

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053890.D
 Acq On : 21 Feb 2019 14:16
 Operator : JC/SP
 Sample : K1344-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-B

Quant Time: Feb 22 00:36:55 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	628584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1003147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	389889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	335811	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
35) Dibromofluoromethane	7.59	113	338738	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	10.09	98	1298312	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	422470	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

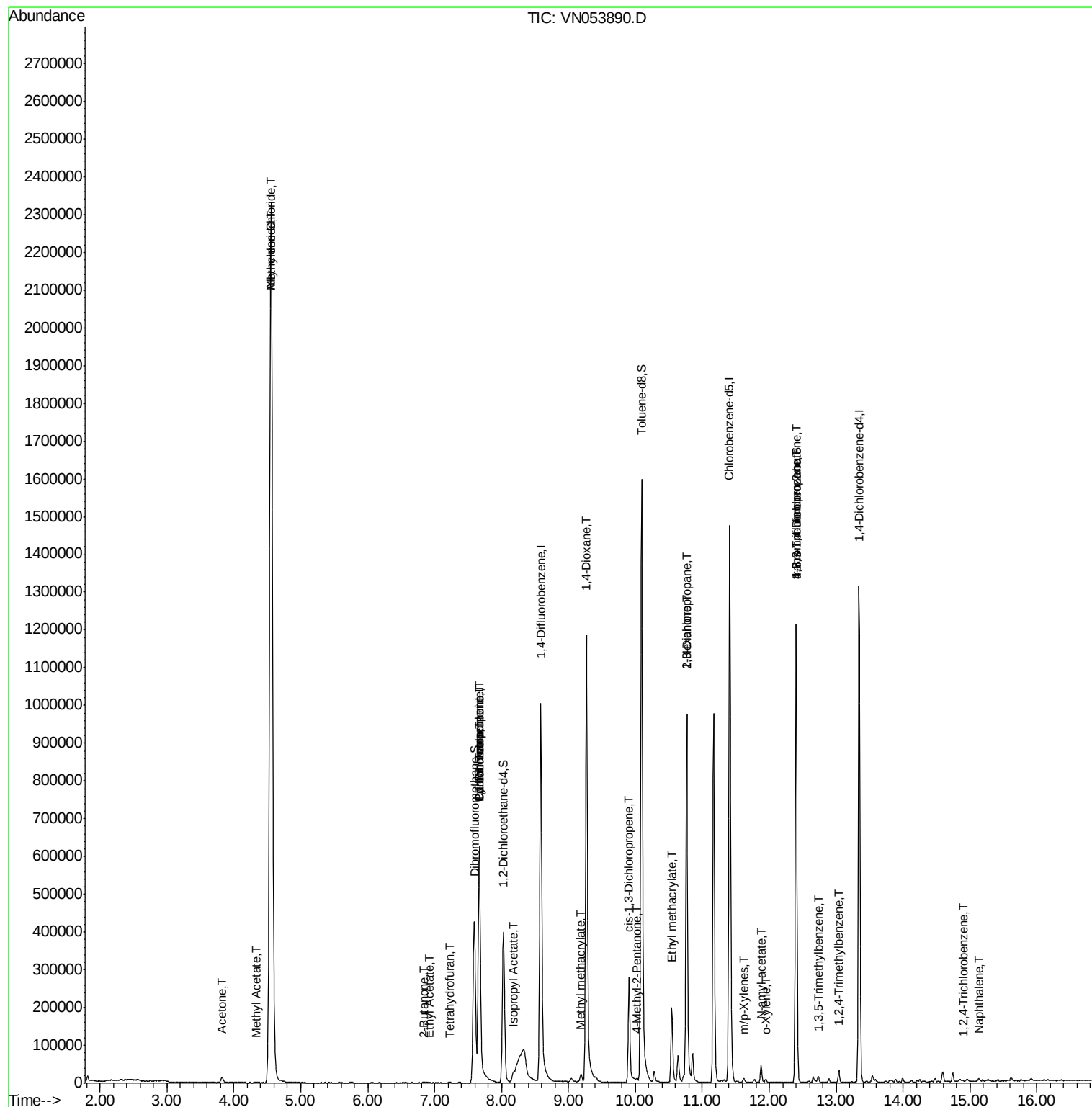
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	66215	7.500	ug/l #	27
16) Acetone	3.82	43	23374	13.230	ug/l	95
18) Methyl Acetate	4.33	43	2115	0.507	ug/l #	87
20) Methylene Chloride	4.55	84	1895014	286.500	ug/l	99
25) 2-Butanone	6.85	43	2462	1.080	ug/l	92
29) Tetrahydrofuran	7.22	42	985	0.668	ug/l #	60
31) Cyclohexane	7.67	56	8663	0.314	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	37476	3.879	ug/l #	48
37) Ethyl Acetate	6.93	43	183	0.250	ug/l #	67
38) Carbon Tetrachloride	7.67	117	49985	5.179	ug/l #	17
41) Methacrylonitrile	7.20	41	231	Below Cal	#	100
43) Isopropyl Acetate	8.18	43	28618	2.777	ug/l #	90
48) Methyl methacrylate	9.18	41	8329	1.885	ug/l #	12
49) 1,4-Dioxane	9.28	88	29	22.586	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	6667	7.747	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	59112	5.576	ug/l #	62
56) Ethyl methacrylate	10.55	69	1141	2.602	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	11082	1.064	ug/l #	43
59) 2-Hexanone	10.77	43	146812	45.403	ug/l #	49
68) m/p-Xylenes	11.62	106	3513	0.267	ug/l	94
69) o-Xylene	11.95	106	2705	0.214	ug/l	97
74) N-amyl acetate	11.88	43	14759	2.340	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	194621	34.003	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7754	0.340	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	194621	112.255	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	18574	0.812	ug/l	96
93) 1,2,4-Trichlorobenzene	14.90	180	92	2.938	ug/l #	21
95) Naphthalene	15.13	128	8000	5.082	ug/l #	93

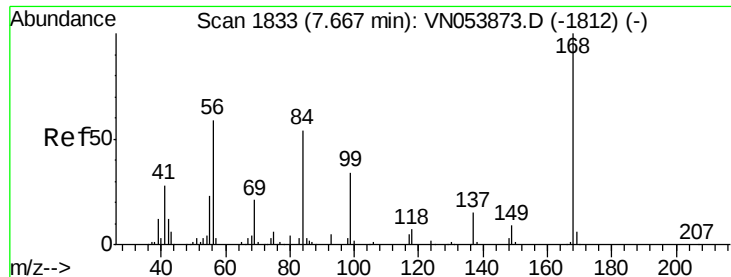
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

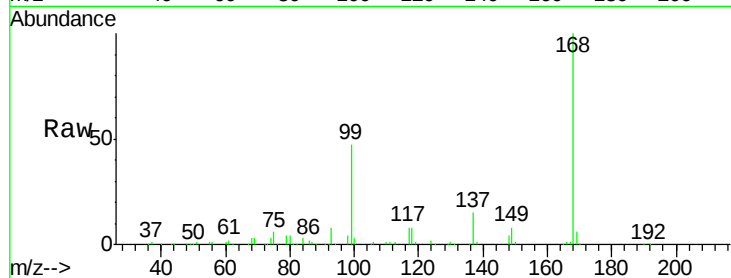
NB-07-022019-B

Tot Ion:168 Resp: 628584

Ion Ratio Lower Upper

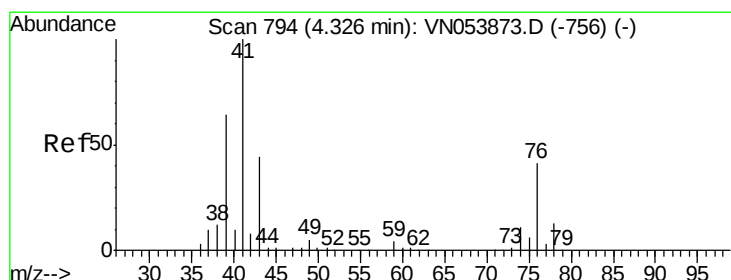
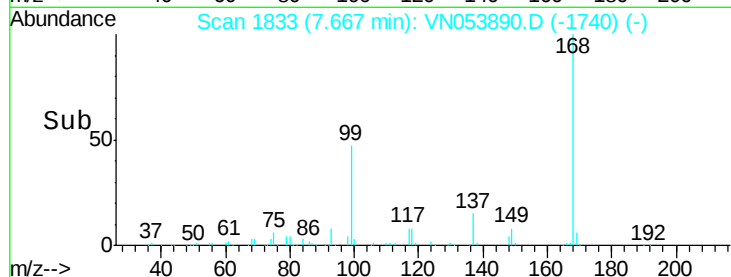
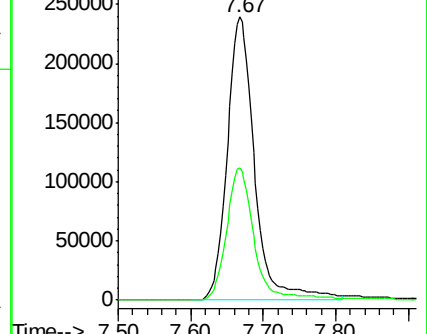
168 100

99 46.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 7.500 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

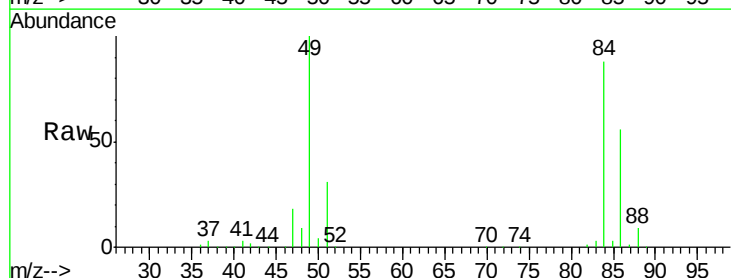
Tgt Ion: 41 Resp: 66215

Ion Ratio Lower Upper

41 100

39 0.5 48.8 73.2#

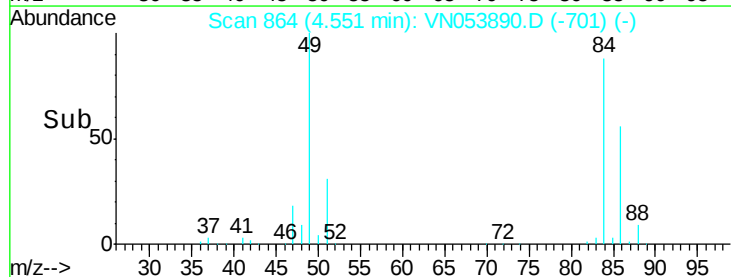
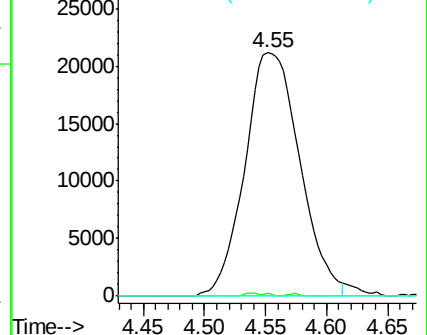
76 0.0 30.9 46.3#

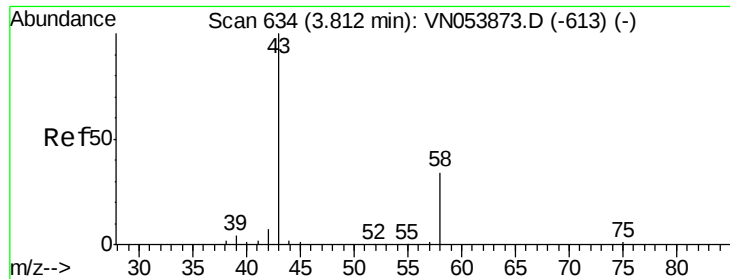


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 13.230 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

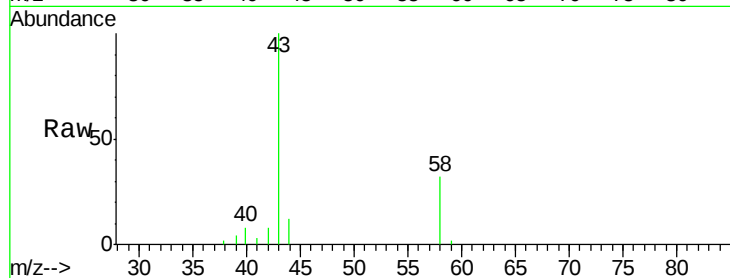
NB-07-022019-B

Tot Ion: 43 Resp: 23374

Ion Ratio Lower Upper

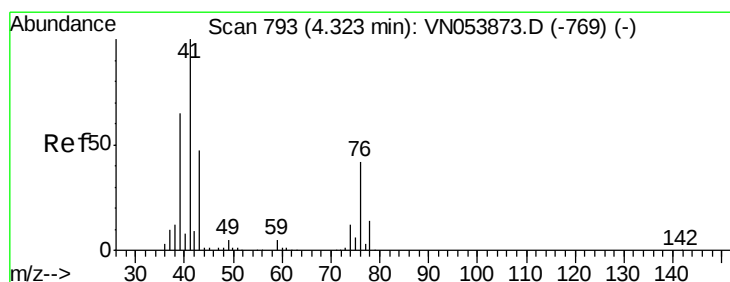
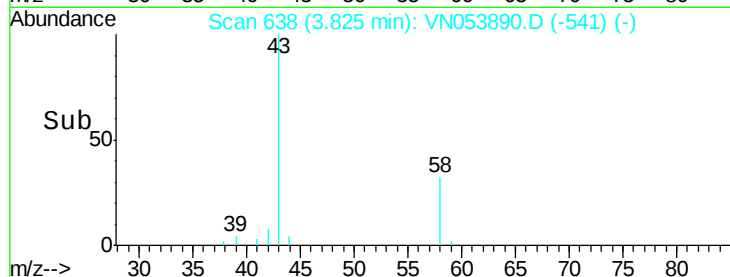
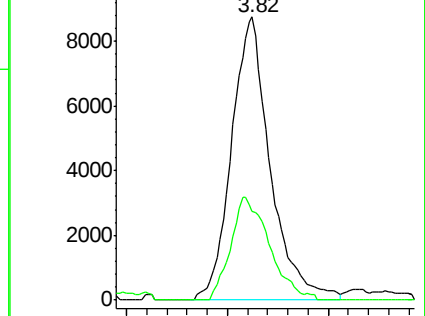
43 100

58 31.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.507 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053890.D

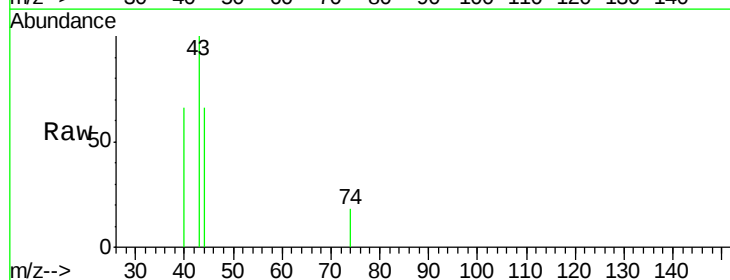
Acq: 21 Feb 2019 14:16

Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

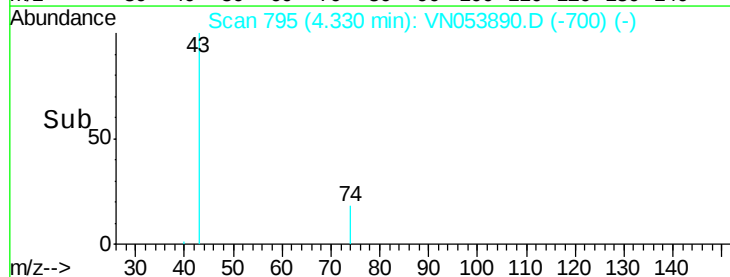
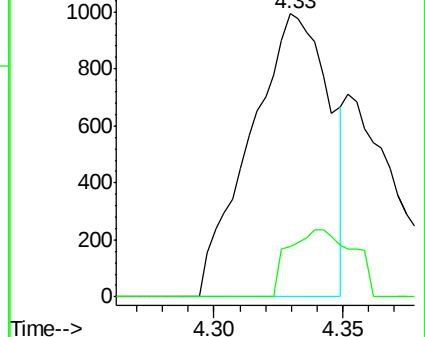
43 100

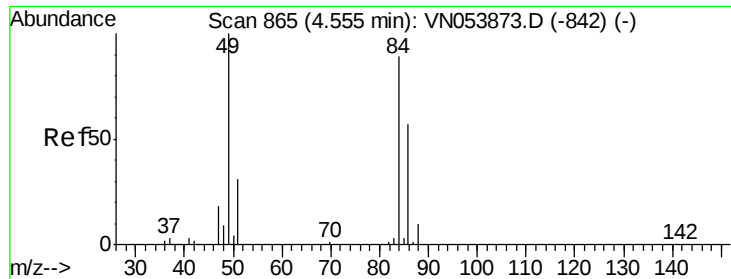
74 19.2 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



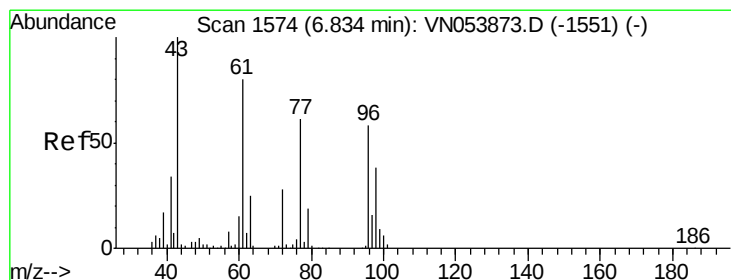
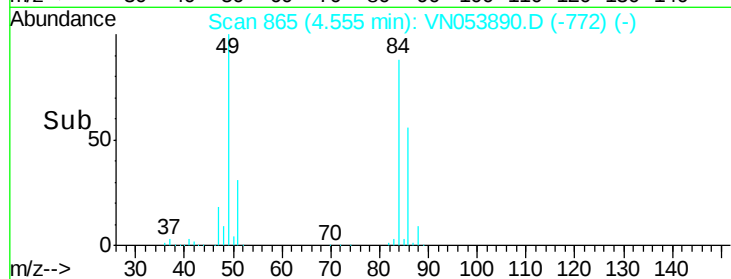
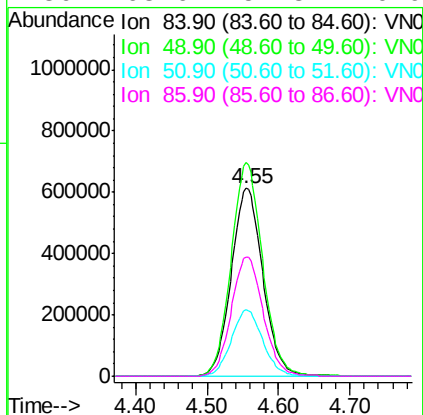
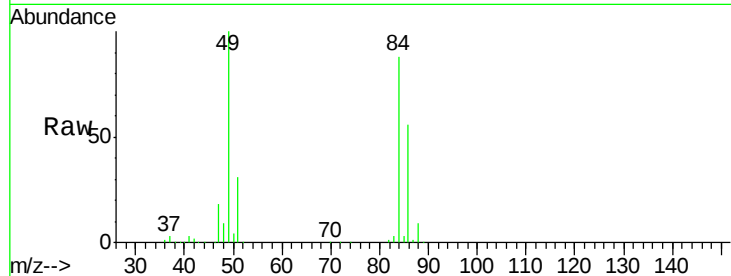


#20
Methvlene Chloride
Concen: 286.500 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-B

Tot Ion: 84 Resp: 1895014

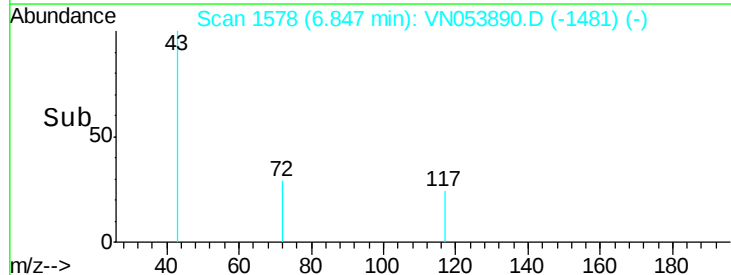
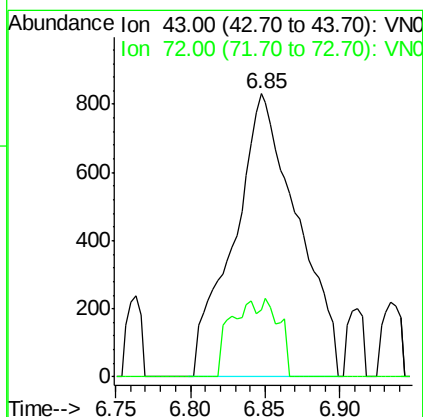
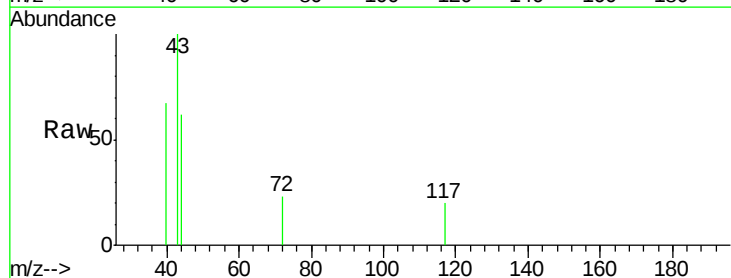
Ion	Ratio	Lower	Upper
84	100		
49	113.6	89.7	134.5
51	35.2	27.8	41.8
86	63.6	51.3	76.9

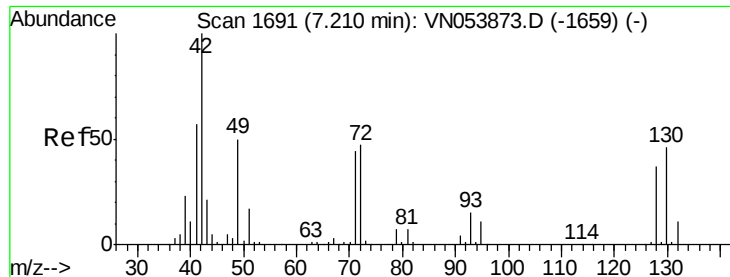


#25
2-Butanone
Concen: 1.080 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Tgt Ion: 43 Resp: 2462

Ion	Ratio	Lower	Upper
43	100		
72	23.5	22.1	33.1





#29

Tetrahydrofuran

Concen: 0.668 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

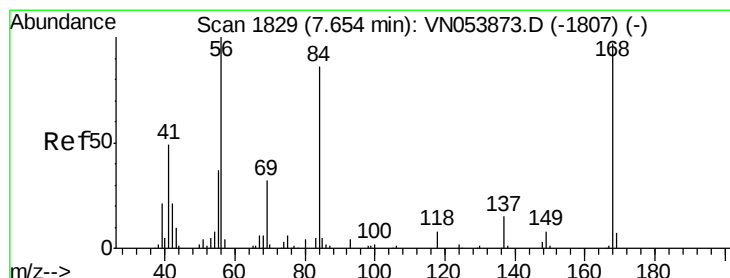
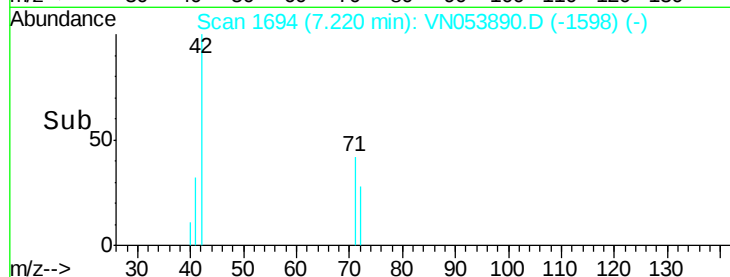
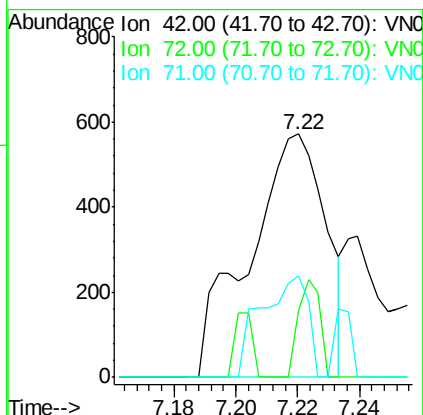
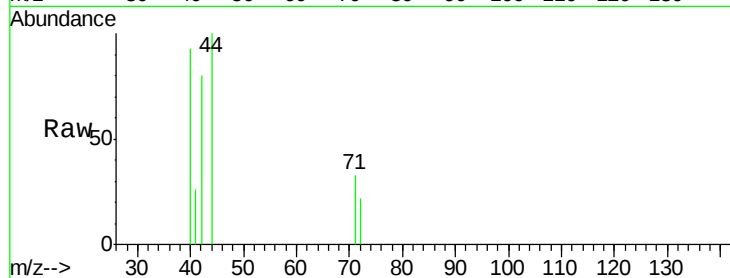
Tot Ion: 42 Resp: 985

Ion Ratio Lower Upper

42 100

72 11.5 36.9 55.3#

71 25.5 34.6 52.0#



#31

Cyclohexane

Concen: 0.314 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

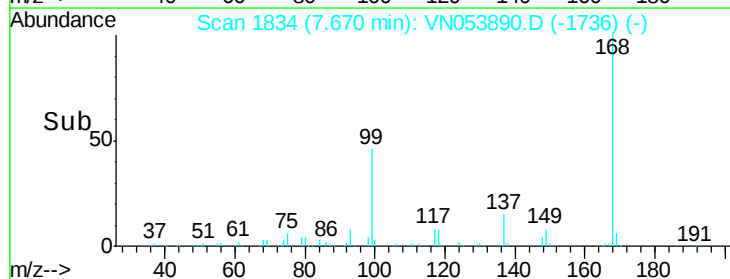
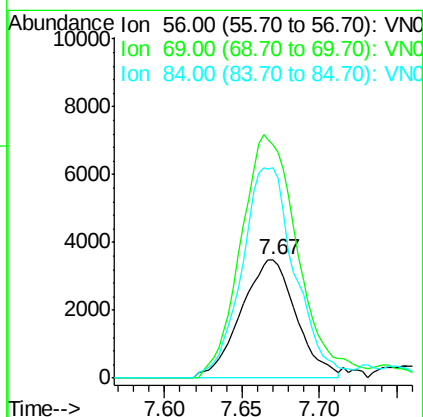
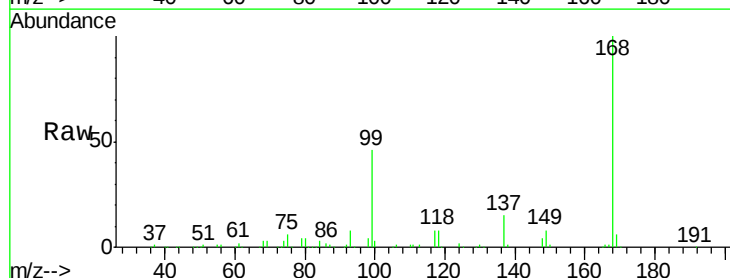
Tgt Ion: 56 Resp: 8663

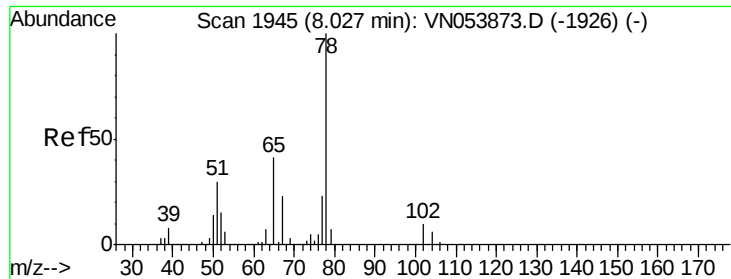
Ion Ratio Lower Upper

56 100

69 197.1 26.0 39.0#

84 177.4 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 52.274 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

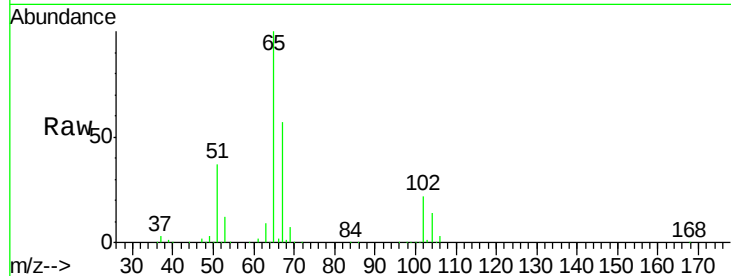
NB-07-022019-B

Tot Ion: 65 Resp: 335811

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053890.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053890.D (-1852) (-)

8.03

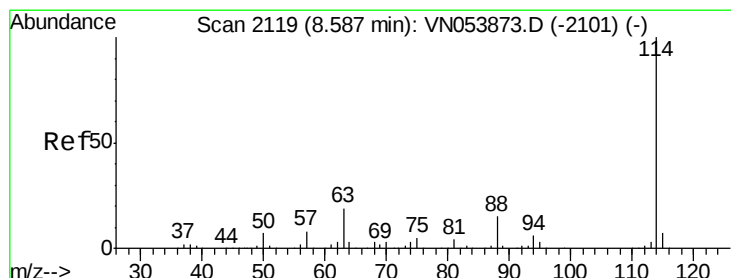
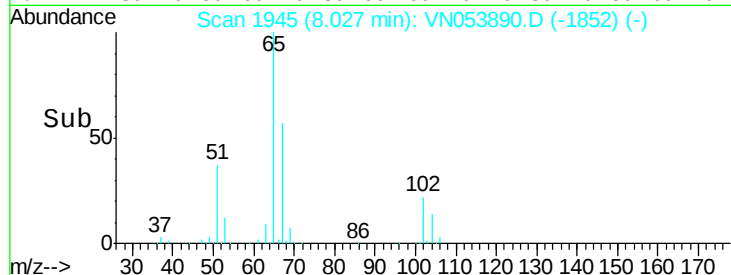
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

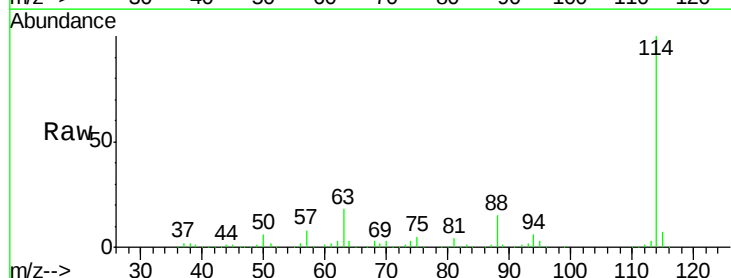
Tgt Ion: 114 Resp: 1054131

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053890.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053890.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053890.D (-2026) (-)

8.59

600000

500000

400000

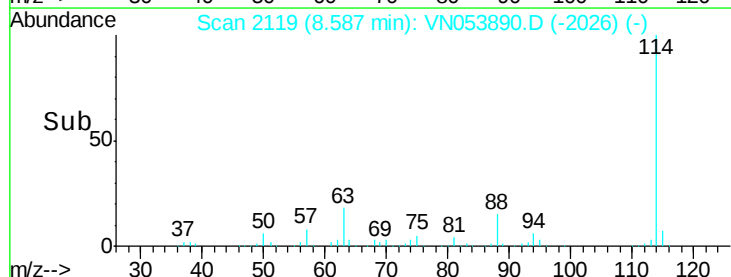
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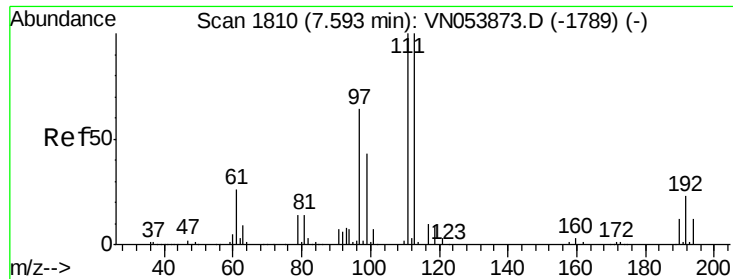
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100000

0

Time-->

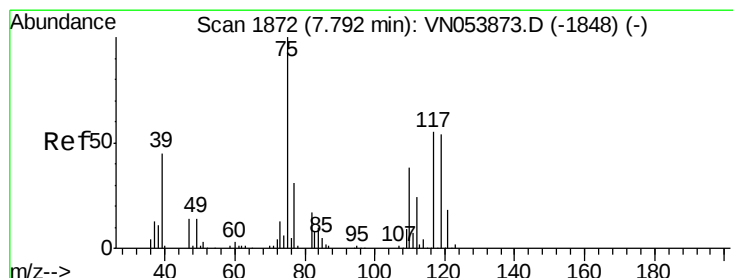
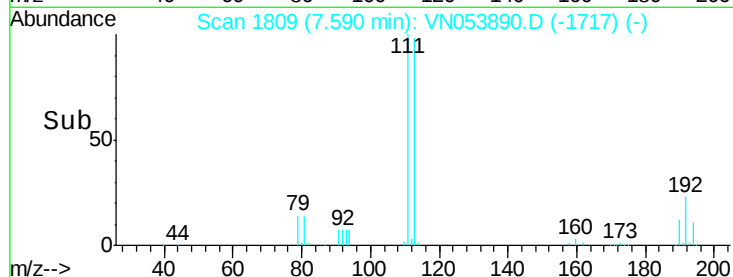
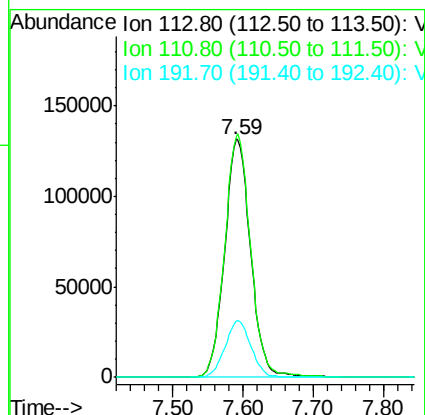
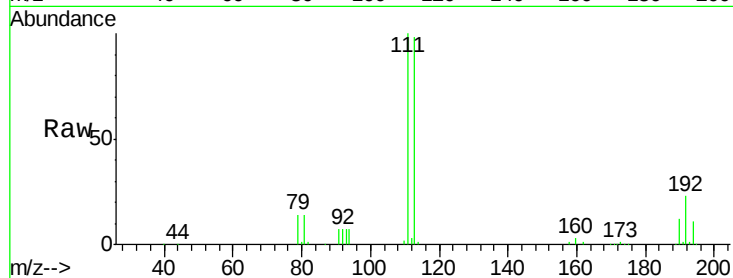




#35
 Dibromofluoromethane
 Concen: 48.964 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053890.D
 Acq: 21 Feb 2019 14:16

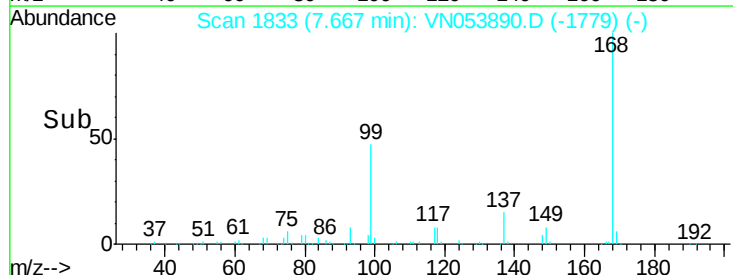
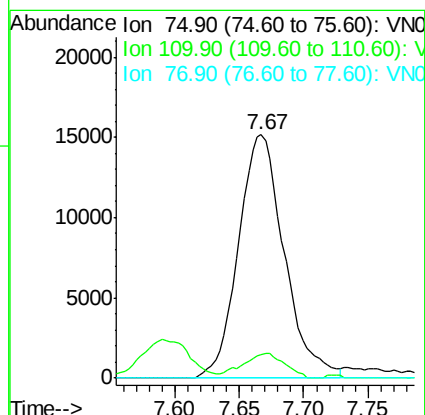
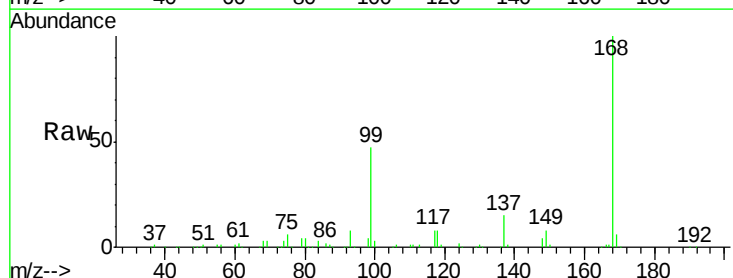
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-B

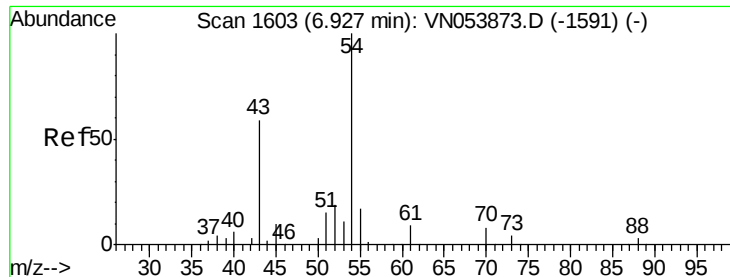
Tot Ion:113 Resp: 338738
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 3.879 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053890.D
 Acq: 21 Feb 2019 14:16

Tgt Ion: 75 Resp: 37476
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.0 57.0#
 77 0.0 25.4 38.0#

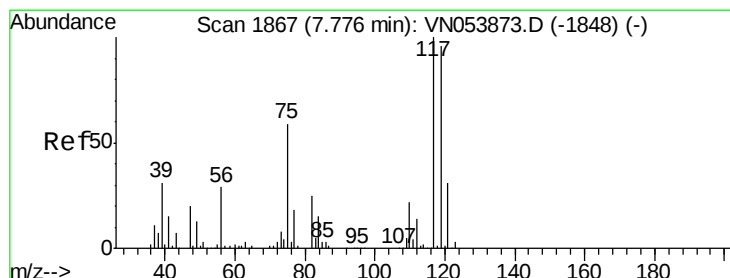
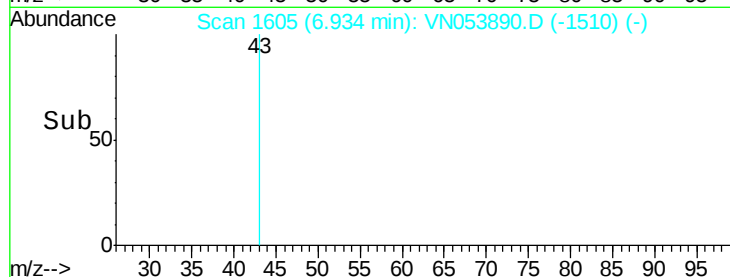
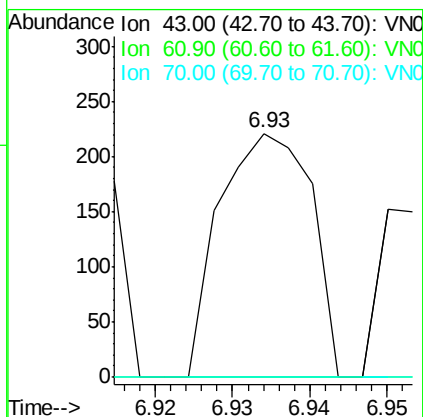
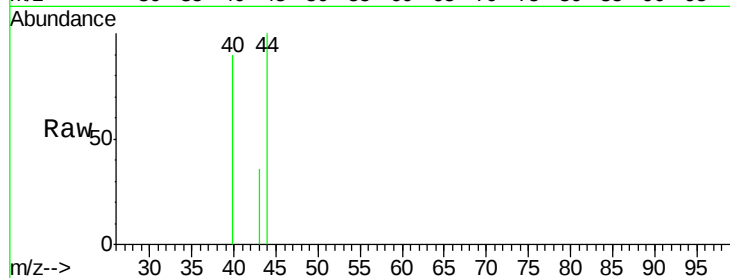




#37
Ethyl Acetate
Concen: 0.250 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

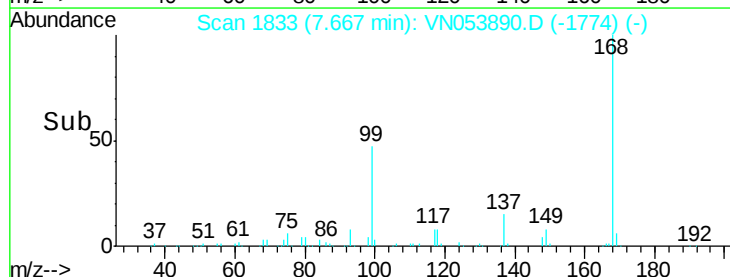
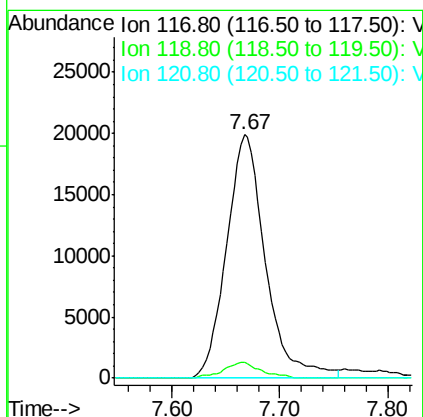
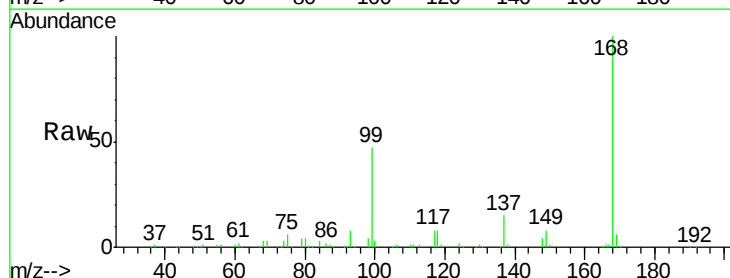
Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-B

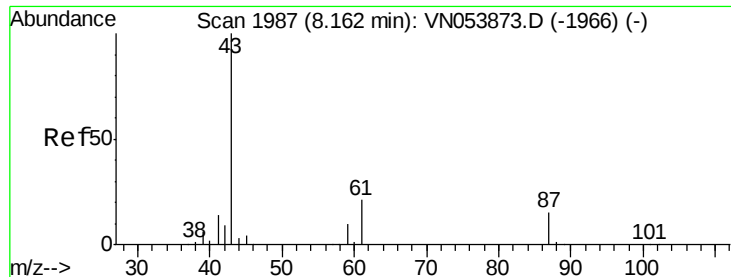
Tot Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.179 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Tgt Ion: 117 Resp: 49985
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 2.777 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

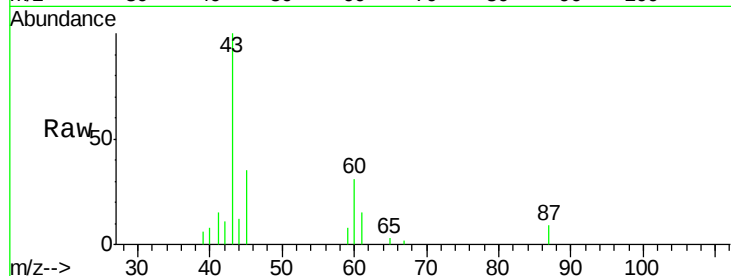
Tot Ion: 43 Resp: 28618

Ion Ratio Lower Upper

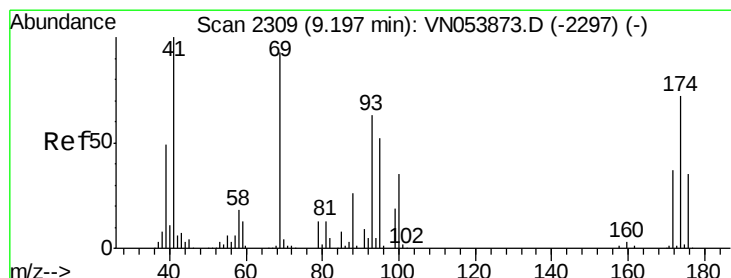
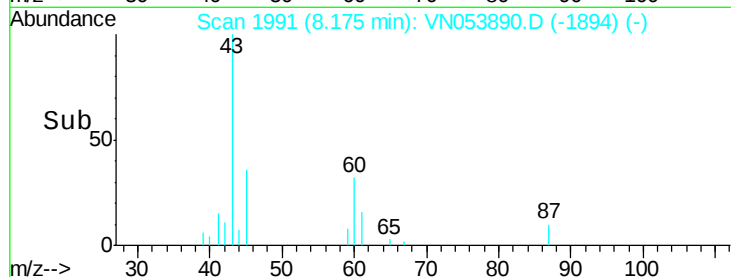
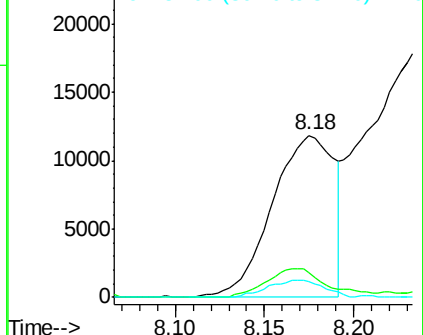
43 100

61 17.2 17.4 26.0#

87 9.5 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.885 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

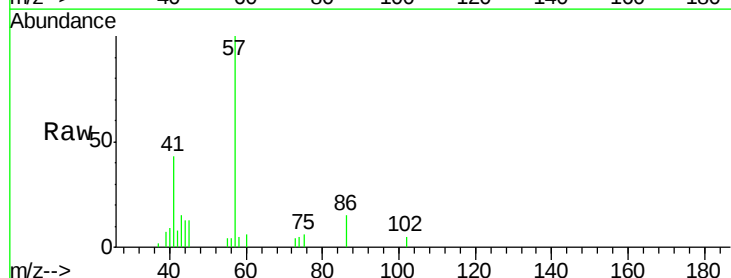
Tgt Ion: 41 Resp: 8329

Ion Ratio Lower Upper

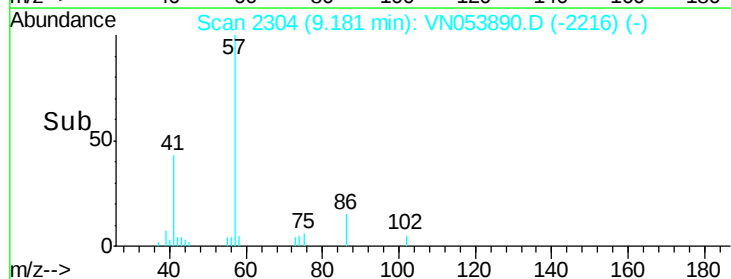
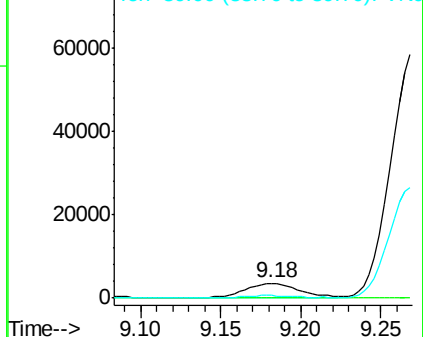
41 100

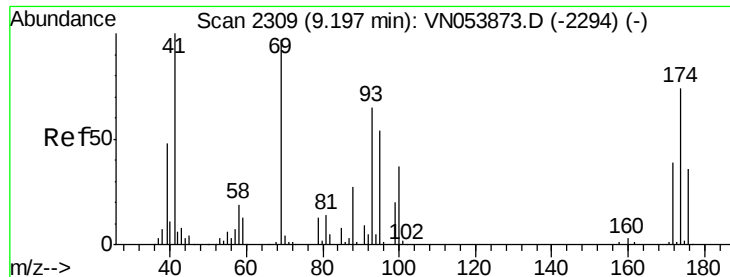
69 0.0 74.8 112.2#

39 0.0 39.0 58.6#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 22.586 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.08 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

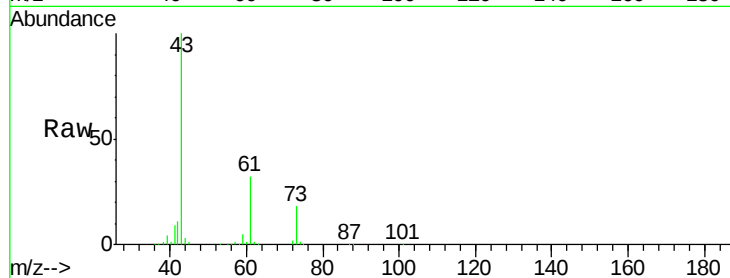
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 4390255.2 21.2 31.8#

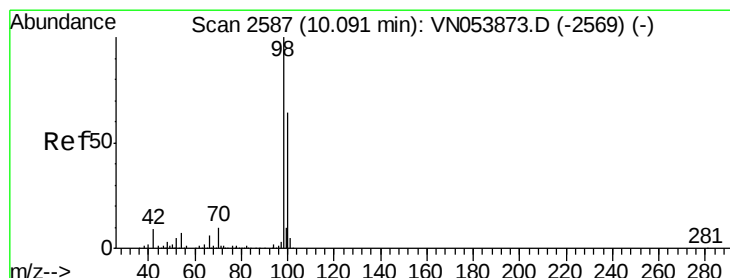
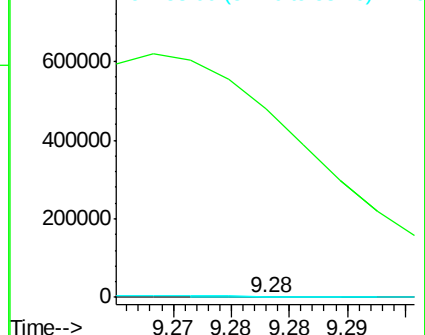
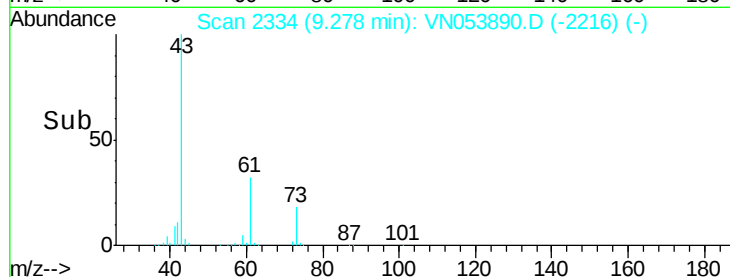
58 24789.7 54.2 81.2#



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: 51.961 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053890.D

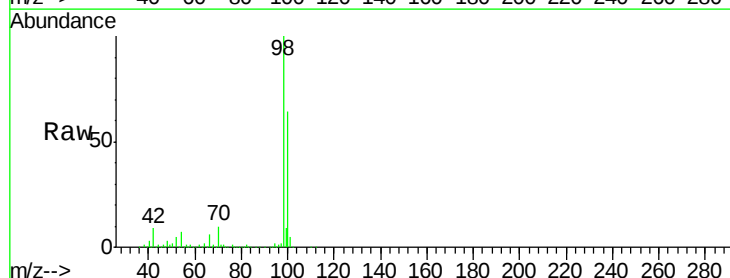
Acq: 21 Feb 2019 14:16

Tgt Ion: 98 Resp: 1298312

Ion Ratio Lower Upper

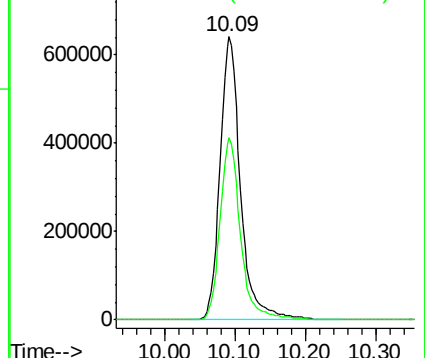
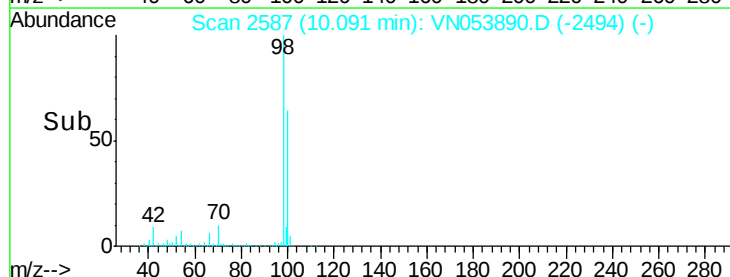
98 100

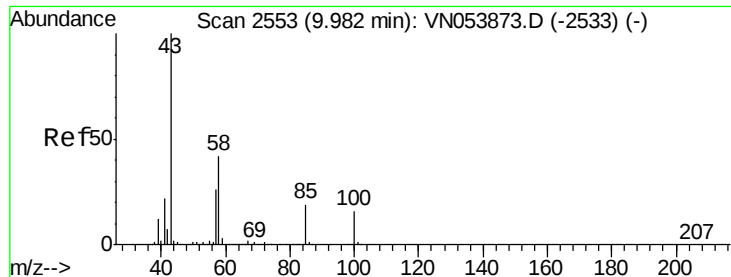
100 64.4 51.9 77.9



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: 7.747 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

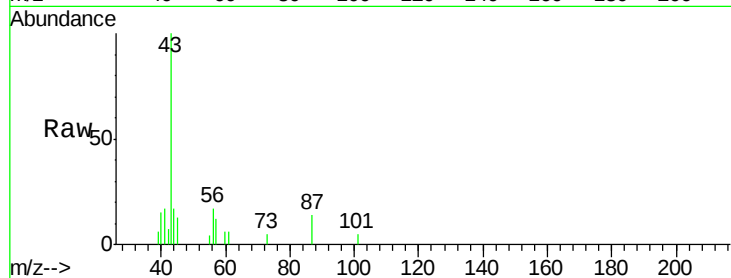
NB-07-022019-B

Tot Ion: 43 Resp: 6667

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#

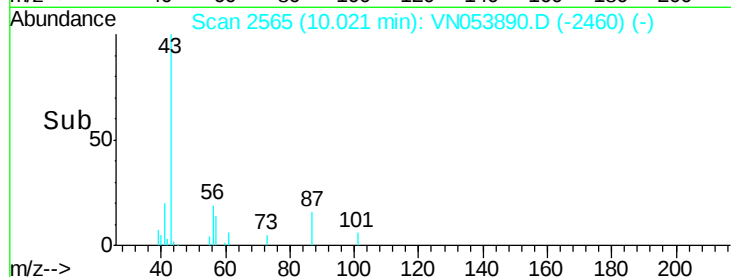


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

Time-->



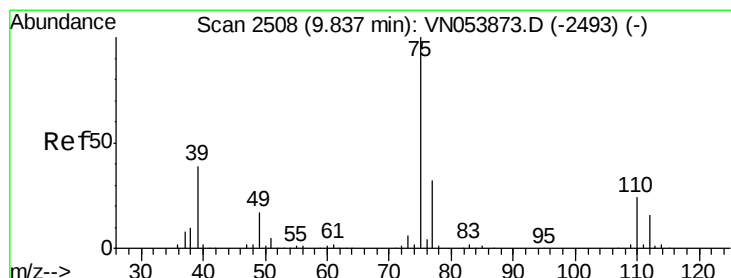
Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.02

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.576 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

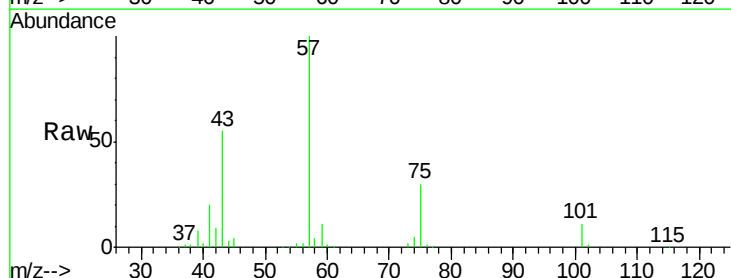
Tgt Ion: 75 Resp: 59112

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 25.4 31.4 47.0#



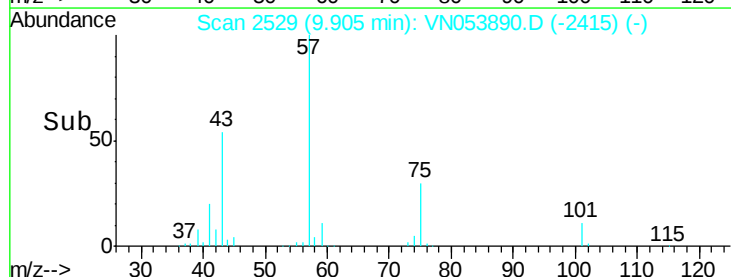
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.90

Time-->



Abundance

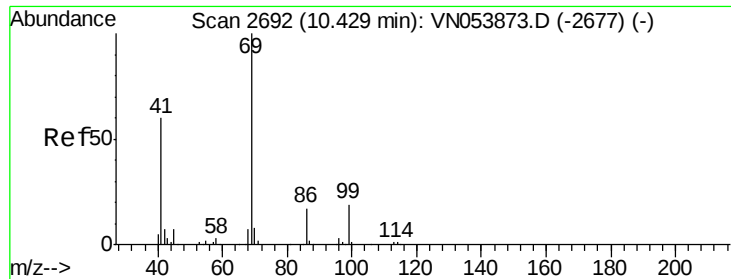
Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.90

Time-->



#56

Ethyl methacrylate

Concen: 2.602 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.12 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

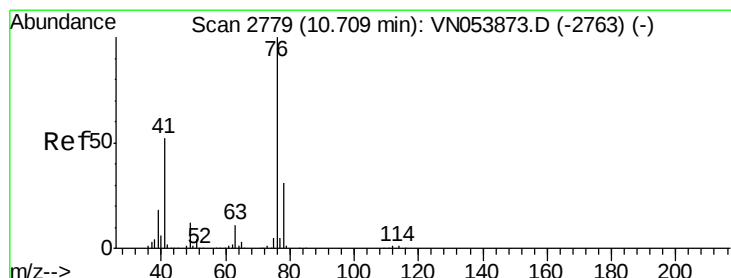
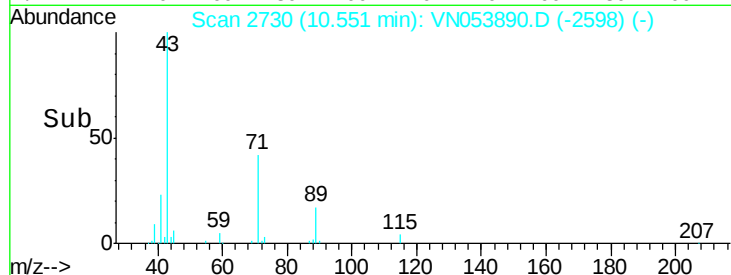
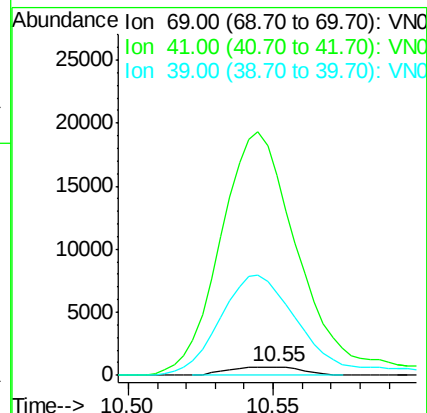
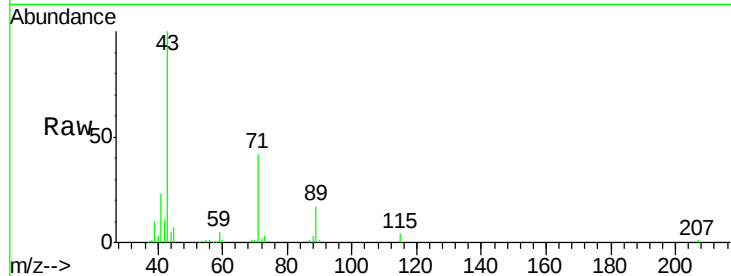
Tot Ion: 69 Resp: 1141

Ion Ratio Lower Upper

69 100

41 3172.5 47.5 71.3#

39 1362.4 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.064 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053890.D

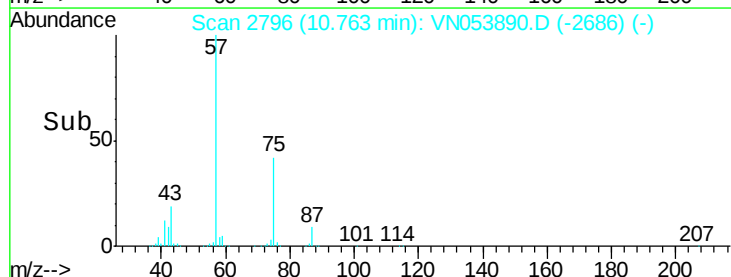
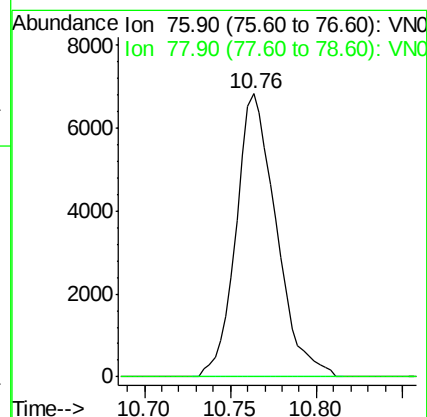
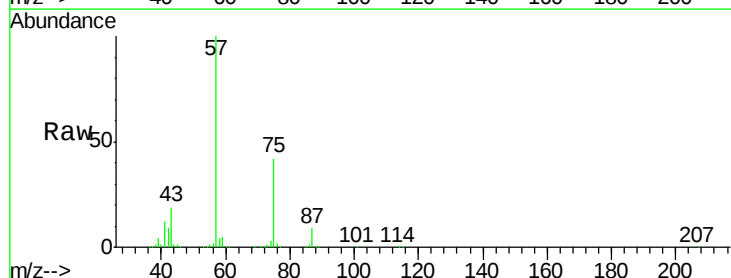
Acq: 21 Feb 2019 14:16

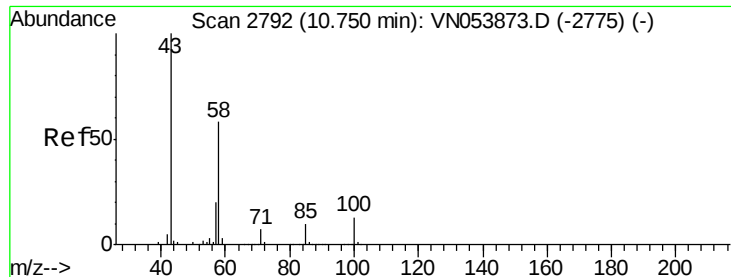
Tgt Ion: 76 Resp: 11082

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

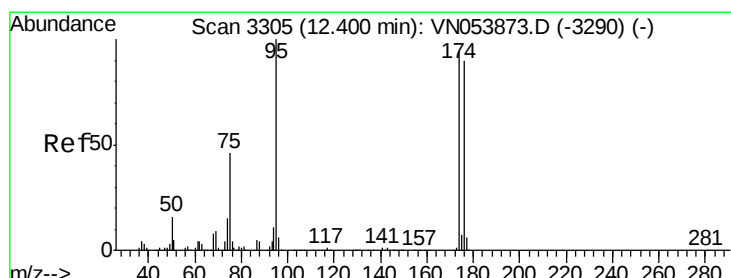
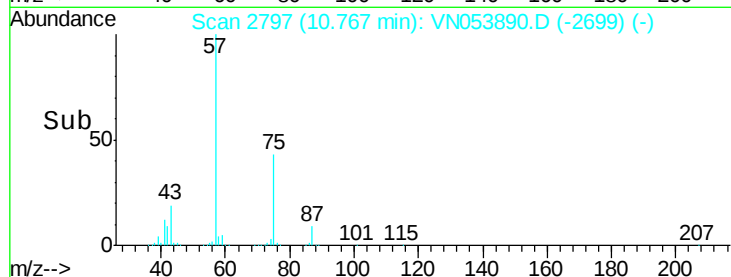
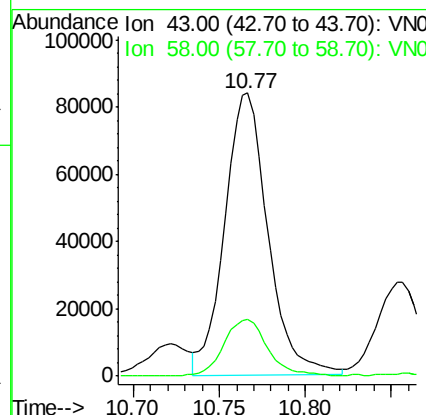
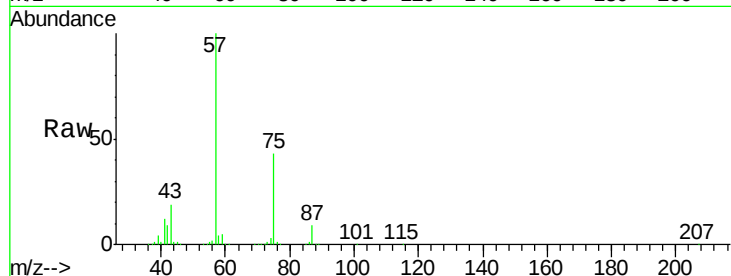




#59
2-Hexanone
Concen: 45.403 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

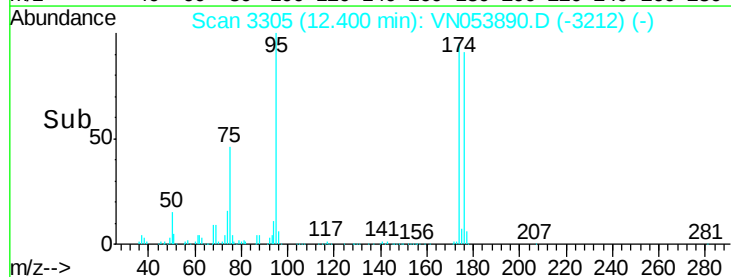
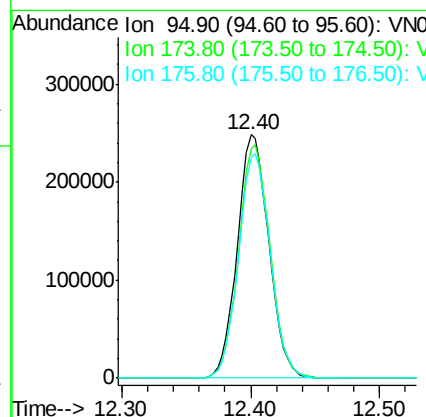
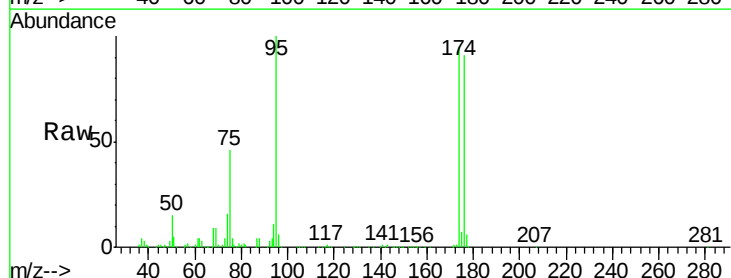
Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-B

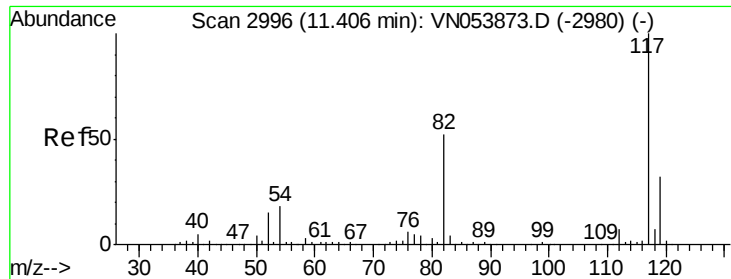
Tot Ion: 43 Resp: 146812
Ion Ratio Lower Upper
43 100
58 20.6 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 51.215 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Tgt Ion: 95 Resp: 422470
Ion Ratio Lower Upper
95 100
174 96.0 0.0 188.8
176 92.5 0.0 182.6

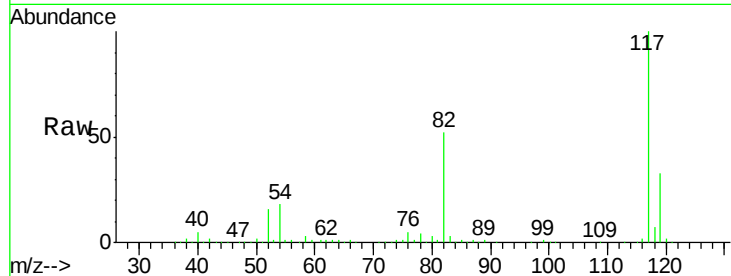




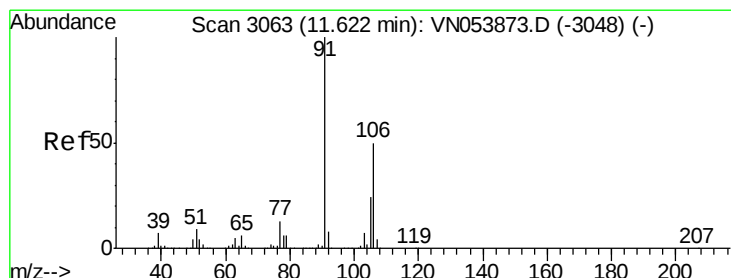
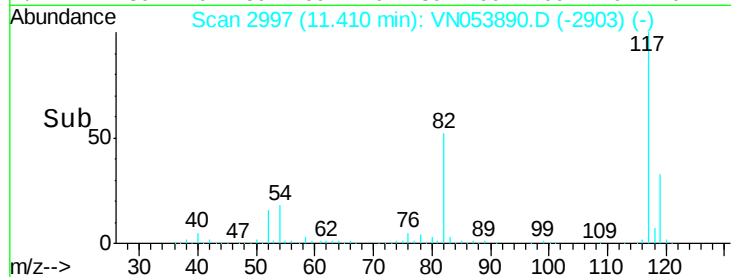
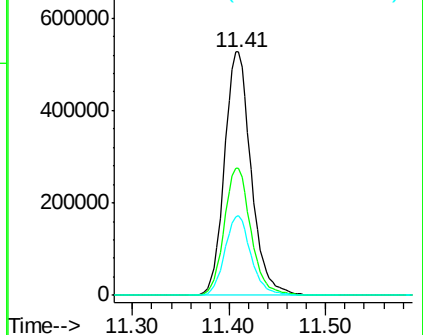
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-B

Tot Ion:117 Resp: 1003147
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 32.7 25.3 37.9

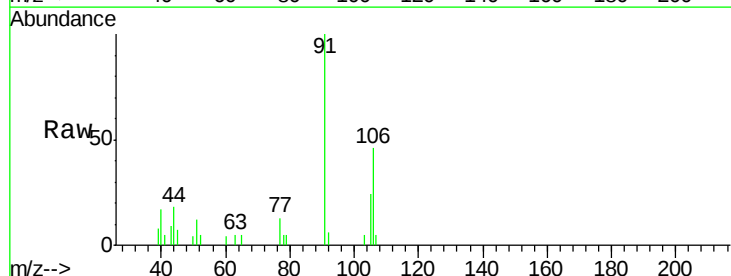


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

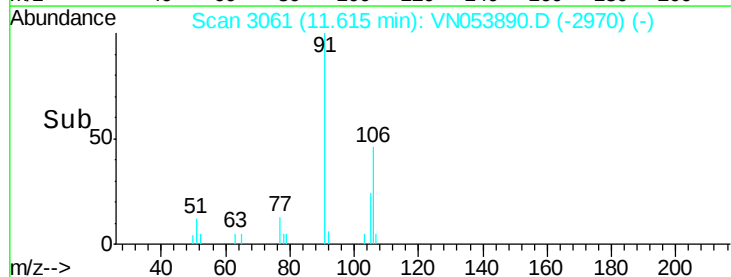
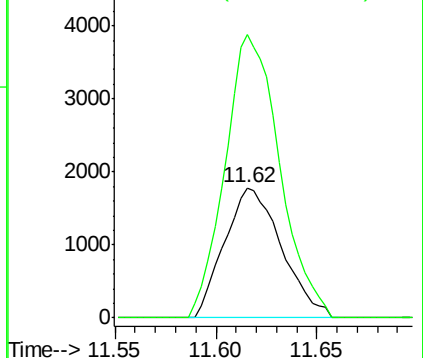


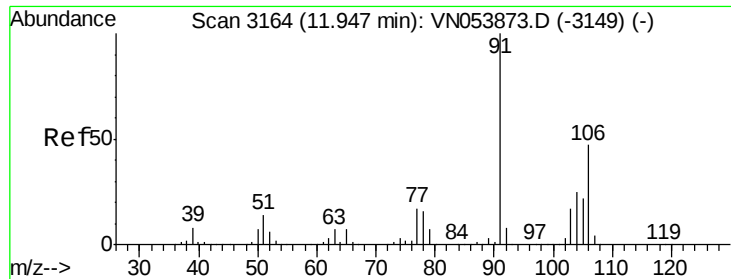
#68
m/p-Xylenes
Concen: 0.267 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Tgt Ion:106 Resp: 3513
Ion Ratio Lower Upper
106 100
91 208.4 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

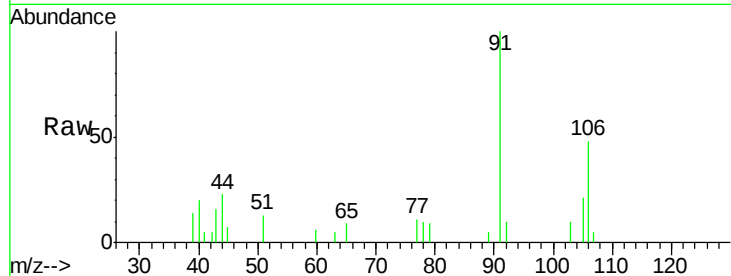




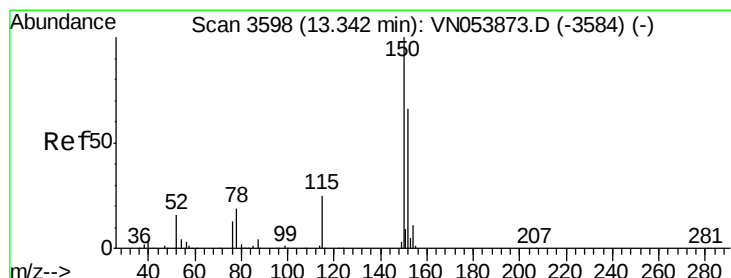
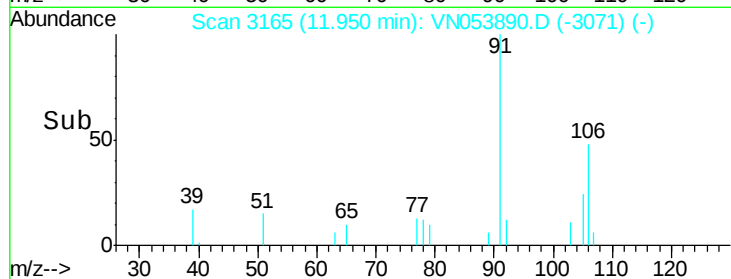
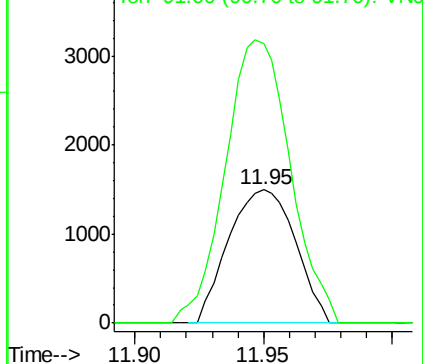
#69
o-Xylene
Concen: 0.214 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Instrument :
MSVOA_N
ClientSampled :
NB-07-022019-B

Tot Ion:106 Resp: 2705
Ion Ratio Lower Upper
106 100
91 206.8 106.0 318.0

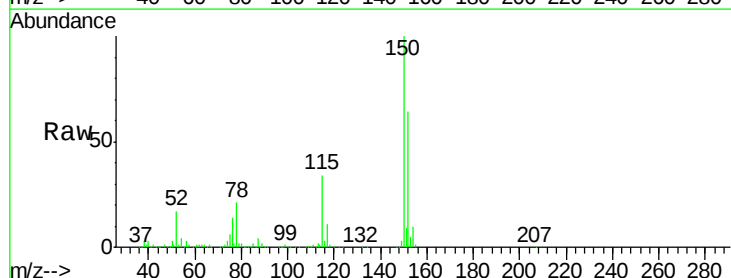


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

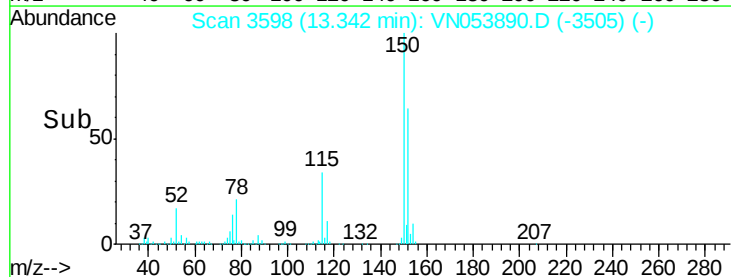
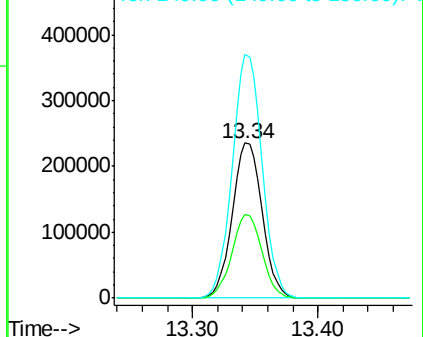


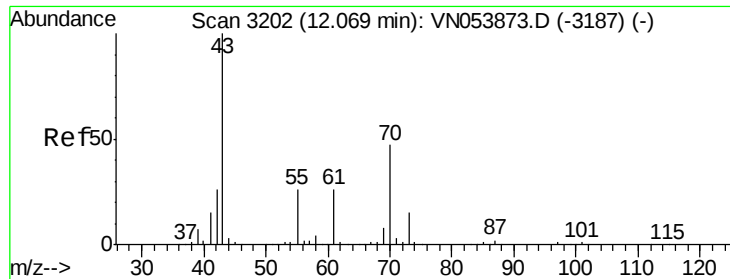
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Tgt Ion:152 Resp: 389889
Ion Ratio Lower Upper
152 100
115 54.1 27.2 81.6
150 156.5 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-amyl acetate

Concen: 2.340 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

Tot Ion: 43 Resp: 14759

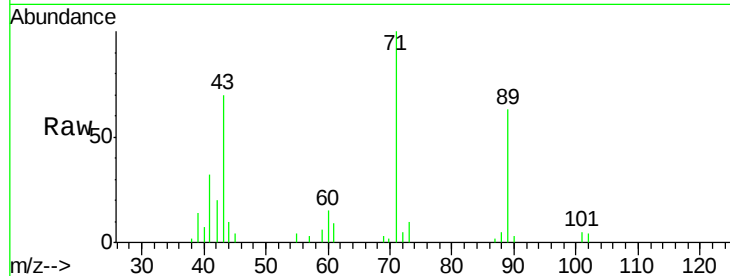
Ion Ratio Lower Upper

43 100

70 1.6 37.4 56.2#

55 4.5 21.4 32.0#

61 12.4 20.9 31.3#

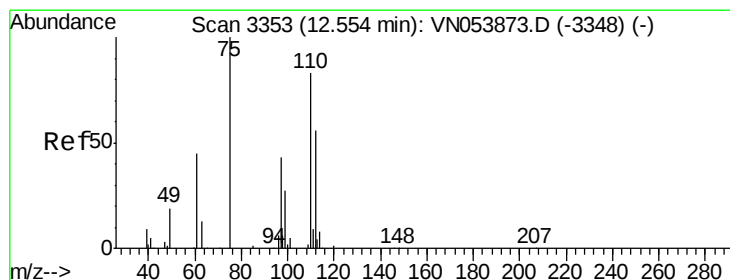
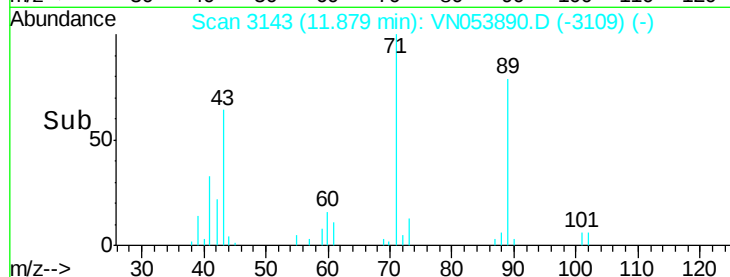
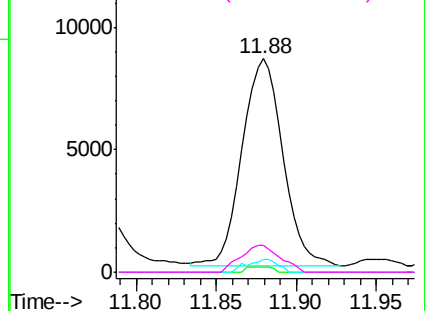


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 34.003 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053890.D

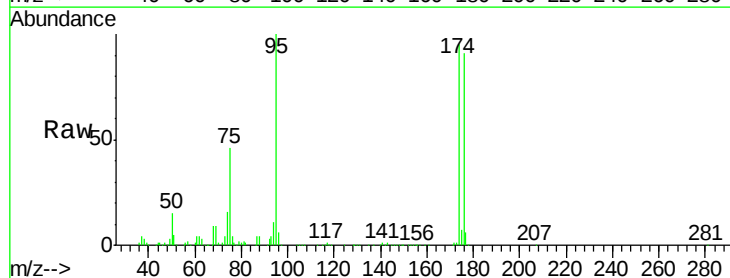
Acq: 21 Feb 2019 14:16

Tgt Ion: 75 Resp: 194621

Ion Ratio Lower Upper

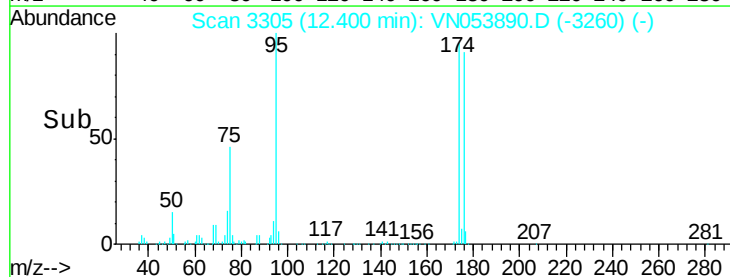
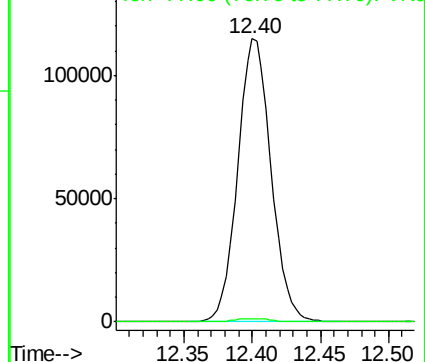
75 100

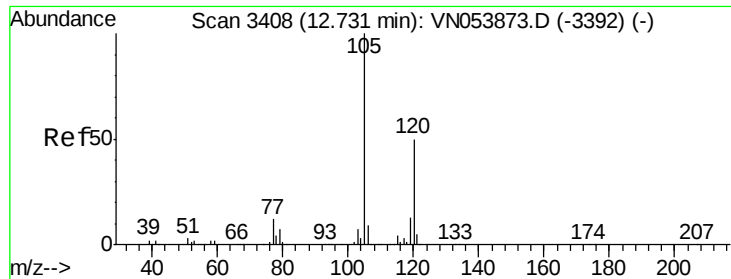
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

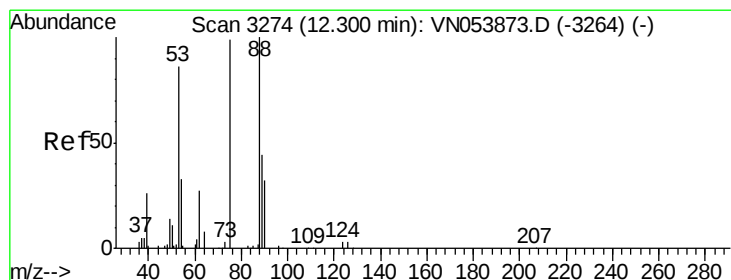
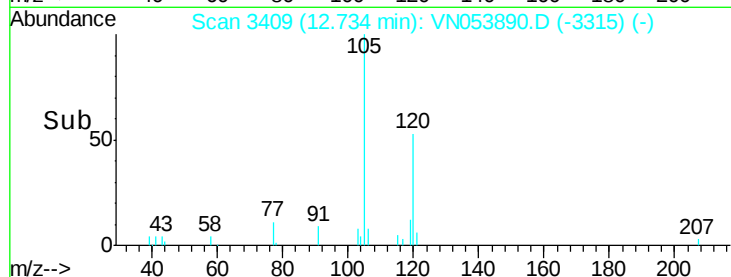
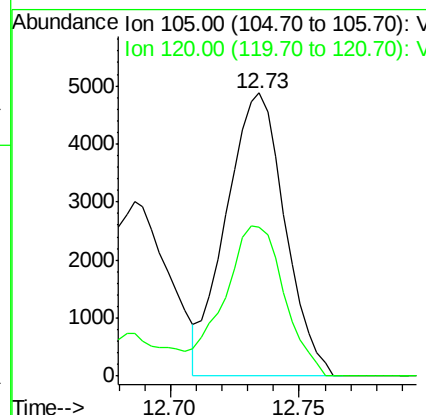
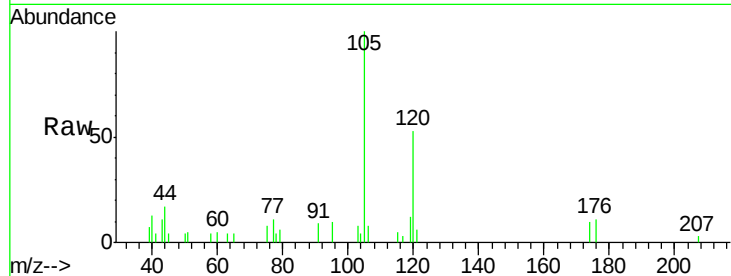




#80
 1,3,5-Trimethylbenzene
 Concen: 0.340 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053890.D
 Acq: 21 Feb 2019 14:16

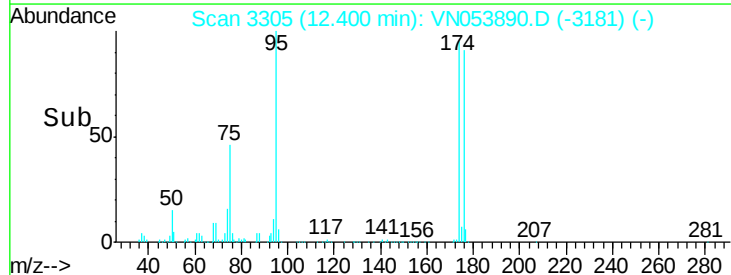
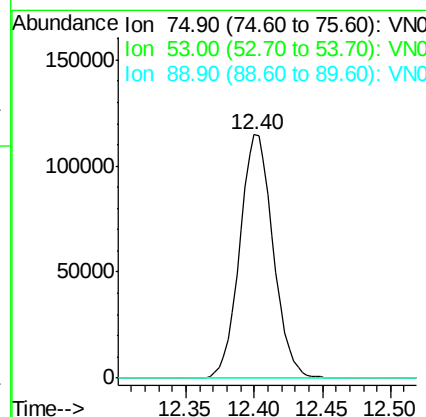
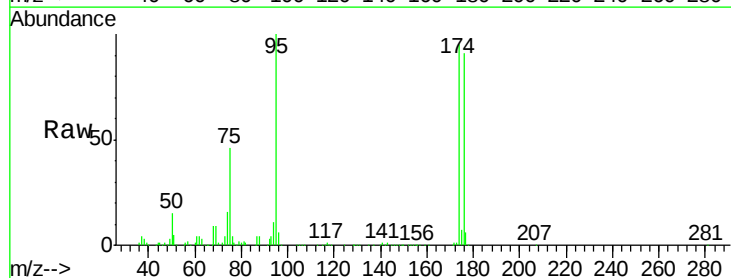
Instrument :
 MSVOA_N
 ClientSampled :
 NB-07-022019-B

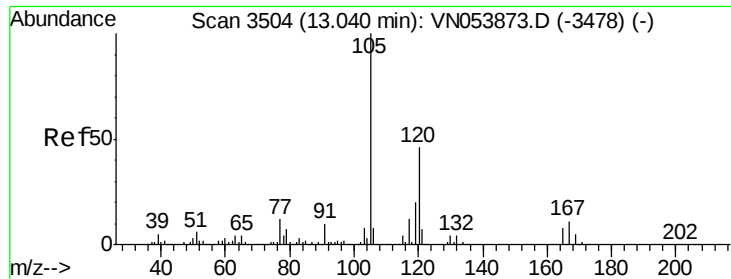
Tot Ion:105 Resp: 7754
 Ion Ratio Lower Upper
 105 100
 120 54.9 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.255 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053890.D
 Acq: 21 Feb 2019 14:16

Tgt Ion: 75 Resp: 194621
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 0.0 35.3 52.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.812 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

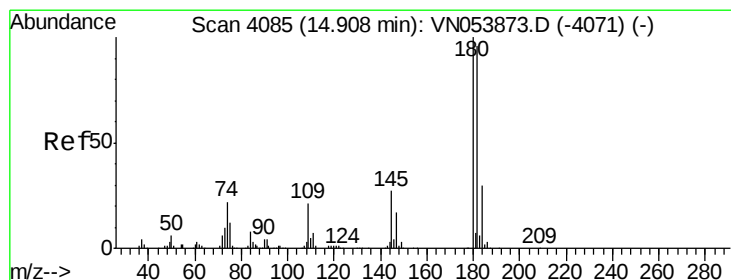
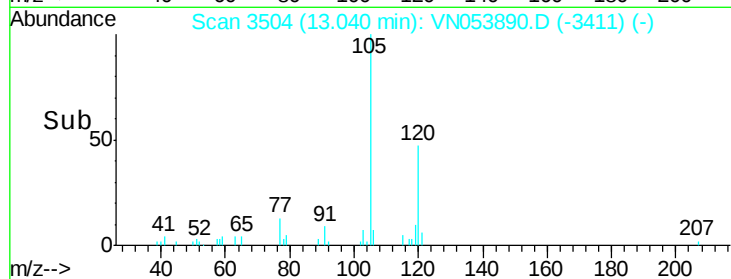
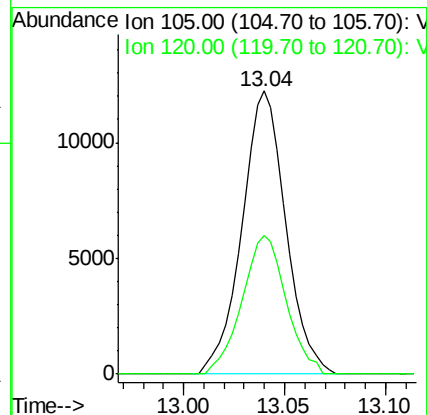
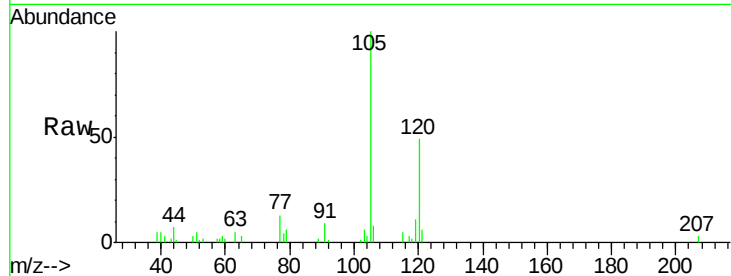
NB-07-022019-B

Tot Ion:105 Resp: 18574

Ion Ratio Lower Upper

105 100

120 49.1 23.2 69.5



#93

1,2,4-Trichlorobenzene

Concen: 2.938 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

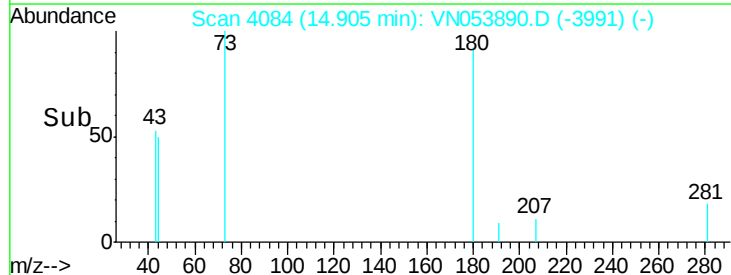
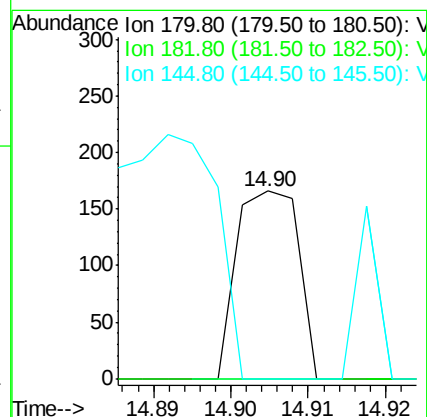
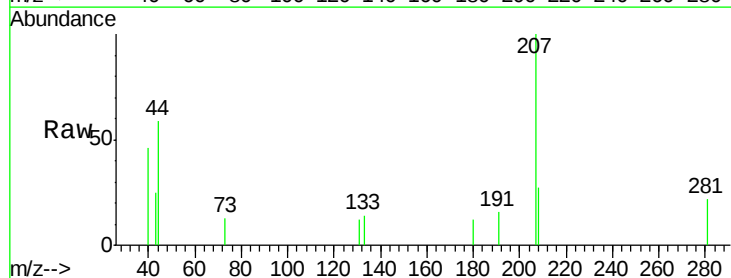
Tgt Ion:180 Resp: 92

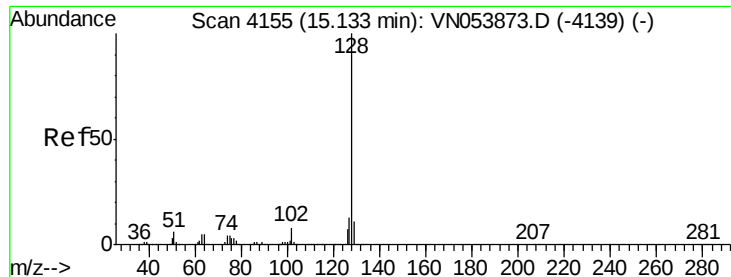
Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 31.5 13.8 41.3

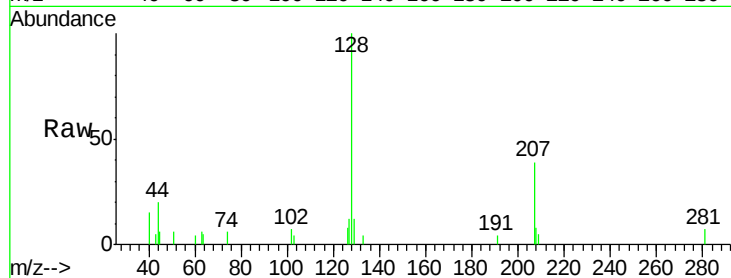




#95
Naphthalene
Concen: 5.082 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-B

Tot Ion:128 Resp: 8000
Ion Ratio Lower Upper
128 100
127 8.5 10.2 15.2#
129 9.6 8.6 12.8



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

