

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050227.D
 Acq On : 31 Jul 2018 20:15
 Operator : MD\SY
 Sample : J3823-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-A

Quant Time: Aug 01 03:58:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1056036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447343	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.59	113	405424	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	10.09	98	1429928	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	401348	38.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.90%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	344	Below Cal		99
8) Diethyl Ether	3.41	74	1061	0.23 ug/l		82
11) Tert butyl alcohol	4.75	59	257	0.39 ug/l #		72
16) Acetone	3.82	43	37263	13.73 ug/l		96
18) Methyl Acetate	4.33	43	25690	1.58 ug/l		99
20) Methylene Chloride	4.55	84	48656	5.06 ug/l		98
25) 2-Butanone	6.84	43	1524	0.45 ug/l		92
29) Tetrahydrofuran	7.21	42	510	0.23 ug/l #		65
30) Chloroform	7.37	83	12571	0.84 ug/l		94
31) Cyclohexane	7.67	56	11668	0.89 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	45132	3.79 ug/l #		48
38) Carbon Tetrachloride	7.67	117	57226	4.53 ug/l #		16
41) Methacrylonitrile	7.22	41	255	2.80 ug/l #		19
43) Isopropyl Acetate	8.17	43	385419	24.06 ug/l #		86
47) Bromodichloromethane	9.41	83	2773	0.22 ug/l #		82
48) Methyl methacrylate	9.18	41	8532	1.19 ug/l #		22
51) 4-Methyl-2-Pentanone	9.99	43	3061	0.38 ug/l		92
52) Toluene	10.16	92	4568	0.21 ug/l		100
56) Ethyl methacrylate	10.23	69	3152	2.29 ug/l #		60
59) 2-Hexanone	10.77	43	17238	7.99 ug/l #		59
67) Ethyl Benzene	11.51	91	19497	0.54 ug/l		96
68) m/p-Xylenes	11.62	106	19885	1.45 ug/l		94
69) o-Xylene	11.95	106	6150	0.47 ug/l		99
70) Styrene	11.97	104	2763	1.04 ug/l #		76
71) Bromoform	12.40	173	3698	0.59 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.40	83	265	Below Cal #		1
76) 1,2,3-Trichloropropane	12.40	75	195295	30.05 ug/l #		100
80) 1,3,5-Trimethylbenzene	12.73	105	9916	0.46 ug/l		96
81) trans-1,4-Dichloro-2-buten	12.40	75	195295	95.32 ug/l #		13
84) 1,2,4-Trimethylbenzene	13.04	105	25391	1.18 ug/l		98
90) Hexachloroethane	13.89	117	1245	0.27 ug/l #		4
92) 1,2-Dibromo-3-Chloropropan	14.47	75	162	Below Cal #		7
93) 1,2,4-Trichlorobenzene	14.91	180	182	3.11 ug/l #		19
95) Naphthalene	15.14	128	67936	8.29 ug/l		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
Data File : VN050227.D
Acq On : 31 Jul 2018 20:15
Operator : MD\SY
Sample : J3823-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

Quant Time: Aug 01 03:58:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

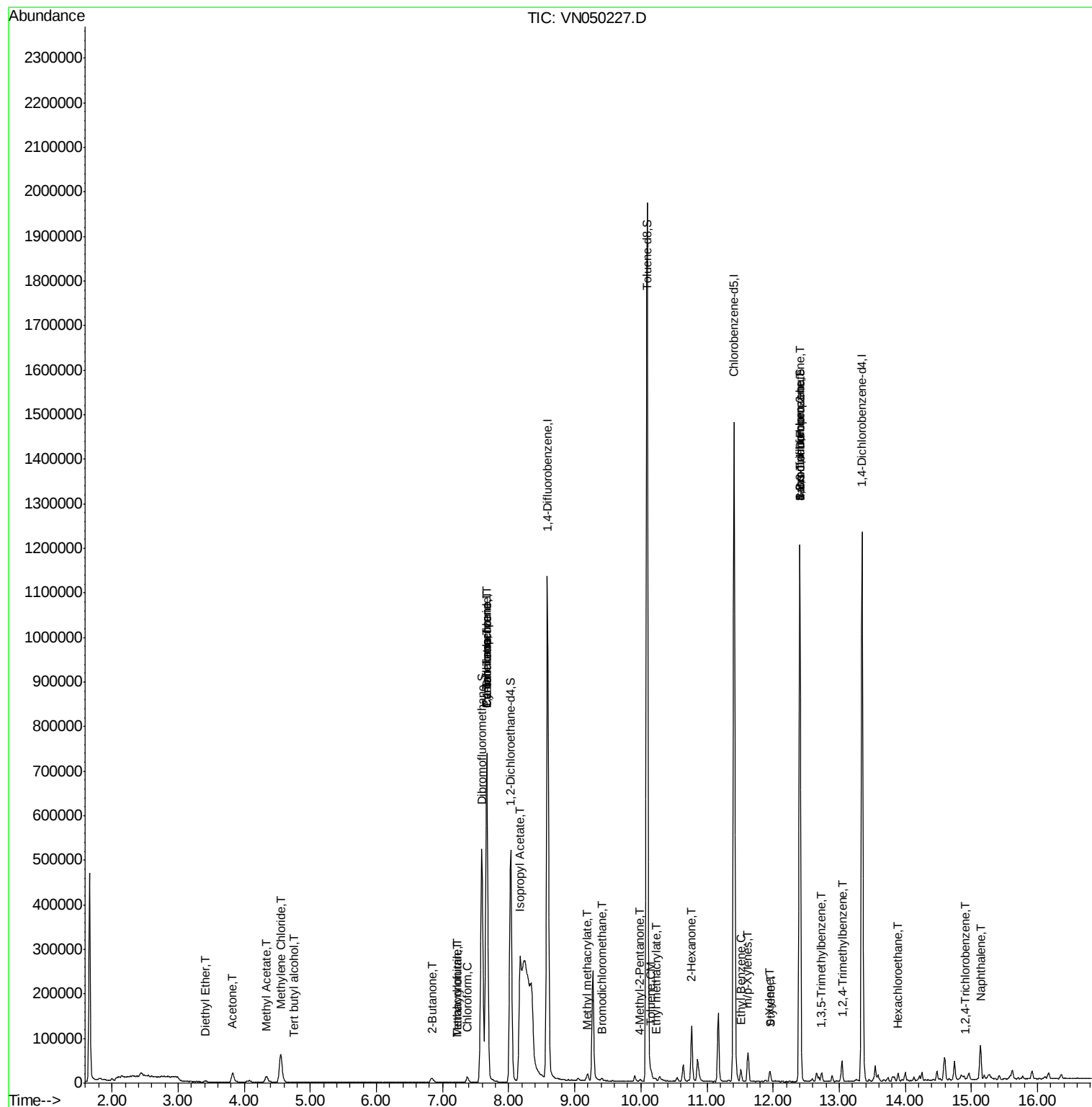
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

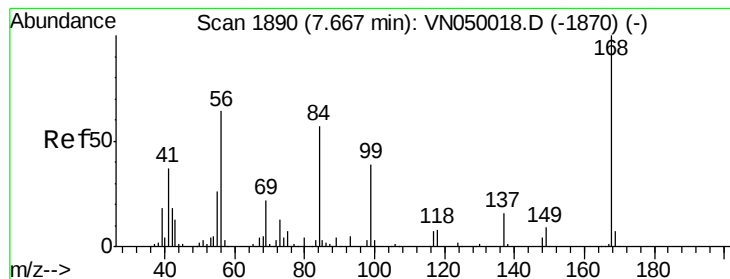
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073118\
Data File : VN050227.D
Acq On : 31 Jul 2018 20:15
Operator : MD\SY
Sample : J3823-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

Quant Time: Aug 01 03:58:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

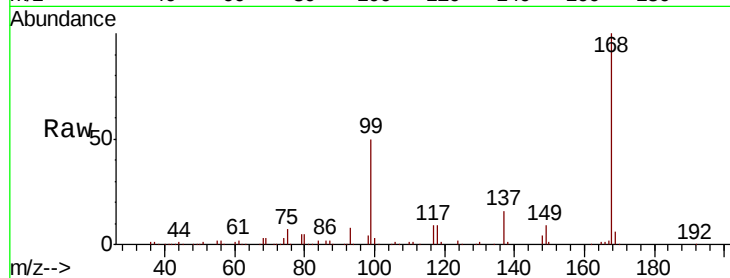
NB-08-073018-A

Tot Ion:168 Resp: 635840

Ion Ratio Lower Upper

168 100

99 50.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

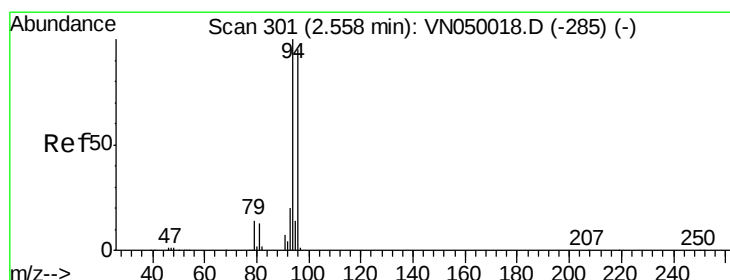
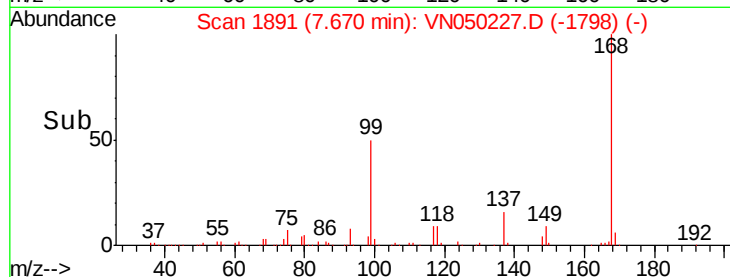
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050227.D

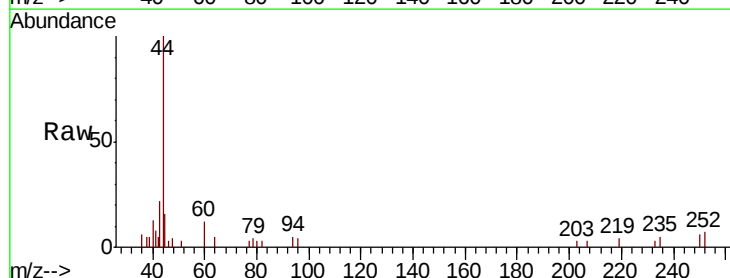
Acq: 31 Jul 2018 20:15

Tgt Ion: 94 Resp: 344

Ion Ratio Lower Upper

94 100

96 91.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.57

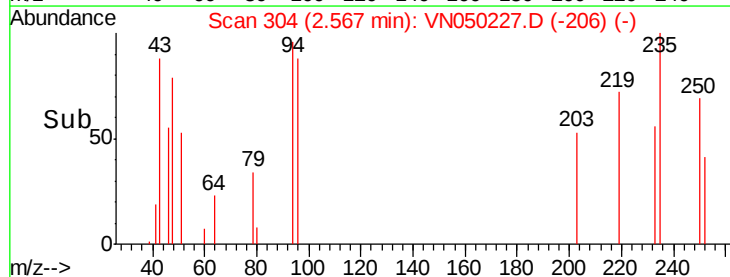
300

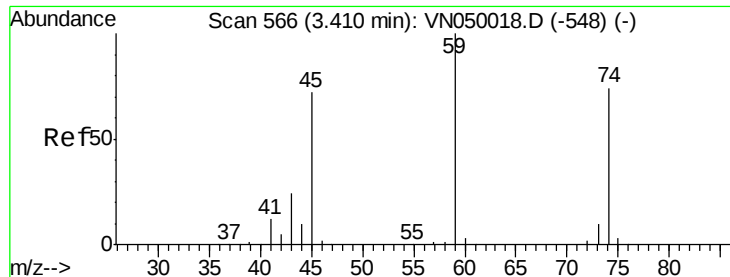
200

100

0

Time-->





#8

Diethyl Ether

Concen: 0.23 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

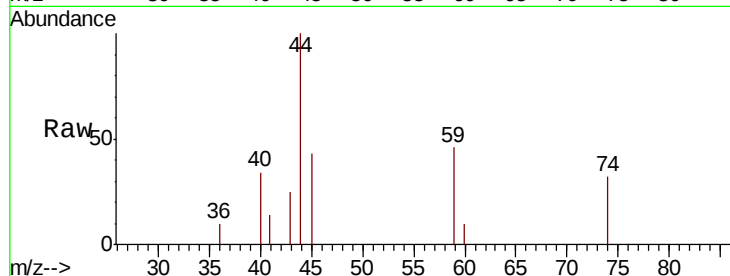
NB-08-073018-A

Tot Ion: 74 Resp: 1061

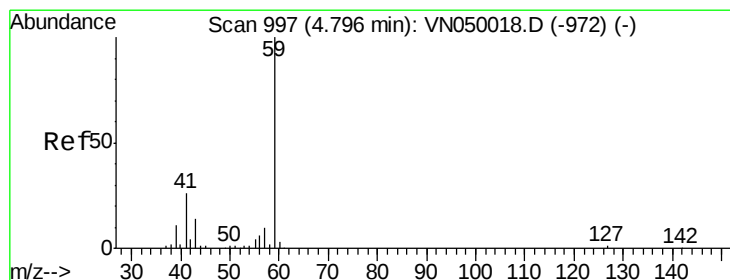
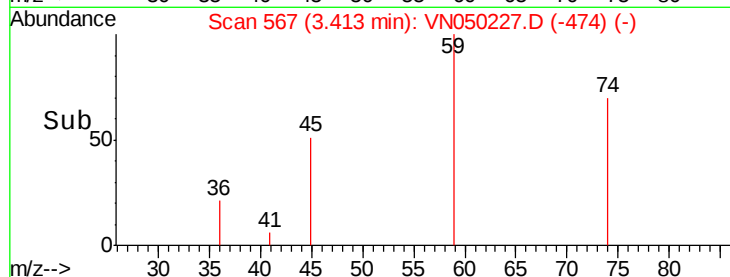
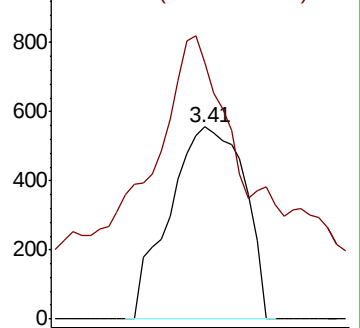
Ion Ratio Lower Upper

74 100

45 112.5 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN0



#11

Tert butyl alcohol

Concen: 0.39 ug/l

RT: 4.75 min Scan# 983

Delta R.T. -0.05 min

Lab File: VN050227.D

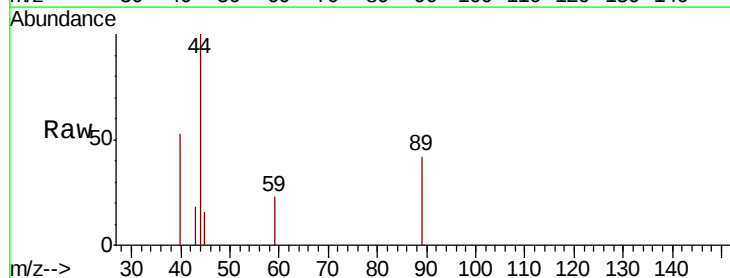
Acq: 31 Jul 2018 20:15

Tgt Ion: 59 Resp: 257

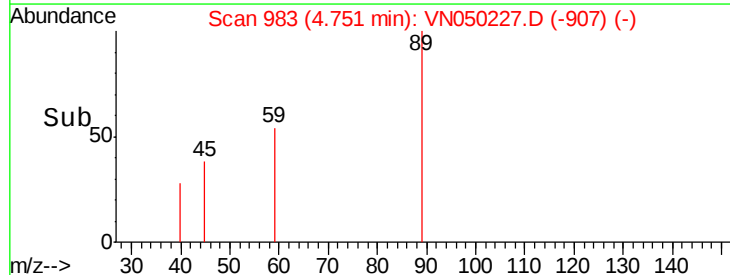
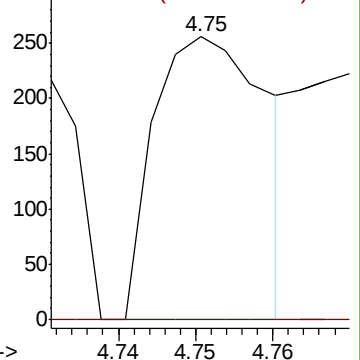
Ion Ratio Lower Upper

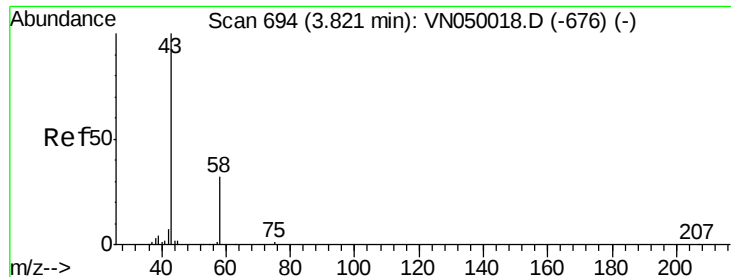
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0





#16

Acetone

Concen: 13.73 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

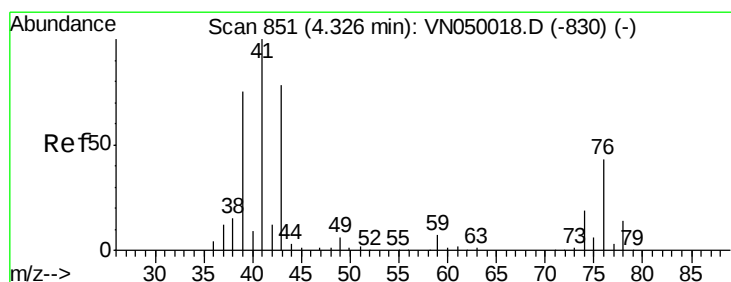
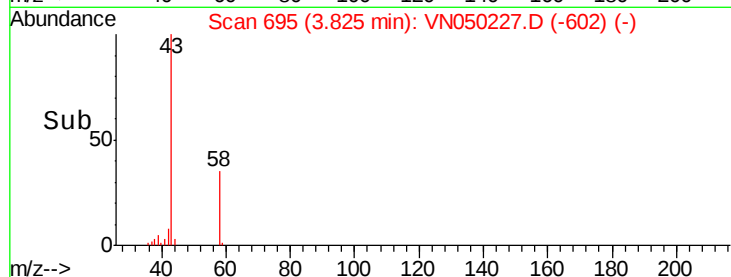
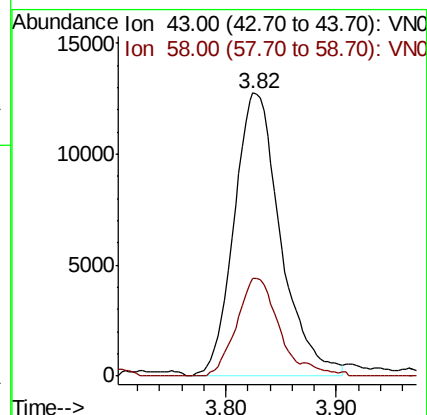
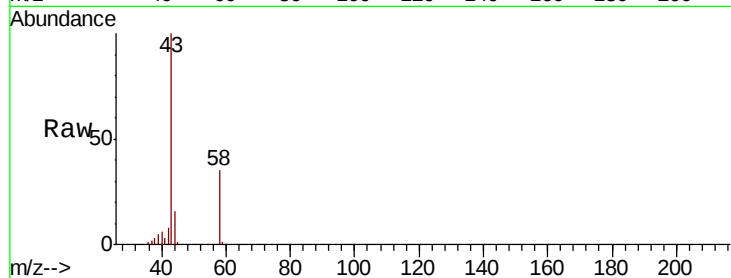
NB-08-073018-A

Tot Ion: 43 Resp: 37263

Ion Ratio Lower Upper

43 100

58 34.6 25.8 38.8



#18

Methyl Acetate

Concen: 1.58 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050227.D

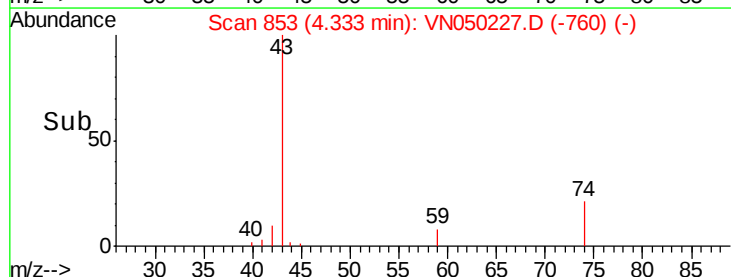
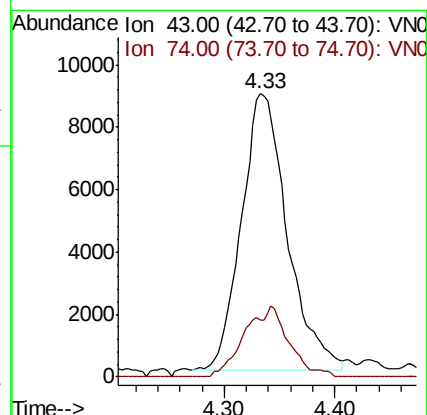
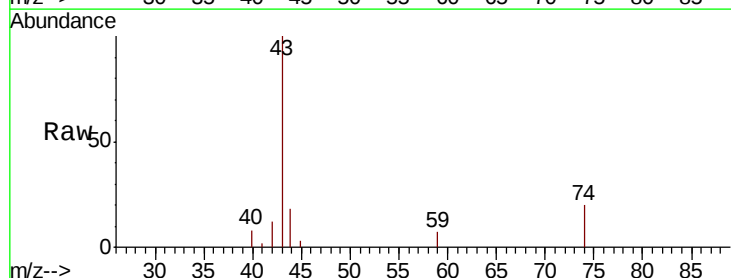
Acq: 31 Jul 2018 20:15

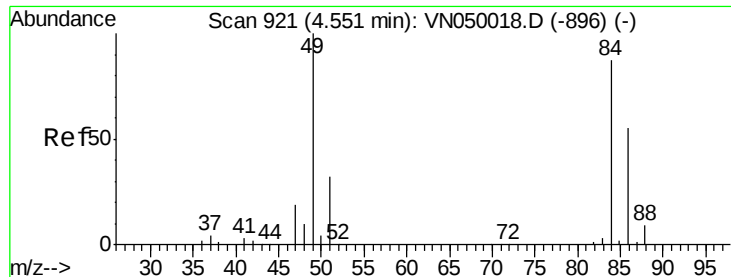
Tgt Ion: 43 Resp: 25690

Ion Ratio Lower Upper

43 100

74 24.7 19.2 28.8

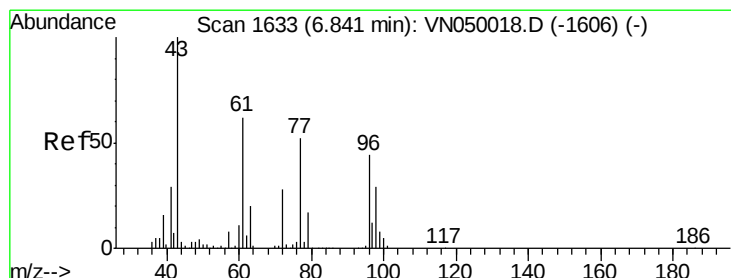
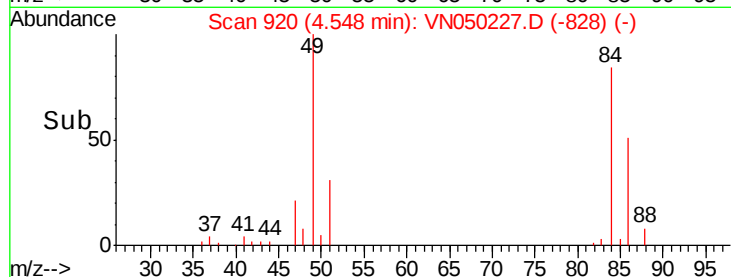
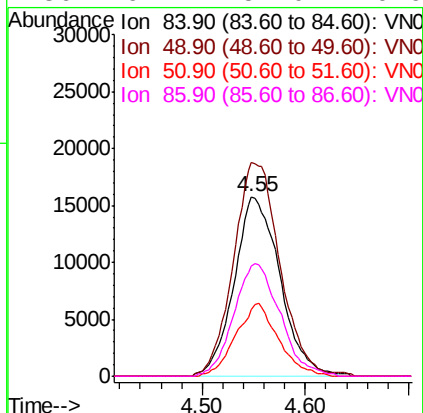
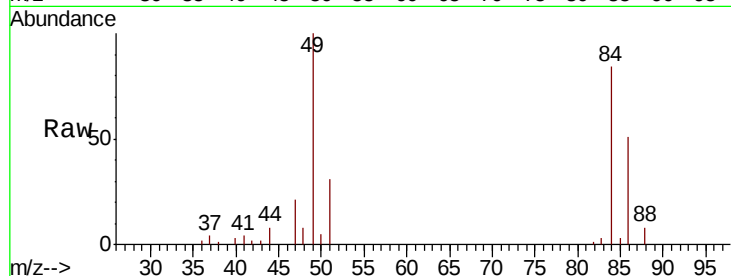




#20
Methvlene Chloride
Concen: 5.06 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

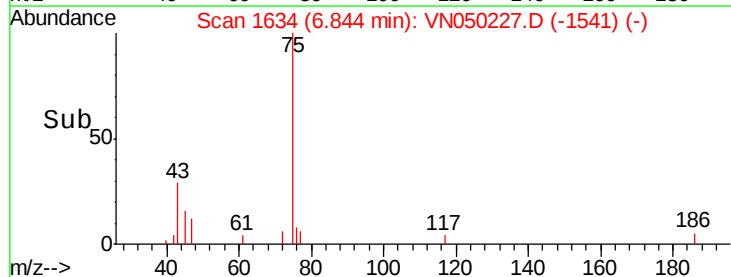
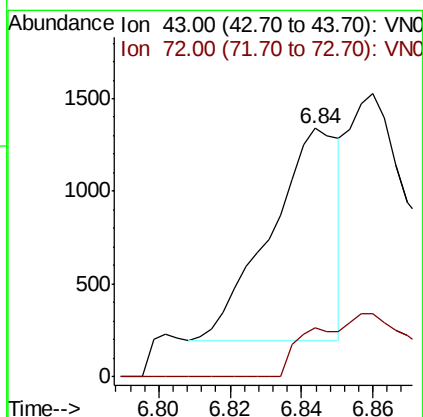
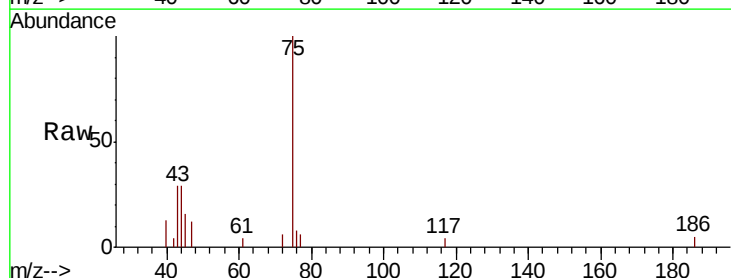
Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

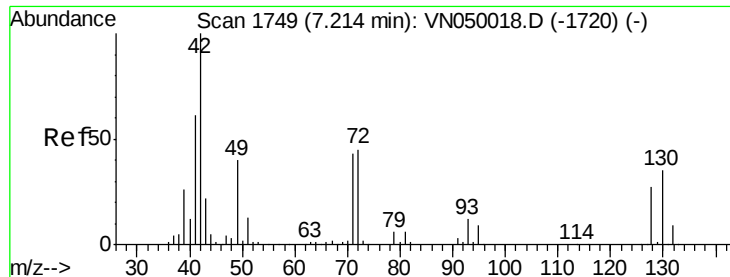
Tot Ion:	84	Resp:	48656
Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.8	142.2
51	36.9	28.3	42.5
86	61.2	51.0	76.6



#25
2-Butanone
Concen: 0.45 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion:	43	Resp:	1524
Ion	Ratio	Lower	Upper
43	100		
72	22.9	21.5	32.3





#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

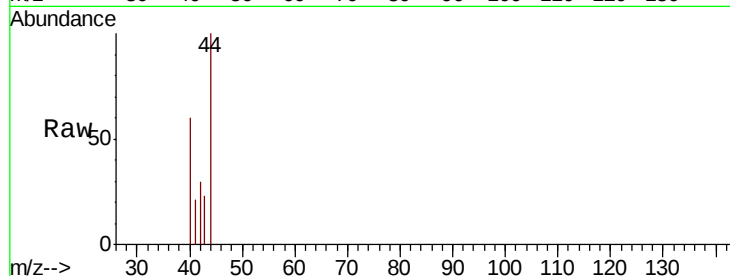
Tot Ion: 42 Resp: 510

Ion Ratio Lower Upper

42 100

72 17.3 35.9 53.9#

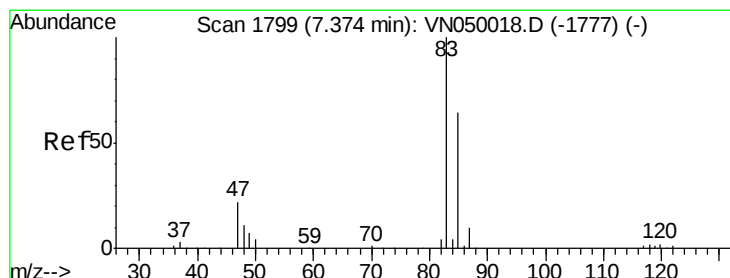
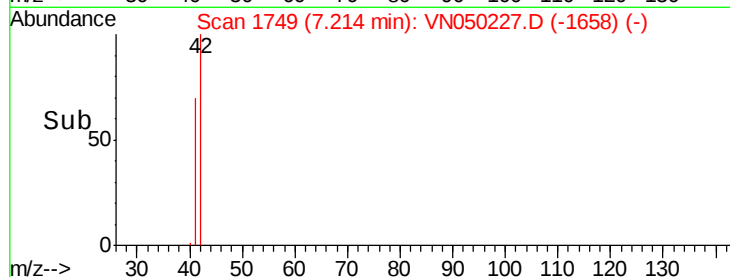
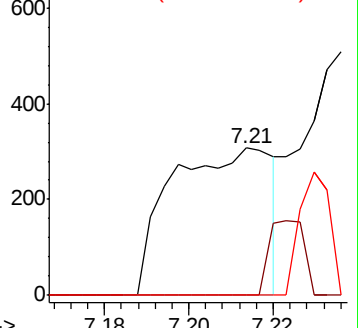
71 24.9 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.84 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050227.D

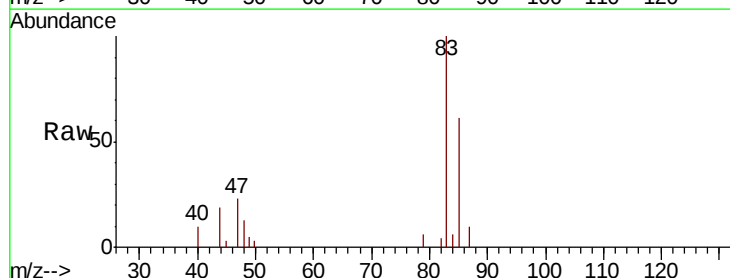
Acq: 31 Jul 2018 20:15

Tgt Ion: 83 Resp: 12571

Ion Ratio Lower Upper

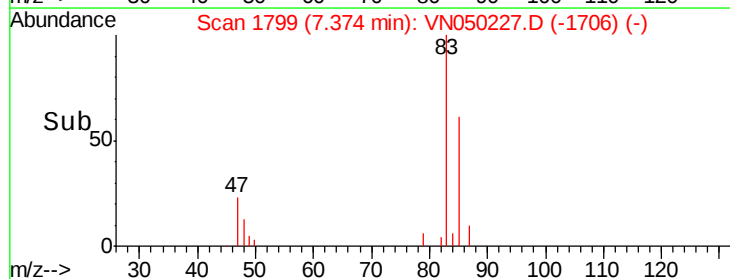
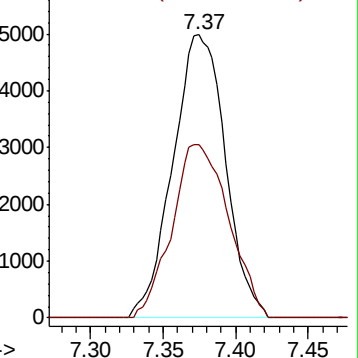
83 100

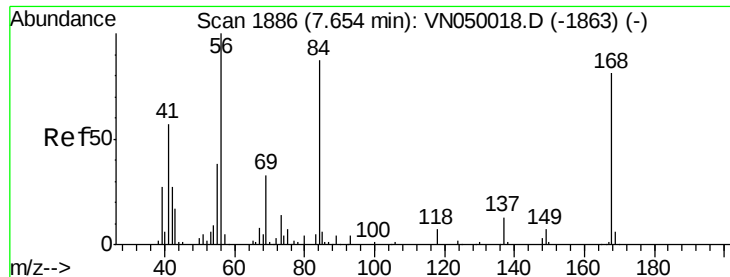
85 61.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

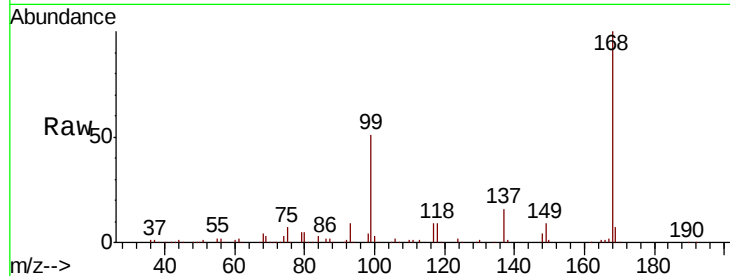




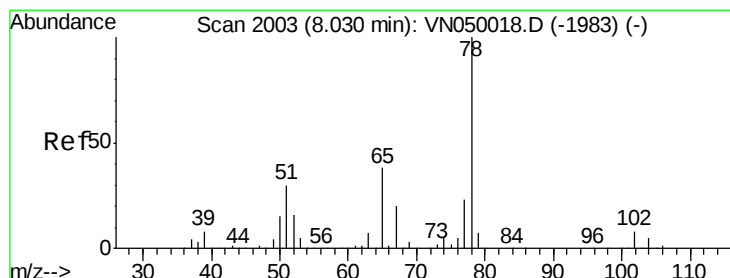
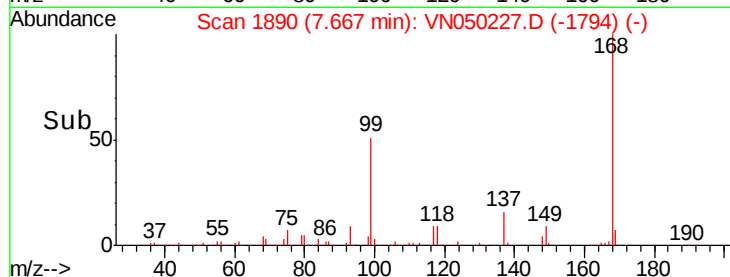
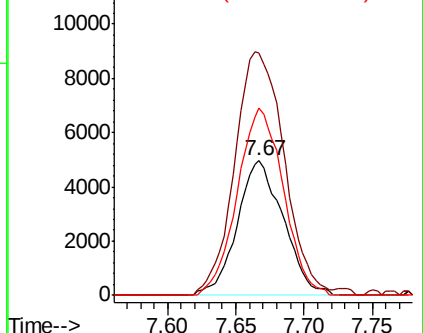
#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

Tot Ion: 56 Resp: 11668
Ion Ratio Lower Upper
56 100
69 179.5 26.2 39.4#
84 139.1 67.4 101.0#

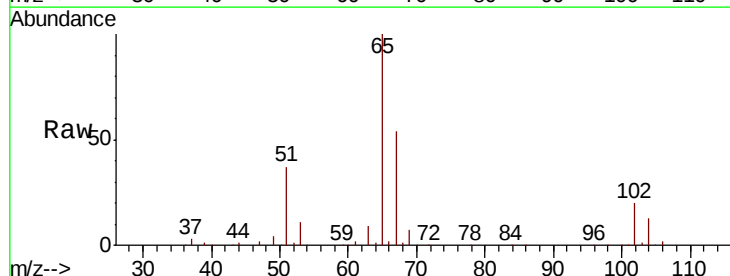


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

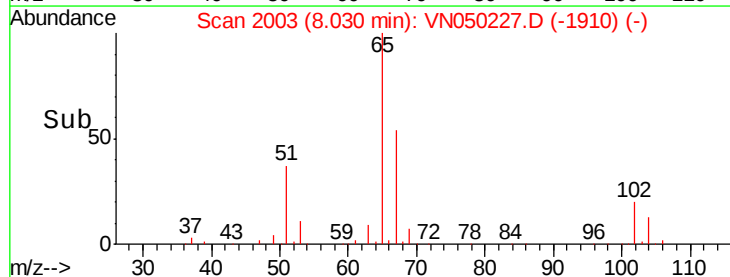
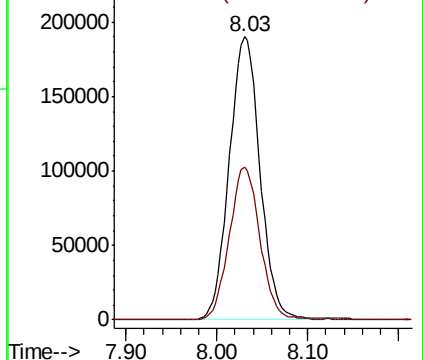


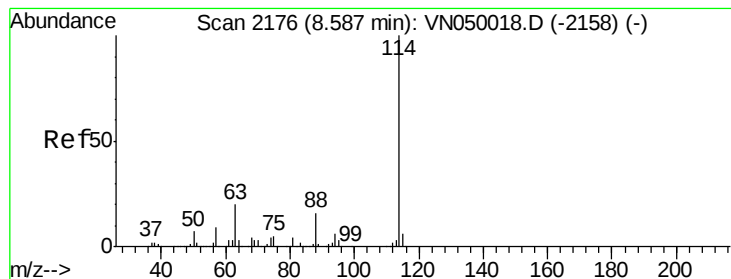
#33
1,2-Dichloroethane-d4
Concen: 50.43 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion: 65 Resp: 447343
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

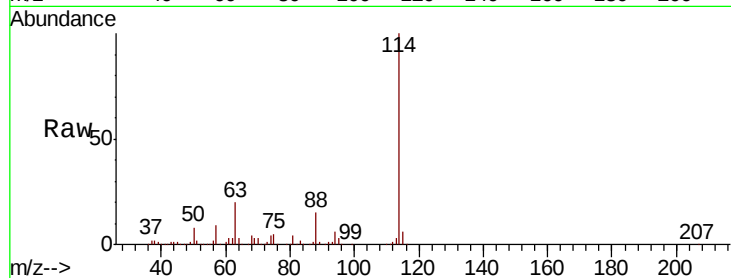
Tot Ion:114 Resp: 1056036

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

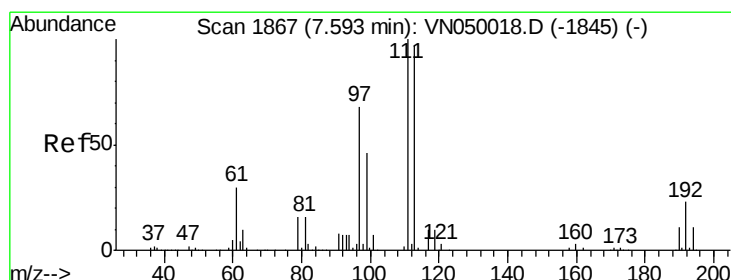
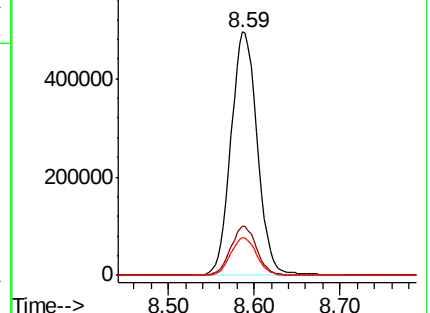
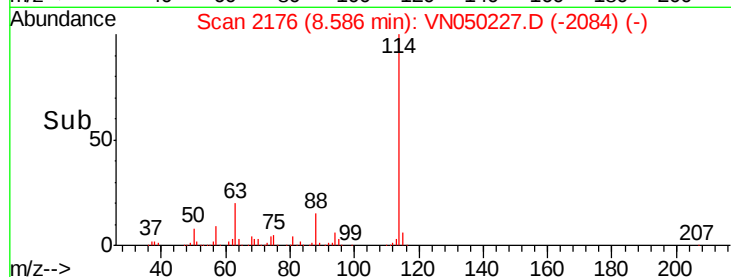
88 15.4 0.0 31.2



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: 47.02 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

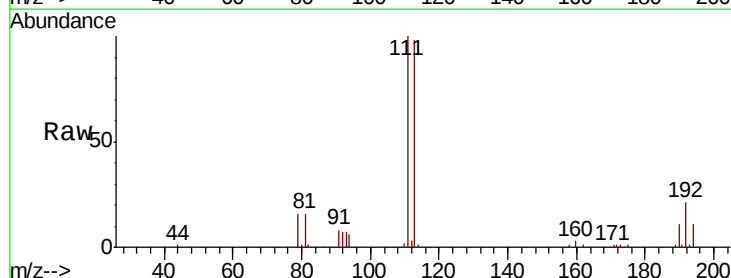
Tgt Ion:113 Resp: 405424

Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

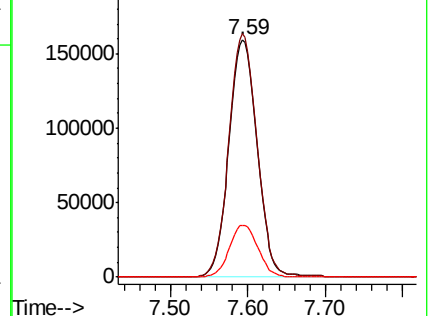
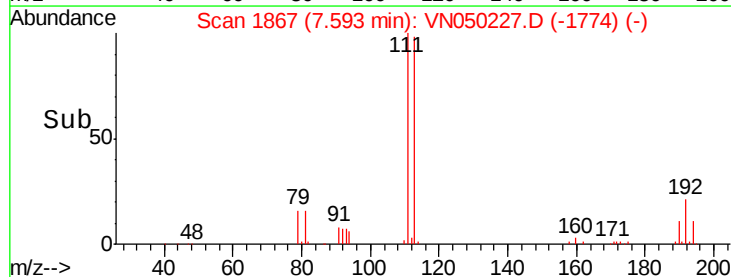
192 22.1 17.8 26.6

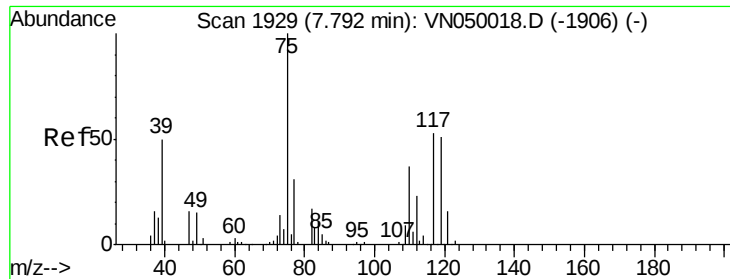


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

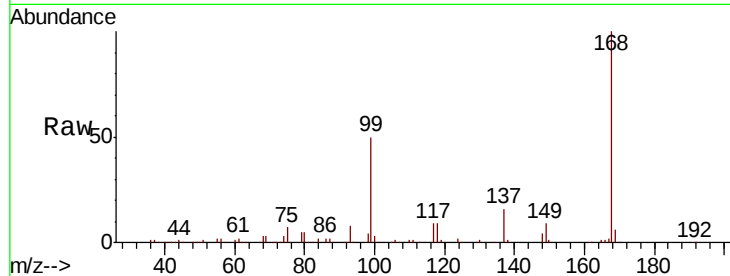




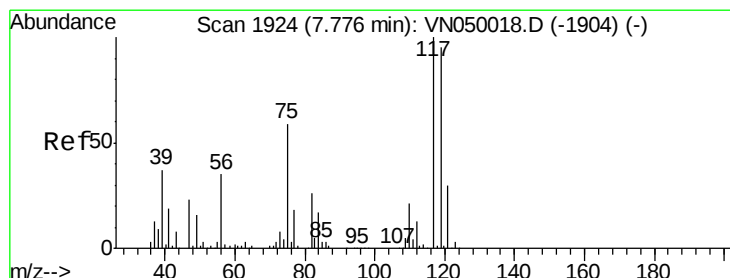
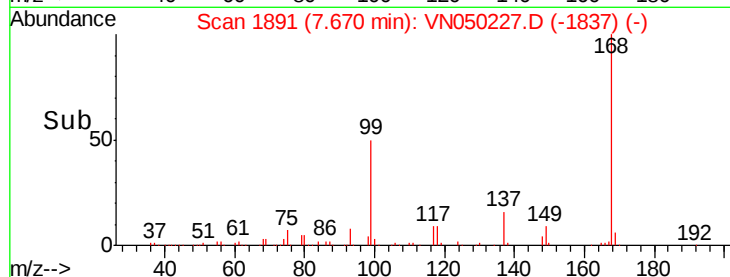
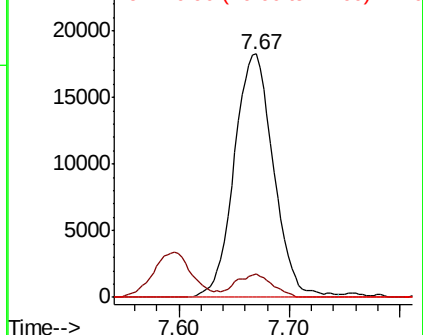
#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-A

Tot Ion	75	Resp	45132
Ion Ratio	Lower	Upper	
75	100		
110	8.9	18.4	55.2#
77	0.0	25.3	37.9#

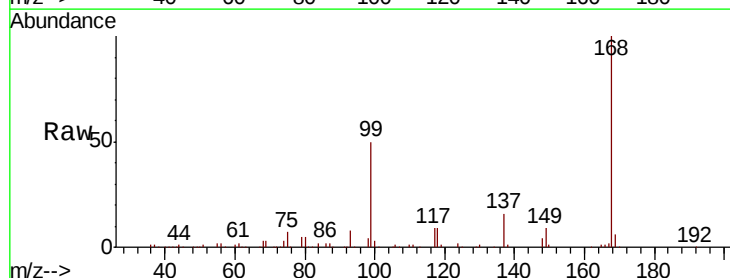


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-1906) (-)

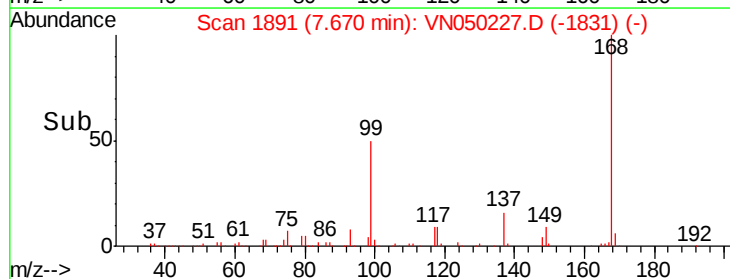
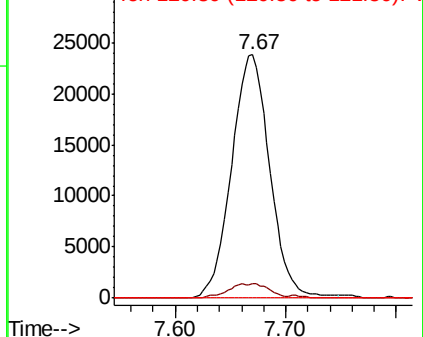


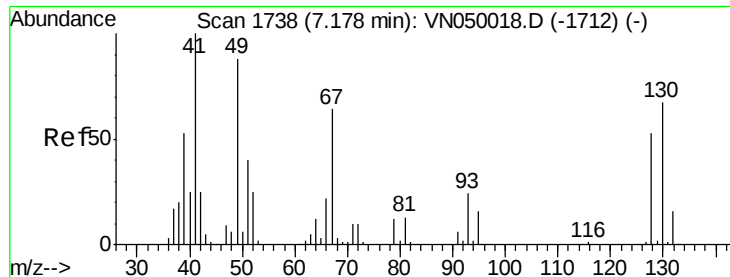
#38
 Carbon Tetrachloride
 Concen: 4.53 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

Tgt Ion	117	Resp	57226
Ion Ratio	Lower	Upper	
117	100		
119	5.8	77.4	116.0#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VN050018.D (-1904) (-)





#41

Methacrylonitrile

Concen: 2.80 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

Tot Ion: 41 Resp: 255

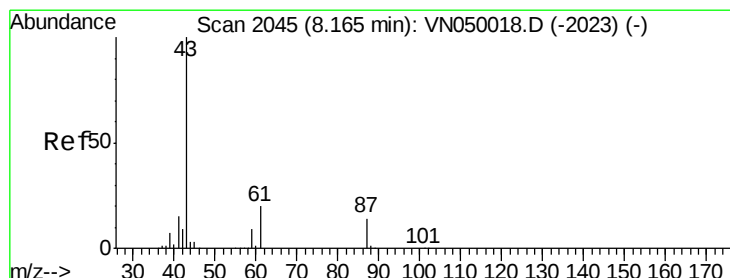
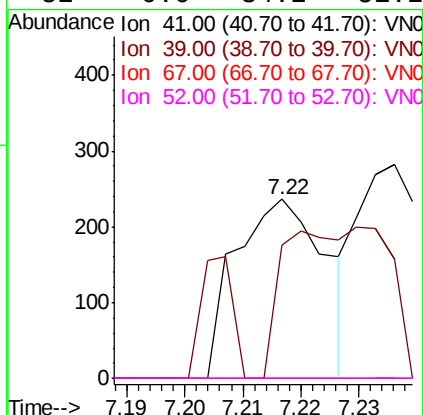
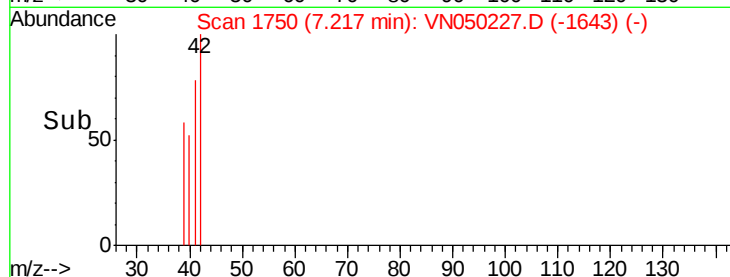
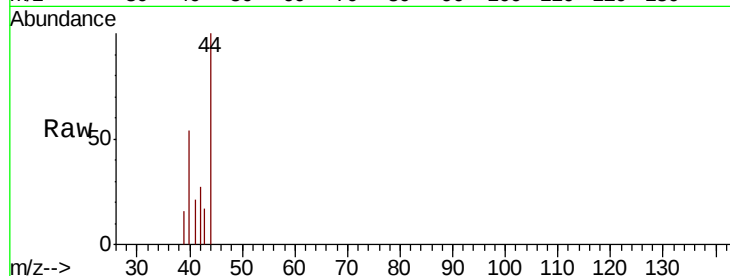
Ion Ratio Lower Upper

41 100

39 23.9 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



#43

Isopropyl Acetate

Concen: 24.06 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

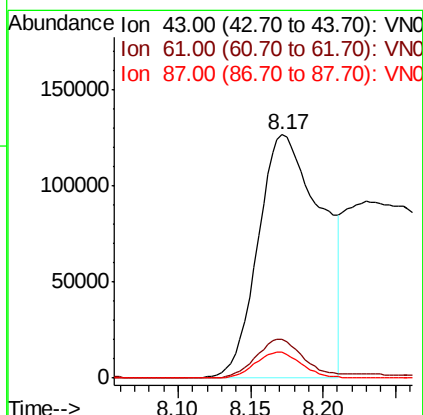
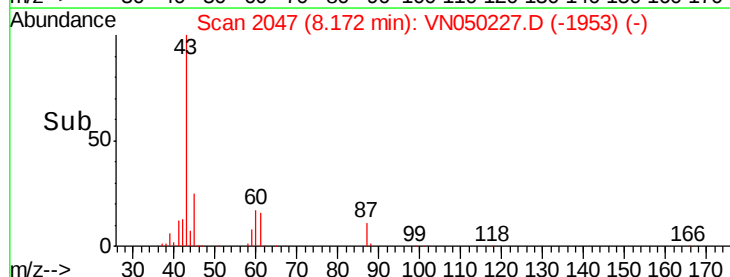
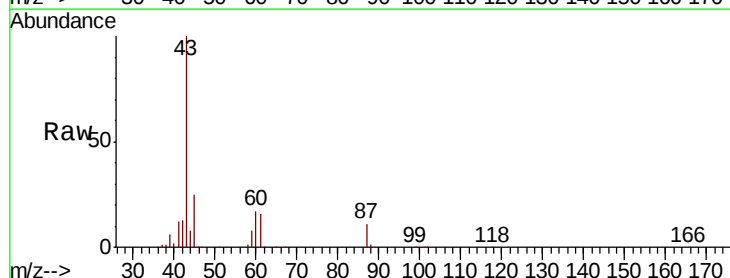
Tgt Ion: 43 Resp: 385419

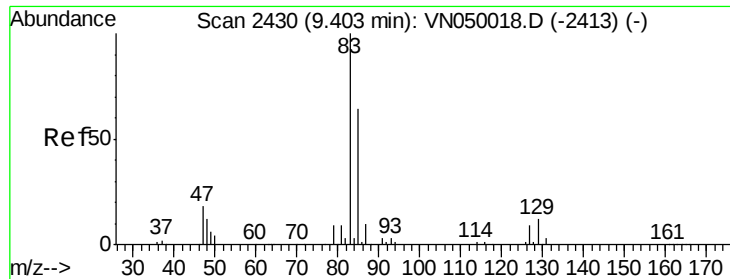
Ion Ratio Lower Upper

43 100

61 12.7 15.8 23.6#

87 8.0 10.3 15.5#





#47

Bromodichloromethane

Concen: 0.22 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

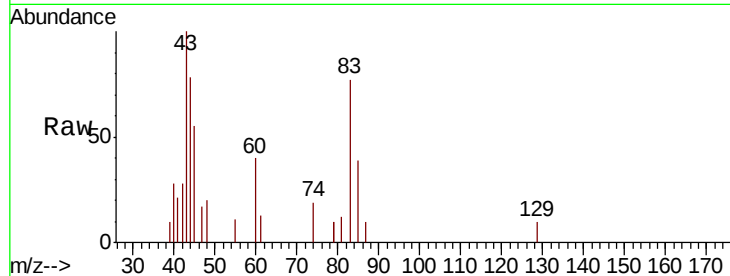
Tot Ion: 83 Resp: 2773

Ion Ratio Lower Upper

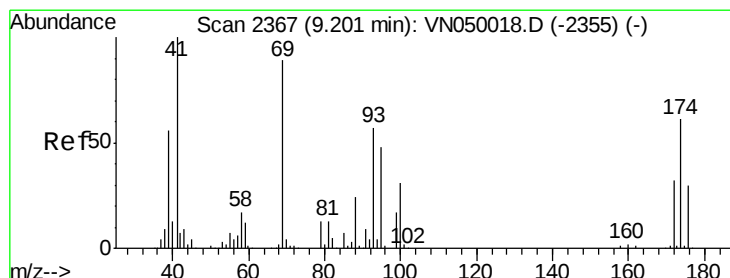
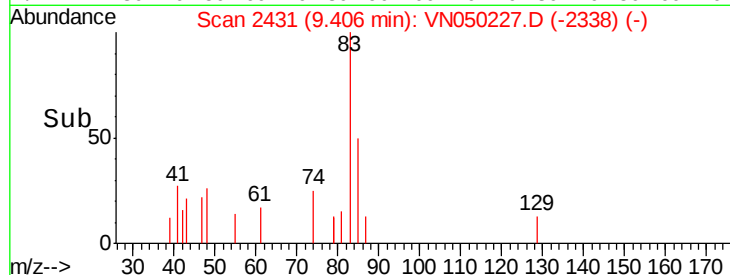
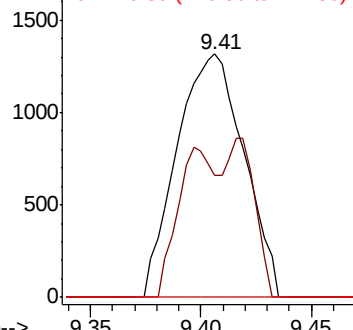
83 100

85 50.2 51.1 76.7#

127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.19 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

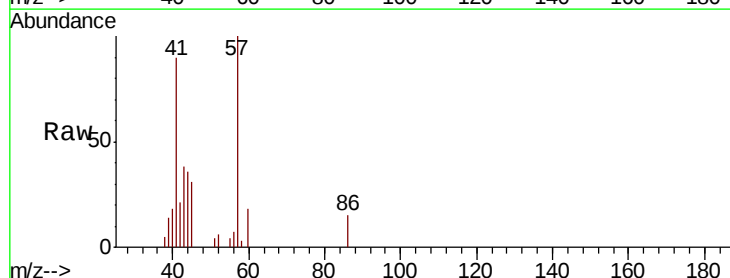
Tgt Ion: 41 Resp: 8532

Ion Ratio Lower Upper

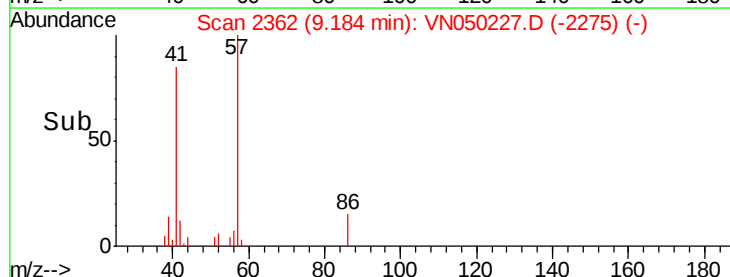
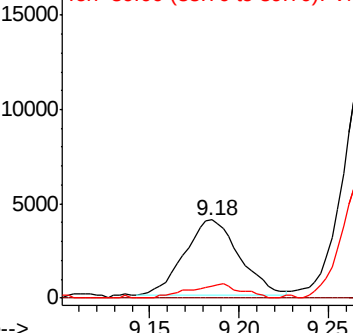
41 100

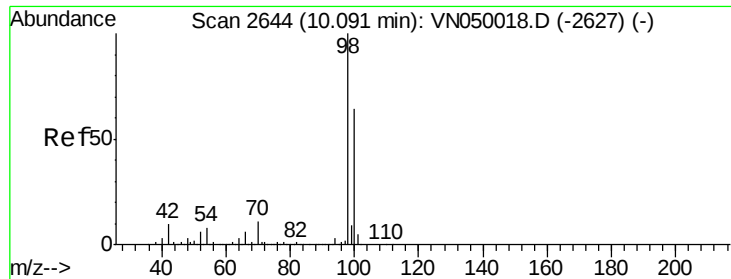
69 0.0 70.6 105.8#

39 17.8 43.9 65.9#



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

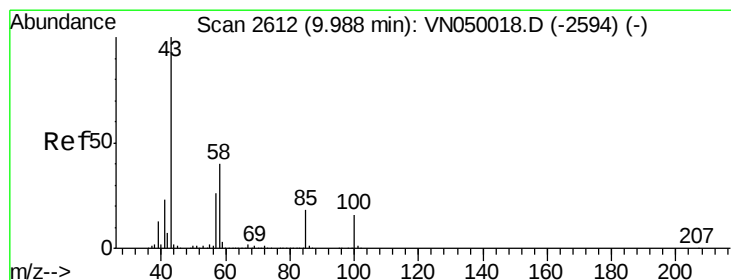
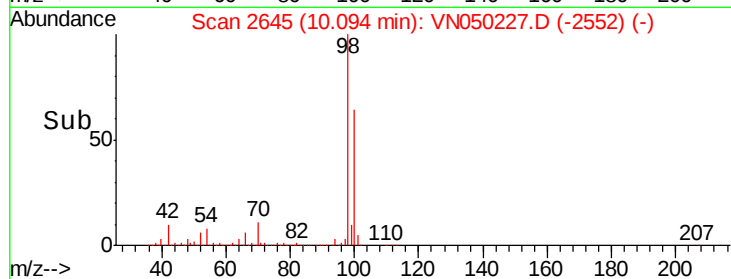
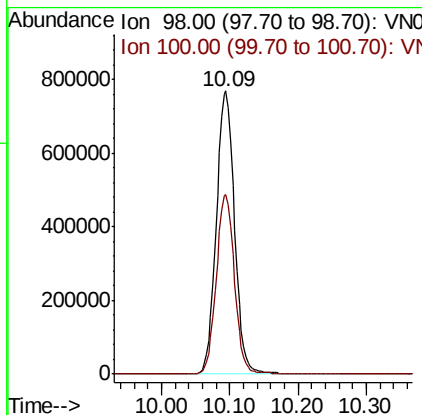
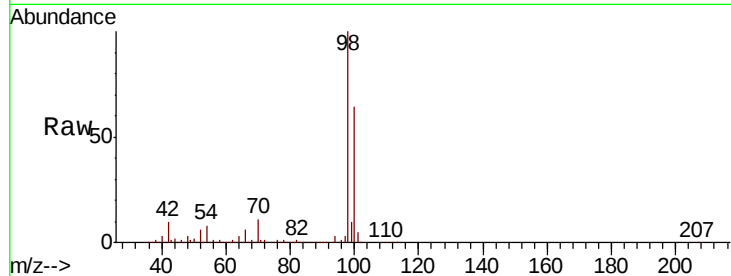




#50
Toluene-d8
Concen: 45.11 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

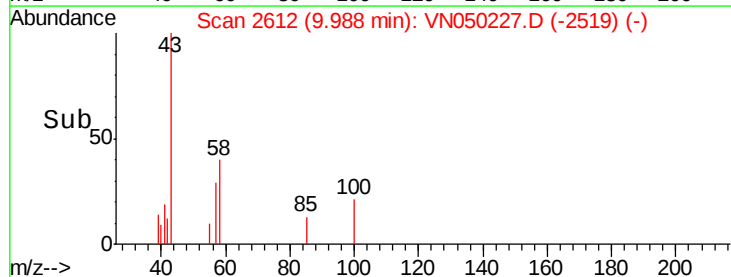
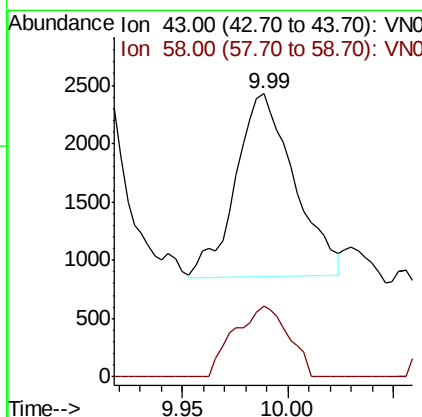
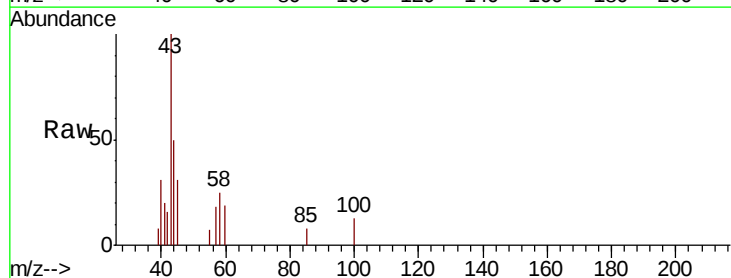
Instrument :
MSVOA_N
ClientSampled :
NB-08-073018-A

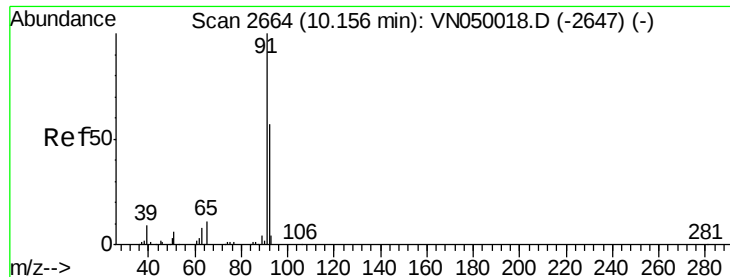
Tot Ion: 98 Resp: 1429928
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
58 35.1 31.9 47.9





#52

Toluene

Concen: 0.21 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

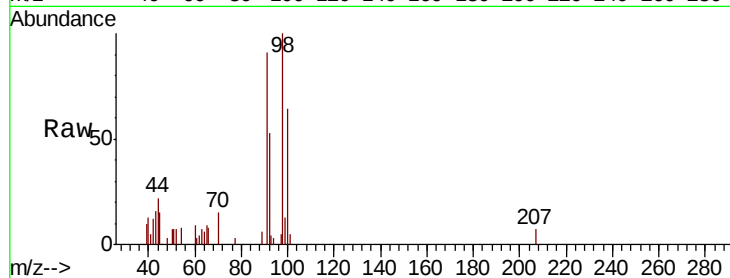
NB-08-073018-A

Tot Ion: 92 Resp: 4568

Ion Ratio Lower Upper

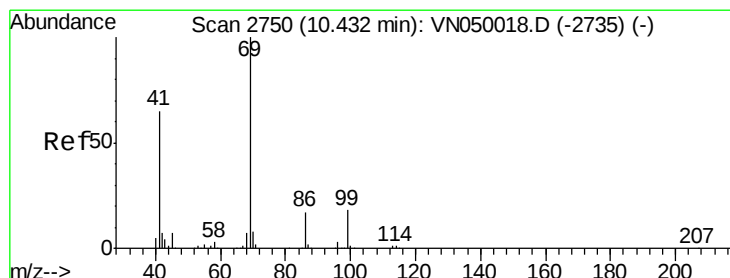
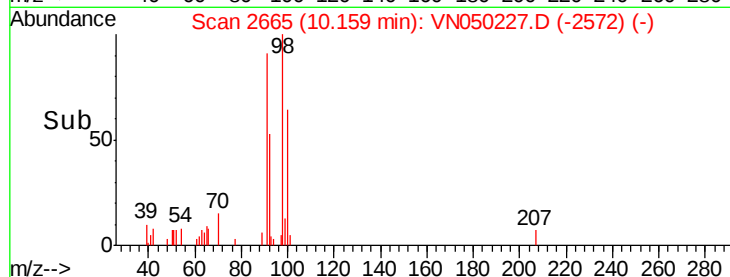
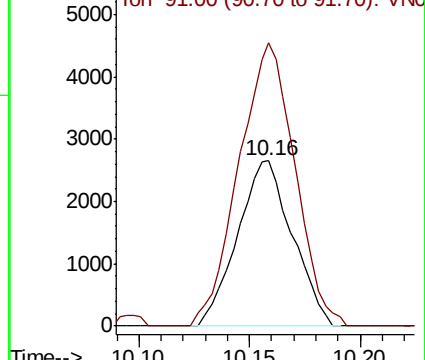
92 100

91 175.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.29 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

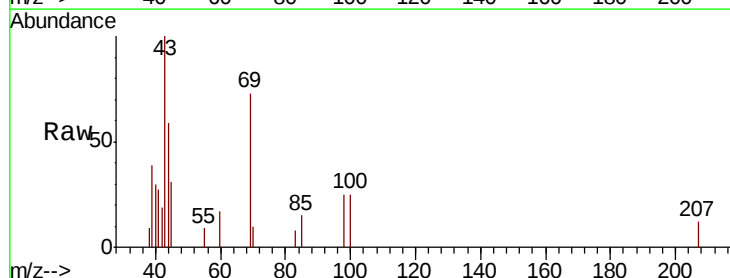
Tgt Ion: 69 Resp: 3152

Ion Ratio Lower Upper

69 100

41 26.3 51.0 76.4#

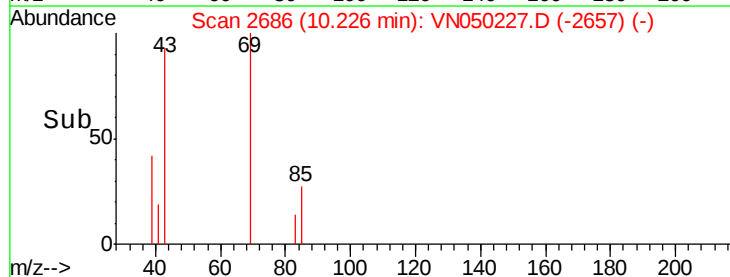
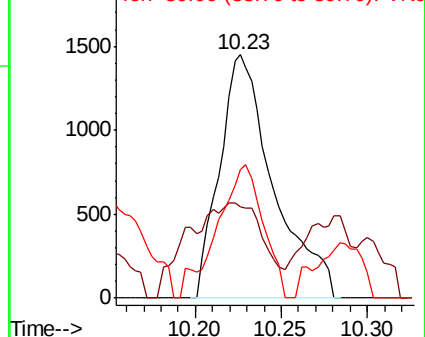
39 46.8 26.6 40.0#

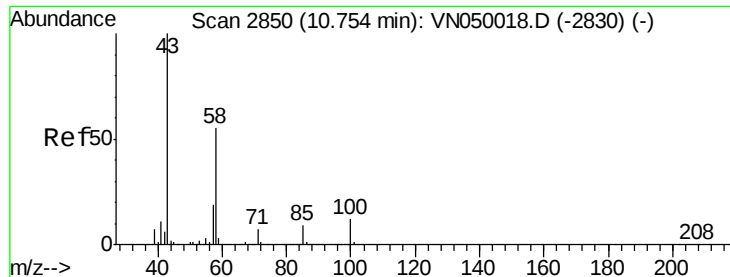


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 7.99 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

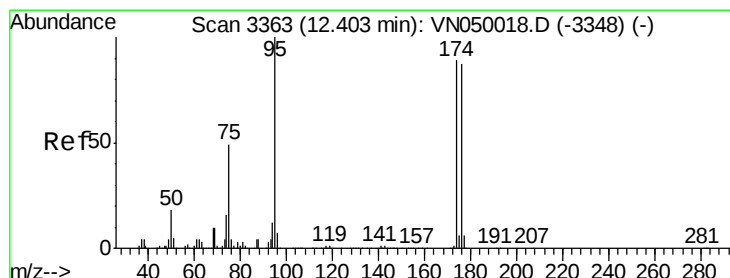
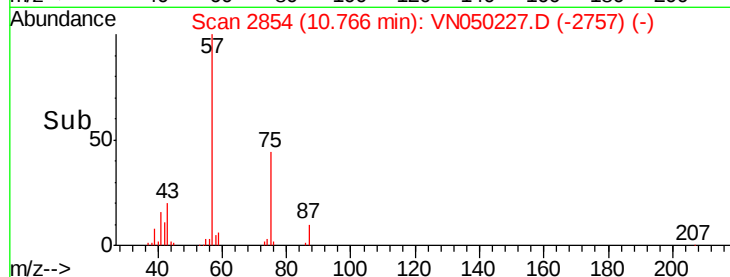
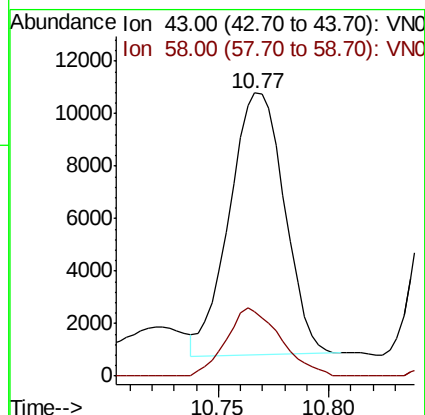
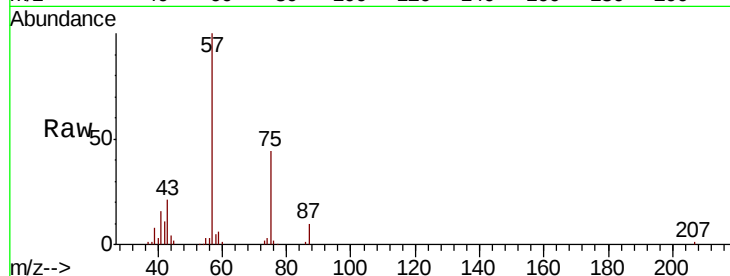
NB-08-073018-A

Tot Ion: 43 Resp: 17238

Ion Ratio Lower Upper

43 100

58 25.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 38.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

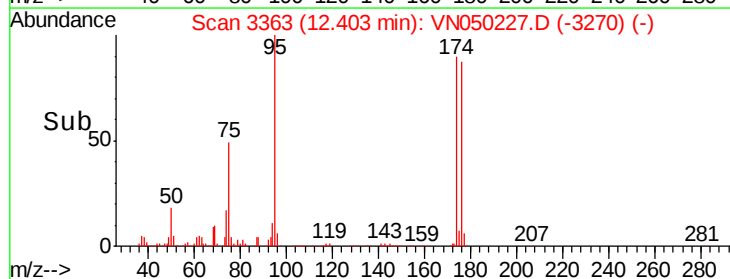
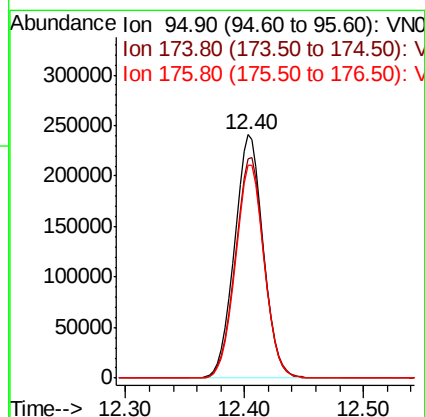
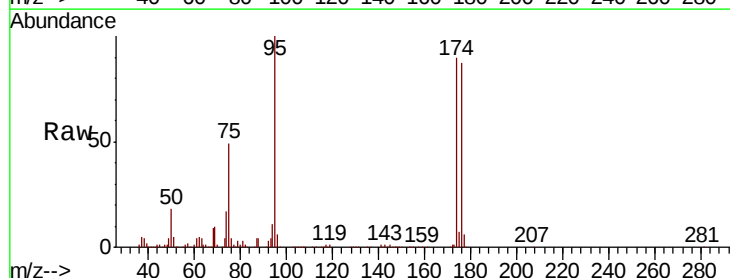
Tgt Ion: 95 Resp: 401348

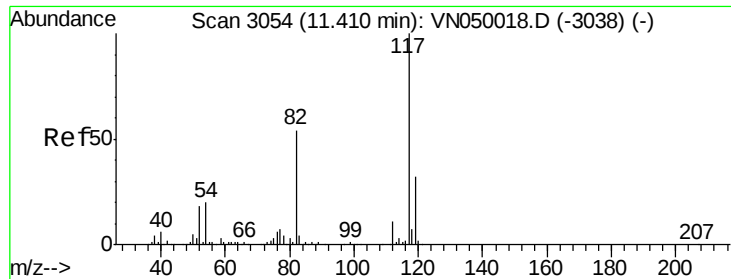
Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

176 87.9 0.0 173.4

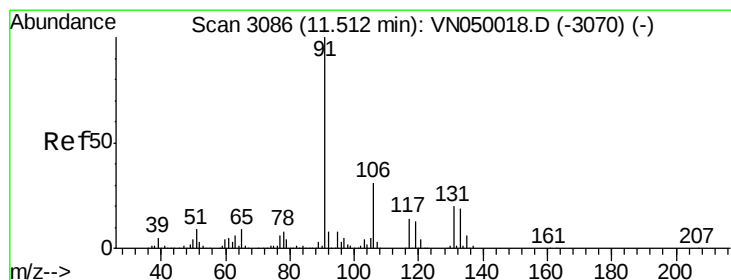
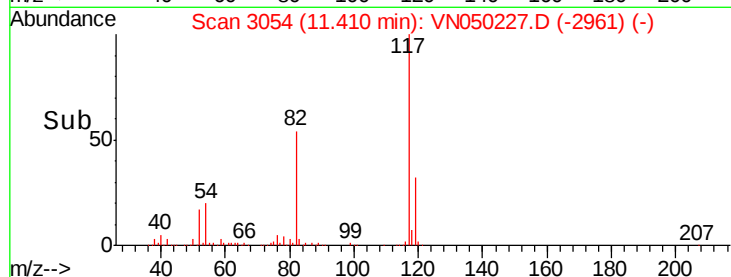
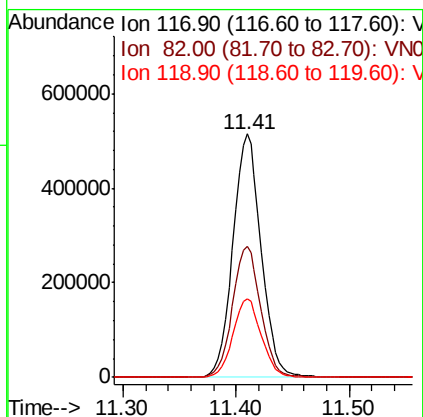
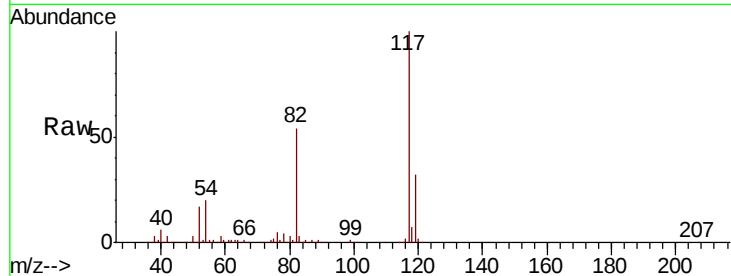




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

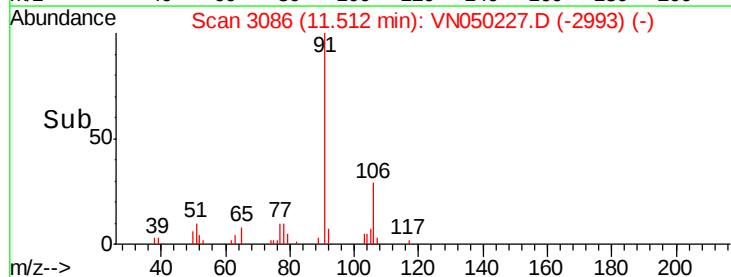
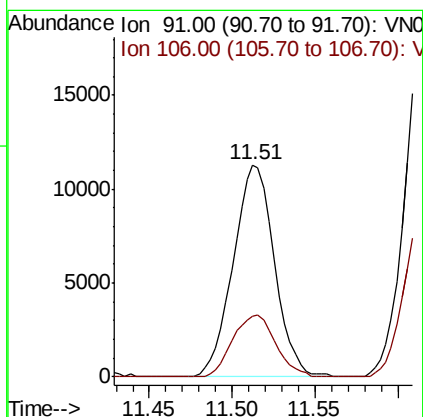
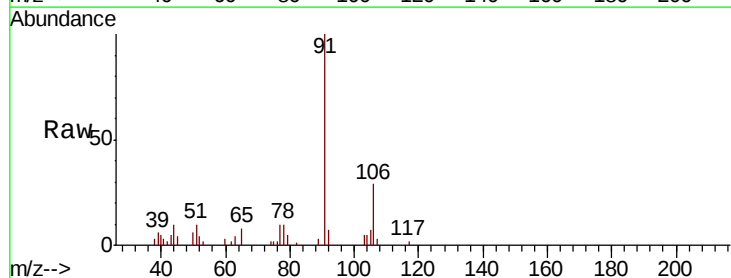
Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

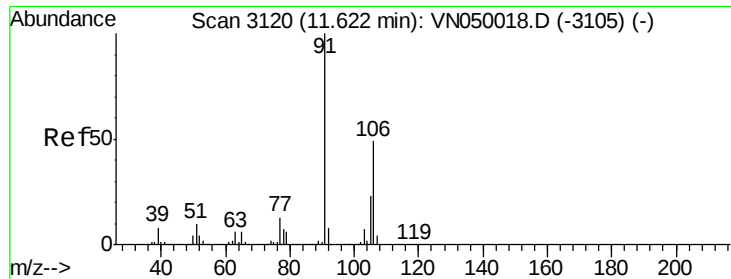
Tot Ion:117 Resp: 890914
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.5 26.1 39.1



#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion: 91 Resp: 19497
Ion Ratio Lower Upper
91 100
106 28.9 25.0 37.4

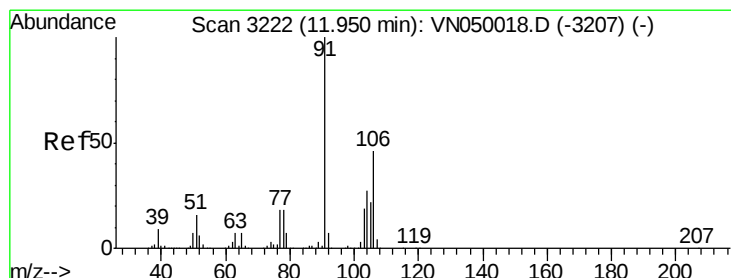
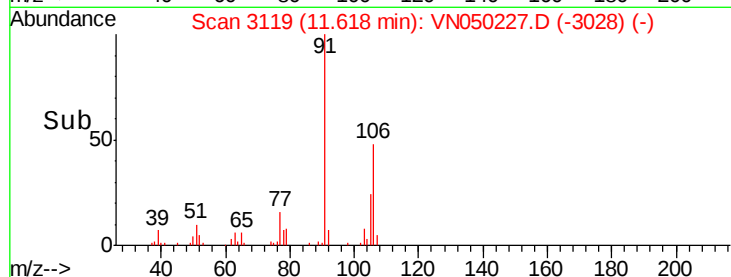
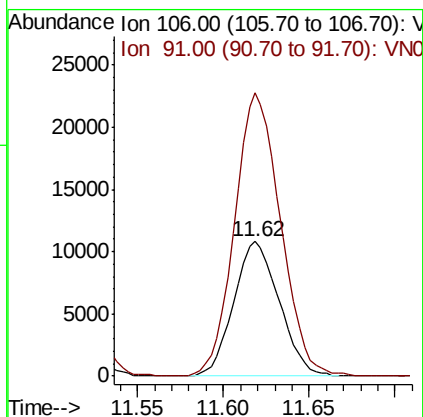
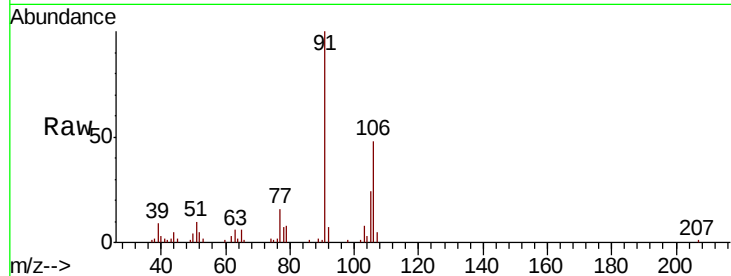




#68
m/p-Xylenes
Concen: 1.45 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

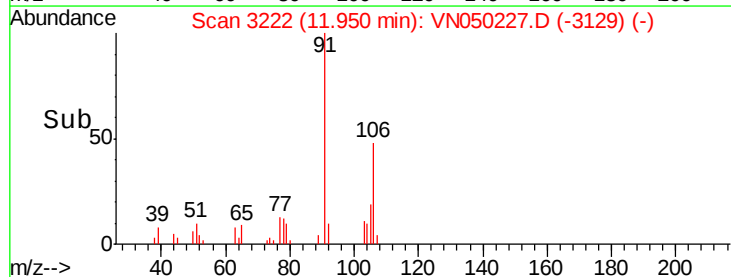
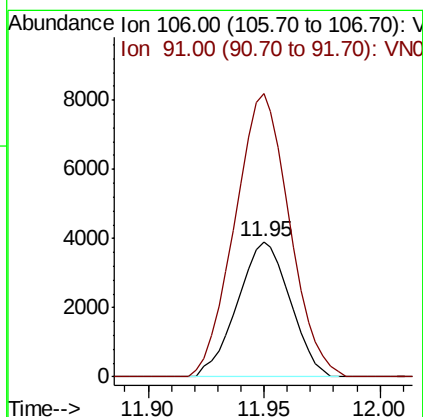
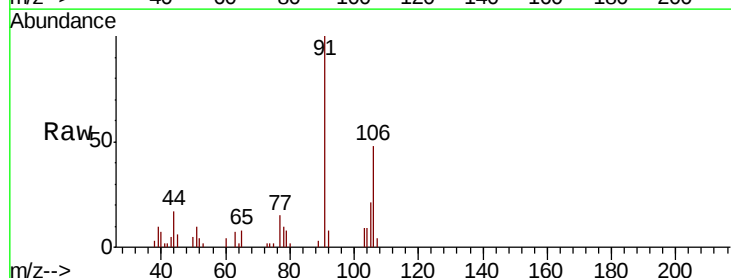
Instrument :
MSVOA_N
ClientSampled :
NB-08-073018-A

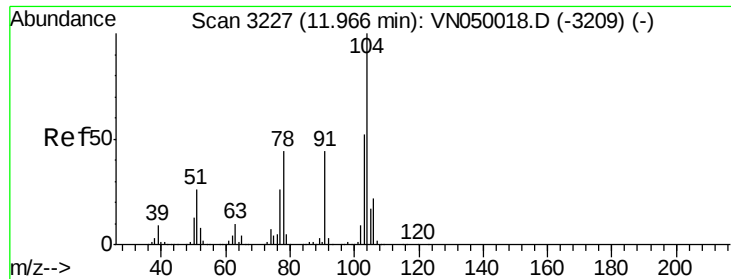
Tot Ion:106 Resp: 19885
Ion Ratio Lower Upper
106 100
91 212.1 162.2 243.2



#69
o-Xylene
Concen: 0.47 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion:106 Resp: 6150
Ion Ratio Lower Upper
106 100
91 217.6 107.7 323.1





#70

Stvrene

Concen: 1.04 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

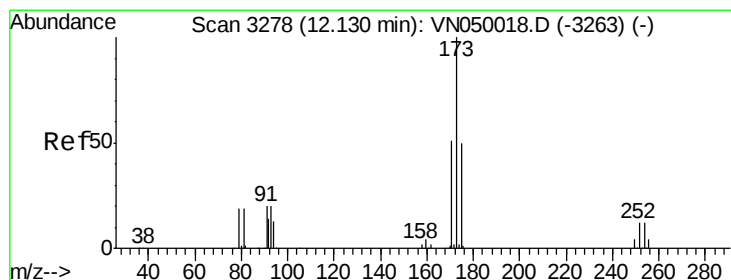
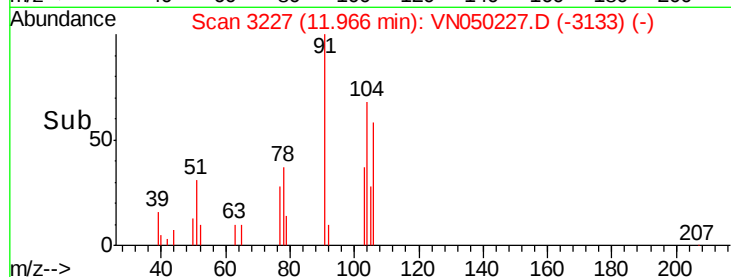
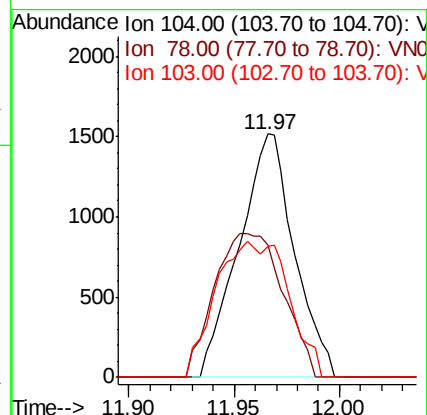
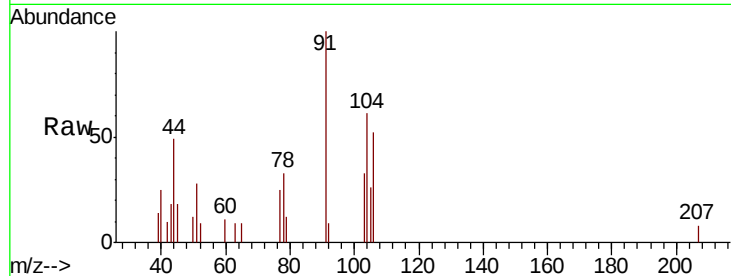
Tot Ion:104 Resp: 2763

Ion Ratio Lower Upper

104 100

78 73.1 39.3 58.9#

103 45.8 45.0 67.6



#71

Bromoform

Concen: 0.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

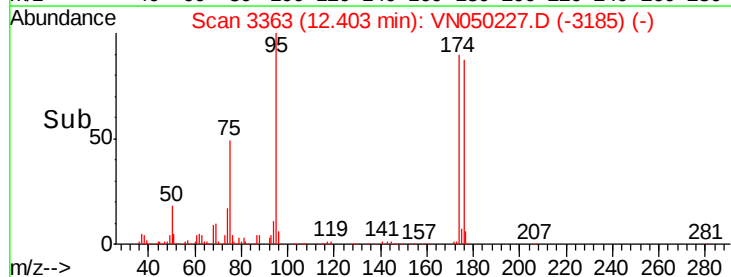
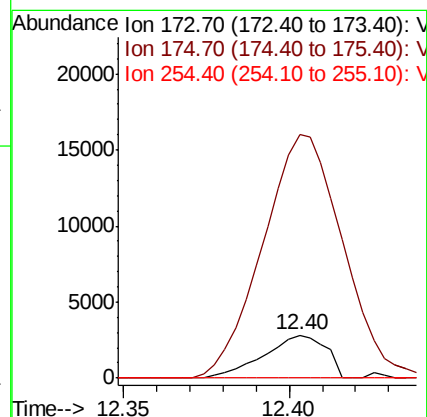
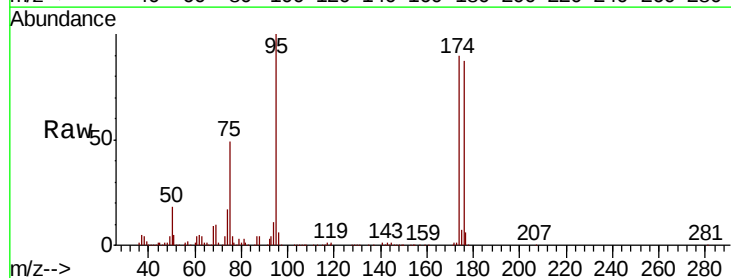
Tgt Ion:173 Resp: 3698

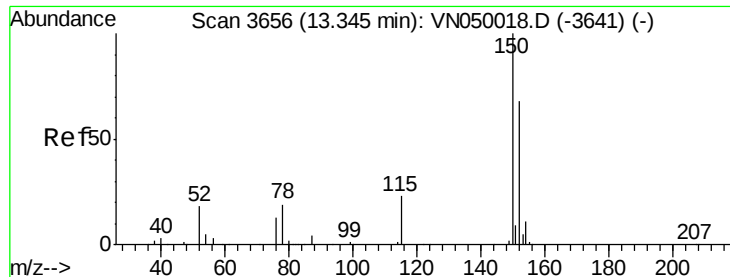
Ion Ratio Lower Upper

173 100

175 642.6 24.1 72.2#

254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

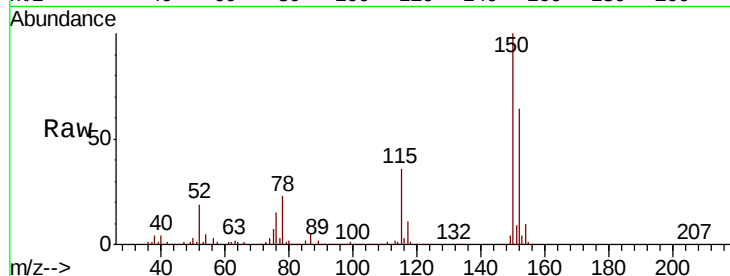
Tot Ion:152 Resp: 349678

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

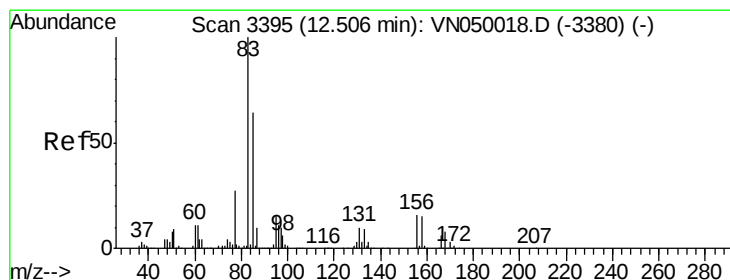
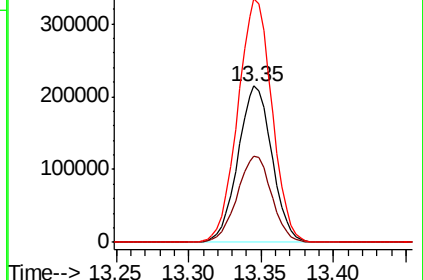
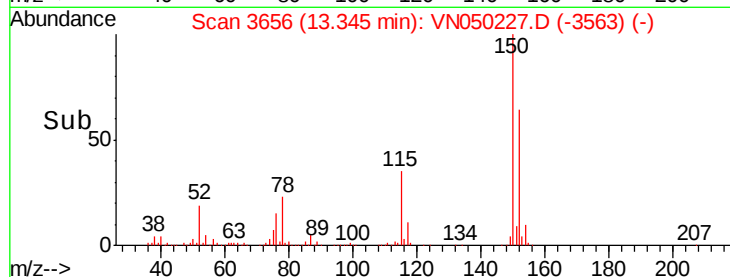
150 156.4 0.0 348.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3362

Delta R.T. -0.11 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

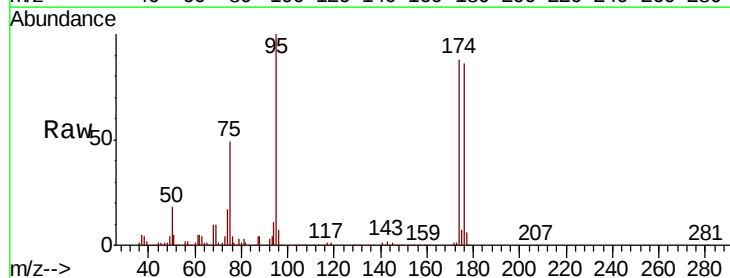
Tgt Ion: 83 Resp: 265

Ion Ratio Lower Upper

83 100

131 181.9 5.1 15.3#

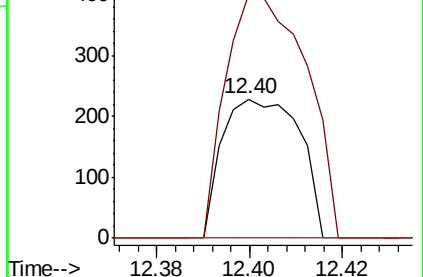
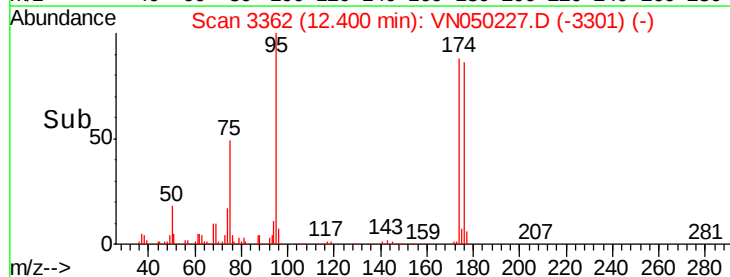
85 0.0 32.3 96.8#

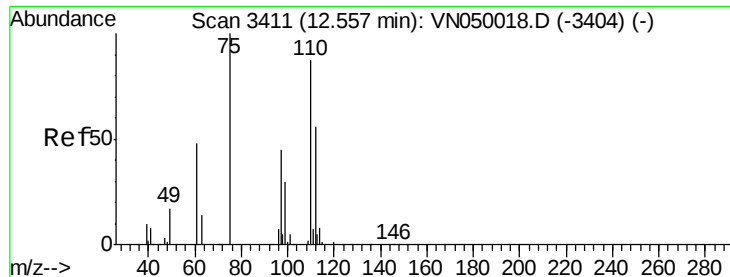


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 30.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampled :

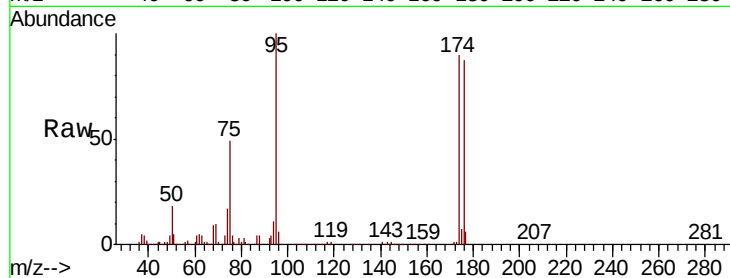
NB-08-073018-A

Tot Ion: 75 Resp: 195295

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3404) (-)

Ion 77.00 (76.70 to 77.70): VN050018.D (-3404) (-)

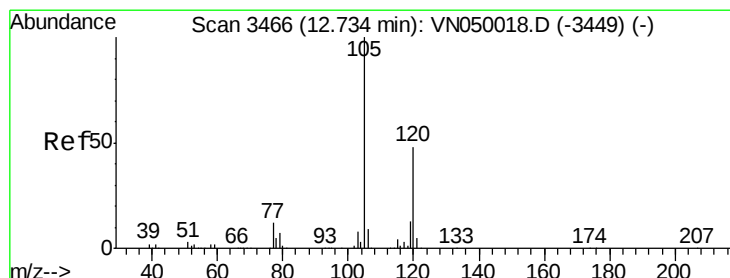
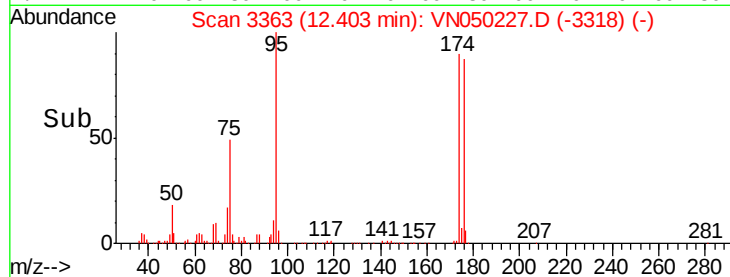
12.40

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.46 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050227.D

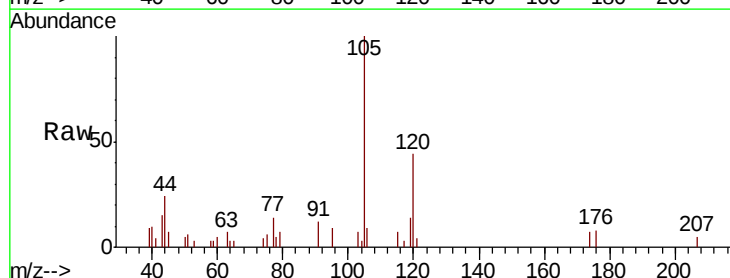
Acq: 31 Jul 2018 20:15

Tgt Ion: 105 Resp: 9916

Ion Ratio Lower Upper

105 100

120 46.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)

12.73

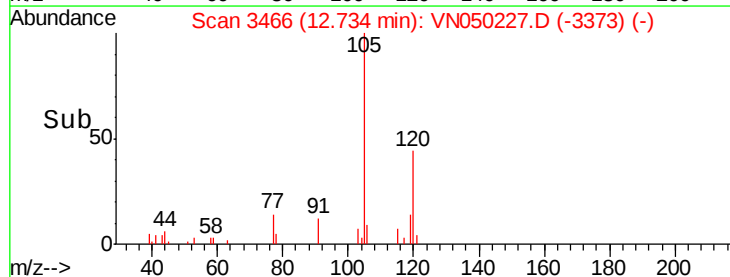
6000

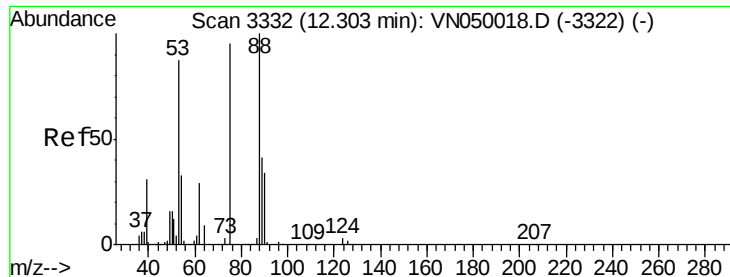
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 95.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

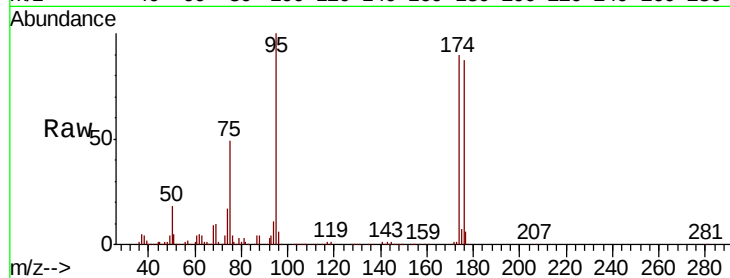
Tot Ion: 75 Resp: 195295

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

89 0.0 36.0 54.0#



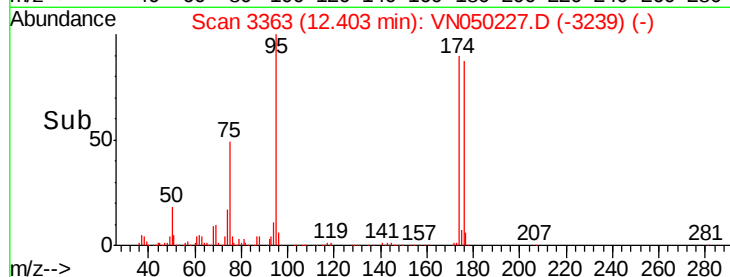
Abundance

Ion 74.90 (74.60 to 75.60): VN0

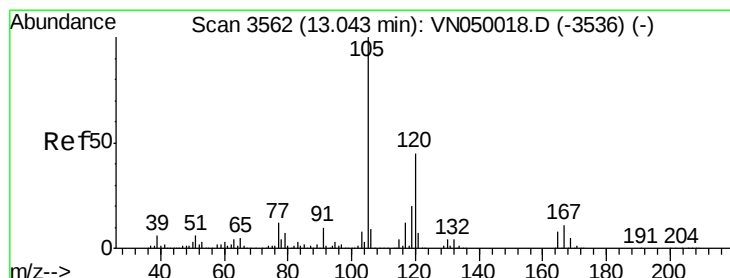
Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.40



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 1.18 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050227.D

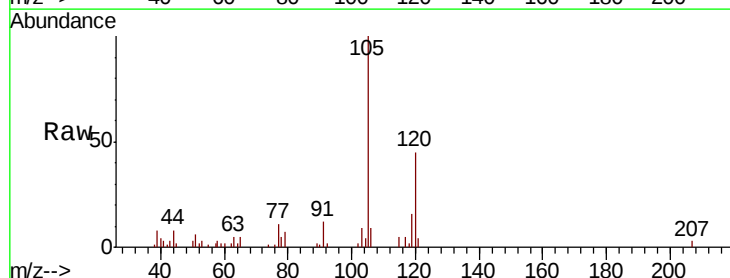
Acq: 31 Jul 2018 20:15

Tgt Ion: 105 Resp: 25391

Ion Ratio Lower Upper

105 100

120 47.3 22.9 68.7

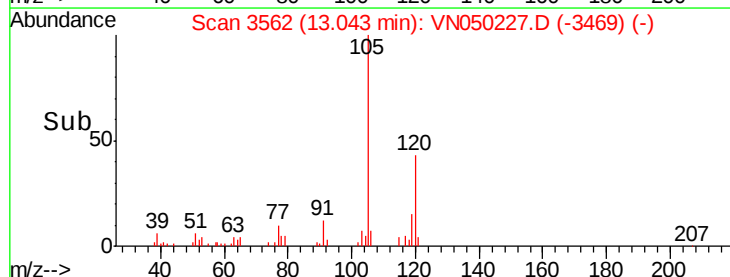


Abundance

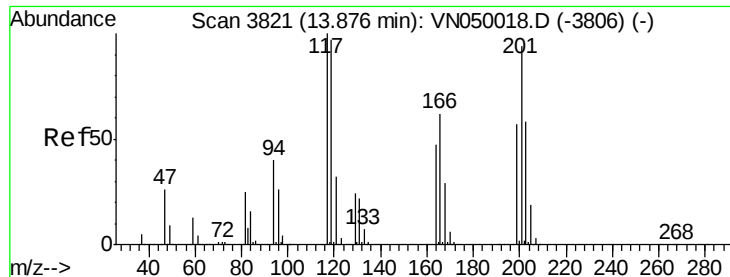
Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04



Time-->



#90

Hexachloroethane

Concen: 0.27 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

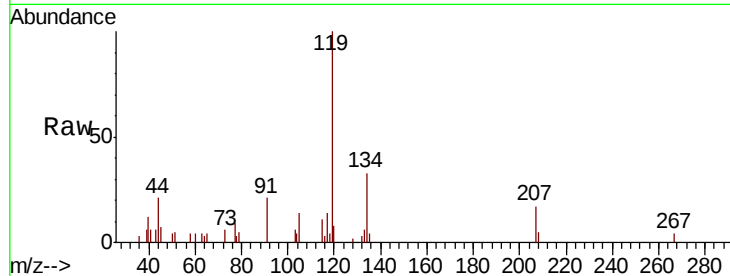
NB-08-073018-A

Tot Ion:117 Resp: 1245

Ion Ratio Lower Upper

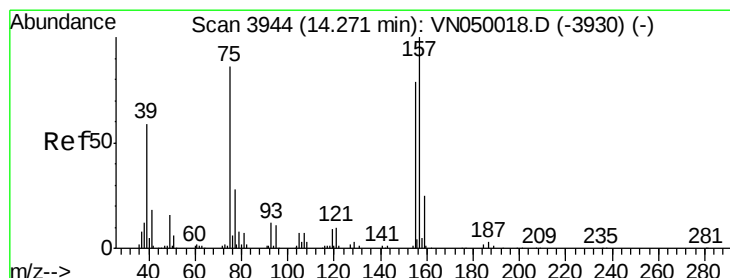
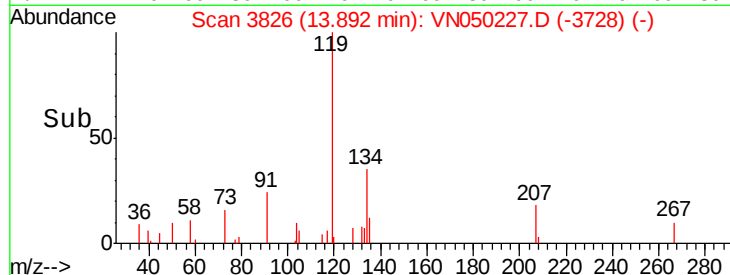
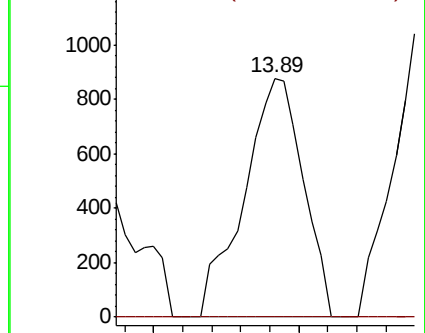
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.47 min Scan# 4007

Delta R.T. 0.20 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

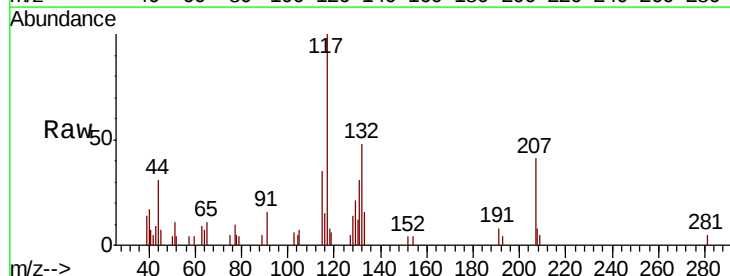
Tgt Ion: 75 Resp: 162

Ion Ratio Lower Upper

75 100

155 18.5 44.8 134.4#

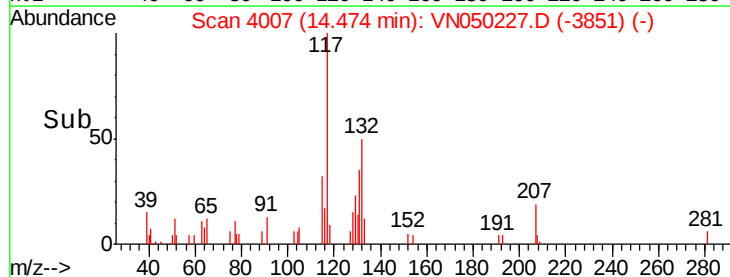
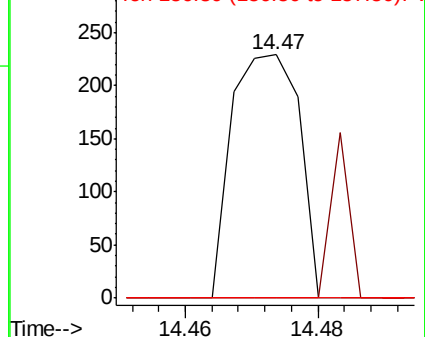
157 0.0 57.2 171.6#

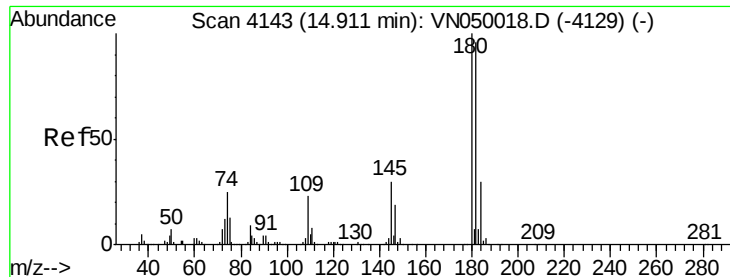


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

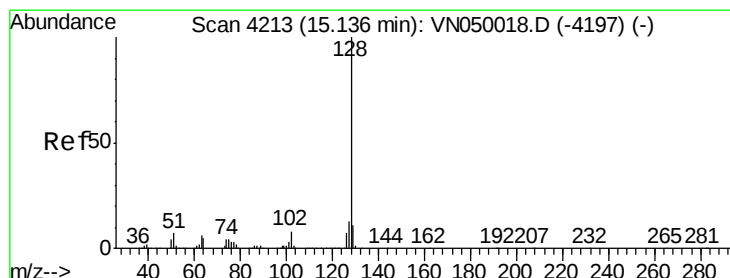
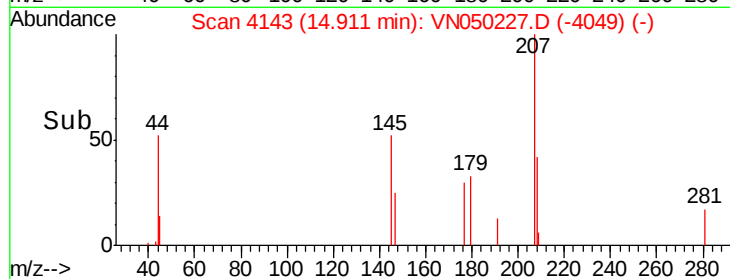
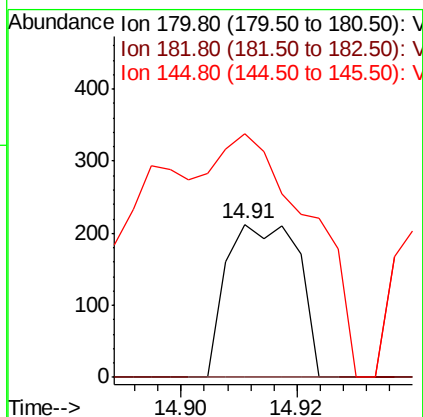
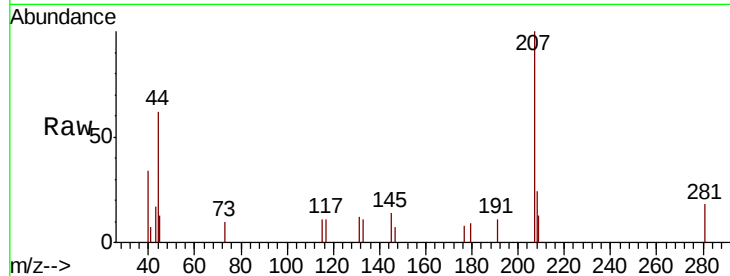




#93
 1,2,4-Trichlorobenzene
 Concen: 3.11 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-A

Tot Ion:180 Resp: 182
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1#
 145 41.8 13.8 41.4#



#95
 Naphthalene
 Concen: 8.29 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

Tgt Ion:128 Resp: 67936
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 10.7 8.8 13.2

