

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053891.D
 Acq On : 21 Feb 2019 14:43
 Operator : JC/SP
 Sample : K1344-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 22 00:37:13 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	672130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1194494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1133411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	443211	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	372838	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
35) Dibromofluoromethane	7.59	113	378941	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	10.09	98	1454902	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	478388	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	

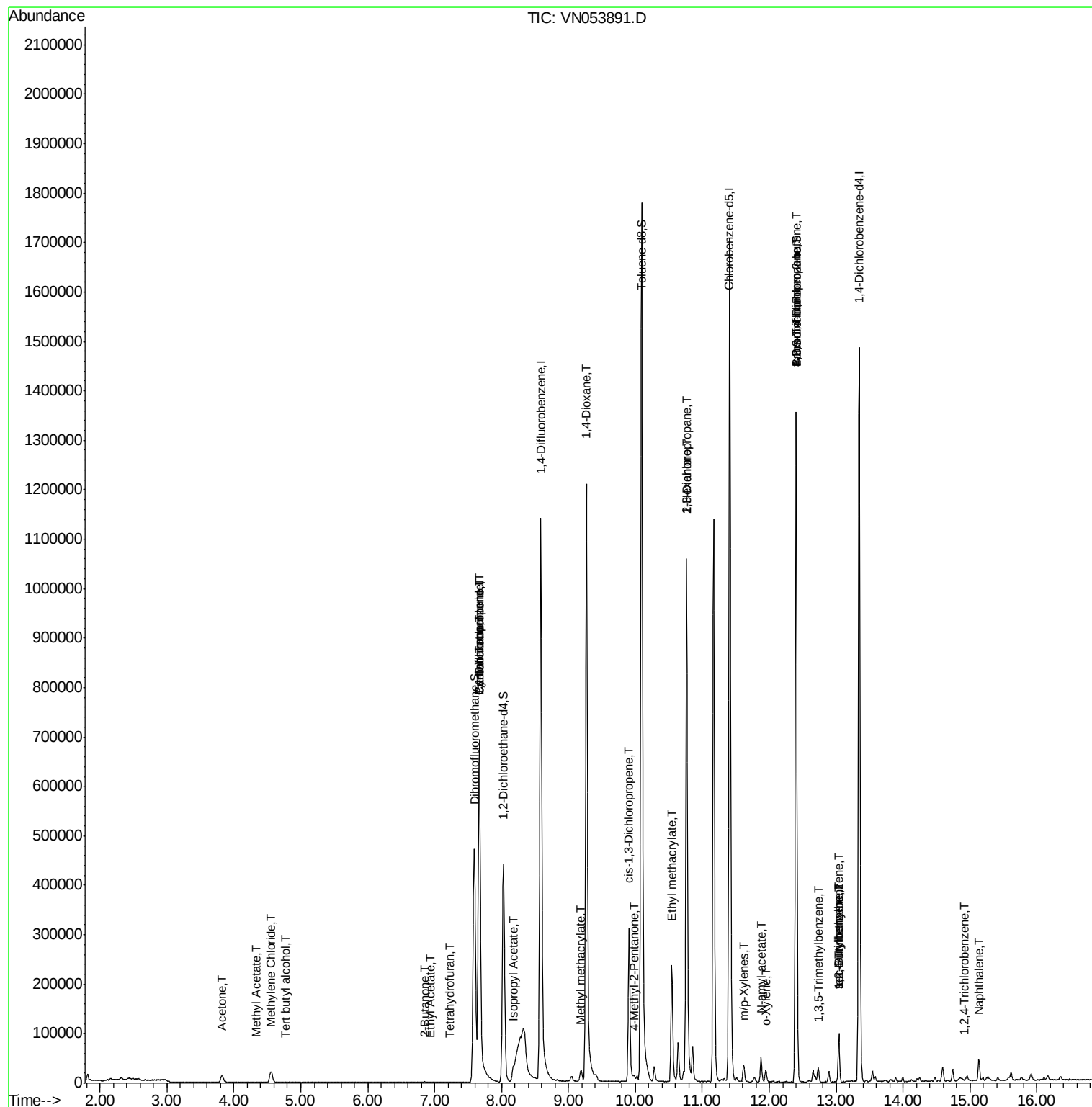
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	363	0.847	ug/l #	73
16) Acetone	3.82	43	26434	13.993	ug/l	99
18) Methyl Acetate	4.33	43	2904	0.651	ug/l #	59
20) Methylene Chloride	4.56	84	18354	2.595	ug/l	95
25) 2-Butanone	6.85	43	2128	0.873	ug/l	93
29) Tetrahydrofuran	7.22	42	1186	0.752	ug/l #	52
31) Cyclohexane	7.66	56	9998	0.382	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41679	3.807	ug/l #	47
37) Ethyl Acetate	6.93	43	382	0.277	ug/l #	67
38) Carbon Tetrachloride	7.66	117	57263	5.236	ug/l #	16
41) Methacrylonitrile	7.21	41	404	Below Cal	#	100
43) Isopropyl Acetate	8.17	43	33079	2.832	ug/l #	87
48) Methyl methacrylate	9.18	41	9154	1.828	ug/l #	12
49) 1,4-Dioxane	9.27	88	65	22.973	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7340	7.712	ug/l #	81
54) cis-1,3-Dichloropropene	9.90	75	65574	5.458	ug/l #	65
56) Ethyl methacrylate	10.54	69	1319	2.605	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	12647	1.071	ug/l #	43
59) 2-Hexanone	10.76	43	157726	43.047	ug/l #	50
68) m/p-Xylenes	11.62	106	12017	0.808	ug/l	98
69) o-Xylene	11.95	106	7175	0.501	ug/l	94
71) Bromoform	12.40	173	3461	0.563	ug/l #	1
74) N-ethyl acetate	11.88	43	15252	2.127	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	219939	33.804	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16644	0.642	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	219939	111.596	ug/l #	15
83) tert-Butylbenzene	13.04	119	7322	0.315	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	55745	2.145	ug/l	99
85) sec-Butylbenzene	13.04	105	55745	1.779	ug/l #	56
93) 1,2,4-Trichlorobenzene	14.91	180	34	2.930	ug/l #	19
95) Naphthalene	15.13	128	40014	6.678	ug/l	98

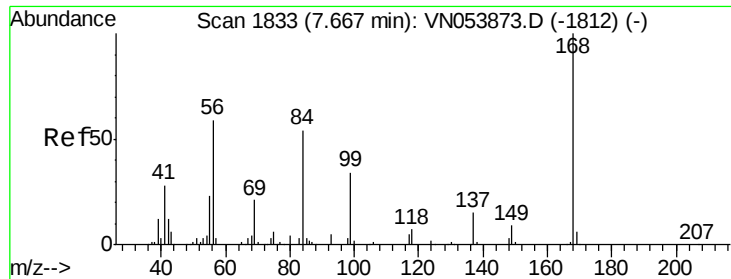
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053891.D
Acq On : 21 Feb 2019 14:43
Operator : JC/SP
Sample : K1344-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 22 00:37:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
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: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

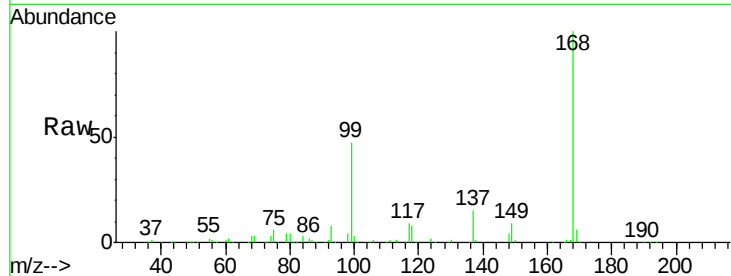
NB-07-022019-A

Tot Ion:168 Resp: 672130

Ion Ratio Lower Upper

168 100

99 47.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

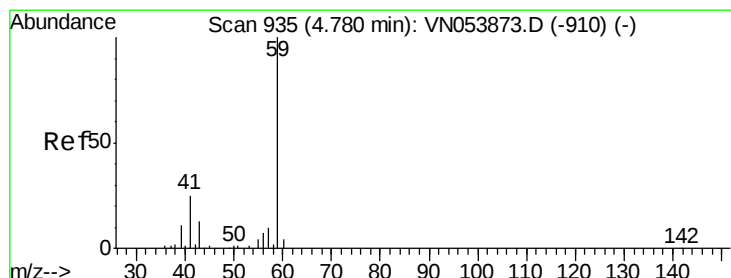
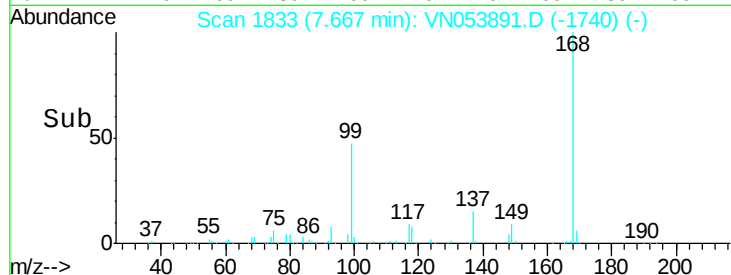
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.847 ug/l

RT: 4.78 min Scan# 935

Delta R.T. -0.00 min

Lab File: VN053891.D

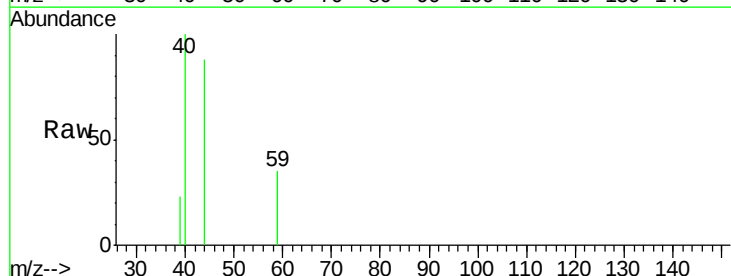
Acq: 21 Feb 2019 14:43

Tgt Ion: 59 Resp: 363

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

4.78

300

250

200

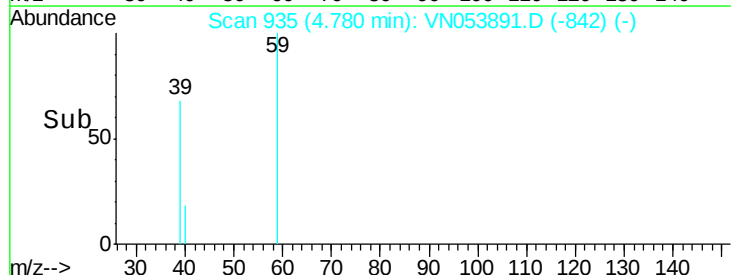
150

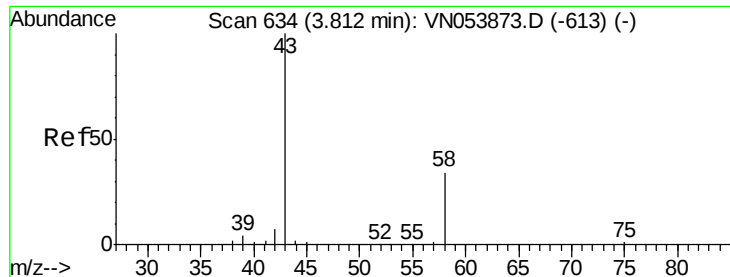
100

50

0

Time-->





#16

Acetone

Concen: 13.993 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

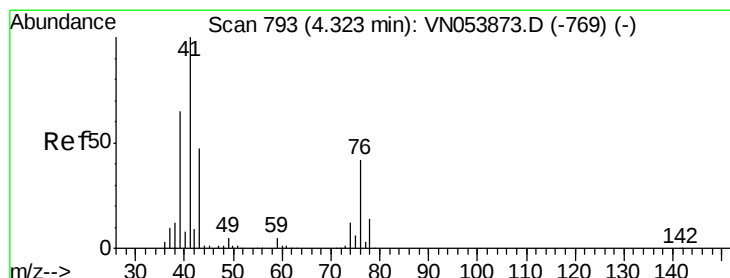
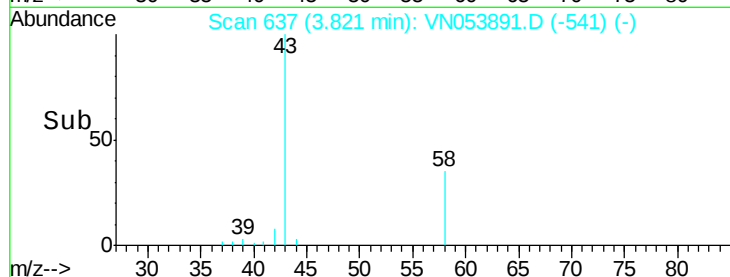
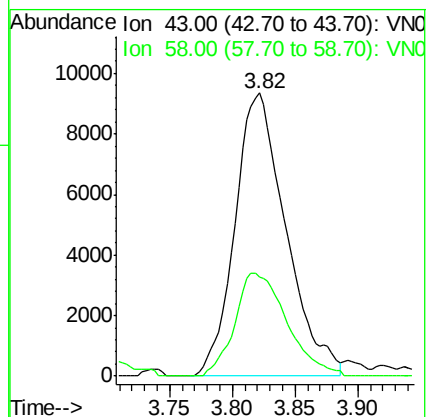
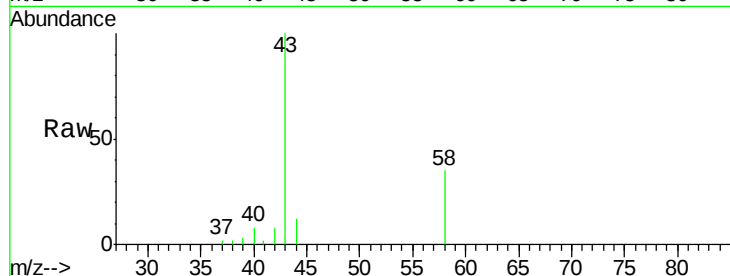
NB-07-022019-A

Tot Ion: 43 Resp: 26434

Ion Ratio Lower Upper

43 100

58 34.9 27.6 41.4



#18

Methyl Acetate

Concen: 0.651 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053891.D

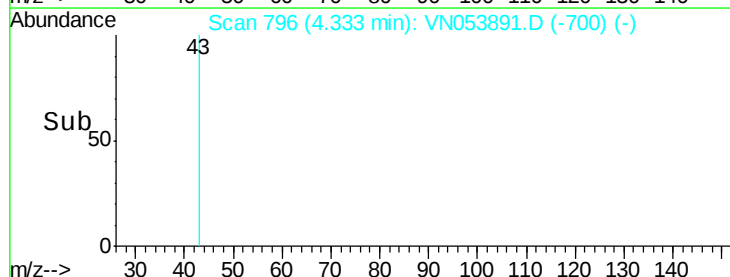
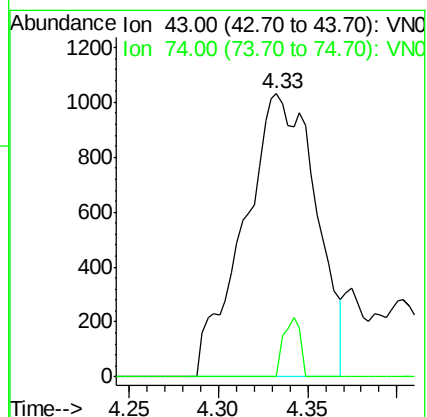
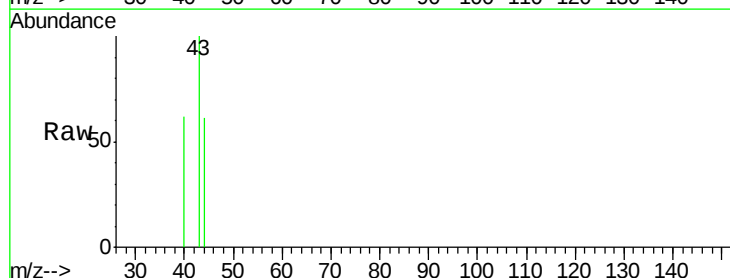
Acq: 21 Feb 2019 14:43

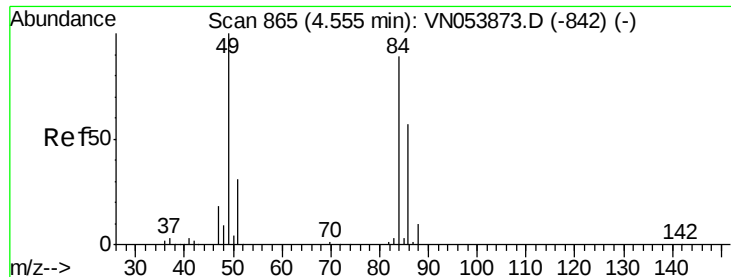
Tgt Ion: 43 Resp: 2904

Ion Ratio Lower Upper

43 100

74 4.8 20.5 30.7#

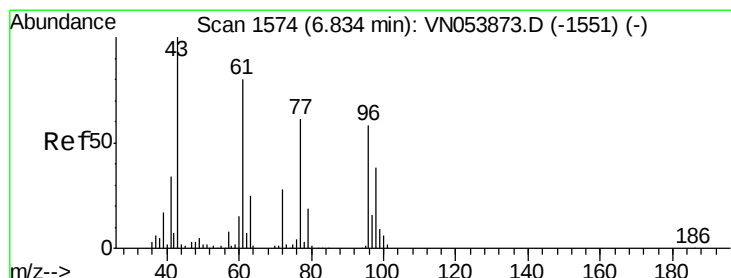
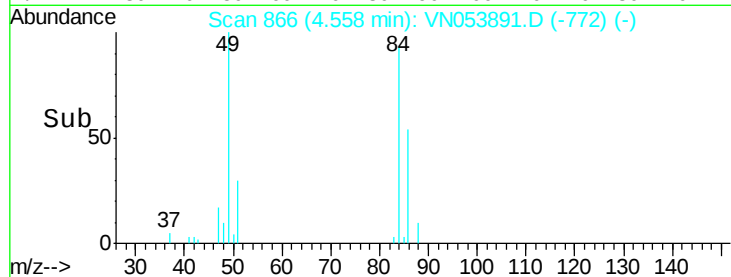
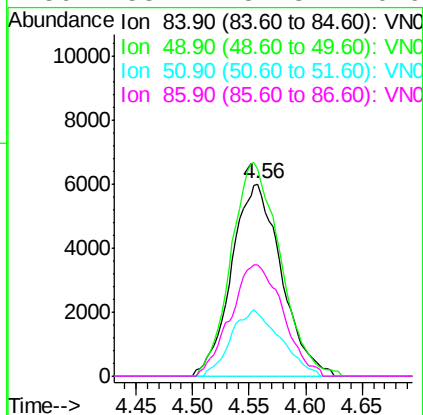
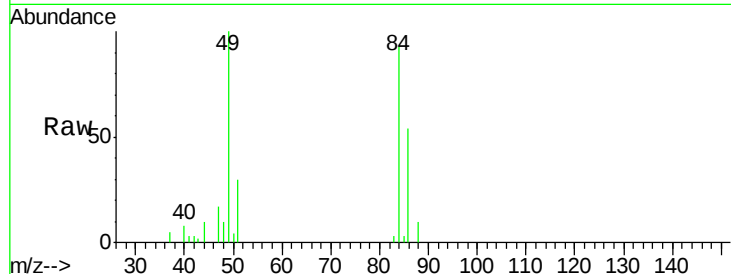




#20
Methvlene Chloride
Concen: 2.595 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

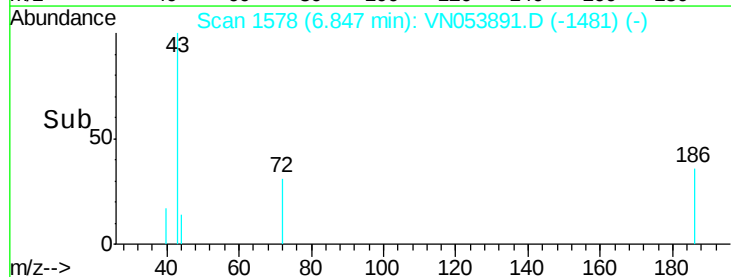
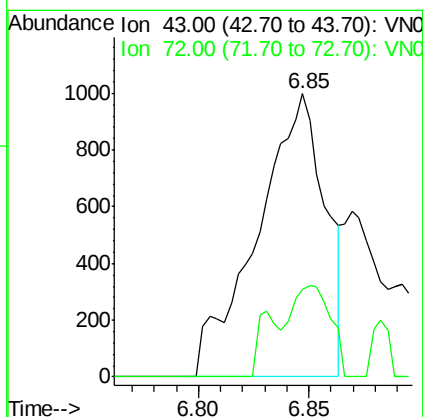
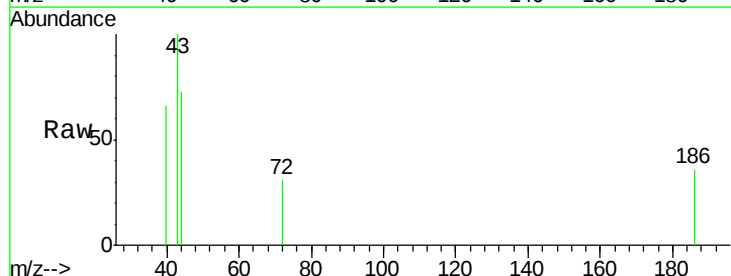
Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-A

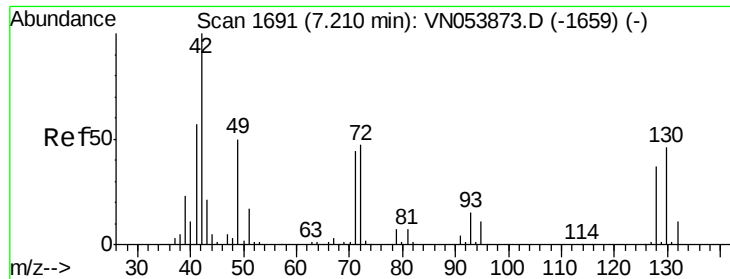
Tot Ion: 84 Resp: 18354
Ion Ratio Lower Upper
84 100
49 108.0 89.7 134.5
51 32.9 27.8 41.8
86 58.2 51.3 76.9



#25
2-Butanone
Concen: 0.873 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

Tgt Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
72 31.1 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.752 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

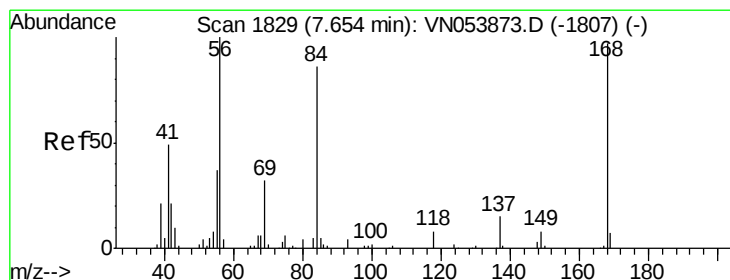
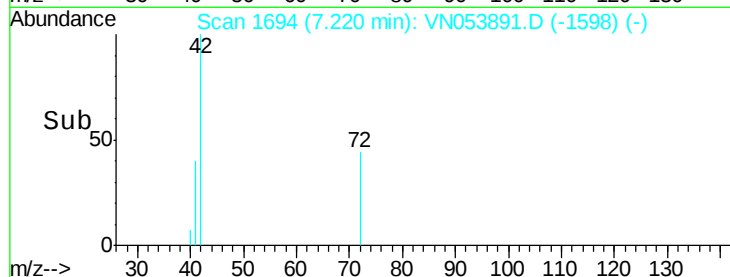
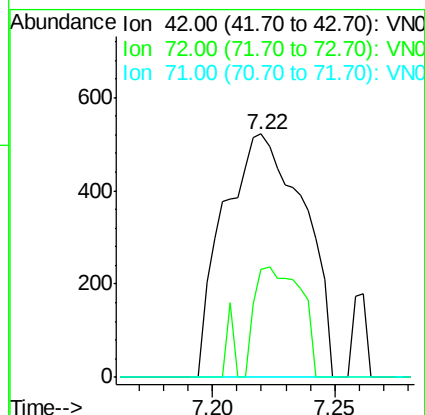
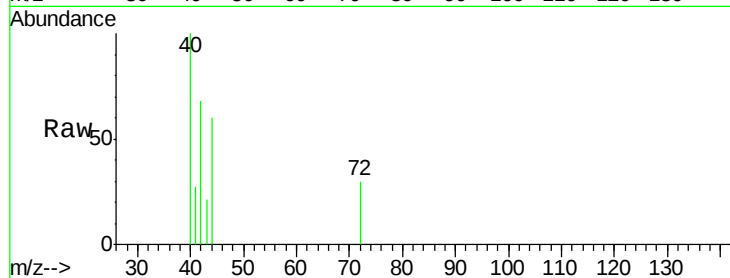
Tot Ion: 42 Resp: 1186

Ion Ratio Lower Upper

42 100

72 26.2 36.9 55.3#

71 0.0 34.6 52.0#



#31

Cyclohexane

Concen: 0.382 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

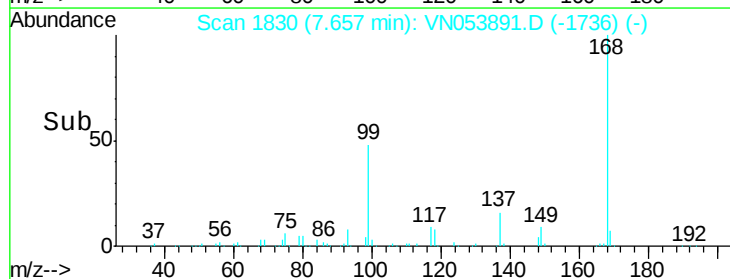
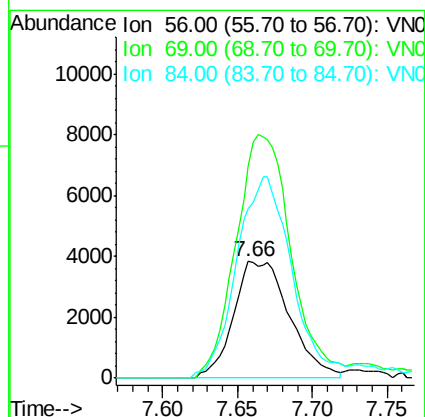
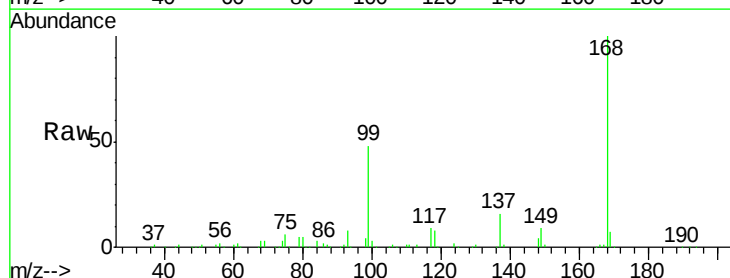
Tgt Ion: 56 Resp: 9998

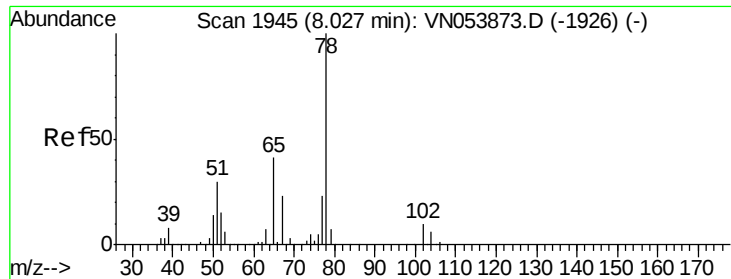
Ion Ratio Lower Upper

56 100

69 181.4 26.0 39.0#

84 145.6 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 54.278 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

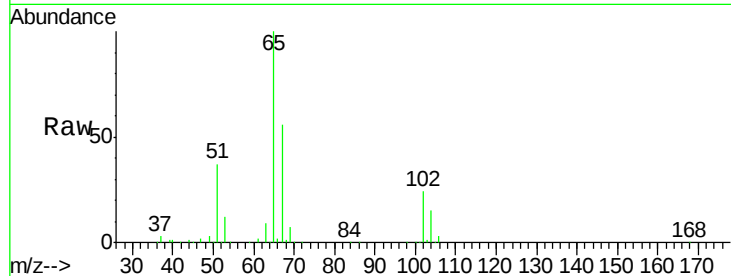
NB-07-022019-A

Tot Ion: 65 Resp: 372838

Ion Ratio Lower Upper

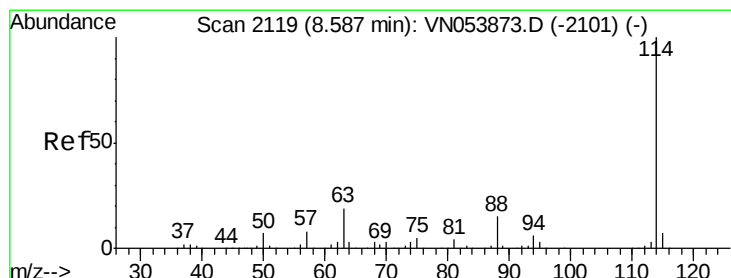
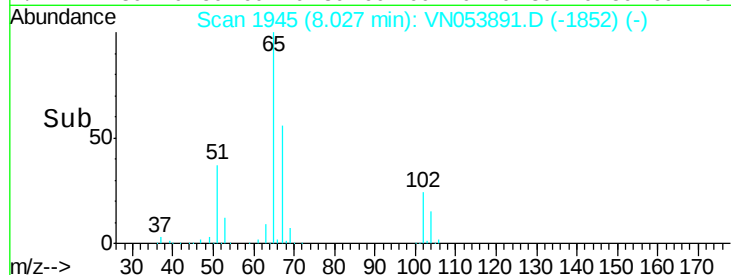
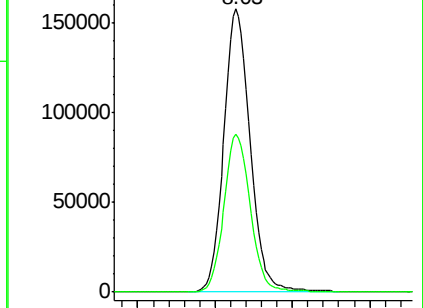
65 100

67 55.7 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053891.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053891.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

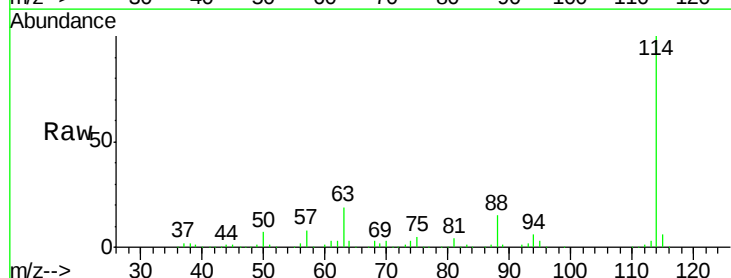
Tgt Ion: 114 Resp: 1194494

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

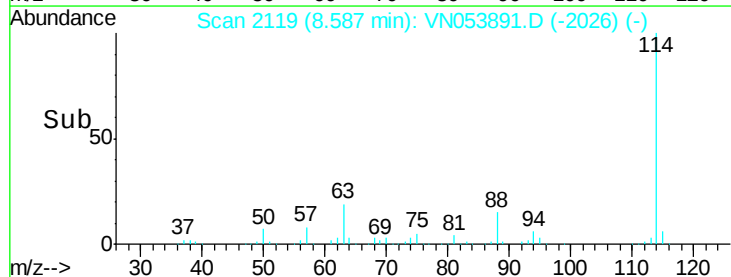
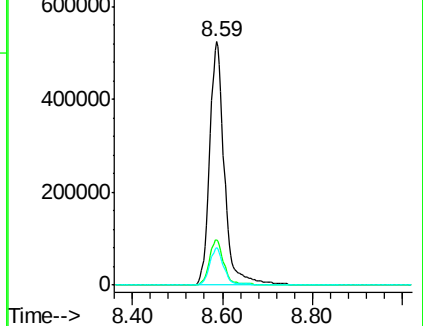
88 15.3 0.0 30.4

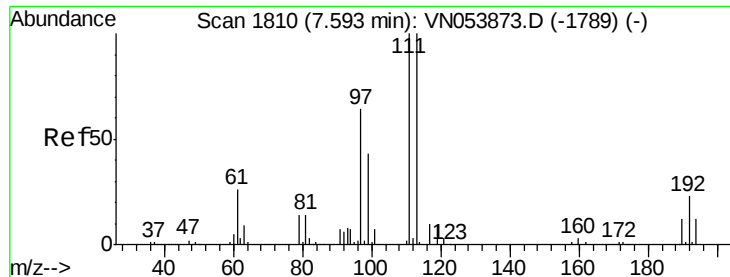


Abundance Ion 113.90 (113.60 to 114.60): VN053891.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053891.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053891.D (-2026) (-)

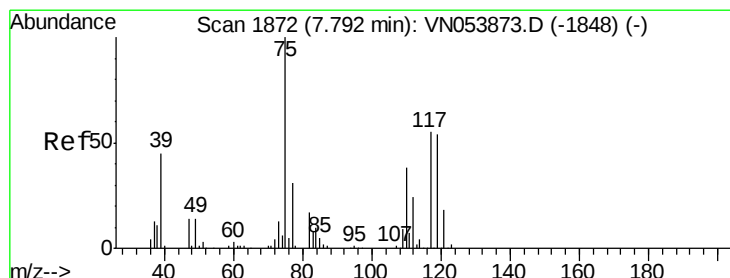
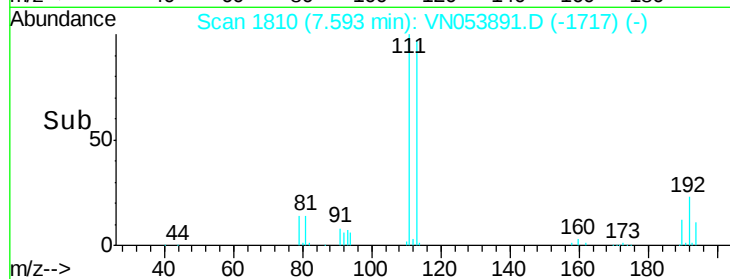
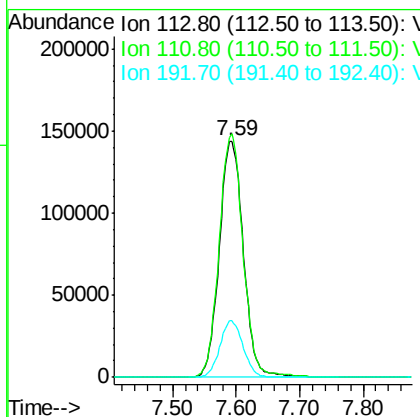
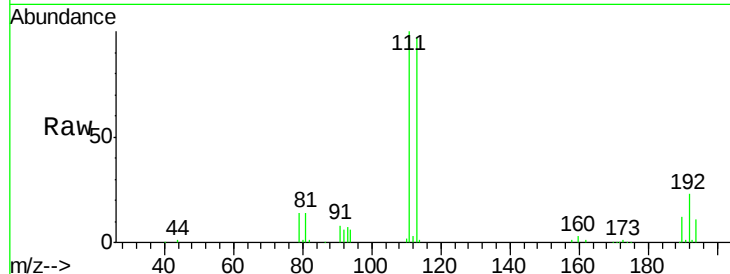




#35
 Dibromofluoromethane
 Concen: 48.339 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

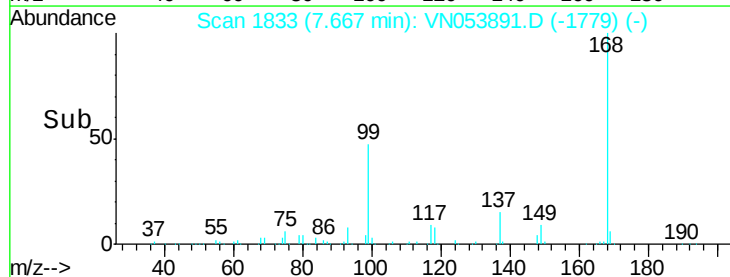
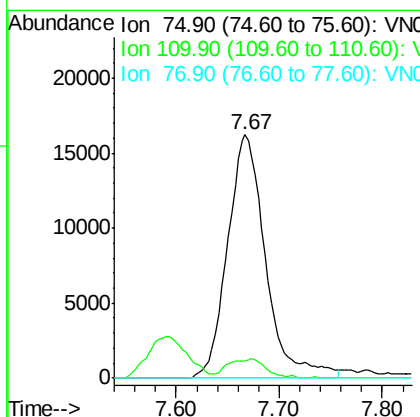
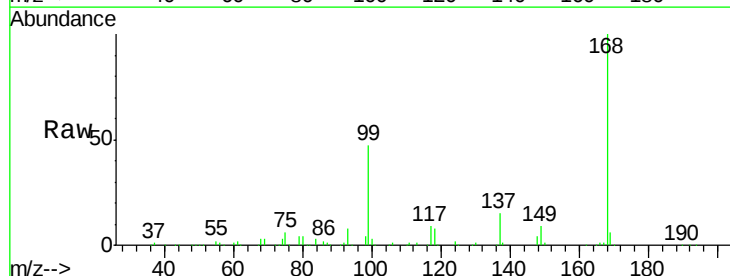
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-A

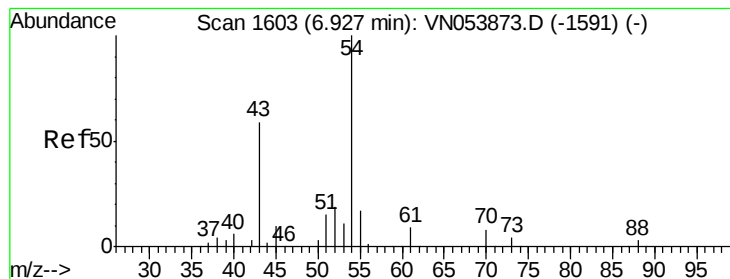
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	23.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 3.807 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	19.0	57.0#
77	0.0	25.4	38.0#





#37

Ethyl Acetate

Concen: 0.277 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

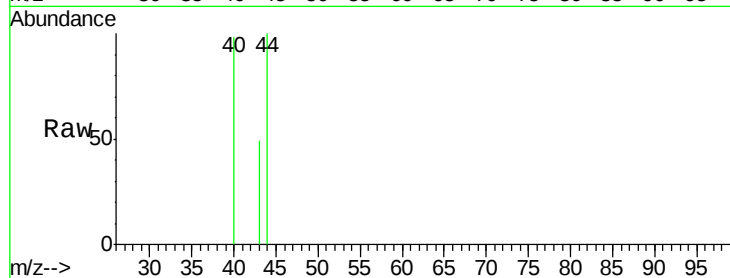
Tot Ion: 43 Resp: 382

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

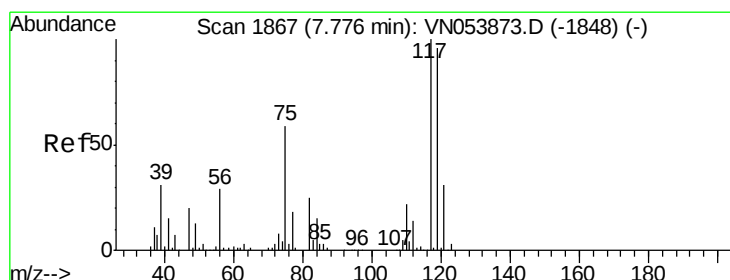
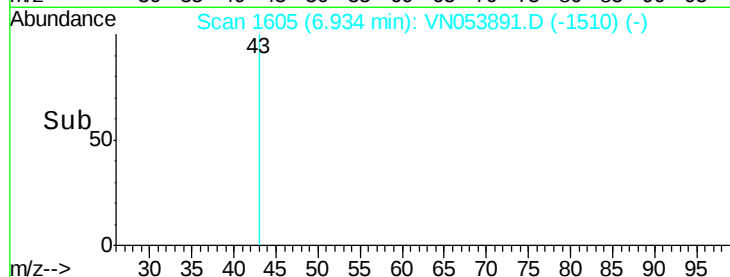
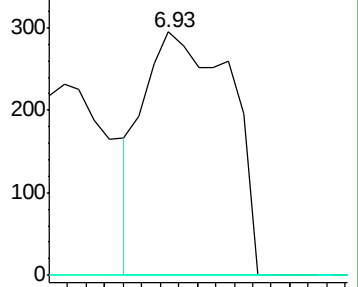
70 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VN053891.D (-1510) (-)

Ion 60.90 (60.60 to 61.60): VN053891.D (-1510) (-)

Ion 70.00 (69.70 to 70.70): VN053891.D (-1510) (-)



#38

Carbon Tetrachloride

Concen: 5.236 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

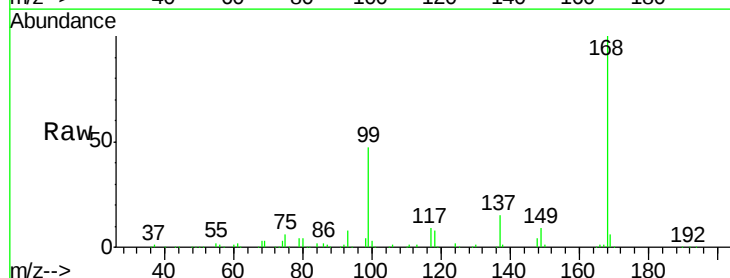
Tgt Ion: 117 Resp: 57263

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

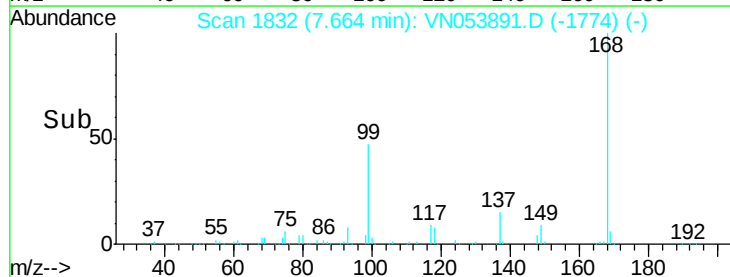
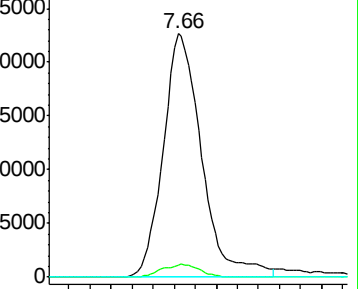
121 0.0 24.6 36.8#

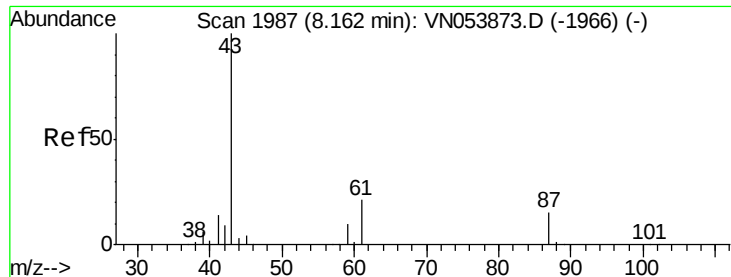


Abundance Ion 116.80 (116.50 to 117.50): VN053891.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN053891.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN053891.D (-1774) (-)





#43

Isopropyl Acetate

Concen: 2.832 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

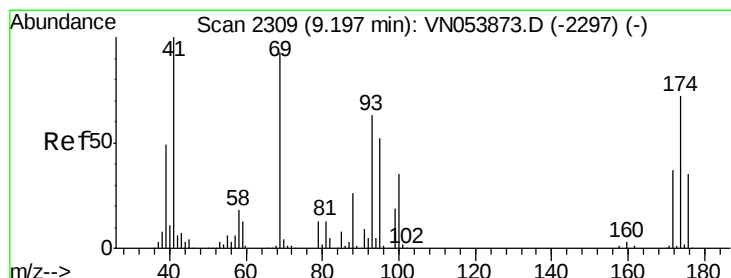
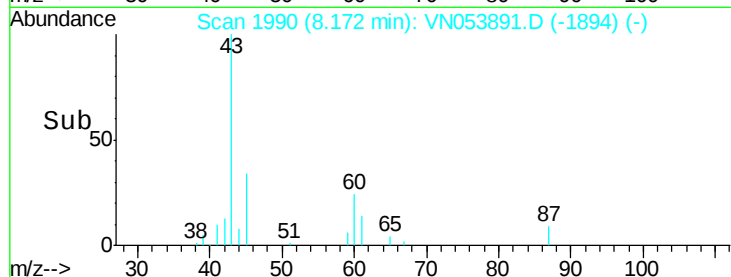
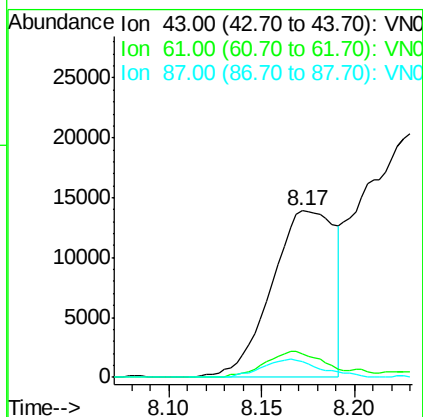
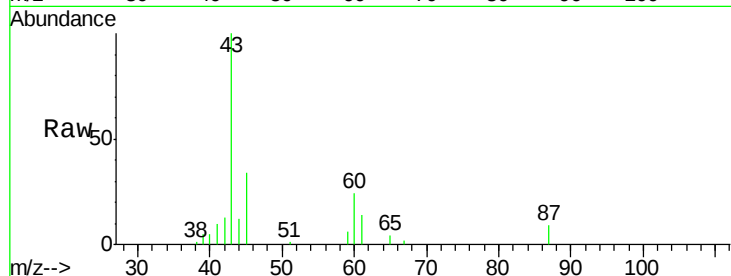
Tot Ion: 43 Resp: 33079

Ion Ratio Lower Upper

43 100

61 14.6 17.4 26.0#

87 9.9 11.5 17.3#



#48

Methyl methacrylate

Concen: 1.828 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

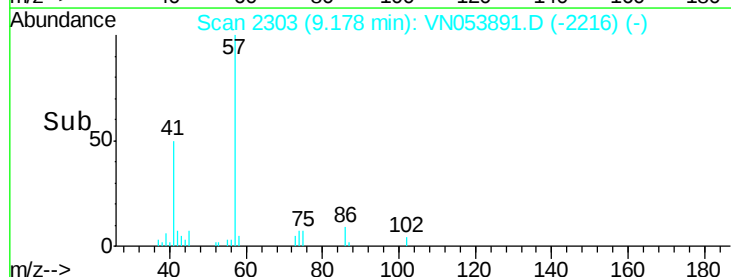
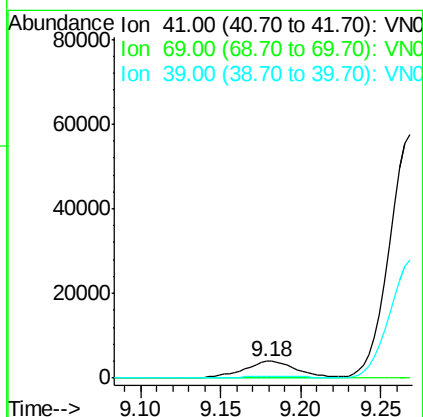
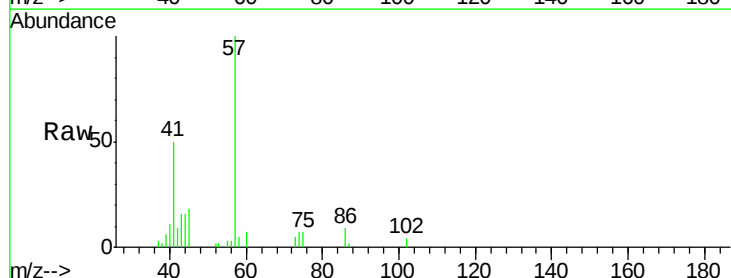
Tgt Ion: 41 Resp: 9154

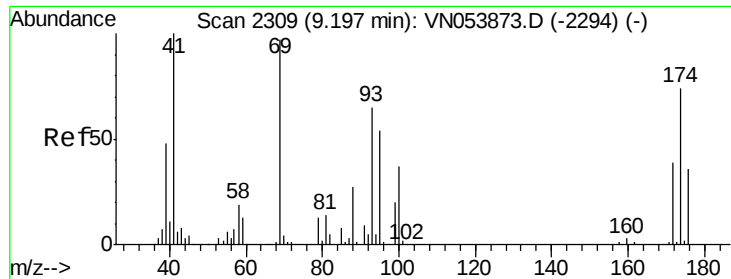
Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

39 0.0 39.0 58.6#





#49

1,4-Dioxane

Concen: 22.973 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

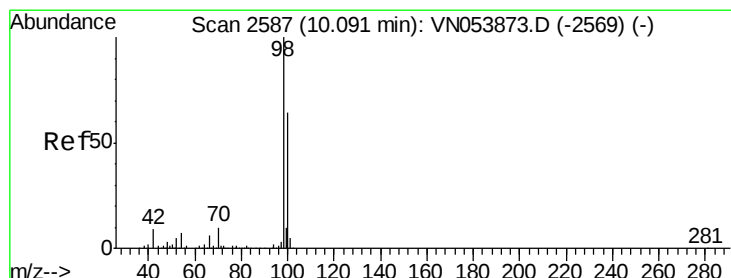
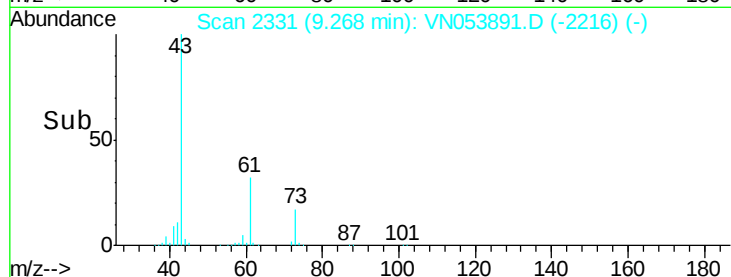
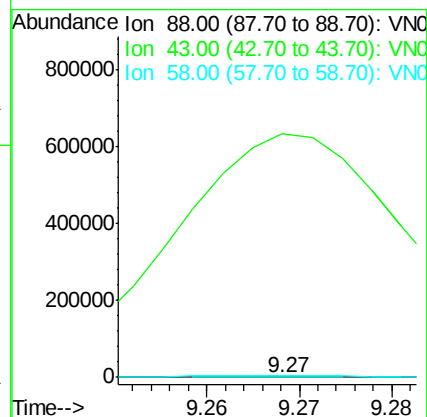
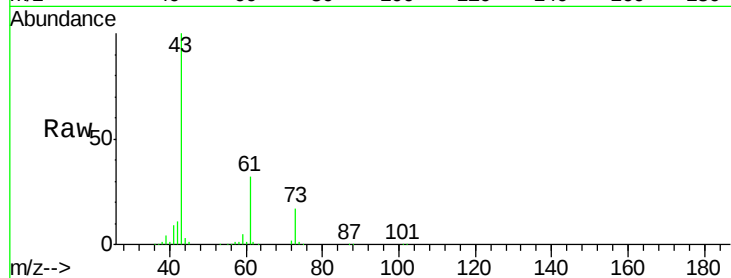
Tot Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 1981578.5 21.2 31.8#

58 11040.0 54.2 81.2#



#50

Toluene-d8

Concen: 51.386 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053891.D

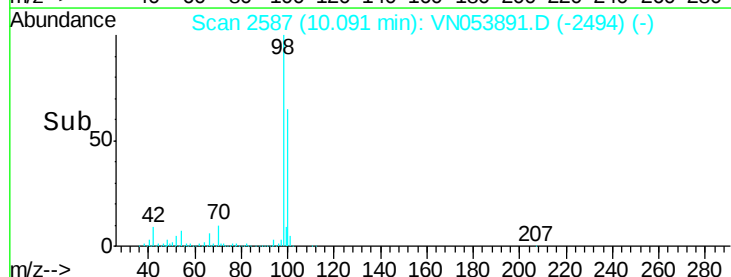
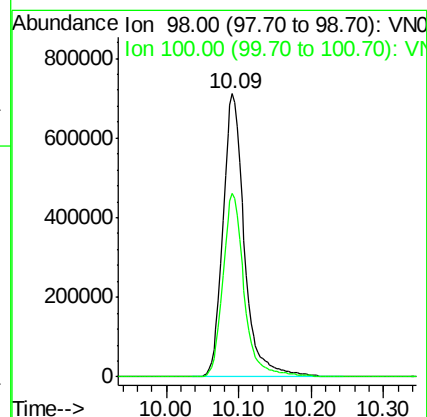
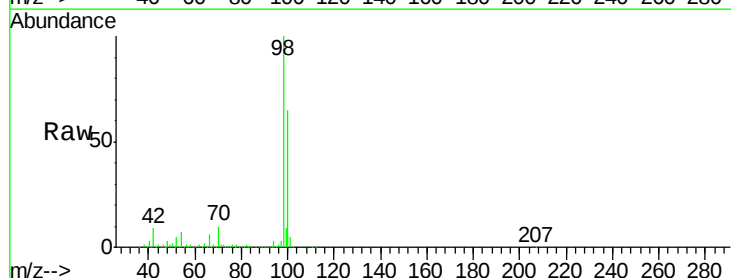
Acq: 21 Feb 2019 14:43

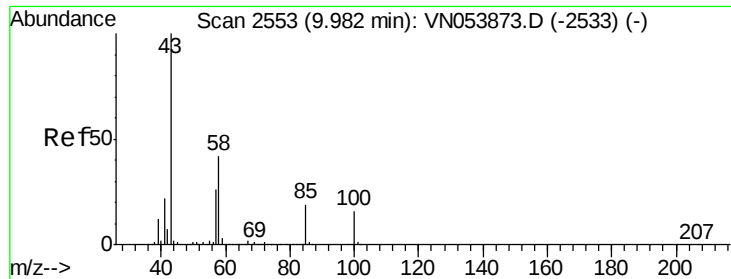
Tgt Ion: 98 Resp: 1454902

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 7.712 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

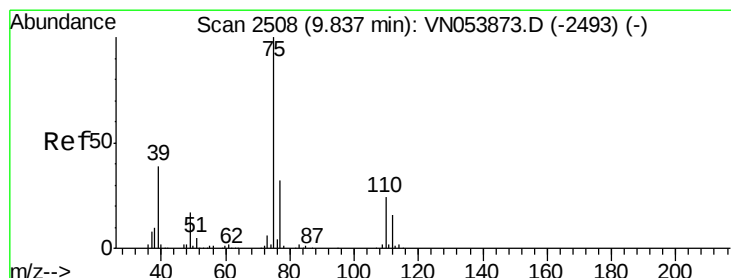
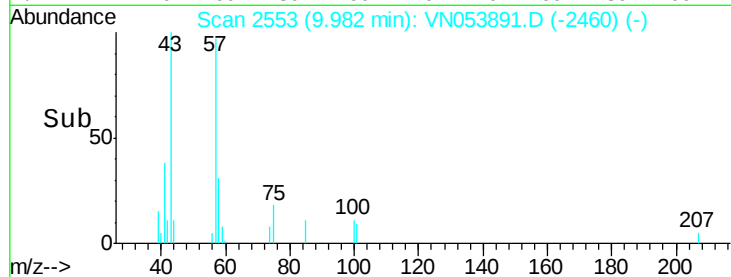
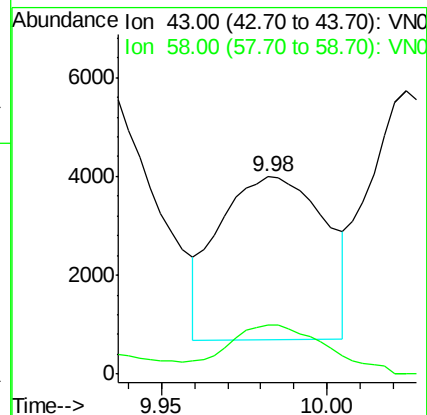
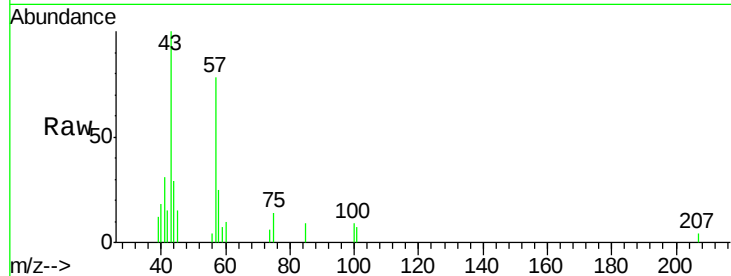
NB-07-022019-A

Tot Ion: 43 Resp: 7340

Ion Ratio Lower Upper

43 100

58 28.9 32.7 49.1#



#54

cis-1,3-Dichloropropene

Concen: 5.458 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

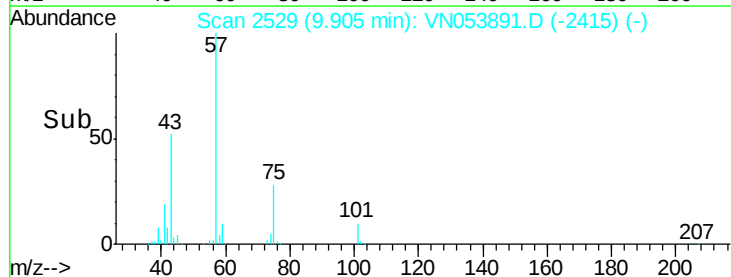
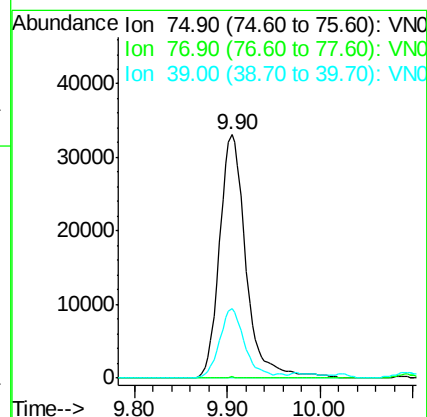
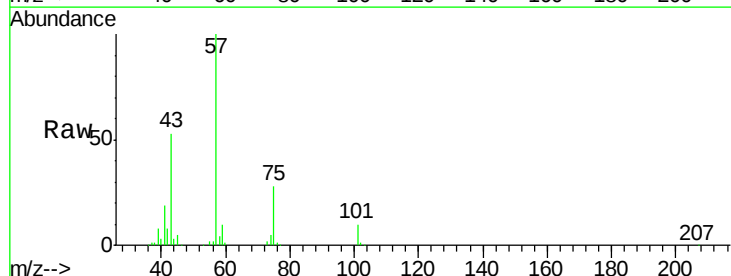
Tgt Ion: 75 Resp: 65574

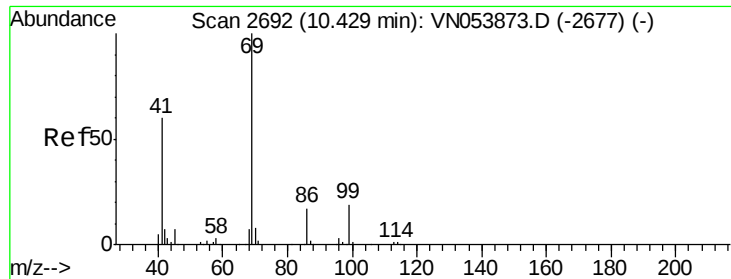
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 28.3 31.4 47.0#





#56

Ethyl methacrylate

Concen: 2.605 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

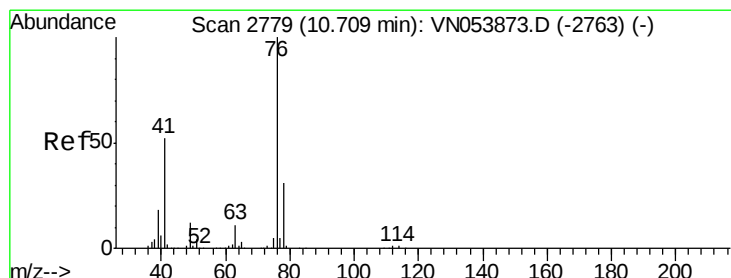
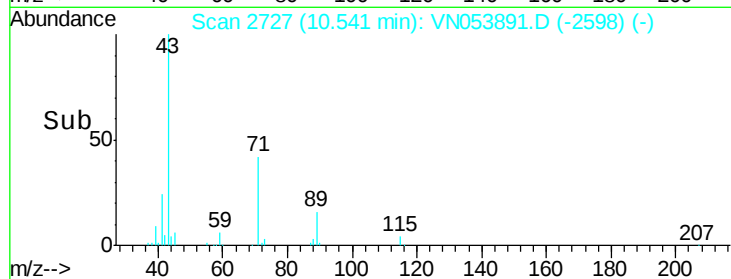
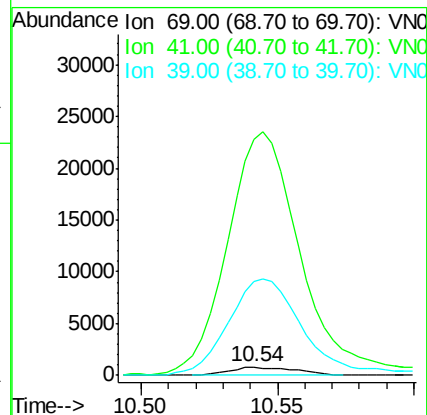
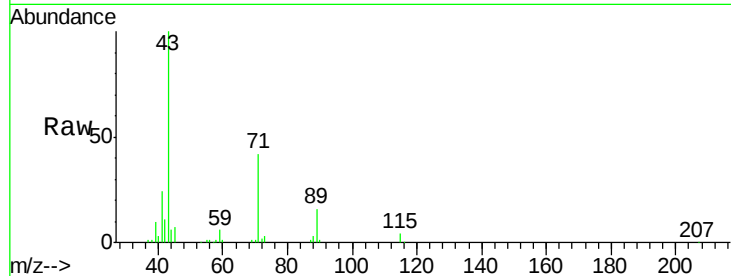
Tot Ion: 69 Resp: 1319

Ion Ratio Lower Upper

69 100

41 3354.2 47.5 71.3#

39 1351.3 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.071 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053891.D

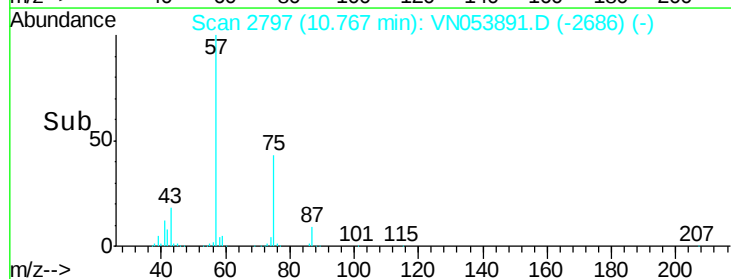
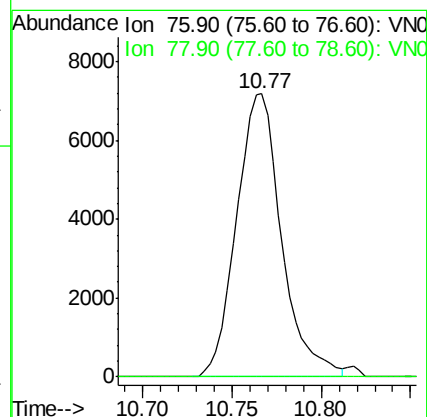
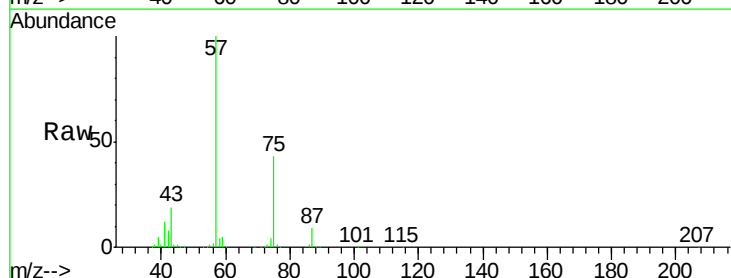
Acq: 21 Feb 2019 14:43

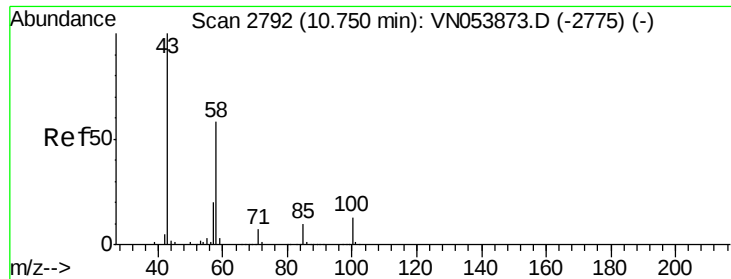
Tgt Ion: 76 Resp: 12647

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

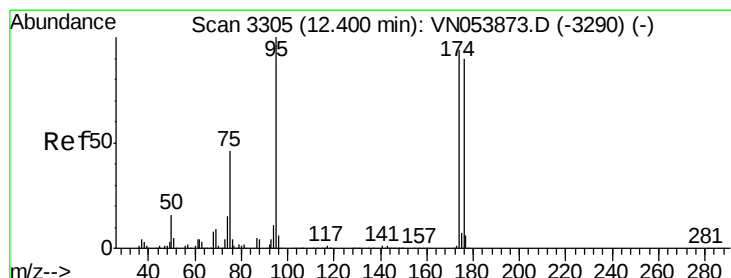
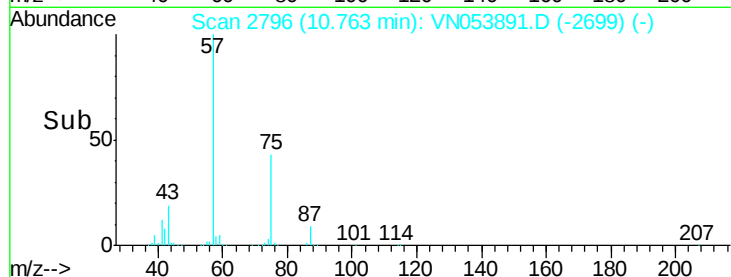
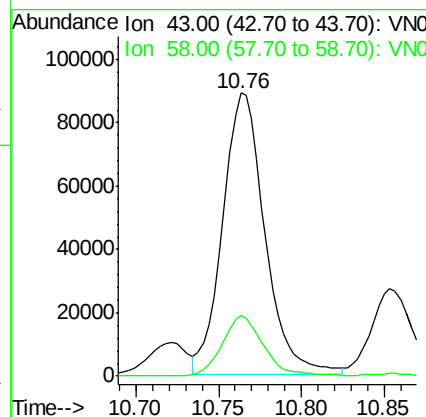
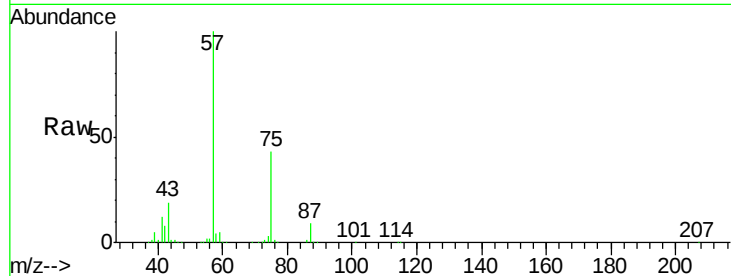




#59
2-Hexanone
Concen: 43.047 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

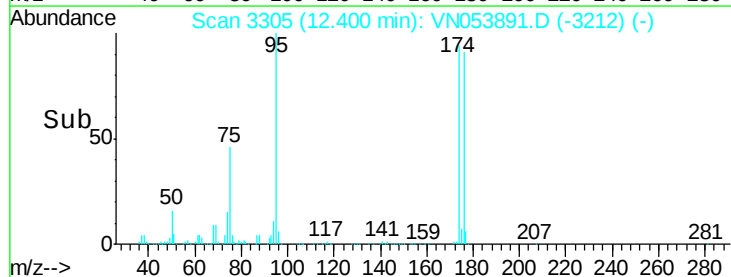
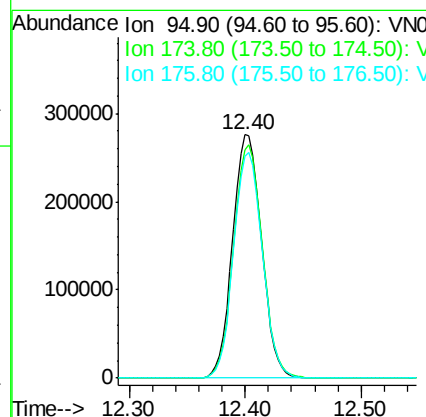
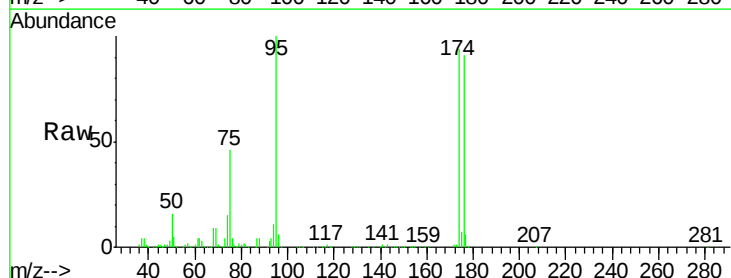
Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-A

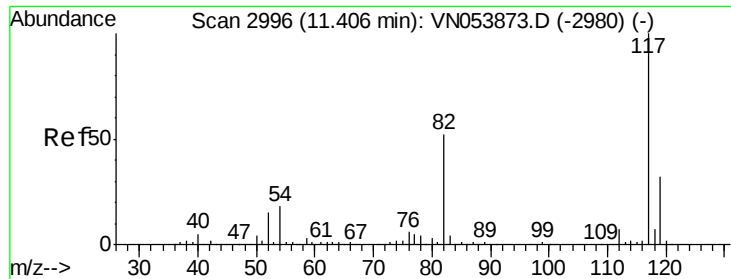
Tot Ion: 43 Resp: 157726
Ion Ratio Lower Upper
43 100
58 21.0 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

Tgt Ion: 95 Resp: 478388
Ion Ratio Lower Upper
95 100
174 95.2 0.0 188.8
176 91.9 0.0 182.6

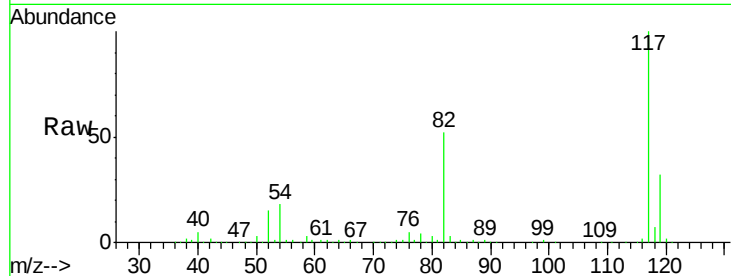




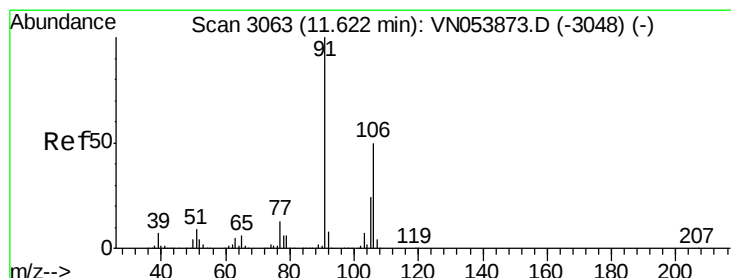
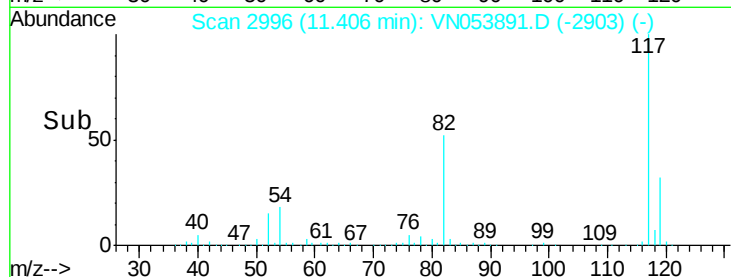
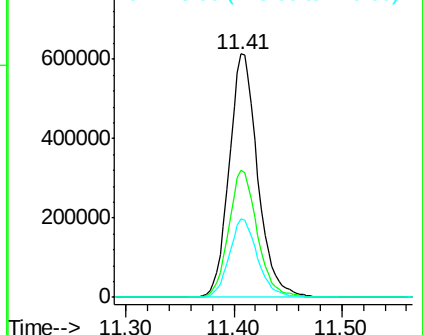
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

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

Tot Ion:117 Resp: 1133411
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 32.0 25.3 37.9

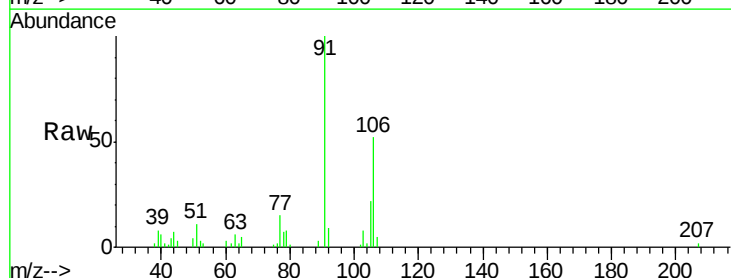


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

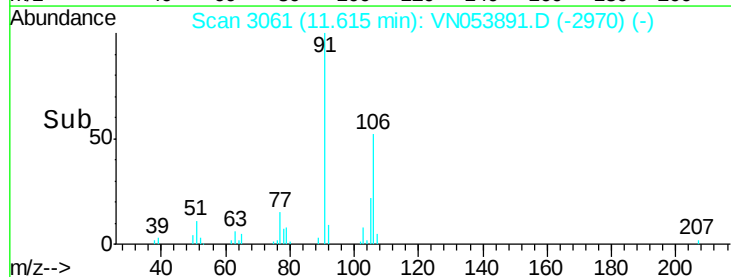
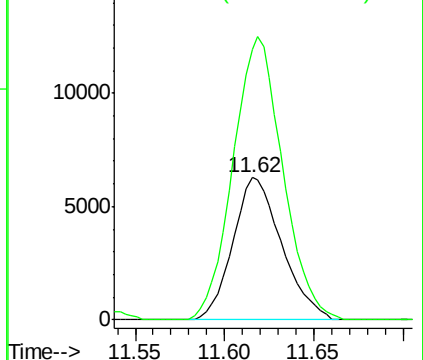


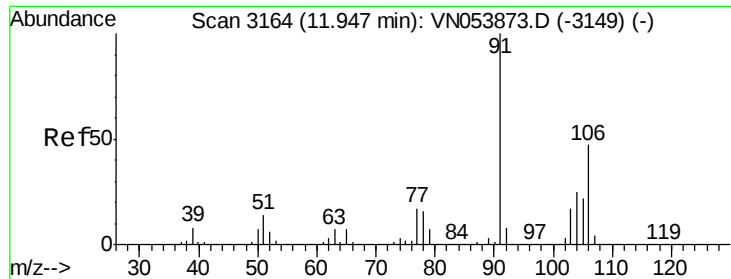
#68
m/p-Xylenes
Concen: 0.808 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

Tgt Ion:106 Resp: 12017
Ion Ratio Lower Upper
106 100
91 202.2 158.9 238.3



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

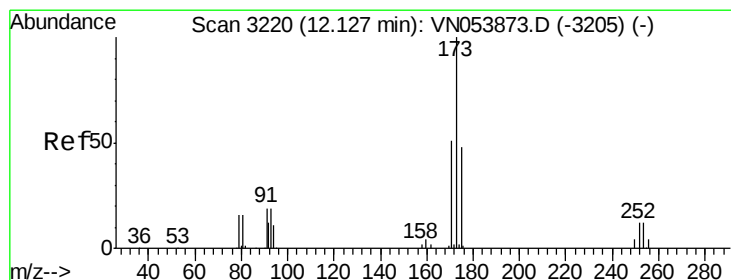
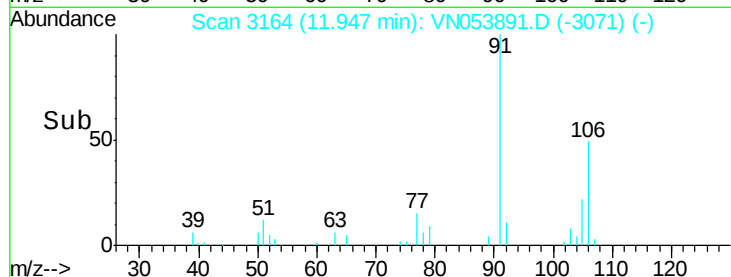
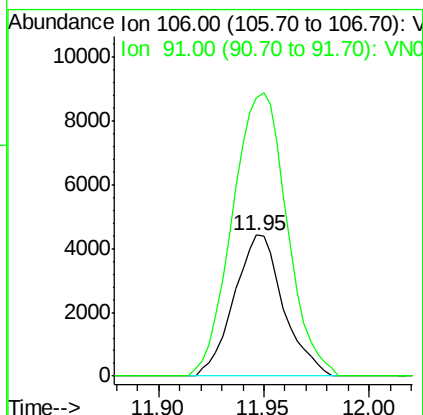
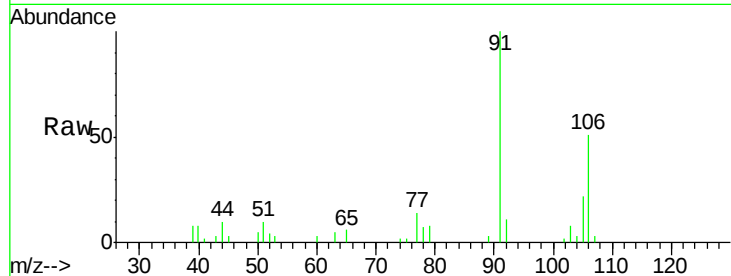




#69
o-Xylene
Concen: 0.501 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

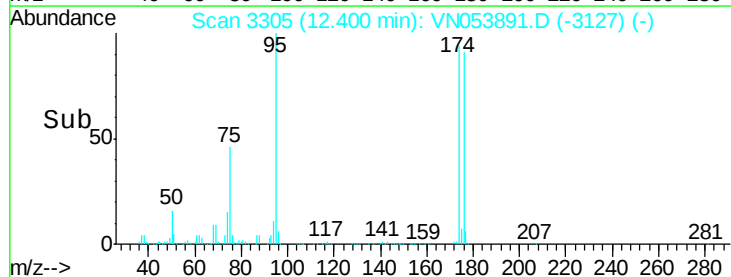
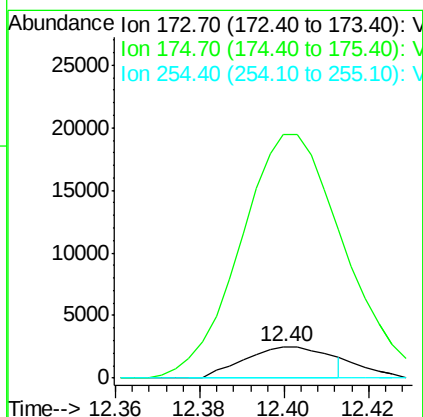
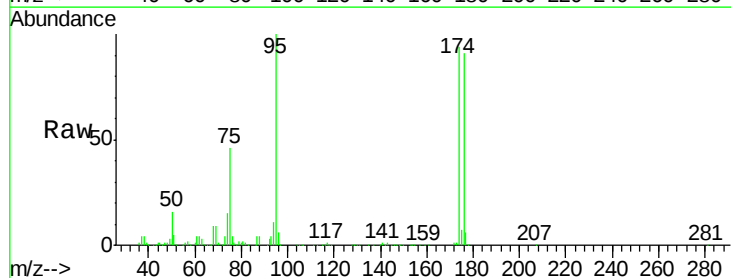
Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-A

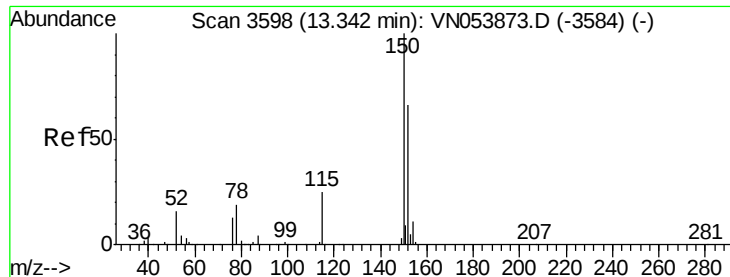
Tot Ion:106 Resp: 7175
Ion Ratio Lower Upper
106 100
91 221.8 106.0 318.0



#71
Bromoform
Concen: 0.563 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

Tgt Ion:173 Resp: 3461
Ion Ratio Lower Upper
173 100
175 817.2 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

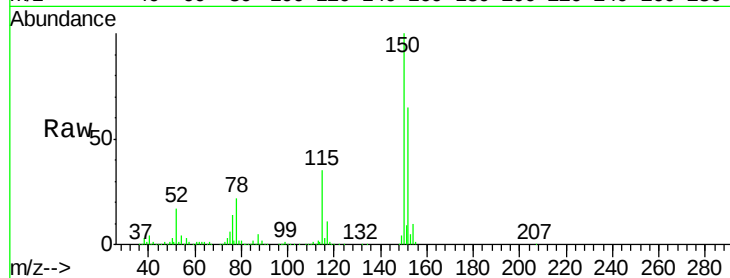
Tot Ion:152 Resp: 443211

Ion Ratio Lower Upper

152 100

115 55.2 27.2 81.6

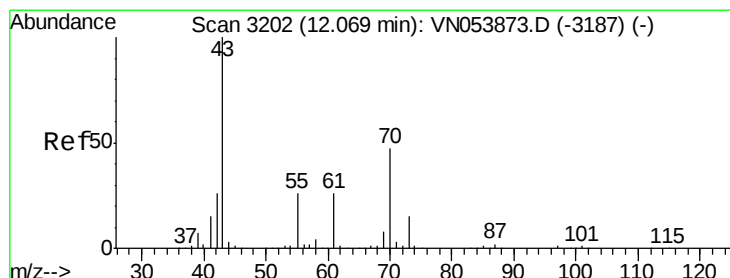
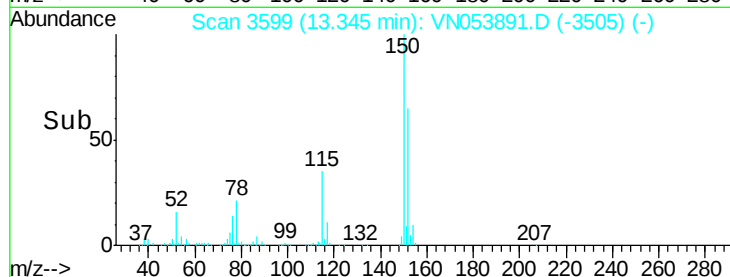
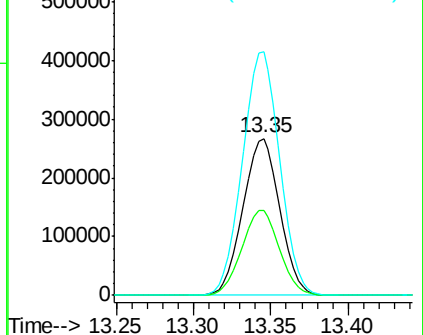
150 157.2 0.0 348.2



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: 2.127 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Tgt Ion: 43 Resp: 15252

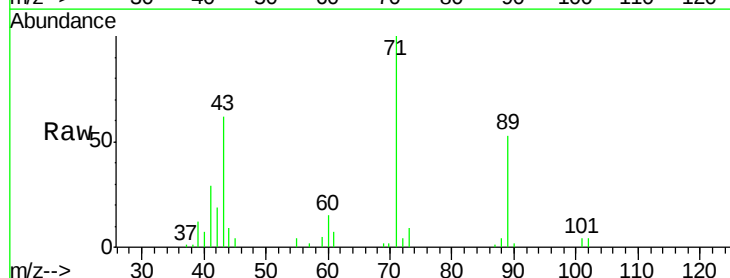
Ion Ratio Lower Upper

43 100

70 2.4 37.4 56.2#

55 5.6 21.4 32.0#

61 10.8 20.9 31.3#

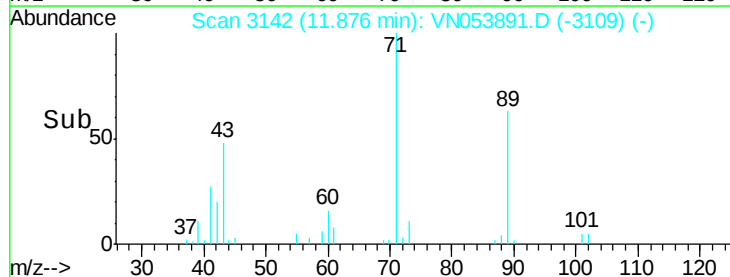
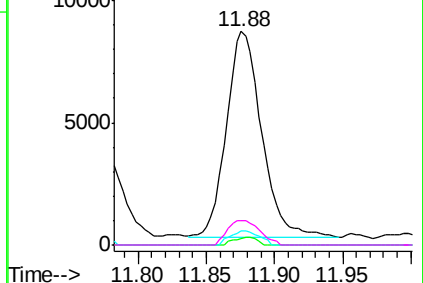


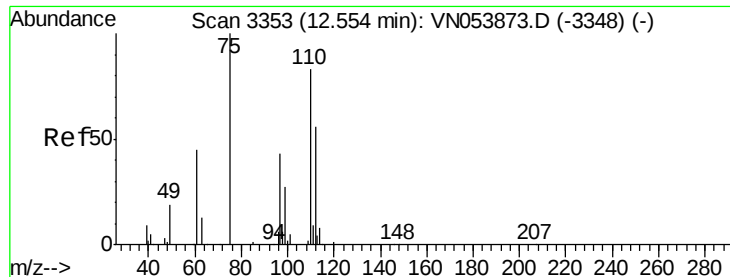
Abundance Ion 43.00 (42.70 to 43.70): V

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: 33.804 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

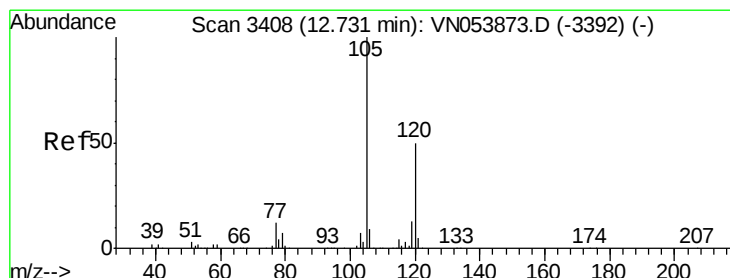
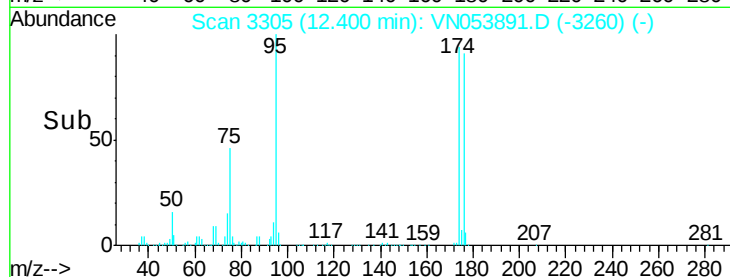
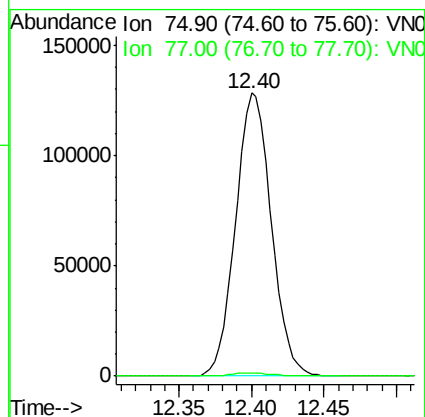
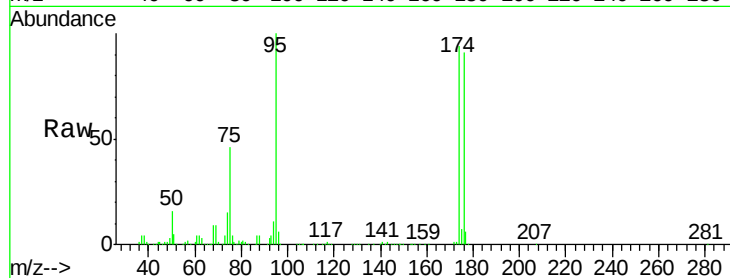
NB-07-022019-A

Tot Ion: 75 Resp: 219939

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.642 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053891.D

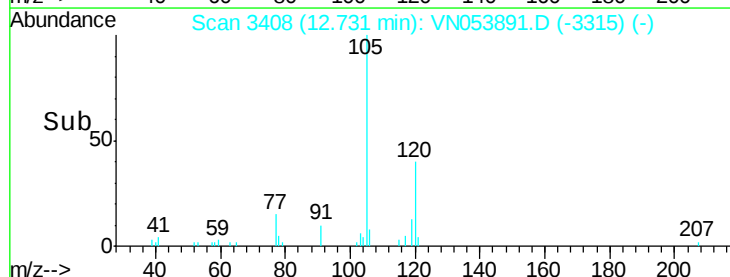
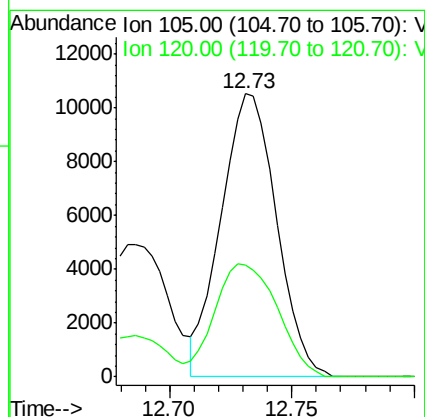
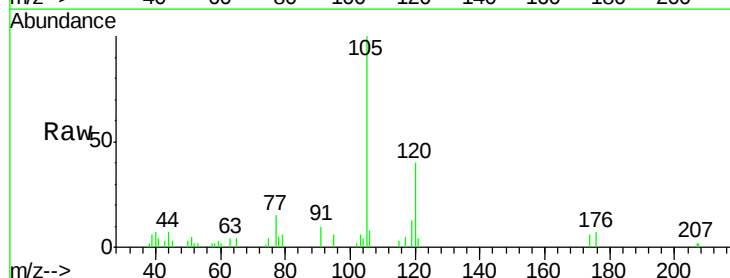
Acq: 21 Feb 2019 14:43

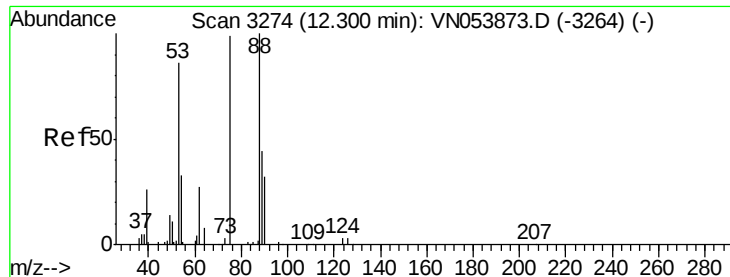
Tgt Ion: 105 Resp: 16644

Ion Ratio Lower Upper

105 100

120 45.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 111.596 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

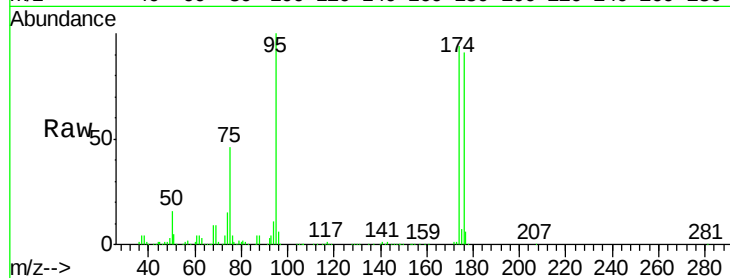
Tot Ion: 75 Resp: 219939

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN053891.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN053891.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN053891.D (-3305) (-)

12.40

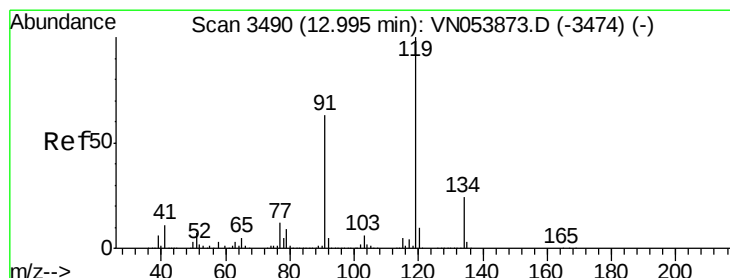
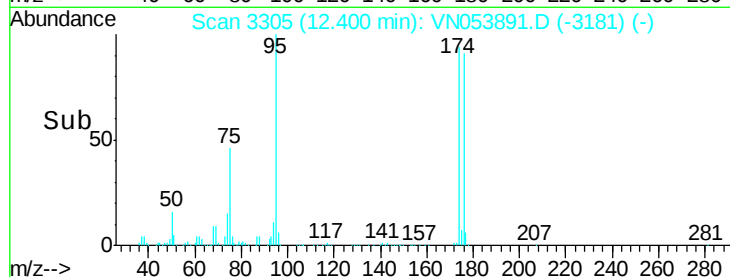
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 0.315 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

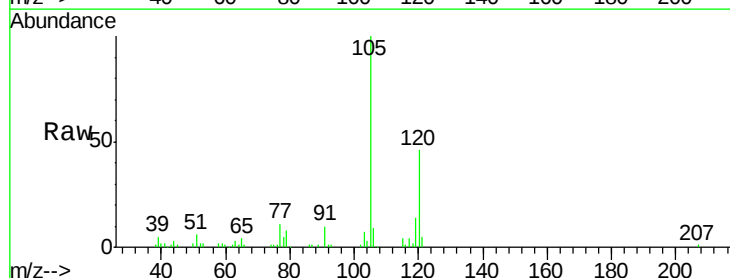
Tgt Ion: 119 Resp: 7322

Ion Ratio Lower Upper

119 100

91 74.6 30.6 91.8

134 0.0 13.0 39.0#



Abundance Ion 119.00 (118.70 to 119.70): VN053891.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN053891.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN053891.D (-3490) (-)

13.04

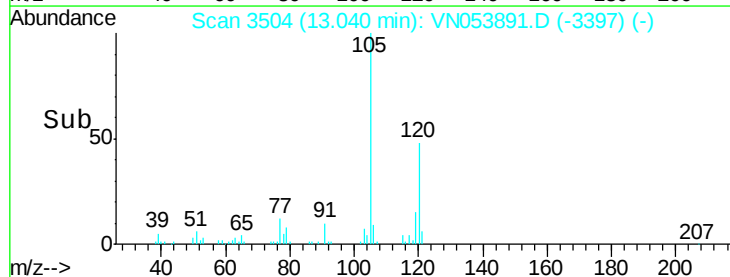
6000

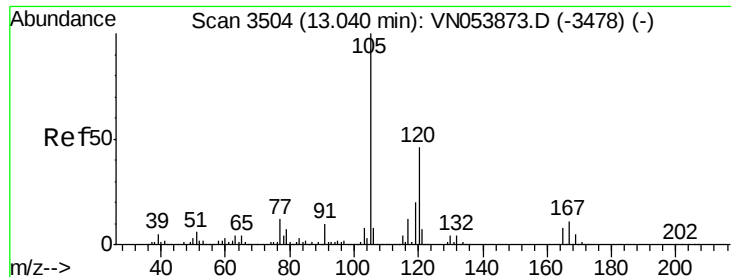
4000

2000

0

Time-->

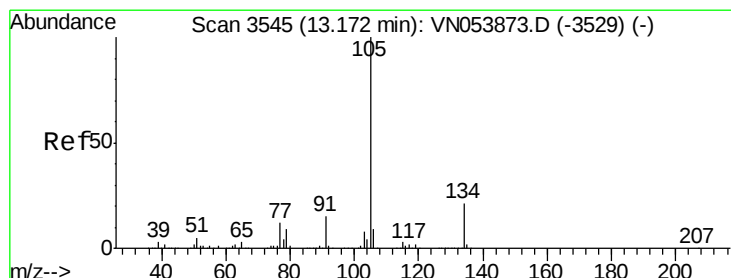
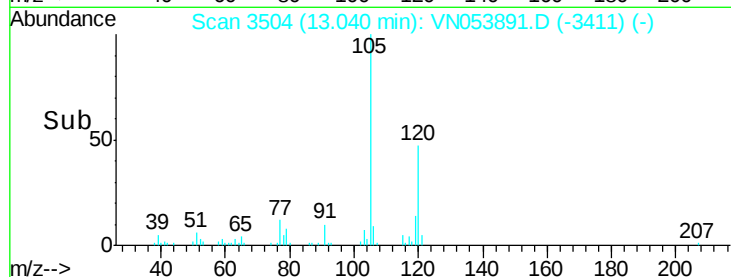
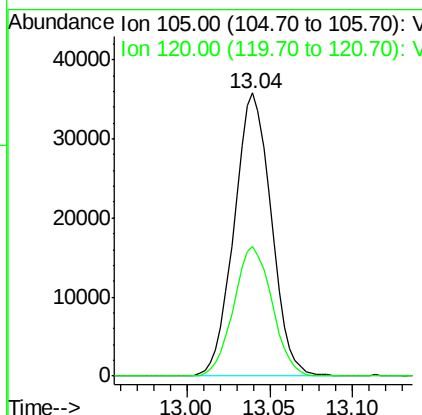
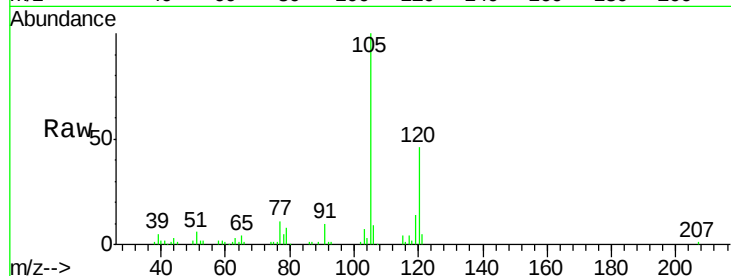




#84
 1,2,4-Trimethylbenzene
 Concen: 2.145 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

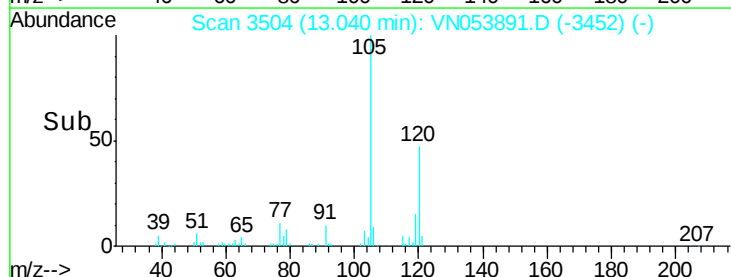
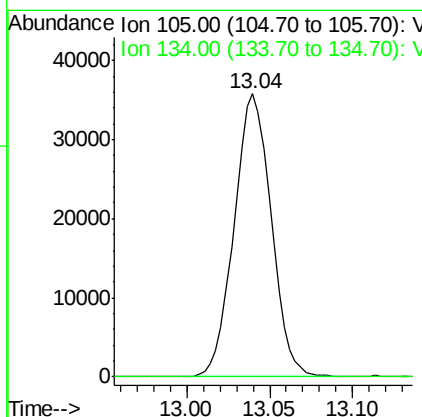
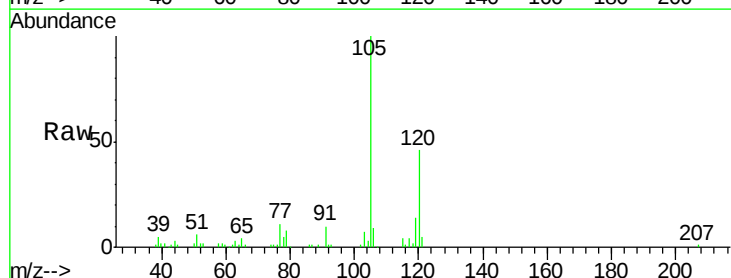
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-A

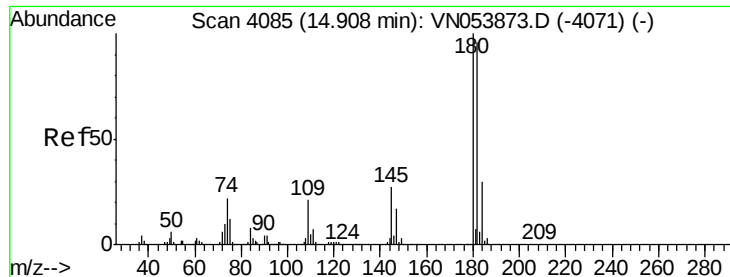
Tot Ion:105 Resp: 55745
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 1.779 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

Tgt Ion:105 Resp: 55745
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

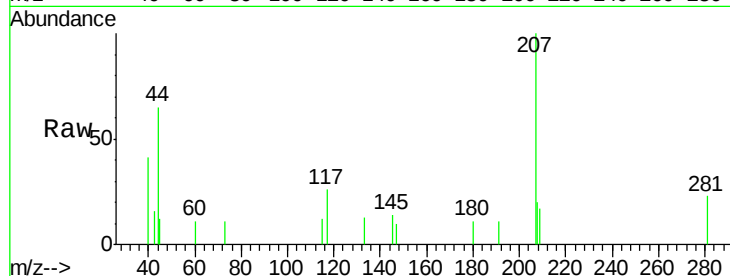




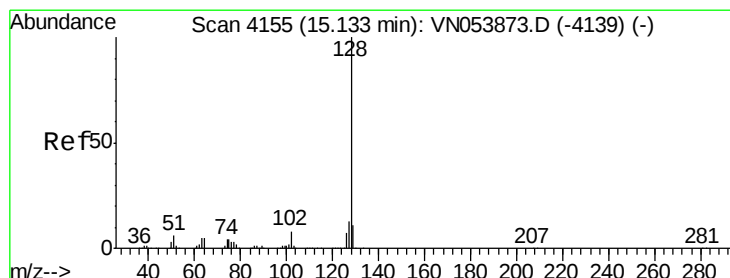
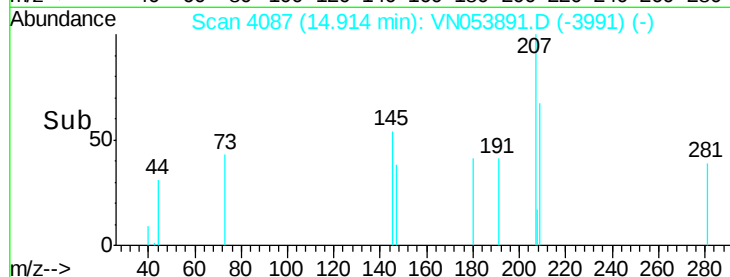
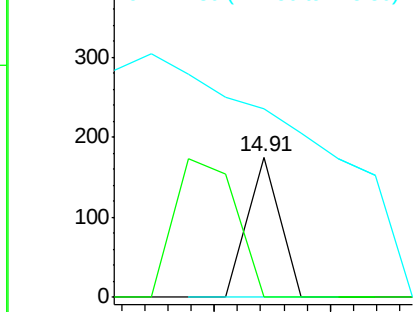
#93
 1,2,4-Trichlorobenzene
 Concen: 2.930 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

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

Tot Ion:180 Resp: 34
 Ion Ratio Lower Upper
 180 100
 182 185.3 48.6 145.9#
 145 0.0 13.8 41.3#

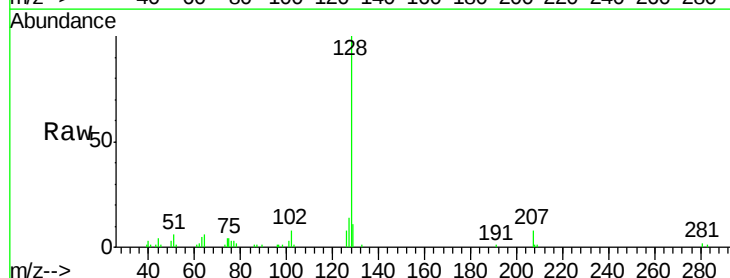


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 6.678 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

Tgt Ion:128 Resp: 40014
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.2
 129 10.6 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

