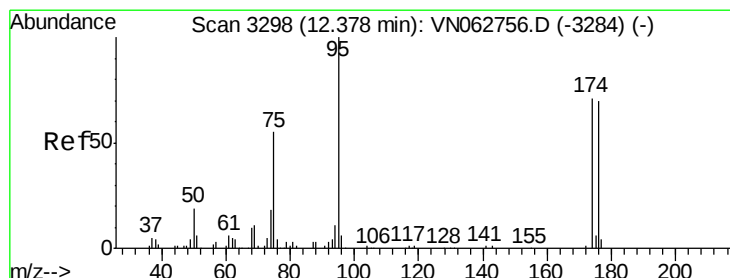
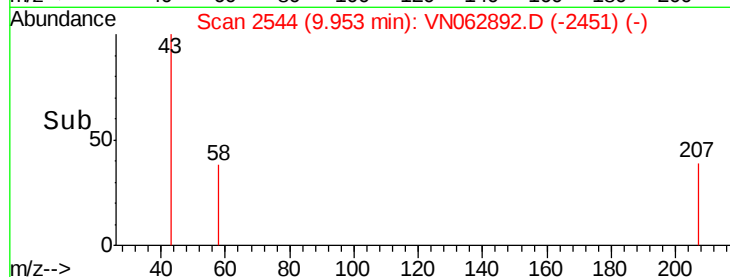
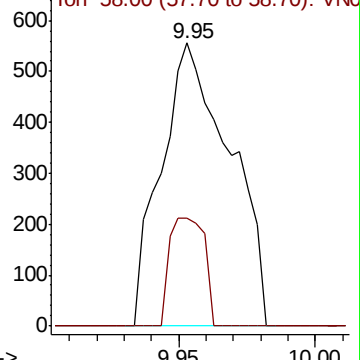
Ion Ratio Lower Upper

43 100

58 19.5 31.1 46.7#



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



#62

4-Bromofluorobenzene

Concen: 45.883 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

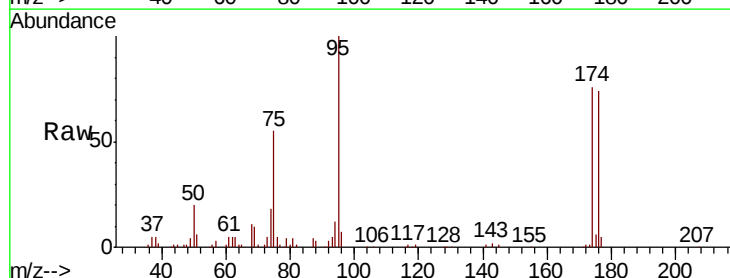
Tgt Ion: 95 Resp: 97823

Ion Ratio Lower Upper

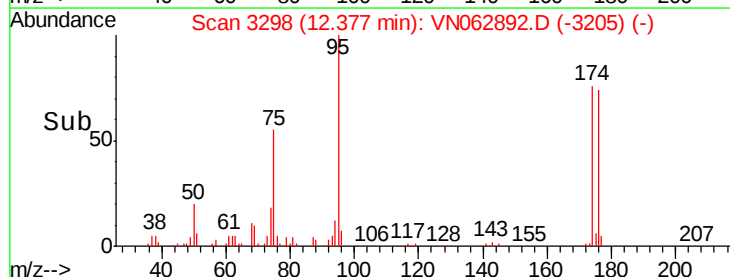
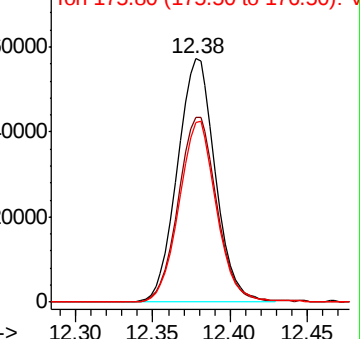
95 100

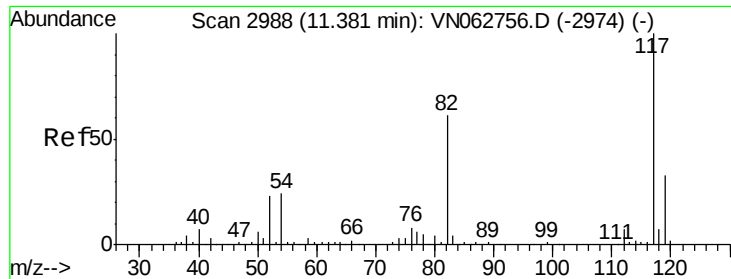
174 77.0 0.0 144.8

176 73.4 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

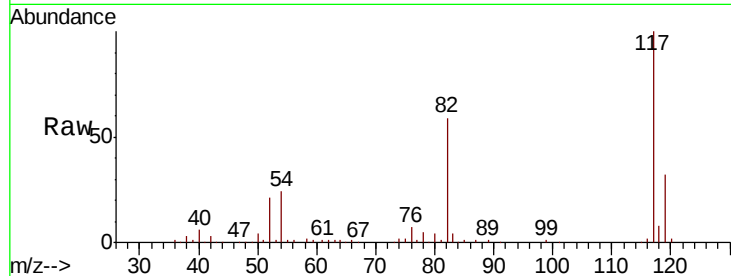




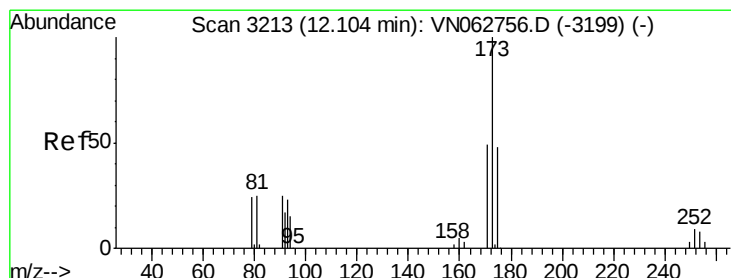
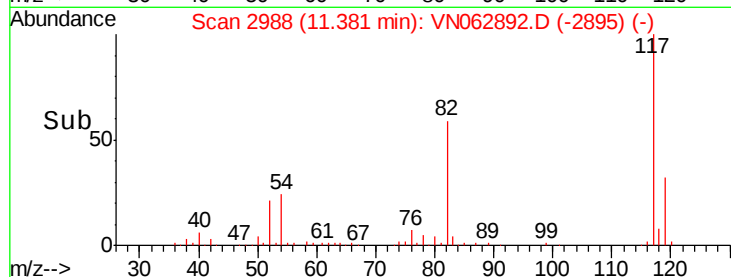
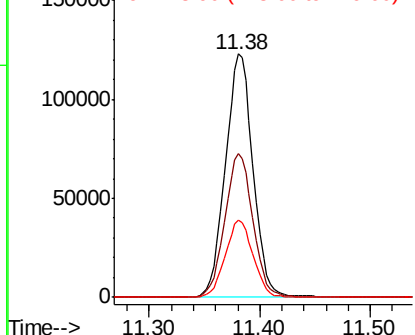
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

Instrument :
MSVOA_N
ClientSampleId :
BS-STOCK-3

Tot Ion:117 Resp: 213321
Ion Ratio Lower Upper
117 100
82 58.8 49.0 73.4
119 31.8 26.2 39.2

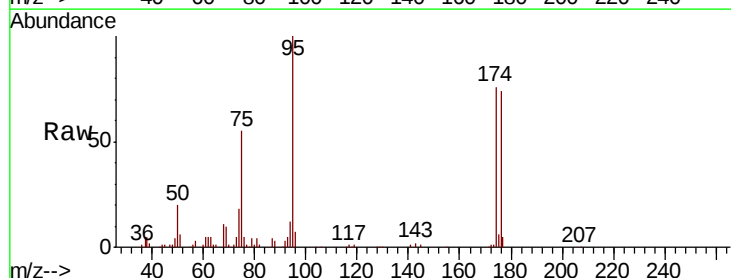


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

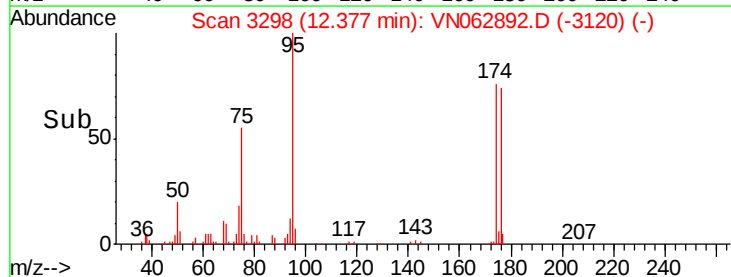
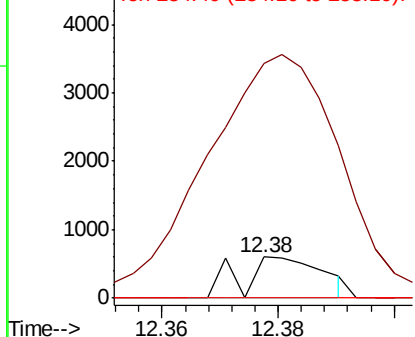


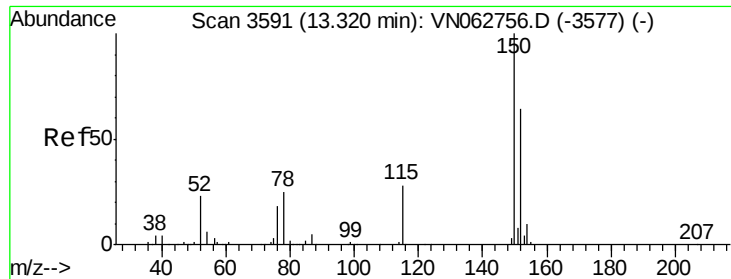
#71
Bromoform
Concen: 0.400 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.27 min
Lab File: VN062892.D
Acq: 13 Aug 2020 6:22

Tgt Ion:173 Resp: 586
Ion Ratio Lower Upper
173 100
175 884.5 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: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampleId :

BS-STOCK-3

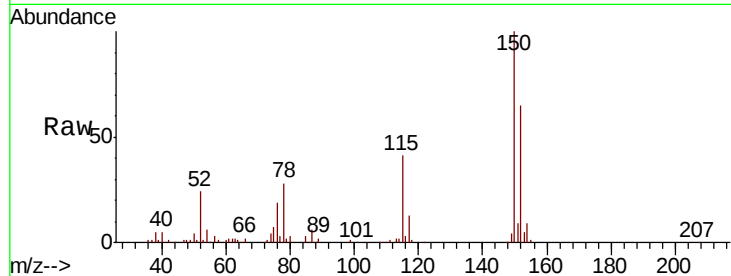
Tot Ion:152 Resp: 80081

Ion Ratio Lower Upper

152 100

115 62.5 31.6 94.8

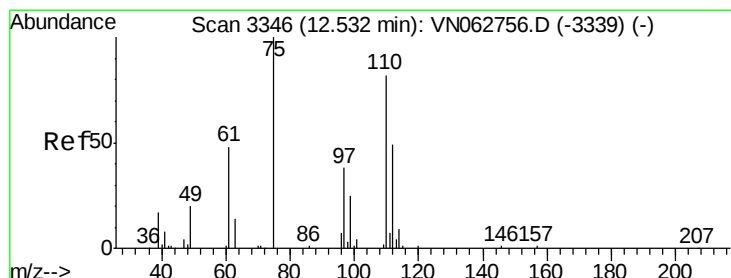
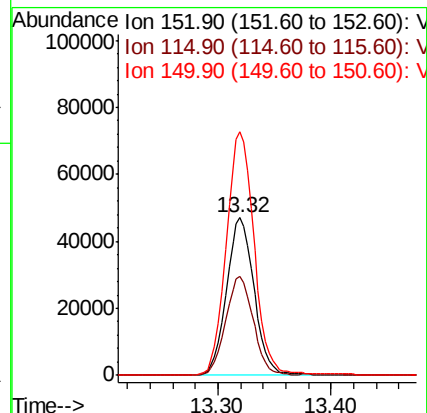
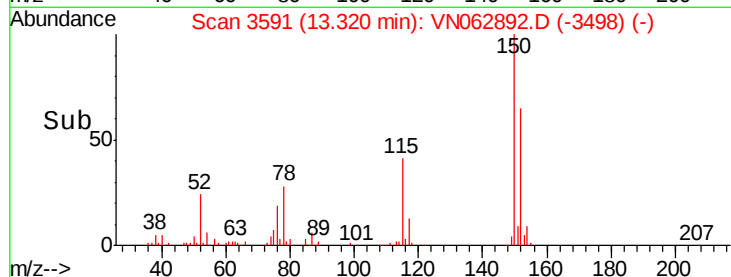
150 155.4 0.0 349.2



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: 24.697 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062892.D

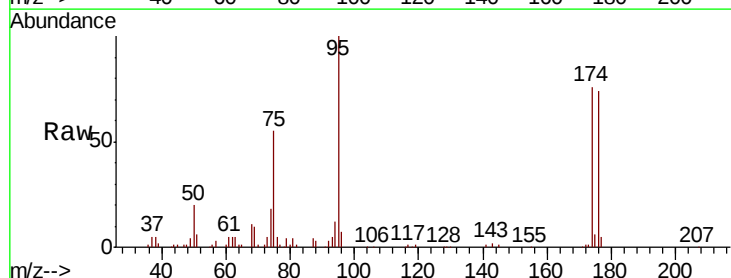
Acq: 13 Aug 2020 6:22

Tgt Ion: 75 Resp: 53339

Ion Ratio Lower Upper

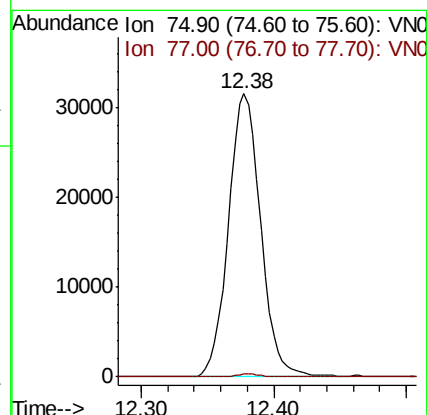
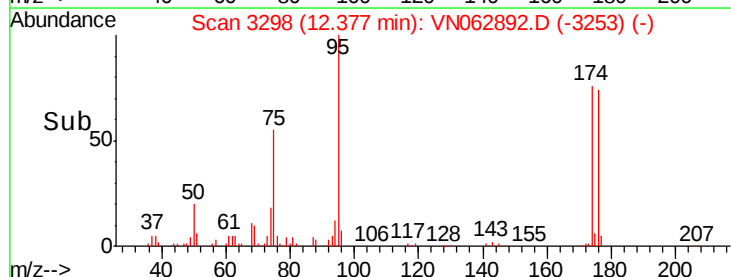
75 100

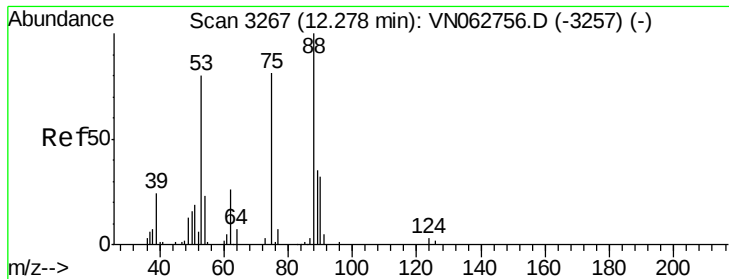
77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 75.394 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

Instrument :

MSVOA_N

ClientSampled :

BS-STOCK-3

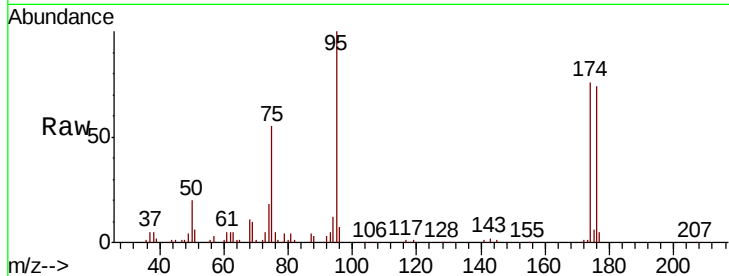
Tot Ion: 75 Resp: 53339

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

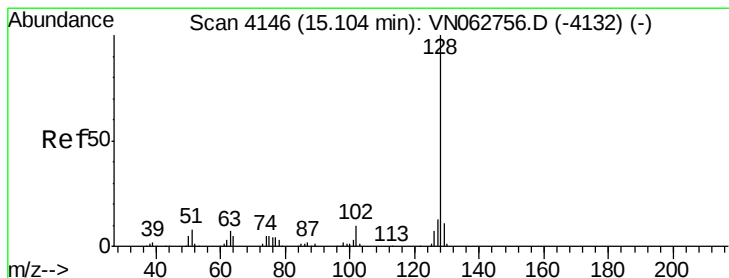
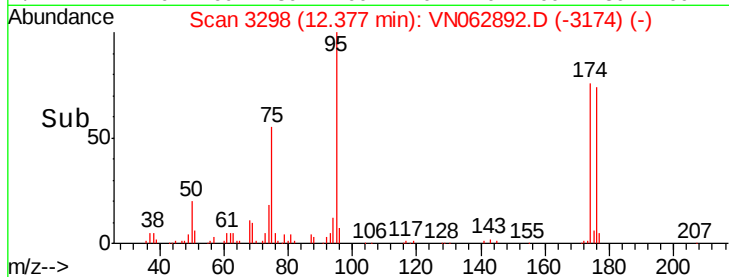
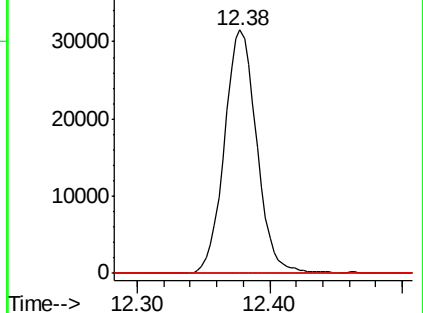
89 0.0 36.2 54.2#



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: 3.839 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN062892.D

Acq: 13 Aug 2020 6:22

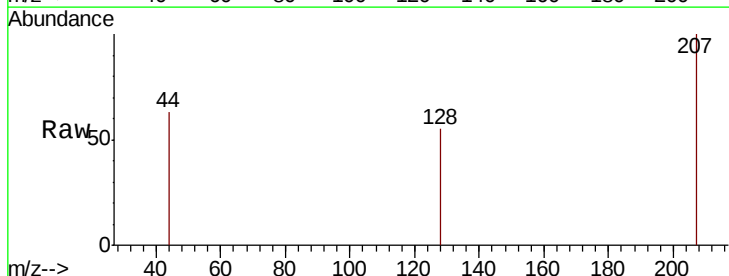
Tgt Ion: 128 Resp: 519

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

