

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053893.D
 Acq On : 21 Feb 2019 15:37
 Operator : JC/SP
 Sample : K1344-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-022019-A

Quant Time: Feb 22 00:37:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1053178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	988599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	386972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	334585	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.59	113	334942	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.09	98	1281644	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.40	95	420026	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.79	59	328	0.830	ug/l #	73
13) Acrolein	3.63	56	73	0.258	ug/l #	14
16) Acetone	3.82	43	23342	13.410	ug/l	94
18) Methyl Acetate	4.34	43	2310	0.562	ug/l #	79
20) Methylene Chloride	4.56	84	50121	7.691	ug/l	99
25) 2-Butanone	6.84	43	1945	0.866	ug/l	95
29) Tetrahydrofuran	7.22	42	790	0.544	ug/l #	47
31) Cyclohexane	7.67	56	8963	0.357	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	34337	3.557	ug/l #	48
37) Ethyl Acetate	6.95	43	89	0.234	ug/l #	67
38) Carbon Tetrachloride	7.67	117	50009	5.186	ug/l #	17
41) Methacrylonitrile	7.21	41	182	Below Cal	#	100
43) Isopropyl Acetate	8.18	43	27364	2.657	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1641	0.225	ug/l #	44
48) Methyl methacrylate	9.18	41	8309	1.882	ug/l #	12
49) 1,4-Dioxane	9.26	88	34	22.654	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7586	7.918	ug/l #	34
52) Toluene	10.16	92	8295	0.490	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	57211	5.401	ug/l #	63
56) Ethyl methacrylate	10.54	69	1214	2.611	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	11114	1.068	ug/l #	43
59) 2-Hexanone	10.77	43	143411	44.392	ug/l #	50
68) m/p-Xylenes	11.62	106	2895	0.223	ug/l	84
71) Bromoform	12.40	173	1877	0.350	ug/l #	1
74) N-amyl acetate	11.88	43	15626	2.496	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	195445	34.405	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11688	0.517	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	195445	113.580	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	20424	0.900	ug/l	100
90) Hexachloroethane	13.89	117	1046	0.231	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	30	2.930	ug/l #	1
95) Naphthalene	15.13	128	78599	9.259	ug/l	98

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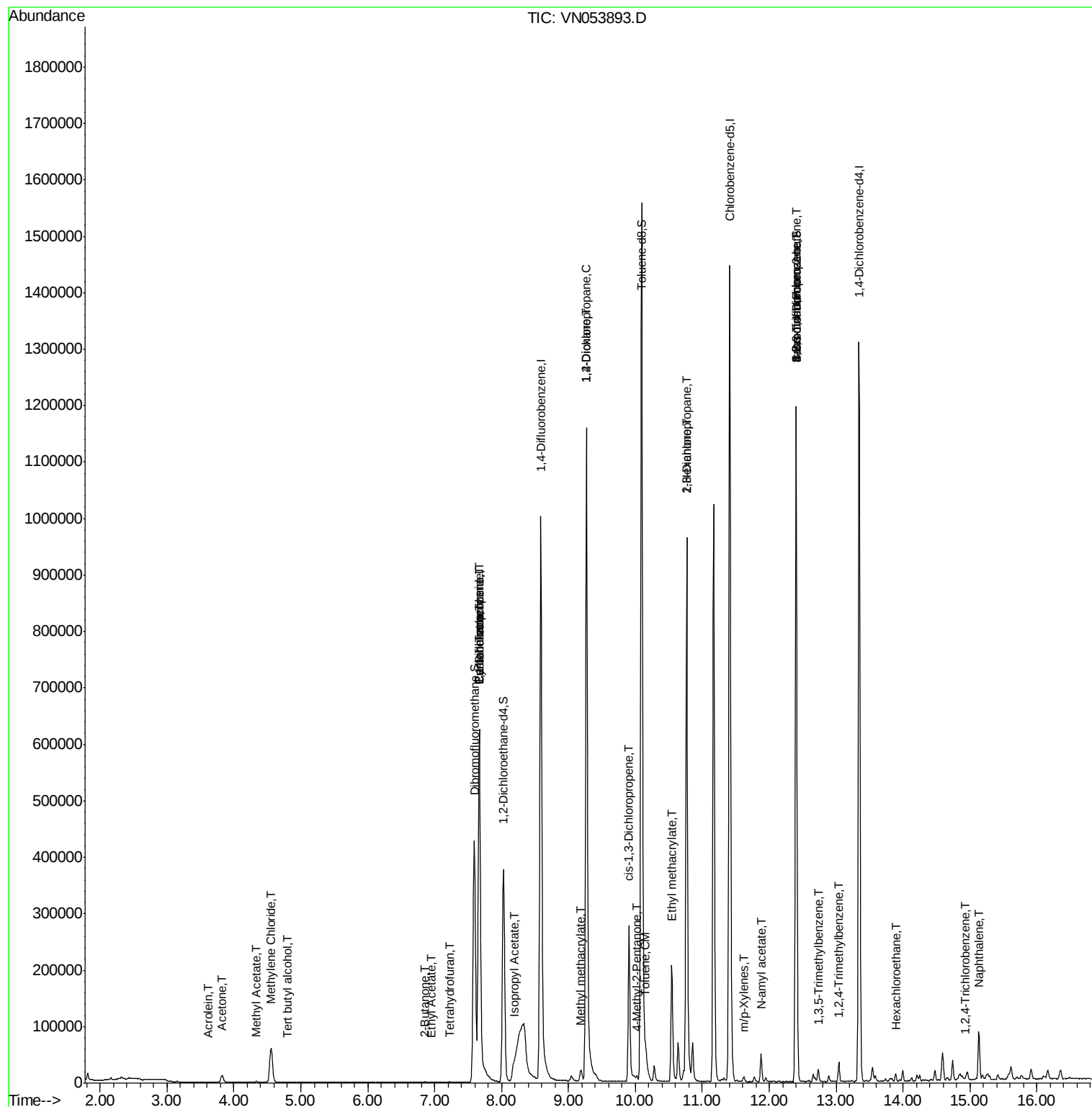
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

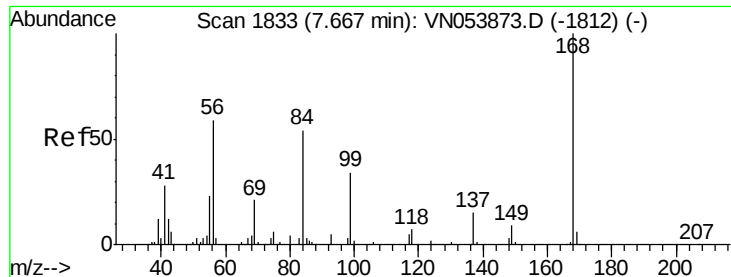
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

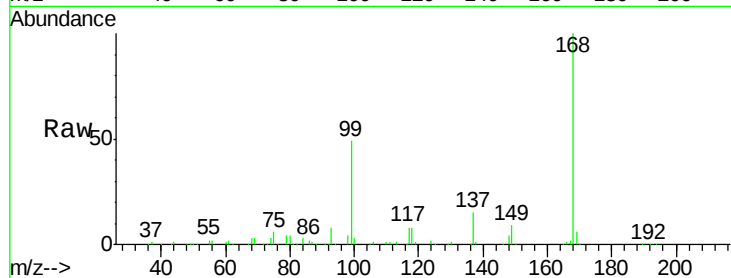
NB-08-022019-A

Tot Ion:168 Resp: 619303

Ion Ratio Lower Upper

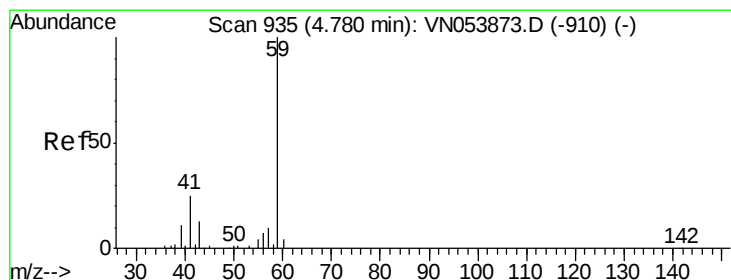
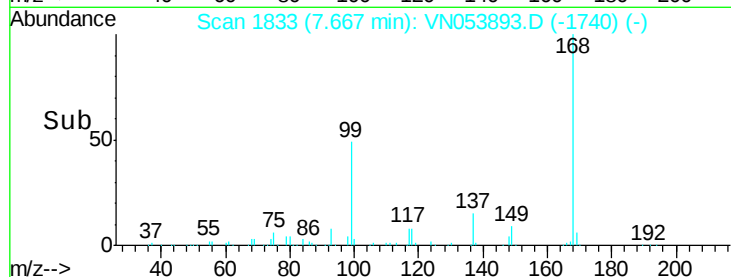
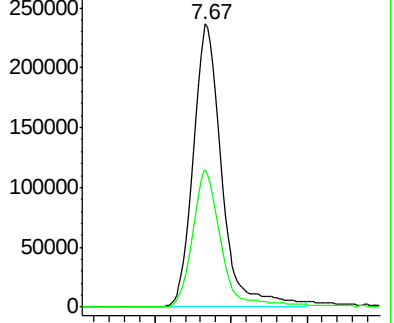
168 100

99 48.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.830 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.01 min

Lab File: VN053893.D

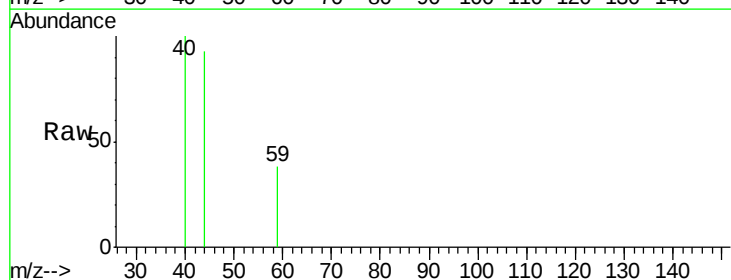
Acq: 21 Feb 2019 15:37

Tgt Ion: 59 Resp: 328

Ion Ratio Lower Upper

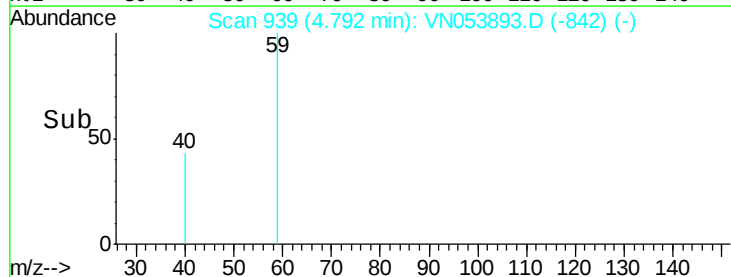
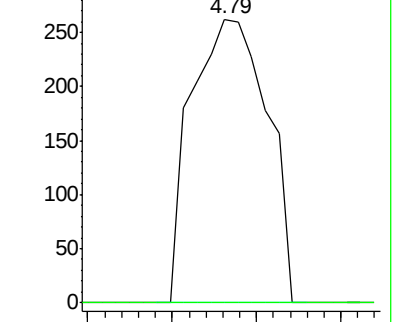
59 100

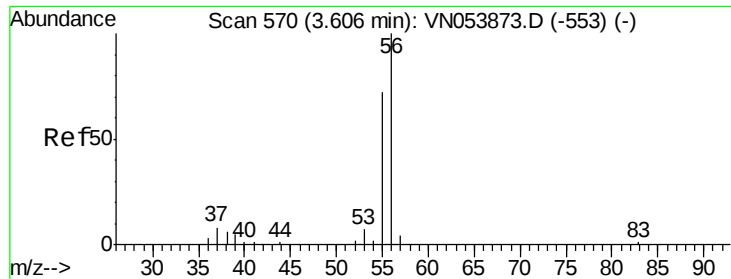
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.258 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

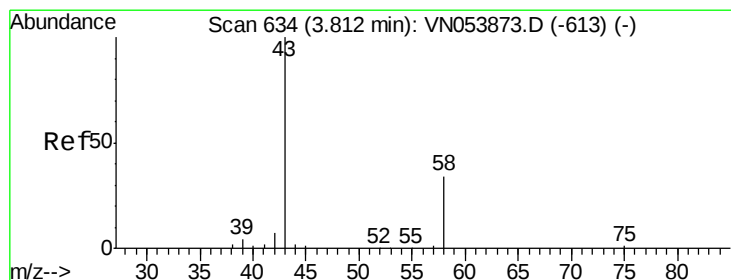
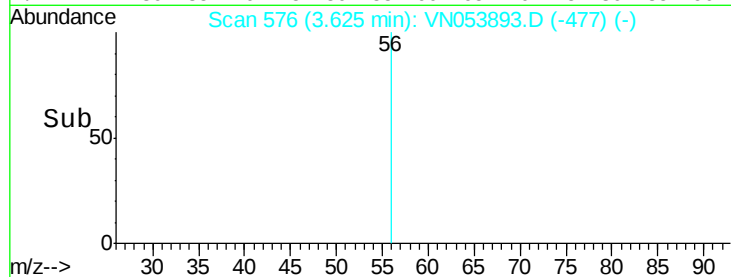
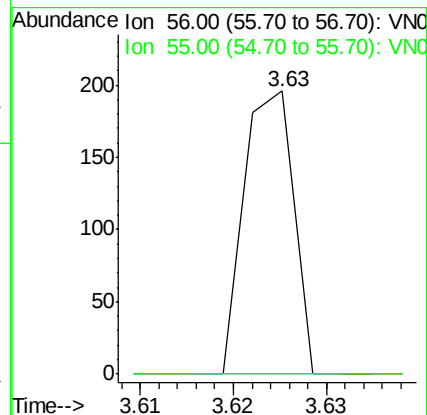
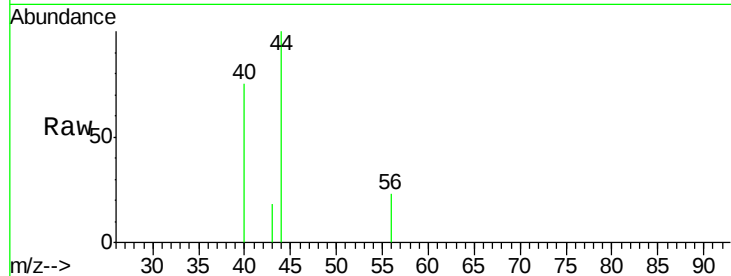
NB-08-022019-A

Tot Ion: 56 Resp: 73

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#



#16

Acetone

Concen: 13.410 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053893.D

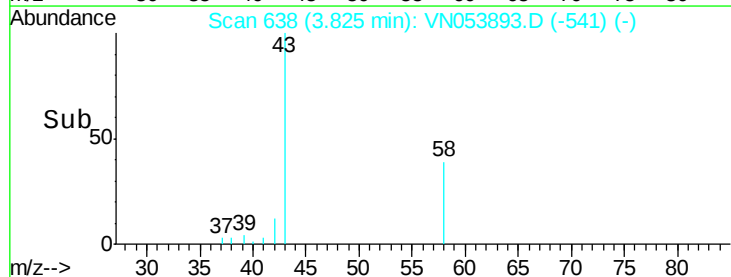
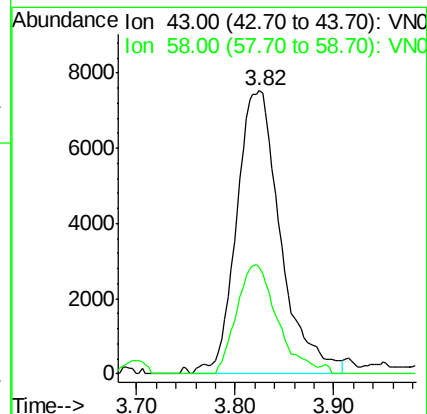
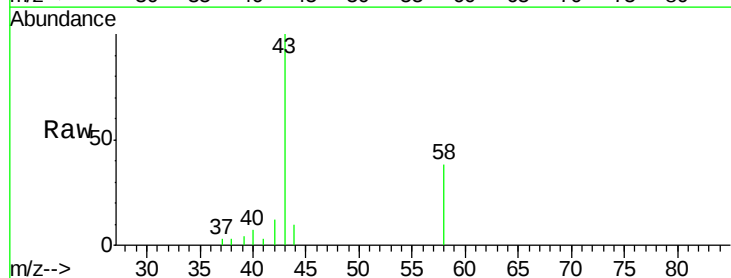
Acq: 21 Feb 2019 15:37

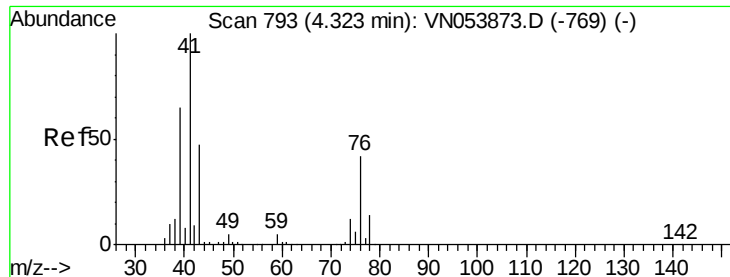
Tgt Ion: 43 Resp: 23342

Ion Ratio Lower Upper

43 100

58 37.7 27.6 41.4

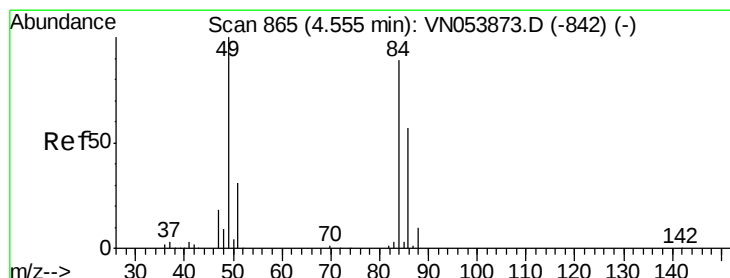
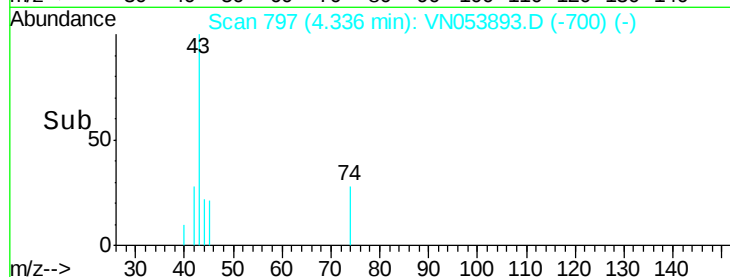
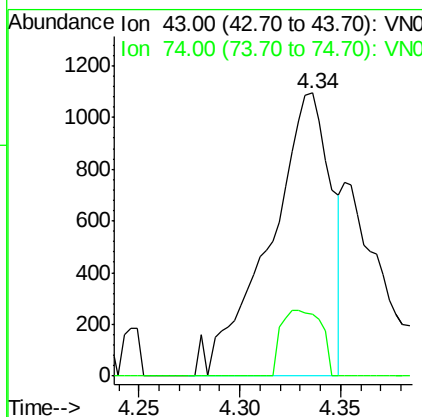
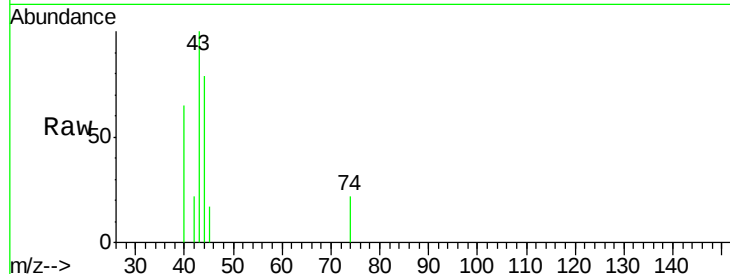




#18
Methyl Acetate
Concen: 0.562 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053893.D
Acq: 21 Feb 2019 15:37

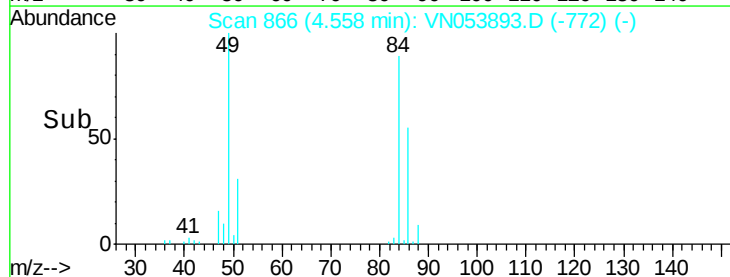
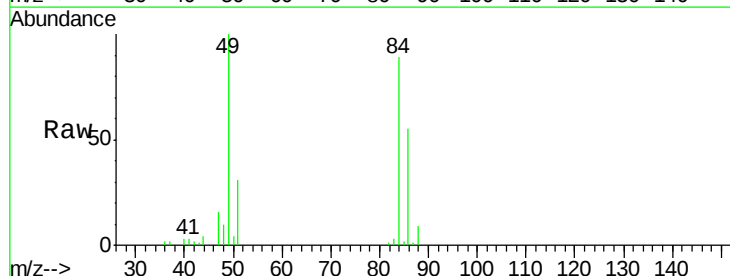
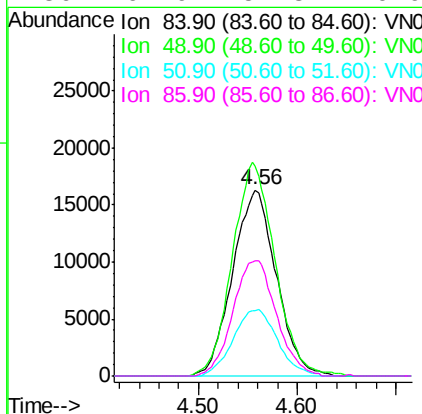
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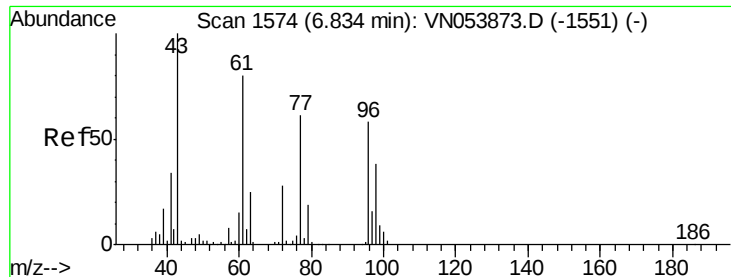
Tot Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
74 15.0 20.5 30.7#



#20
Methylene Chloride
Concen: 7.691 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053893.D
Acq: 21 Feb 2019 15:37

Tgt Ion: 84 Resp: 50121
Ion Ratio Lower Upper
84 100
49 112.6 89.7 134.5
51 35.4 27.8 41.8
86 61.9 51.3 76.9

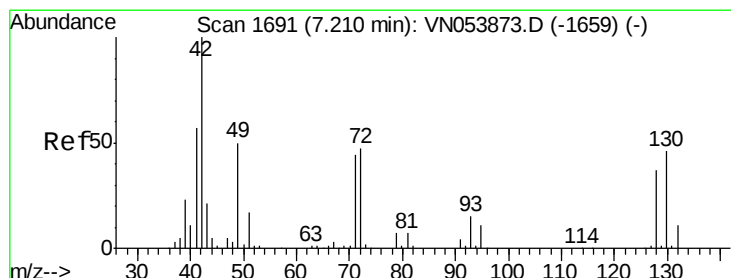
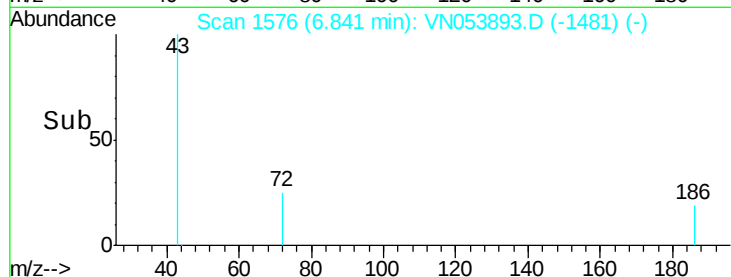
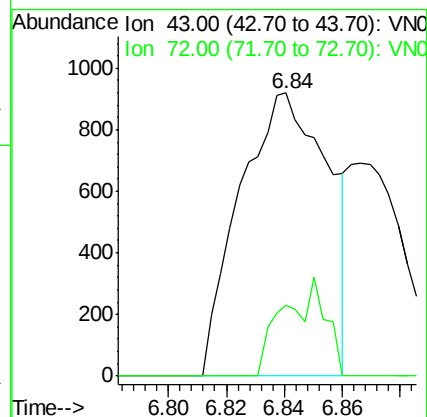
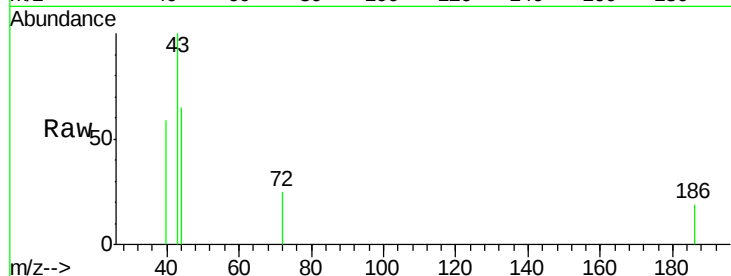




#25
 2-Butanone
 Concen: 0.866 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

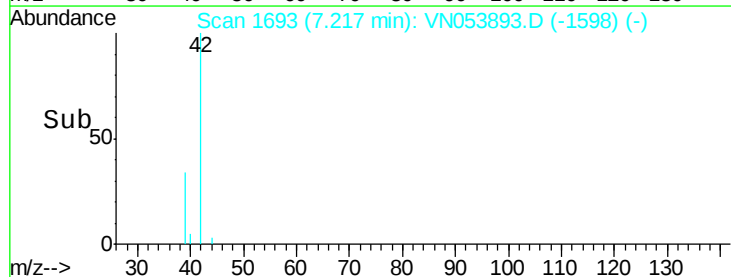
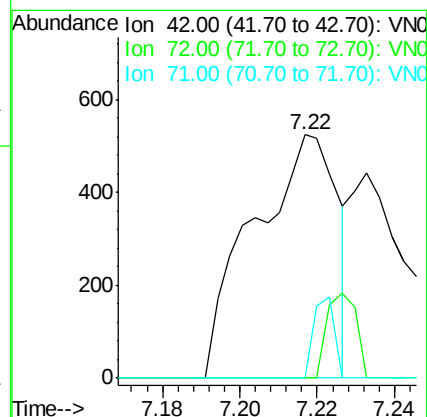
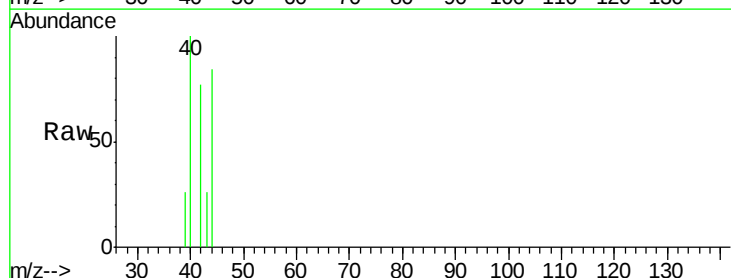
Instrument :
 MSVOA_N
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 NB-08-022019-A

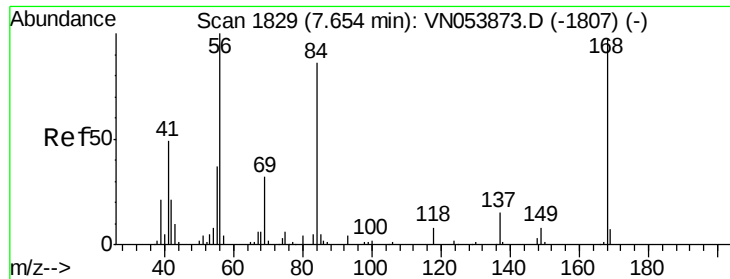
Tot Ion: 43 Resp: 1945
 Ion Ratio Lower Upper
 43 100
 72 25.2 22.1 33.1



#29
 Tetrahydrofuran
 Concen: 0.544 ug/l
 RT: 7.22 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

Tgt Ion: 42 Resp: 790
 Ion Ratio Lower Upper
 42 100
 72 12.2 36.9 55.3#
 71 8.1 34.6 52.0#





#31

Cyclohexane

Concen: 0.357 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

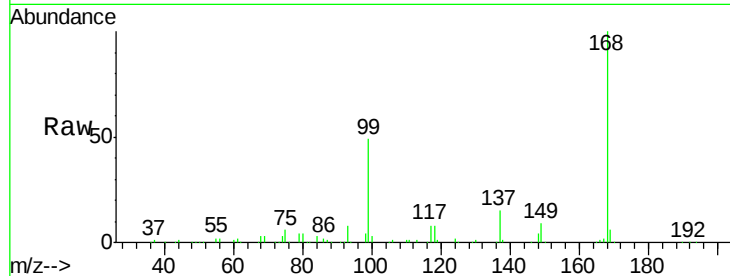
Tot Ion: 56 Resp: 8963

Ion Ratio Lower Upper

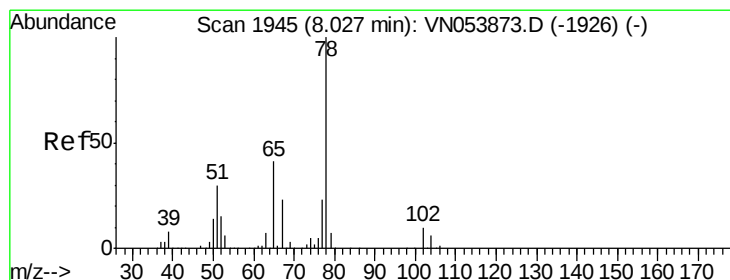
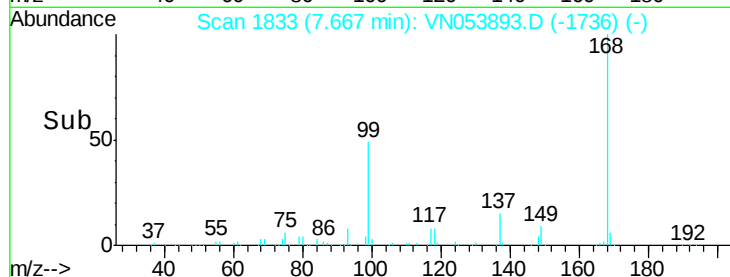
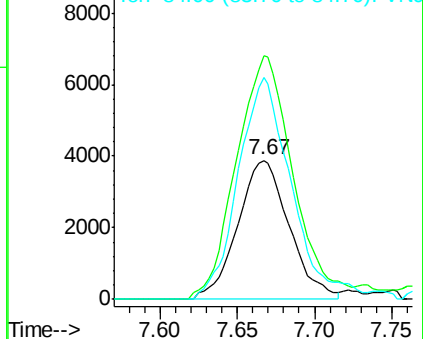
56 100

69 175.4 26.0 39.0#

84 159.6 69.1 103.7#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 52.864 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053893.D

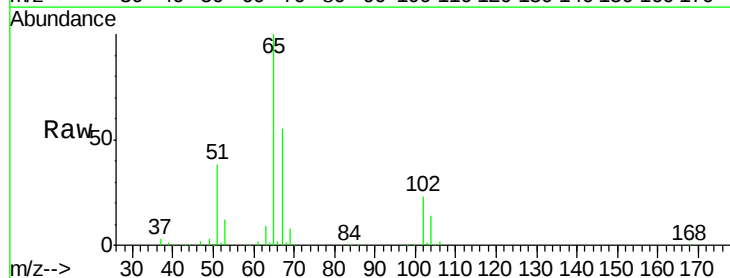
Acq: 21 Feb 2019 15:37

Tgt Ion: 65 Resp: 334585

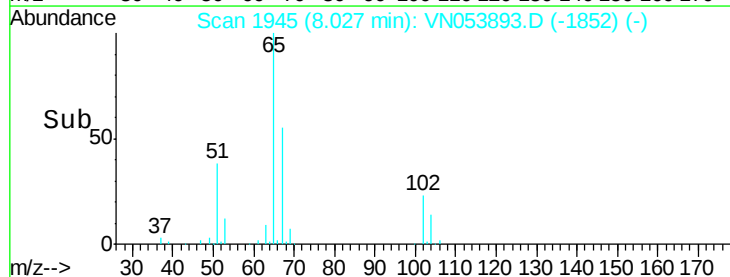
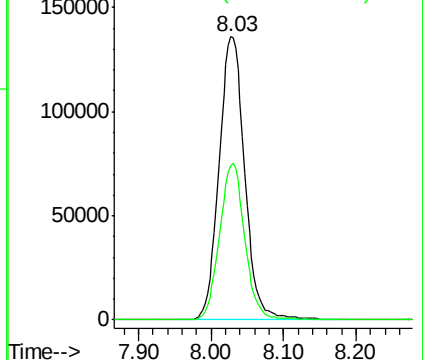
Ion Ratio Lower Upper

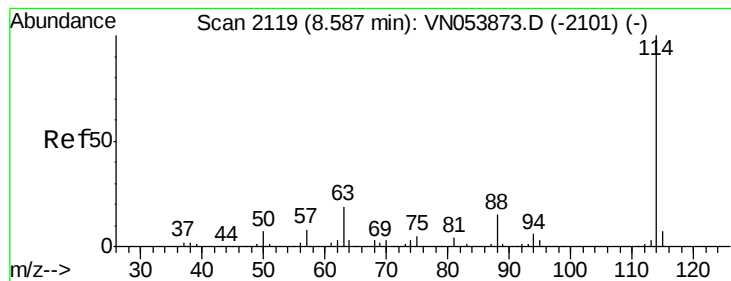
65 100

67 54.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

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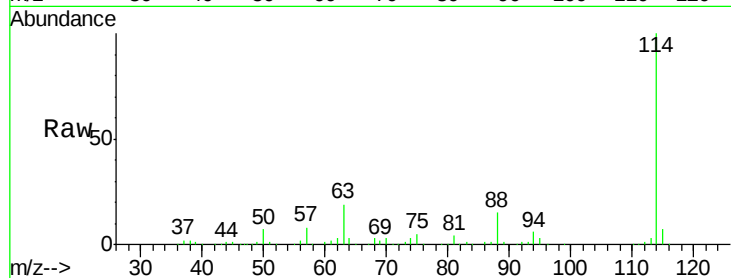
Tot Ion:114 Resp: 1053178

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

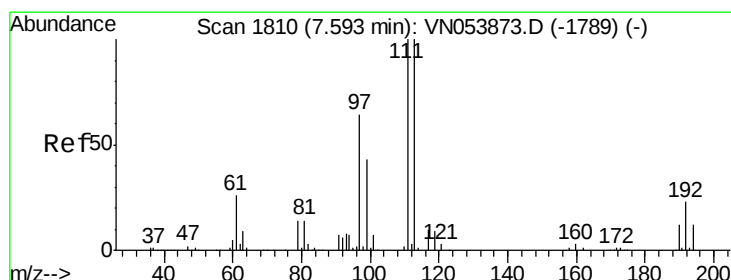
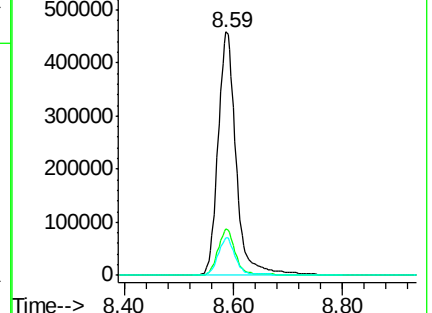
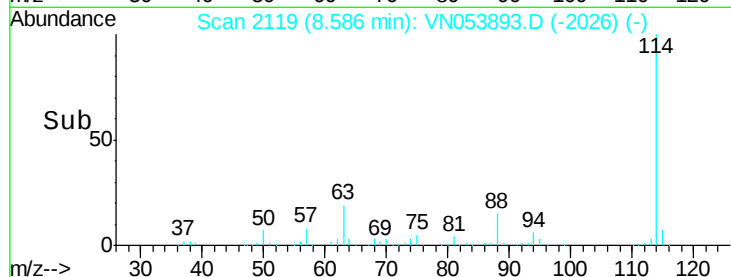
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.459 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

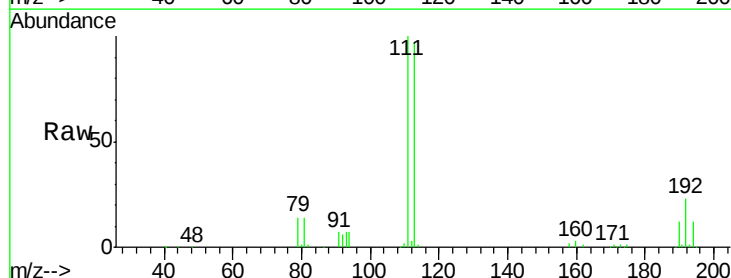
Tgt Ion:113 Resp: 334942

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

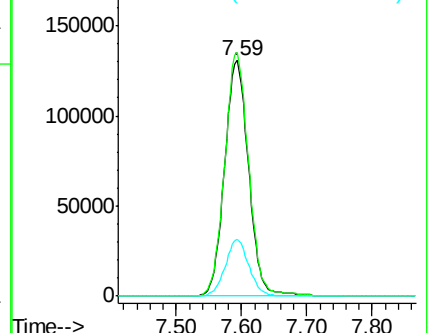
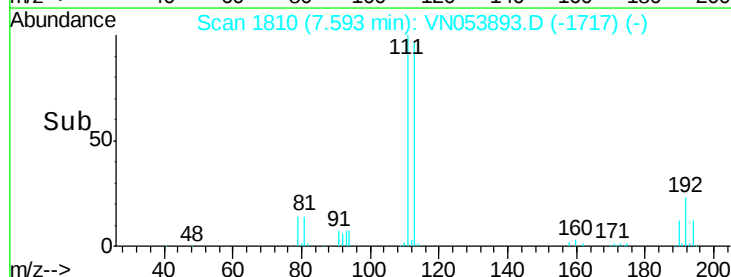
192 23.6 18.8 28.2

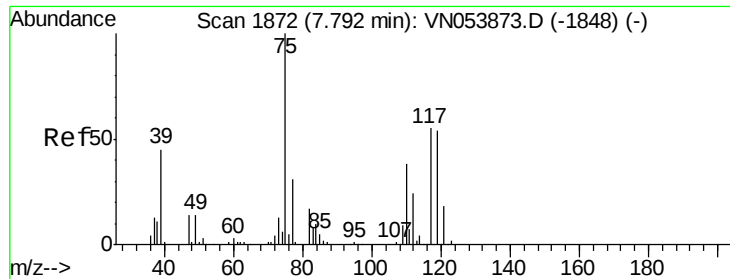


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.557 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

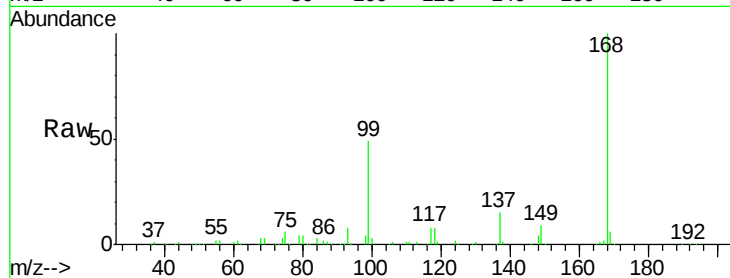
Tot Ion: 75 Resp: 34337

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

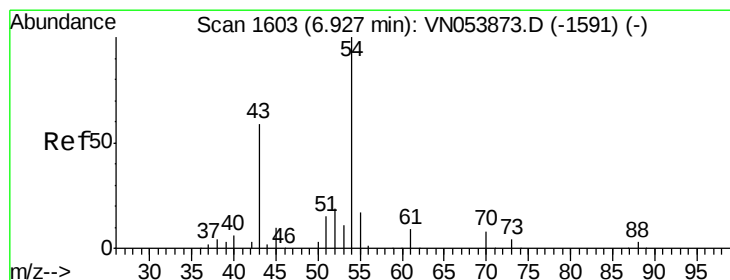
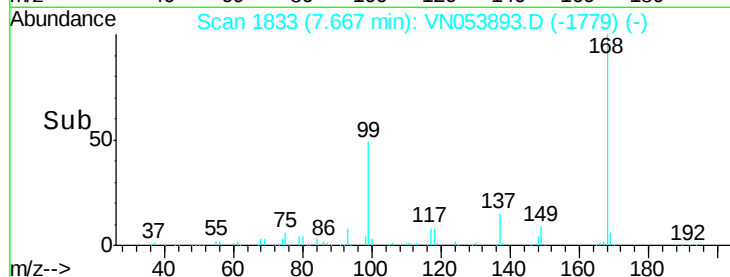
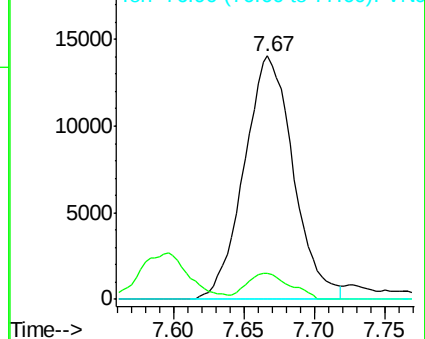
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): VNO

Ion 76.90 (76.60 to 77.60): VNO



#37

Ethyl Acetate

Concen: 0.234 ug/l

RT: 6.95 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

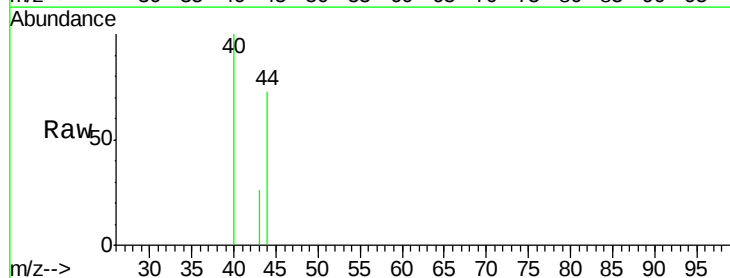
Tgt Ion: 43 Resp: 89

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

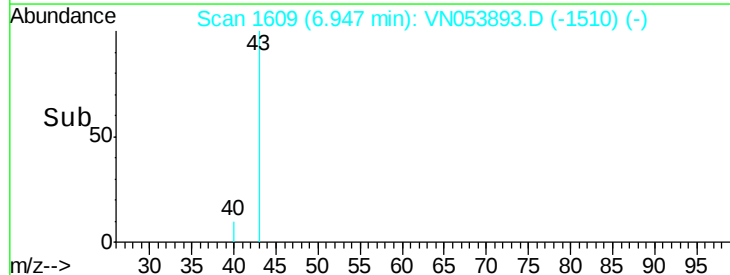
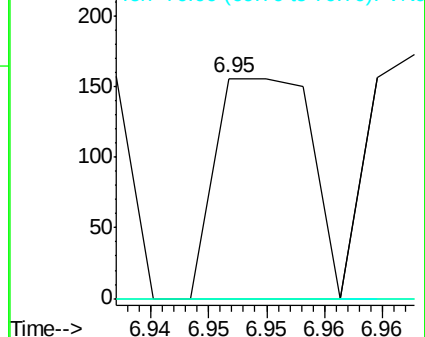
70 0.0 8.7 13.1#

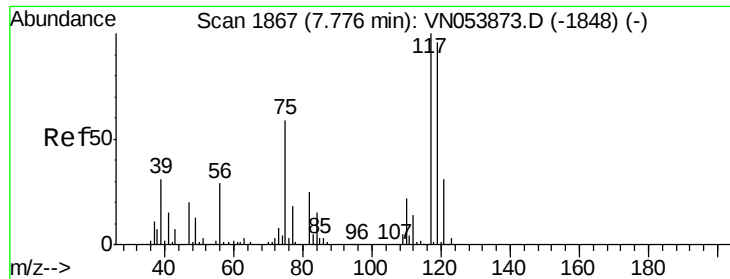


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 70.00 (69.70 to 70.70): VNO





#38

Carbon Tetrachloride

Concen: 5.186 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

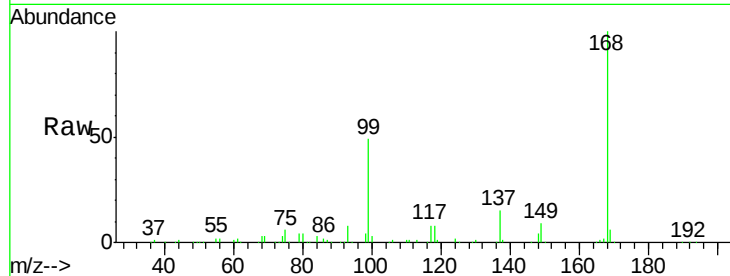
Tot Ion:117 Resp: 50009

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.2#

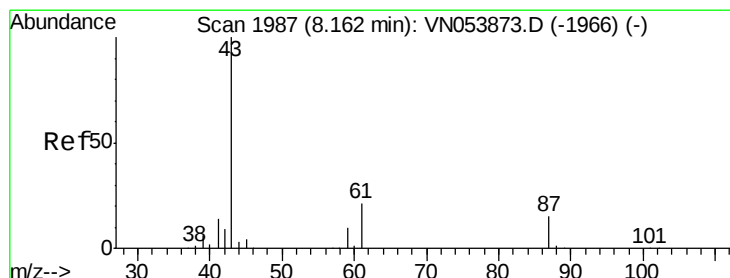
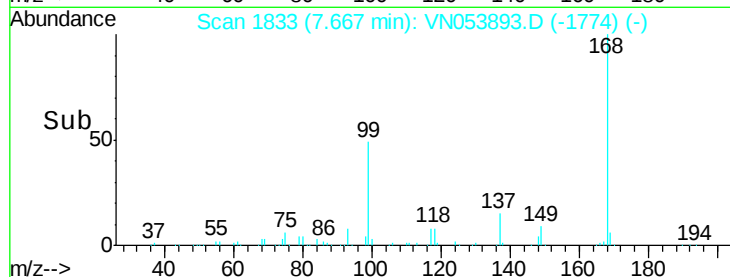
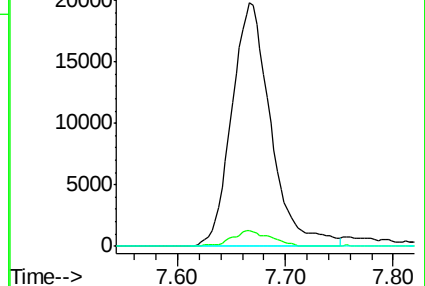
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 2.657 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

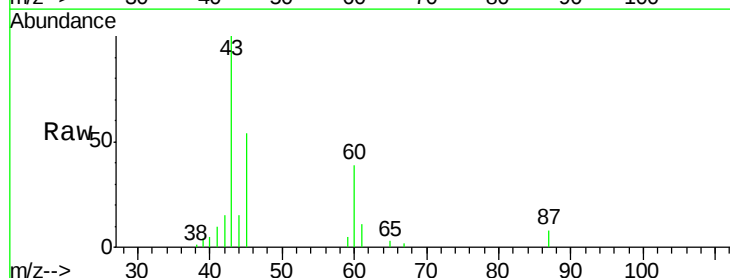
Tgt Ion: 43 Resp: 27364

Ion Ratio Lower Upper

43 100

61 18.9 17.4 26.0

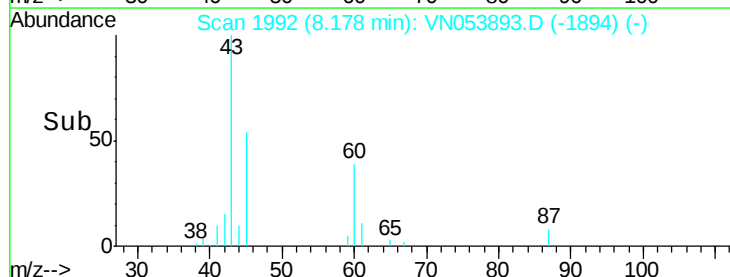
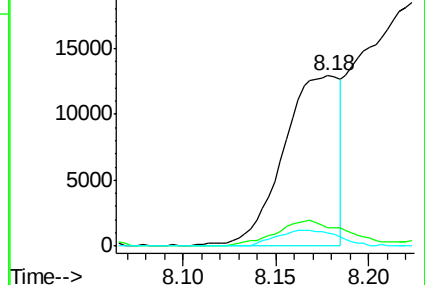
87 10.2 11.5 17.3#

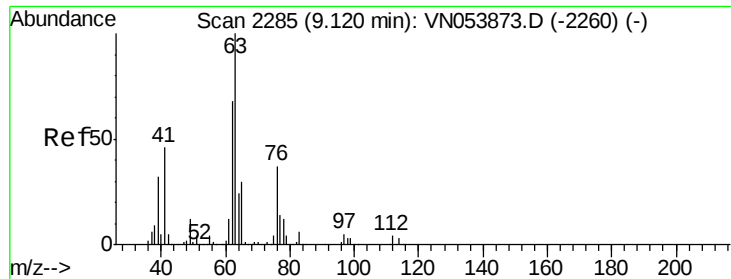


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

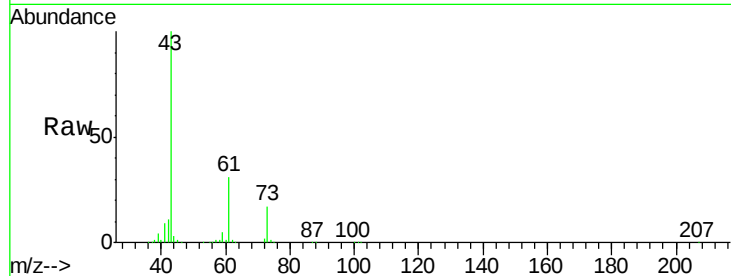
NB-08-022019-A

Tot Ion: 63 Resp: 1641

Ion Ratio Lower Upper

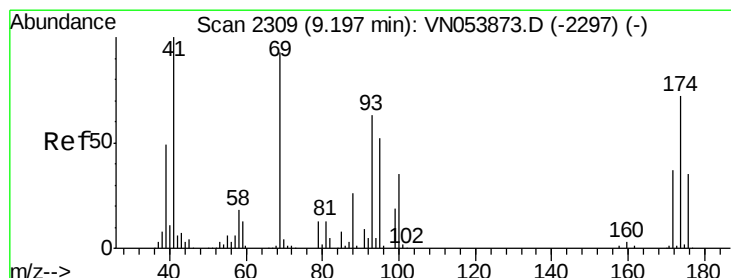
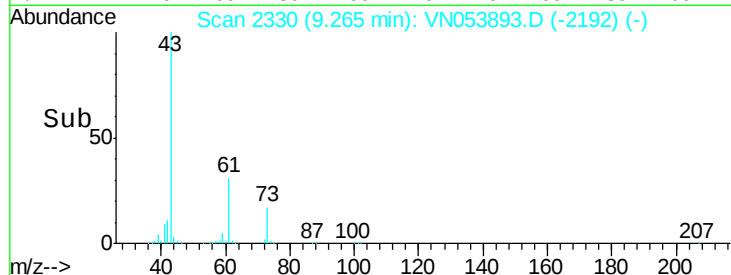
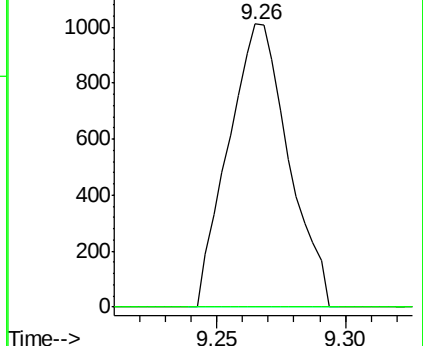
63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.882 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

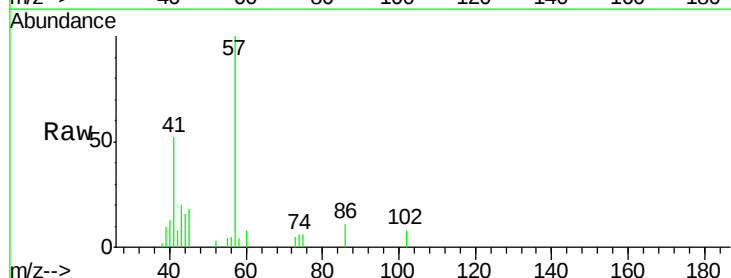
Tgt Ion: 41 Resp: 8309

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

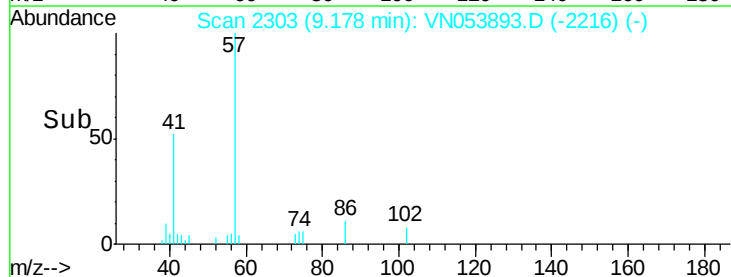
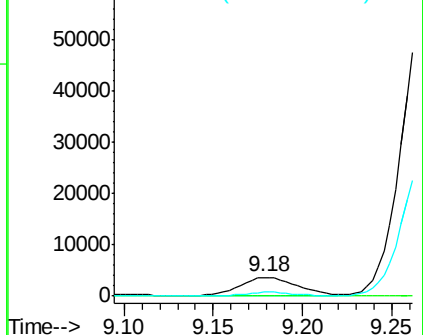
39 0.0 39.0 58.6#

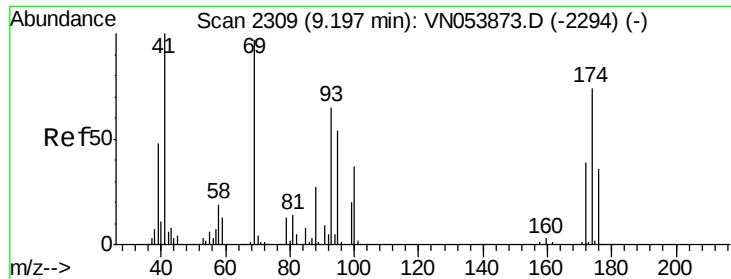


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#49

1,4-Dioxane

Concen: 22.654 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

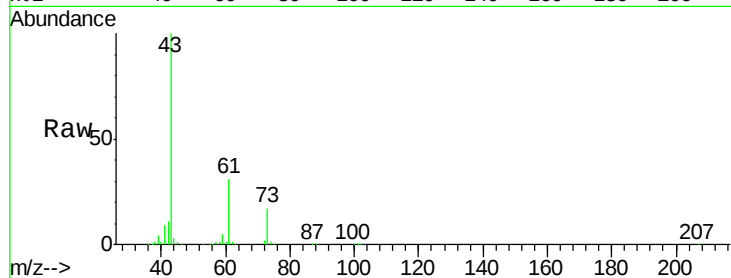
Tot Ion: 88 Resp: 34

Ion Ratio Lower Upper

88 100

43 3631208.8 21.2 31.8#

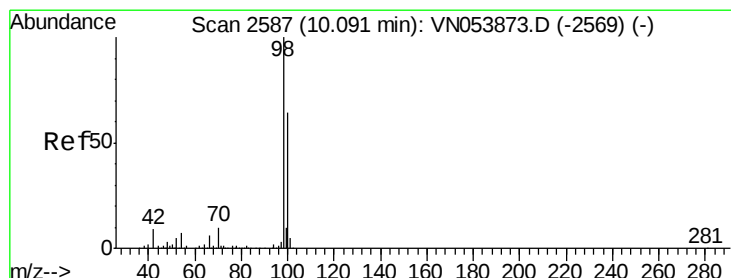
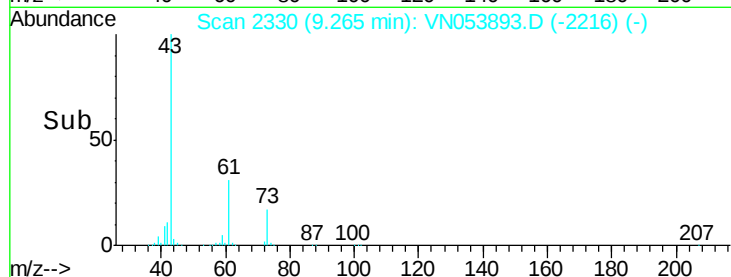
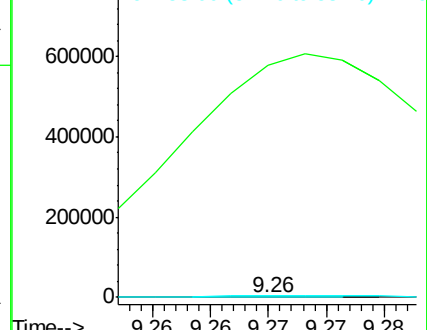
58 18838.2 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.340 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053893.D

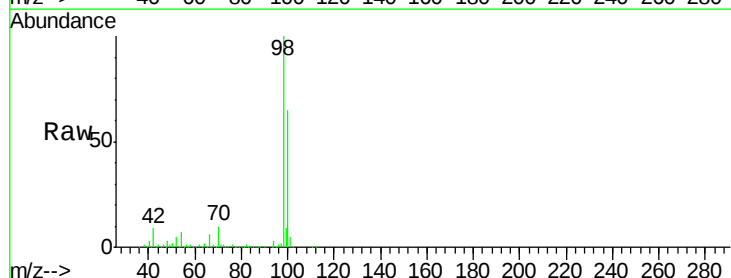
Acq: 21 Feb 2019 15:37

Tgt Ion: 98 Resp: 1281644

Ion Ratio Lower Upper

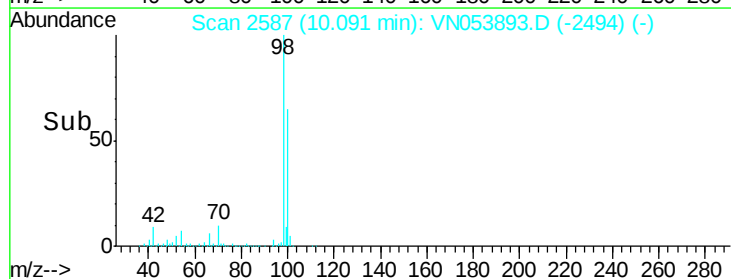
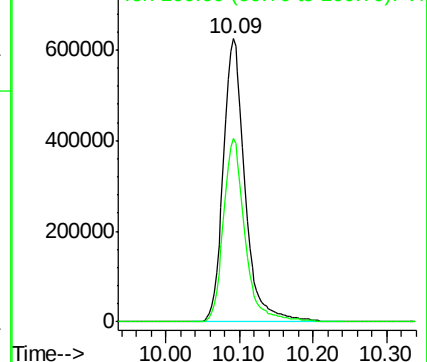
98 100

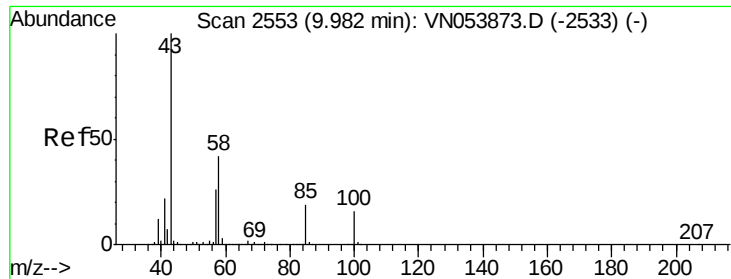
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

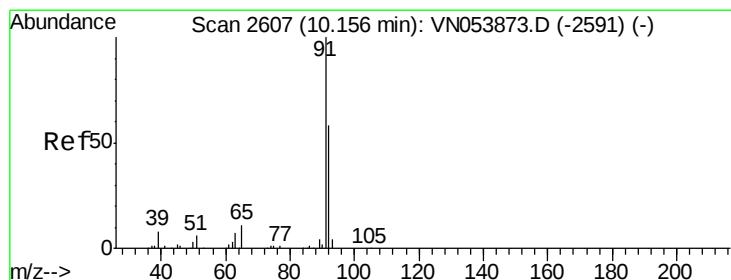
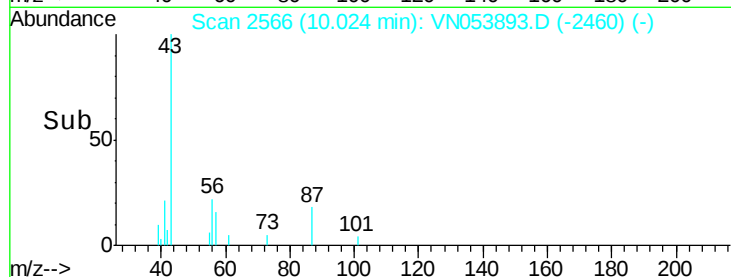
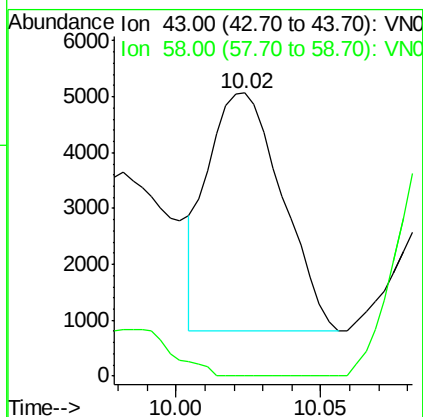
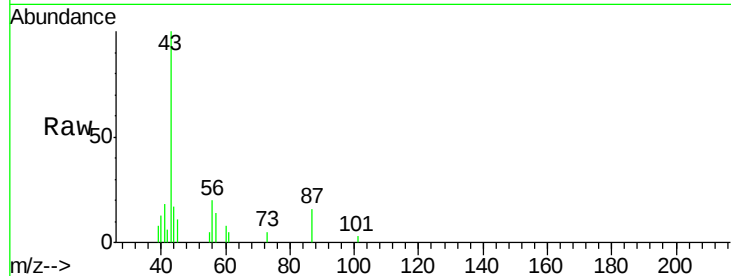




#51
 4-Methyl-2-Pentanone
 Concen: 7.918 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

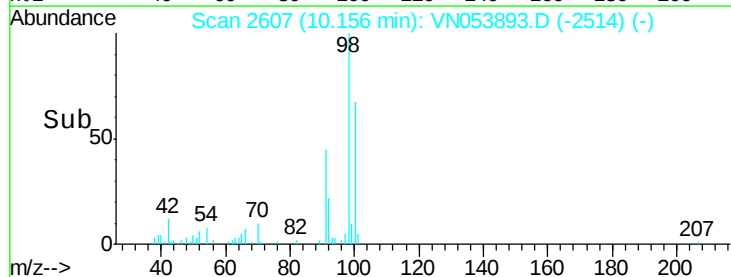
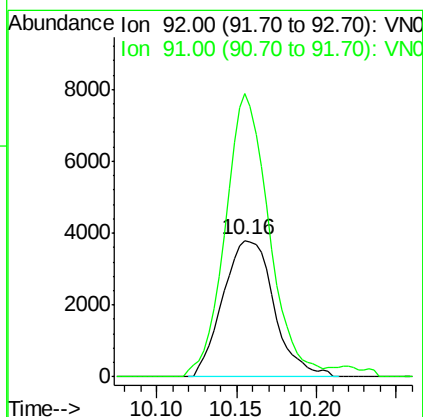
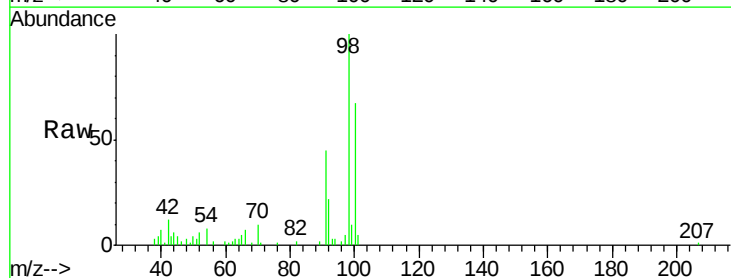
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-022019-A

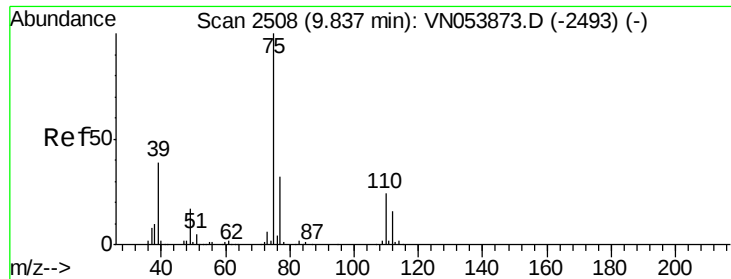
Tot Ion: 43 Resp: 7586
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#52
 Toluene
 Concen: 0.490 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

Tgt Ion: 92 Resp: 8295
 Ion Ratio Lower Upper
 92 100
 91 177.6 138.4 207.6



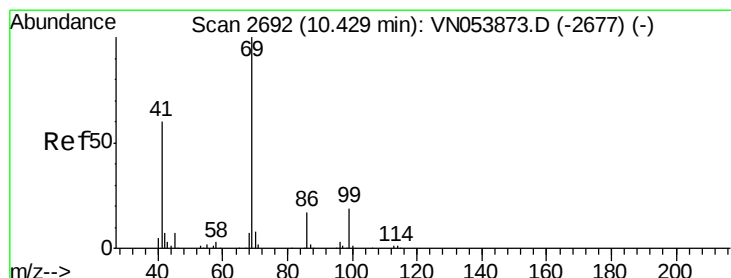
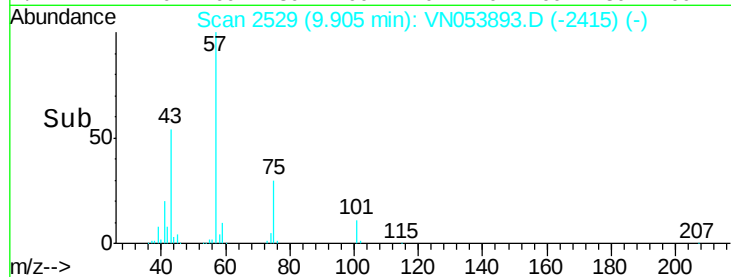
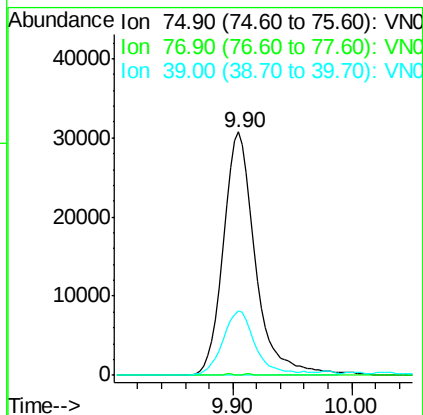
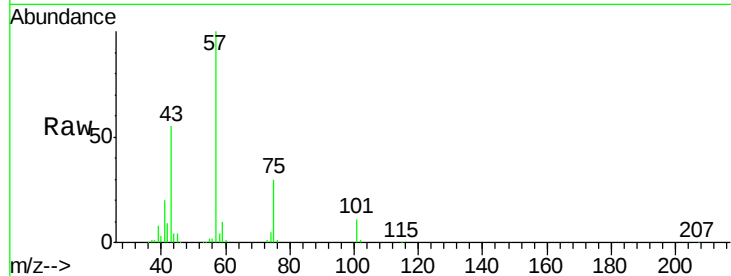


#54

cis-1,3-Dichloropropene
 Concen: 5.401 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-022019-A

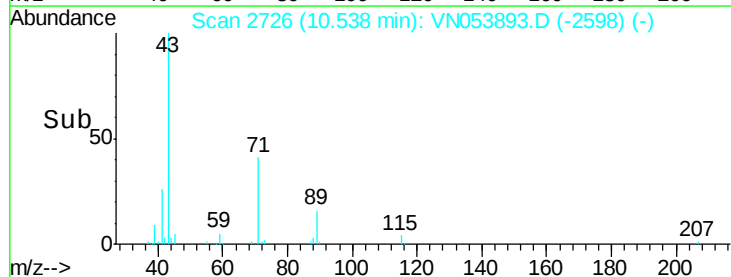
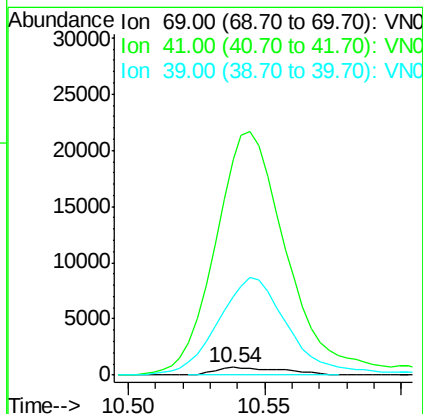
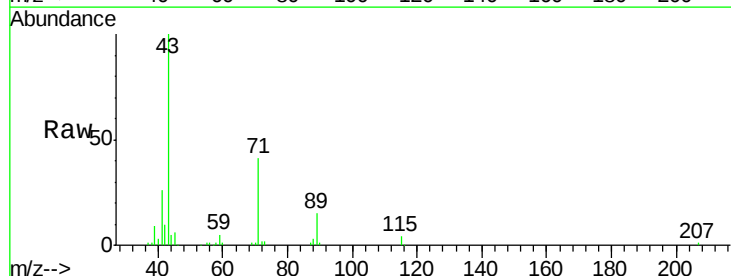
Tot Ion: 75 Resp: 57211
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.6#
 39 26.4 31.4 47.0#

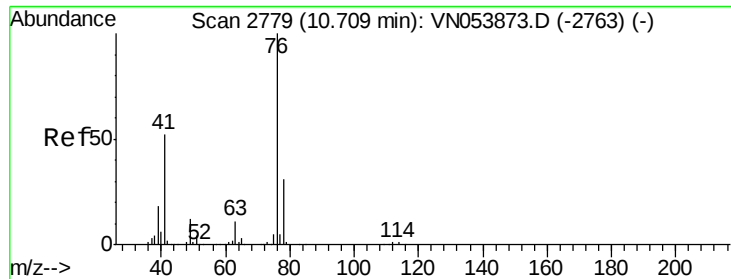


#56

Ethyl methacrylate
 Concen: 2.611 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.11 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

Tgt Ion: 69 Resp: 1214
 Ion Ratio Lower Upper
 69 100
 41 3300.7 47.5 71.3#
 39 1285.3 23.4 35.0#

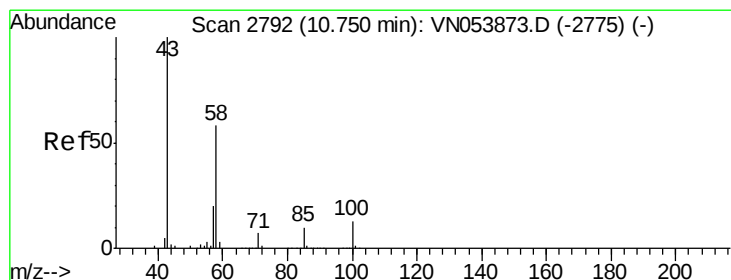
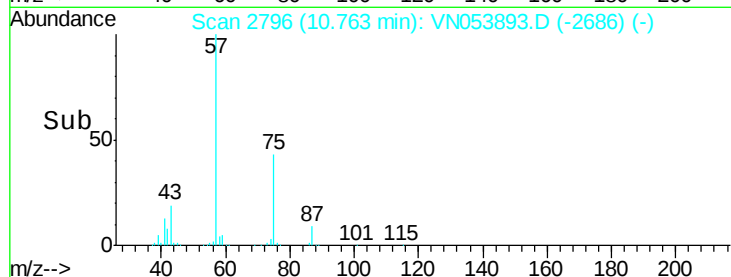
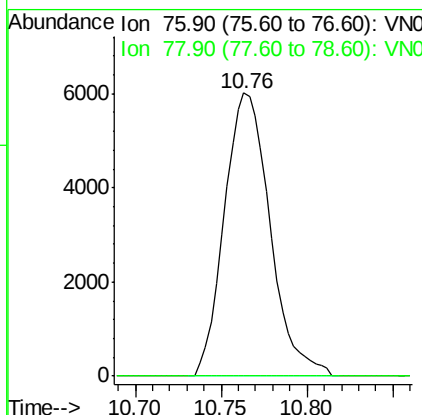
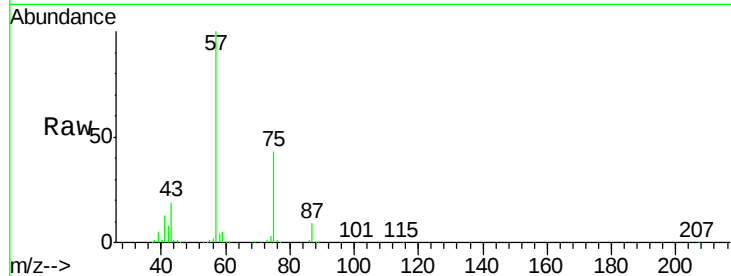




#57
 1,3-Dichloropropane
 Concen: 1.068 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

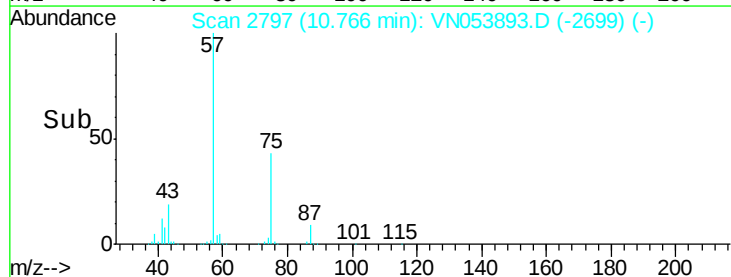
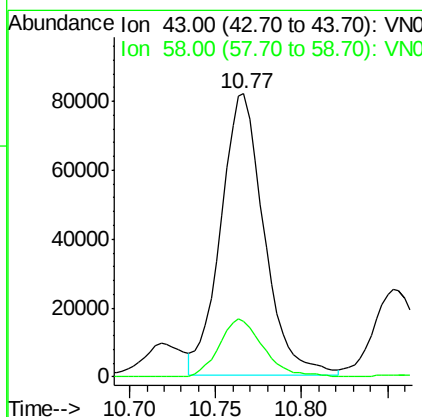
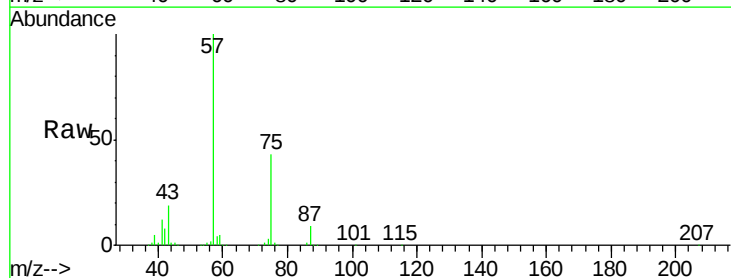
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-022019-A

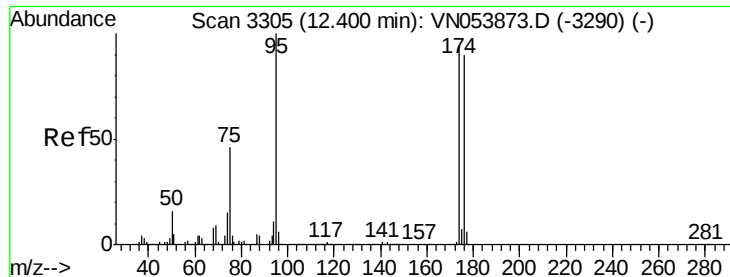
Tot Ion: 76 Resp: 11114
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 44.392 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

Tgt Ion: 43 Resp: 143411
 Ion Ratio Lower Upper
 43 100
 58 21.1 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 50.964 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

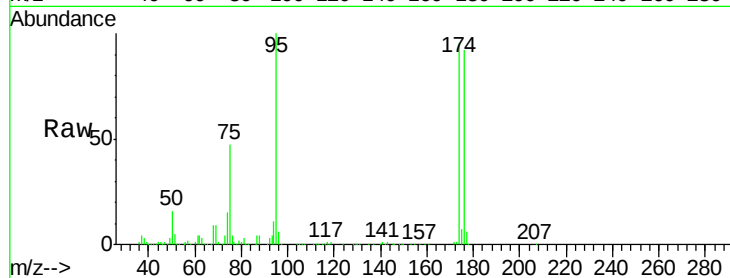
Tot Ion: 95 Resp: 420026

Ion Ratio Lower Upper

95 100

174 96.4 0.0 188.8

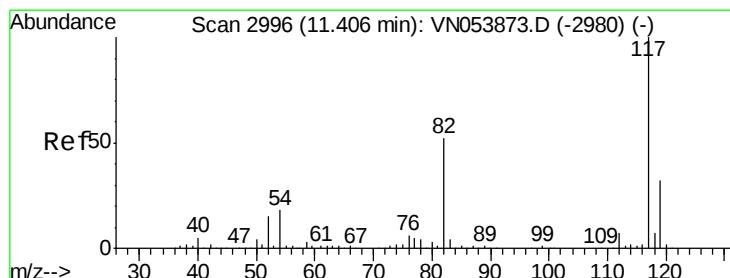
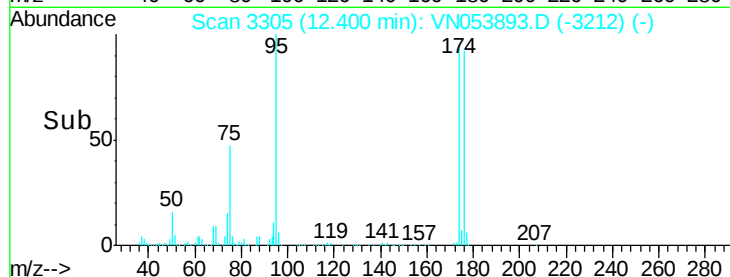
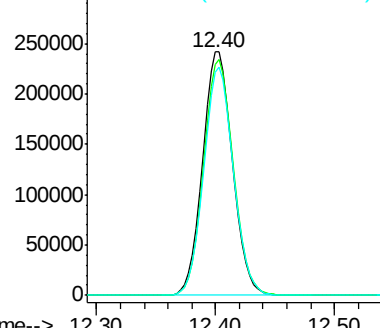
176 93.0 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

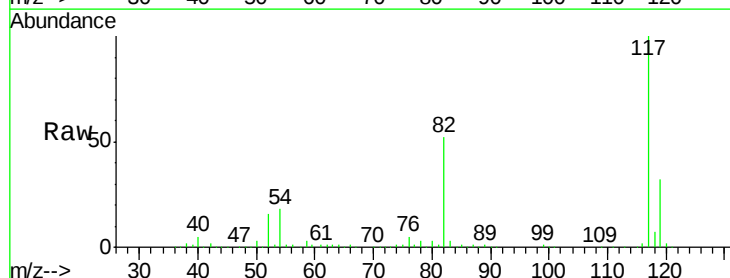
Tgt Ion: 117 Resp: 988599

Ion Ratio Lower Upper

117 100

82 52.0 41.4 62.2

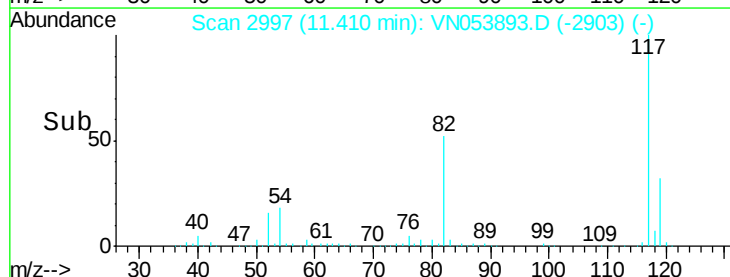
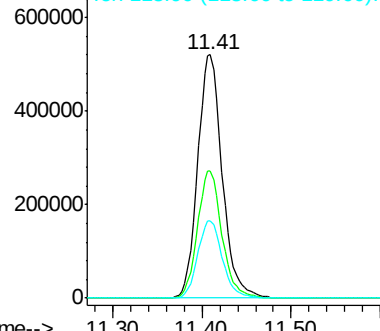
119 31.8 25.3 37.9

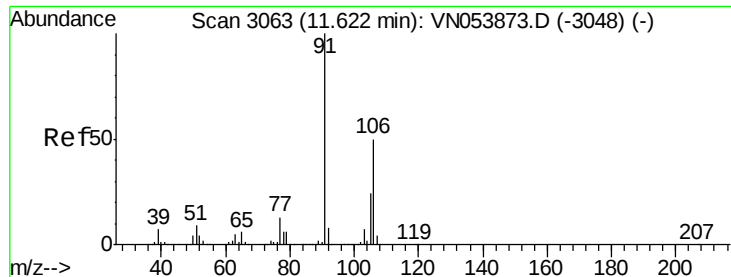


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

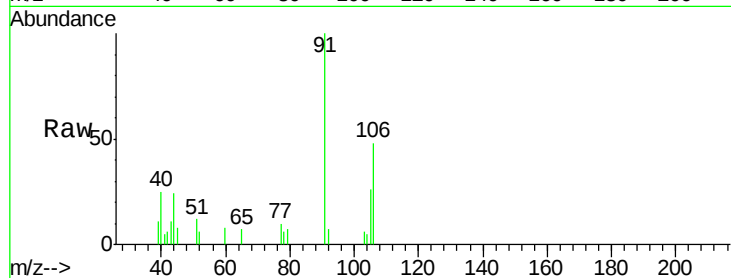




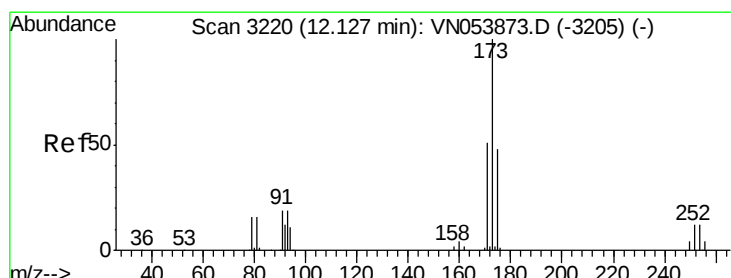
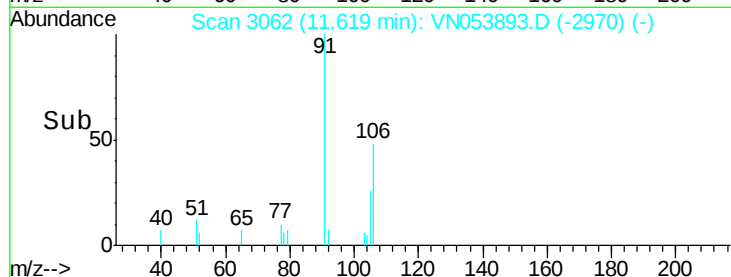
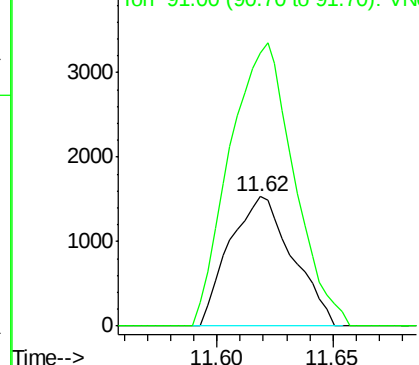
#68
m/p-Xvlenes
Concen: 0.223 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053893.D
Acq: 21 Feb 2019 15:37

Instrument :
MSVOA_N
ClientSampleId :
NB-08-022019-A

Tot Ion:106 Resp: 2895
Ion Ratio Lower Upper
106 100
91 222.4 158.9 238.3

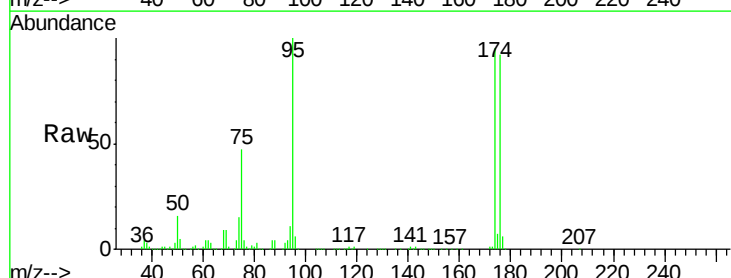


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

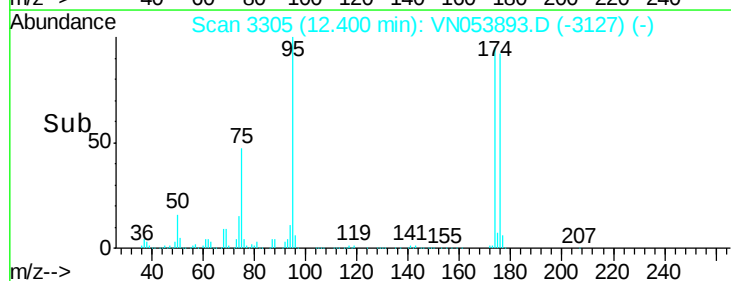
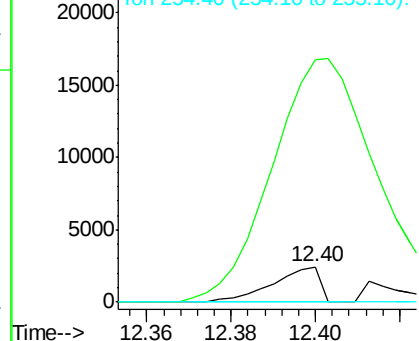


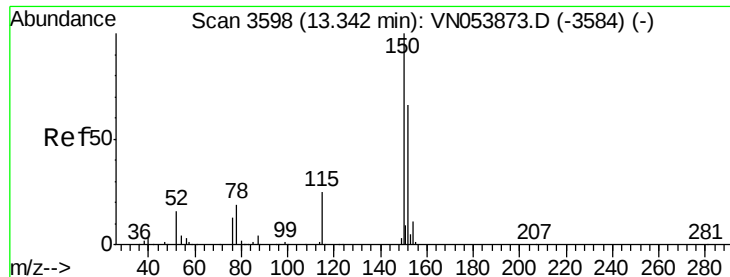
#71
Bromoform
Concen: 0.350 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053893.D
Acq: 21 Feb 2019 15:37

Tgt Ion:173 Resp: 1877
Ion Ratio Lower Upper
173 100
175 1295.8 24.3 72.8#
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

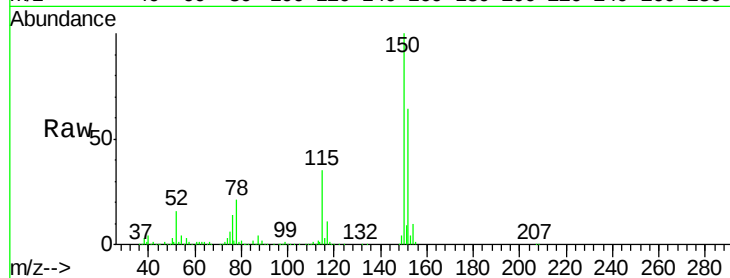
Tot Ion:152 Resp: 386972

Ion Ratio Lower Upper

152 100

115 54.8 27.2 81.6

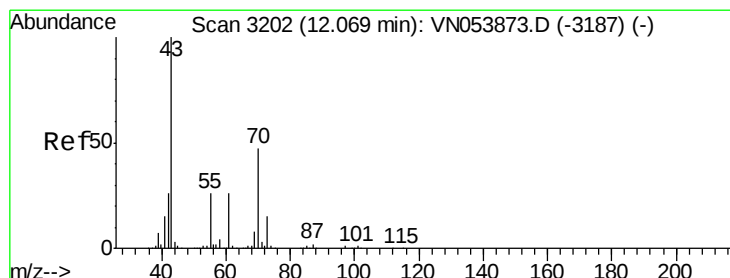
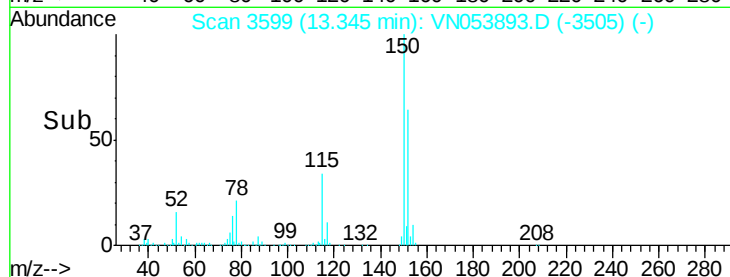
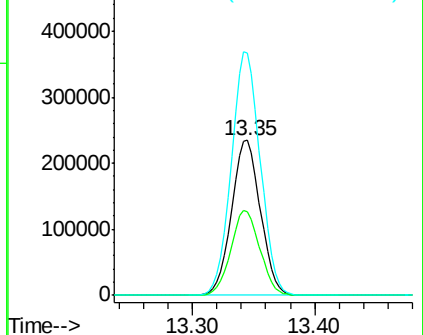
150 156.7 0.0 348.2



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



#74

N-ethyl acetate

Concen: 2.496 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Tgt Ion: 43 Resp: 15626

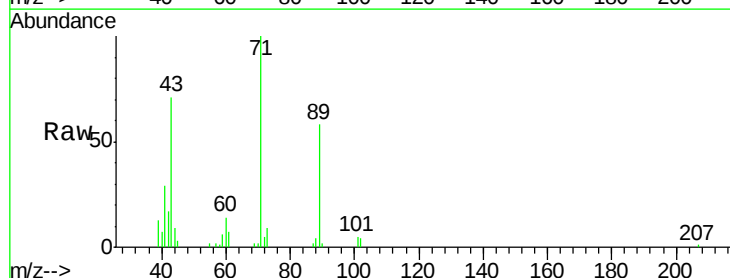
Ion Ratio Lower Upper

43 100

70 2.3 37.4 56.2#

55 4.1 21.4 32.0#

61 10.8 20.9 31.3#

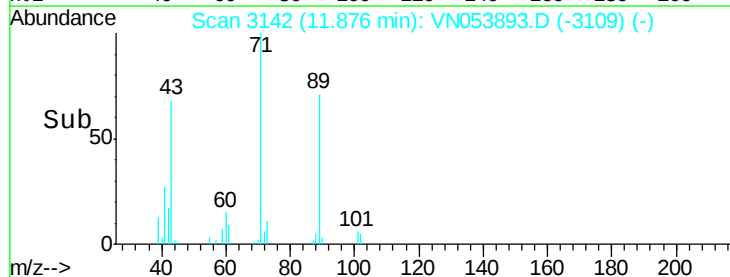
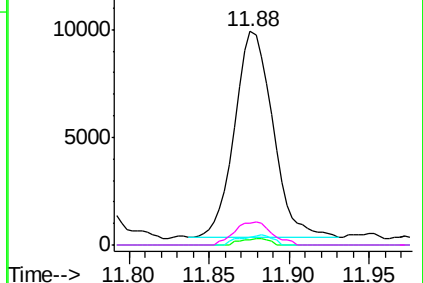


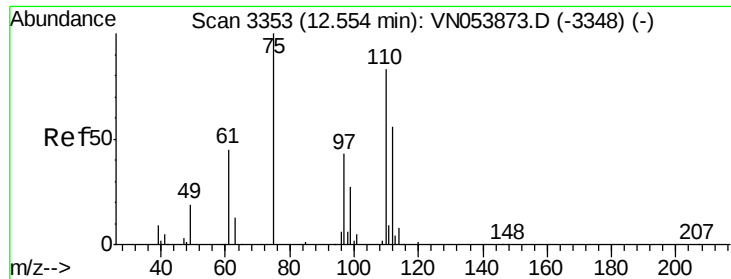
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

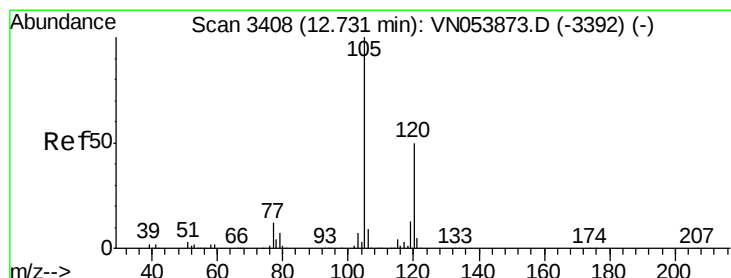
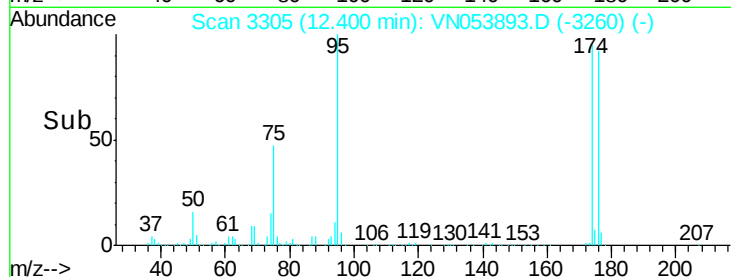
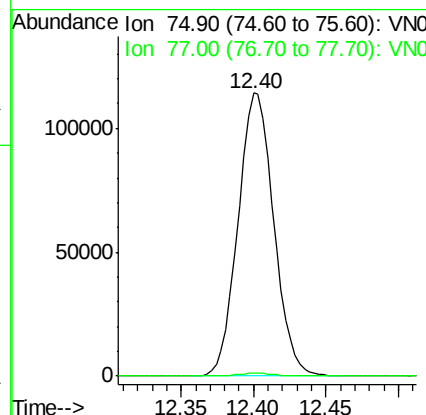
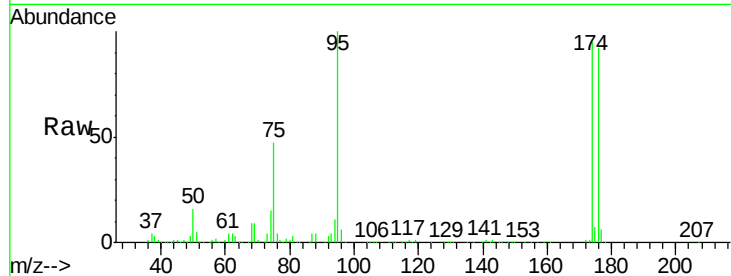




#76
 1,2,3-Trichloropropane
 Concen: 34.405 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

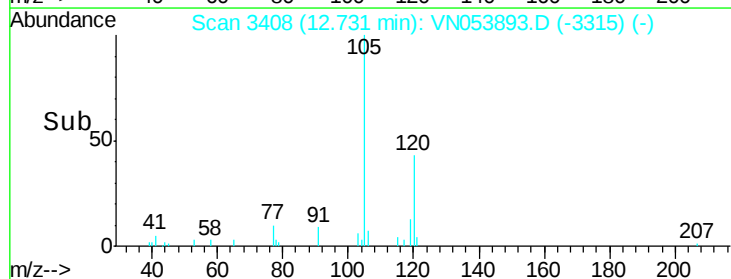
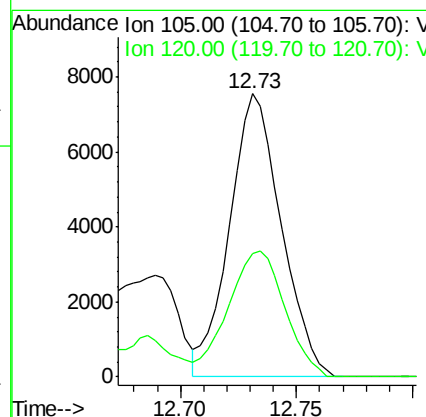
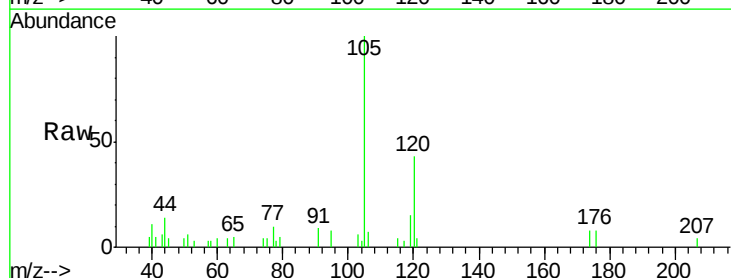
Instrument :
 MSVOA_N
 ClientSampled :
 NB-08-022019-A

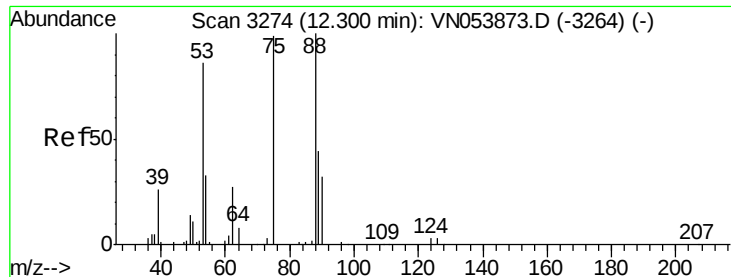
Tot Ion: 75 Resp: 195445
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.517 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN053893.D
 Acq: 21 Feb 2019 15:37

Tgt Ion: 105 Resp: 11688
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 113.580 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A

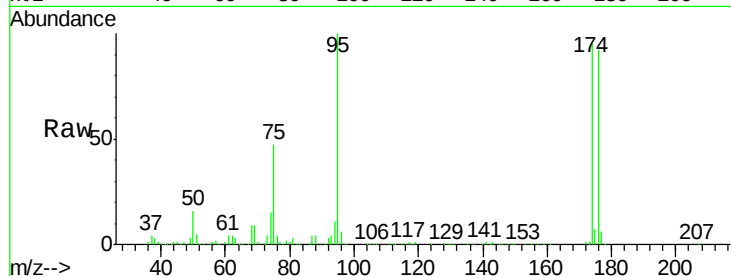
Tot Ion: 75 Resp: 195445

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

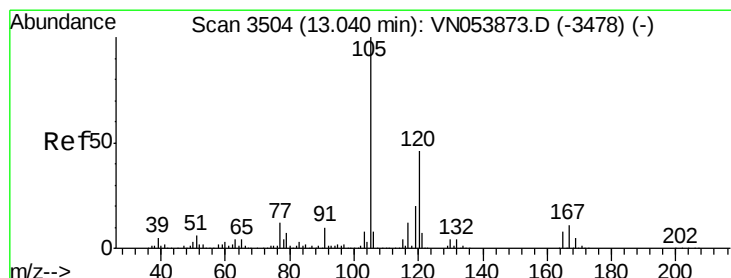
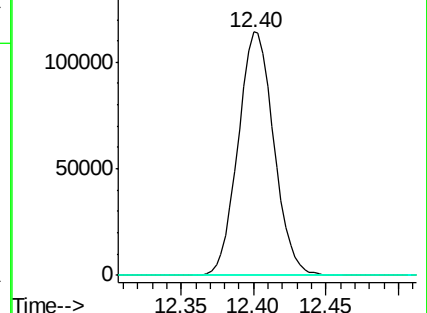
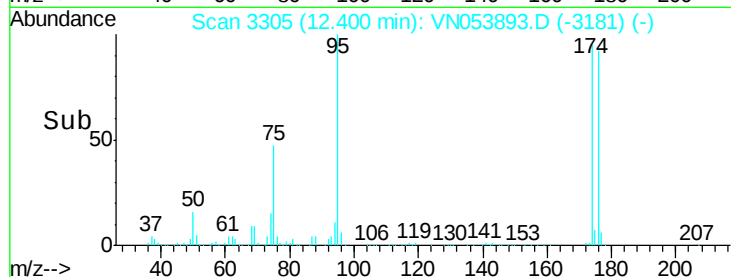
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN053893.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053893.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053893.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.900 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053893.D

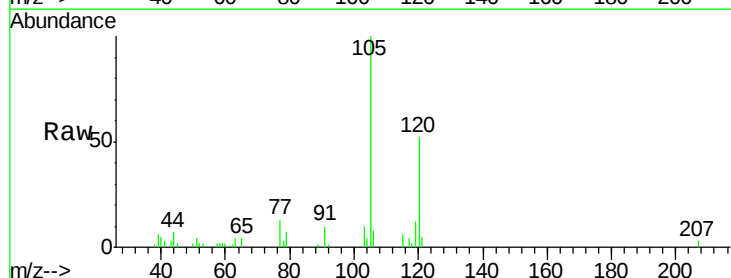
Acq: 21 Feb 2019 15:37

Tgt Ion: 105 Resp: 20424

Ion Ratio Lower Upper

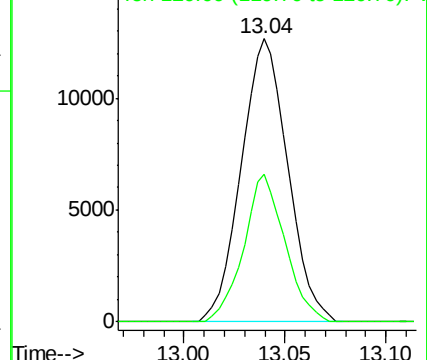
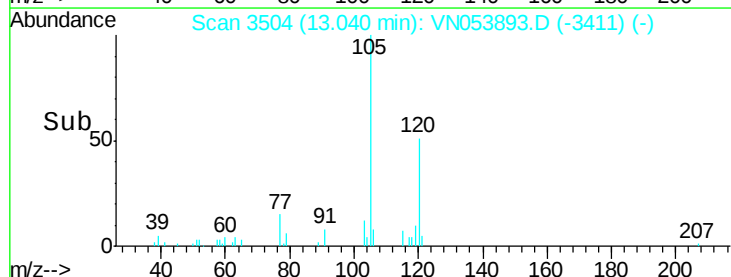
105 100

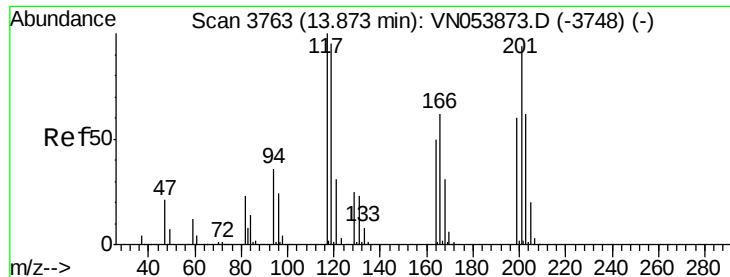
120 46.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN053893.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053893.D (-3411) (-)





#90

Hexachloroethane

Concen: 0.231 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

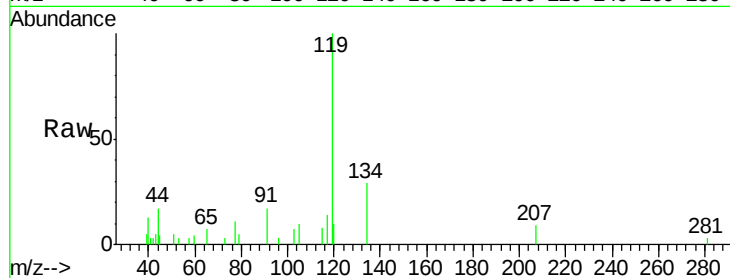
NB-08-022019-A

Tot Ion:117 Resp: 1046

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

1200

1000

800

600

400

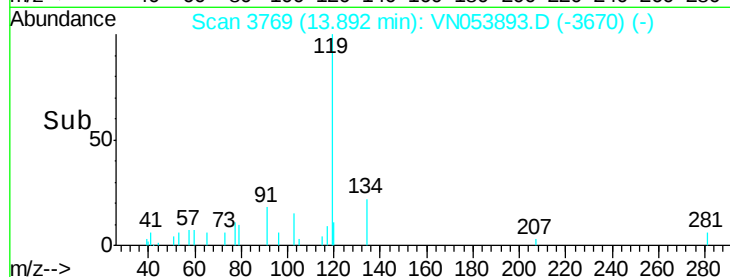
200

0

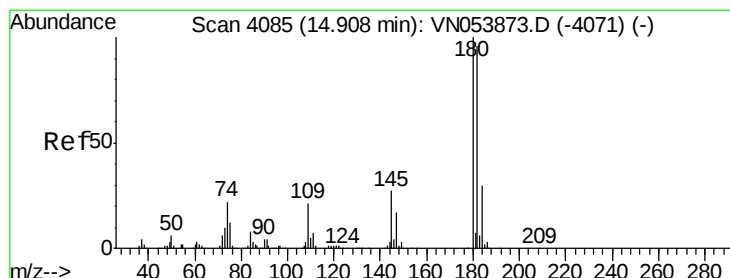
13.85

13.90

13.89



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.930 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053893.D

Acq: 21 Feb 2019 15:37

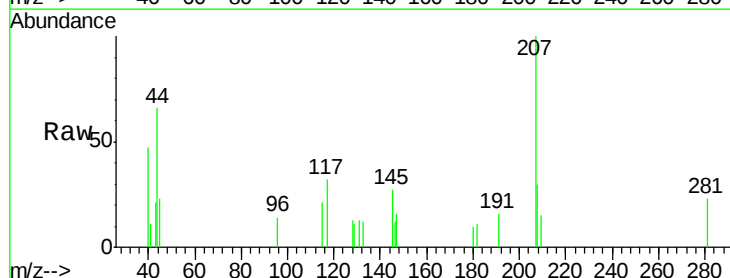
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 570.0 48.6 145.9#

145 1673.3 13.8 41.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

500

400

300

200

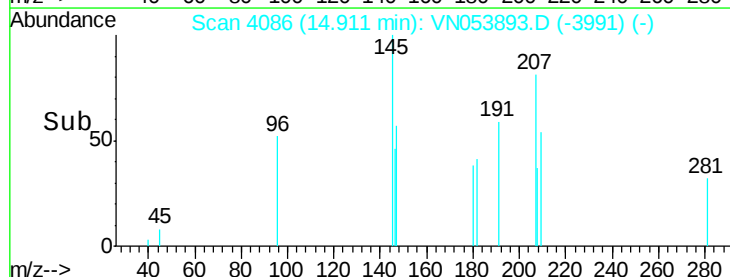
100

0

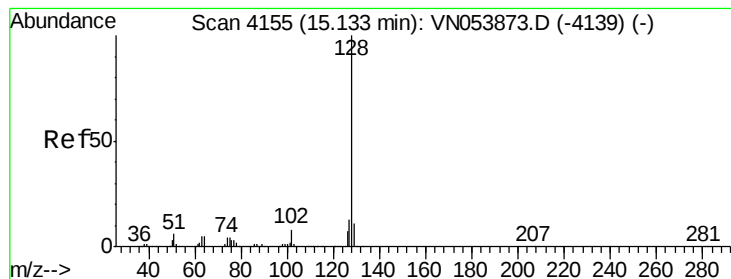
14.90

14.91

14.92



Time-->



#95

Naphthalene

Concen: 9.259 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053893.D

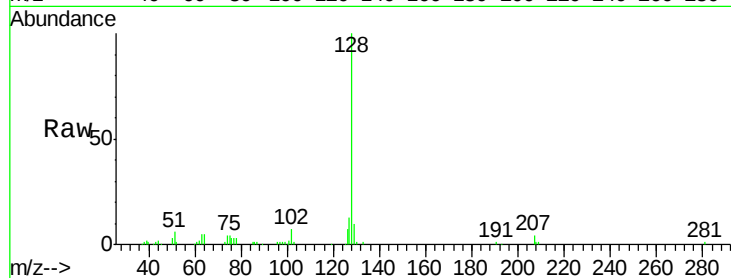
Acq: 21 Feb 2019 15:37

Instrument :

MSVOA_N

ClientSampleId :

NB-08-022019-A



Tot Ion:128 Resp: 78599

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.6 8.6 12.8

