

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056873.D
 Acq On : 23 Jul 2019 12:59
 Operator : JC/SP
 Sample : K3617-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-071919-B

Quant Time: Jul 24 01:13:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	242469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	448622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	499926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	144617	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
35) Dibromofluoromethane	7.59	113	138117	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	10.09	98	573936	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	211114	59.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	70	Below Cal	#	42
3) Chloromethane	2.06	50	692	0.204	ug/l #	42
5) Bromomethane	2.57	94	931	0.492	ug/l	95
8) Diethyl Ether	3.40	74	307	0.217	ug/l #	31
10) Methyl Iodide	3.95	142	648	0.322	ug/l #	90
13) Acrolein	3.60	56	63	0.206	ug/l #	15
14) Allyl chloride	4.53	41	792	0.205	ug/l #	28
16) Acetone	3.82	43	14621	15.699	ug/l	93
17) Carbon Disulfide	4.05	76	1551	0.242	ug/l #	75
18) Methyl Acetate	4.33	43	5508	Below Cal	#	78
20) Methylene Chloride	4.54	84	61660	22.141	ug/l	98
25) 2-Butanone	6.85	43	3960	2.893	ug/l #	86
29) Tetrahydrofuran	7.23	42	784	0.833	ug/l #	34
30) Chloroform	7.37	83	5731	1.262	ug/l	89
31) Cyclohexane	7.67	56	3953	0.899	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	15753	3.808	ug/l #	47
37) Ethyl Acetate	6.85	43	3960	1.187	ug/l #	67
38) Carbon Tetrachloride	7.66	117	21333	5.417	ug/l #	16
43) Isopropyl Acetate	8.17	43	15134	2.639	ug/l	94
45) 1,2-Dichloropropane	9.27	63	1335	0.386	ug/l #	43
47) Bromodichloromethane	9.40	83	1164	0.290	ug/l #	88
48) Methyl methacrylate	9.18	41	6746	2.351	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3396	0.993	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	38143	7.845	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	8157	1.606	ug/l #	42
59) 2-Hexanone	10.76	43	111586	47.133	ug/l #	51
68) m/p-Xylenes	11.62	106	2027	0.302	ug/l	96
70) Styrene	11.97	104	803	0.588	ug/l #	80
71) Bromoform	12.40	173	1476	0.544	ug/l #	1
73) Isopropylbenzene	12.25	105	1036	Below Cal		86
76) 1,2,3-Trichloropropane	12.40	75	96819	26.834	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1080	Below Cal		73
80) 1,3,5-Trimethylbenzene	12.73	105	4302	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	96819	85.946	ug/l #	13

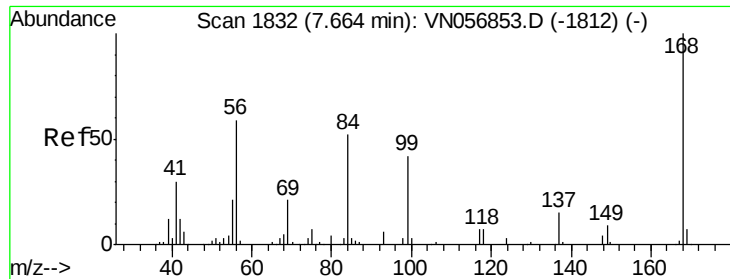
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056873.D
Acq On : 23 Jul 2019 12:59
Operator : JC/SP
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Quant Time: Jul 24 01:13:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
83) tert-Butylbenzene	12.99	119	702	Below Cal #	84
84) 1,2,4-Trimethylbenzene	13.04	105	6524	0.541 ug/l	93
93) 1,2,4-Trichlorobenzene	14.91	180	1705	4.605 ug/l #	92
94) Hexachlorobutadiene	15.00	225	312	Below Cal #	43
95) Naphthalene	15.13	128	49801	9.078 ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2057	3.053 ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

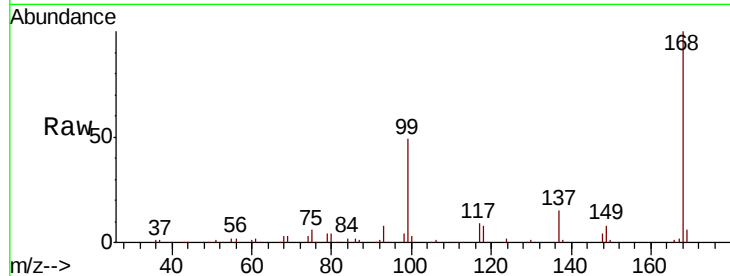
NB-07-071919-B

Tot Ion:168 Resp: 242469

Ion Ratio Lower Upper

168 100

99 49.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

100000

80000

60000

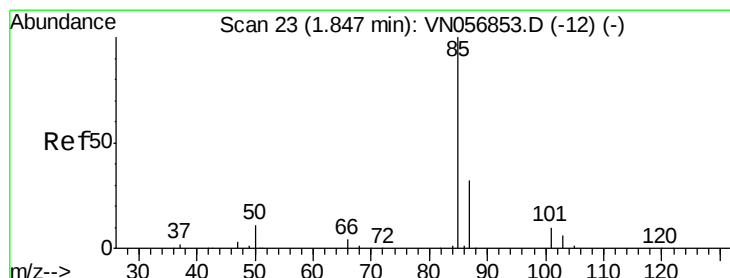
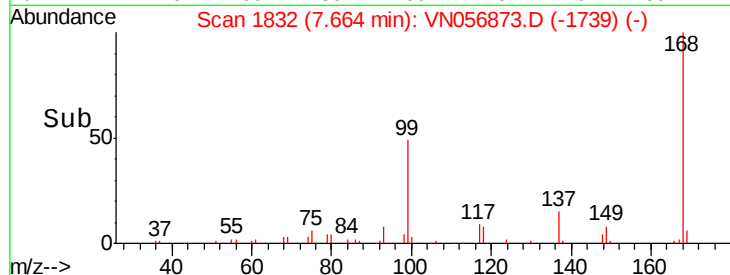
40000

20000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056873.D

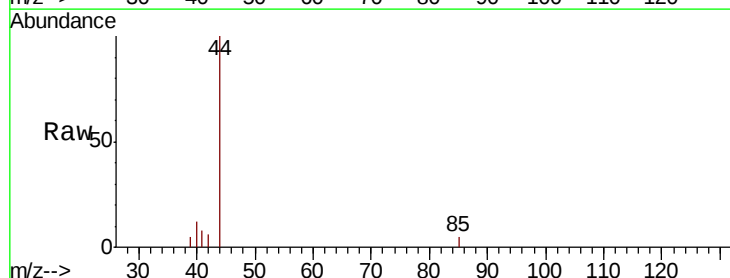
Acq: 23 Jul 2019 12:59

Tgt Ion: 85 Resp: 70

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200

150

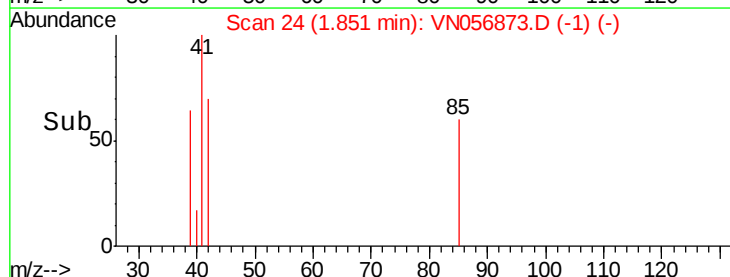
100

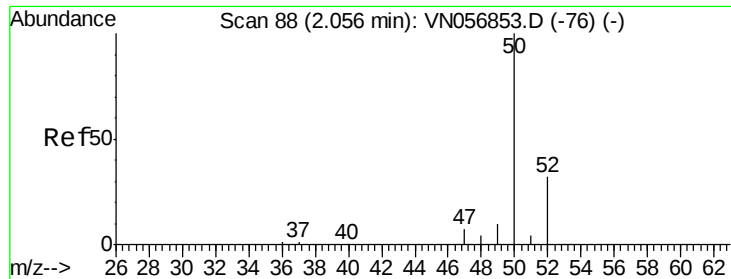
50

0

Time-->

1.84 1.85 1.86

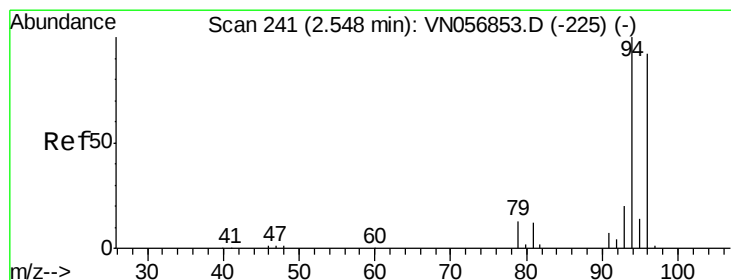
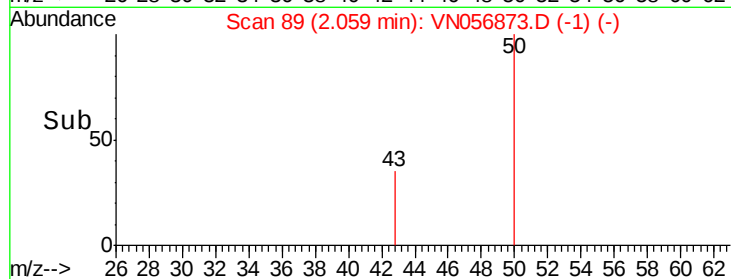
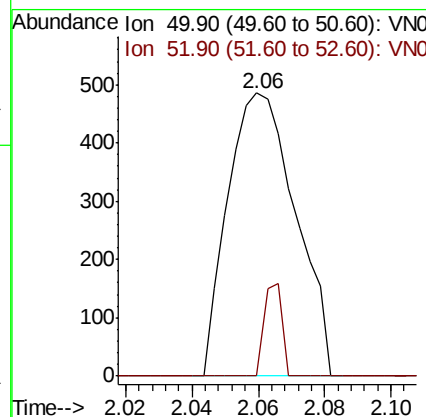
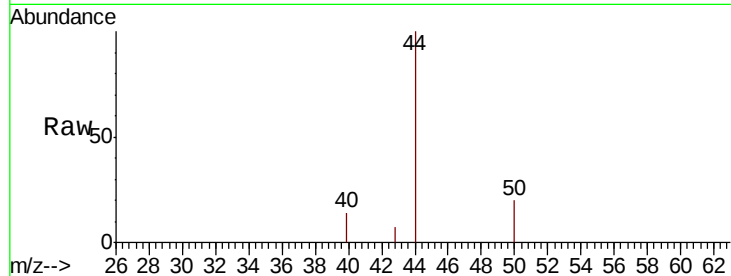




#3
 Chloromethane
 Concen: 0.204 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

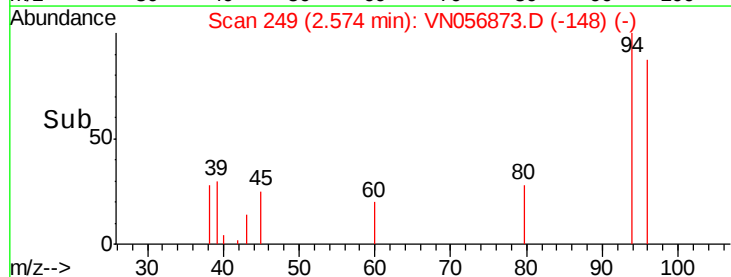
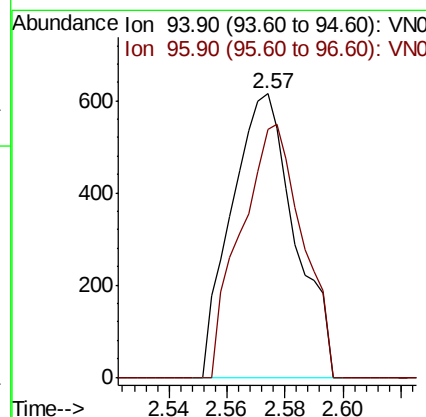
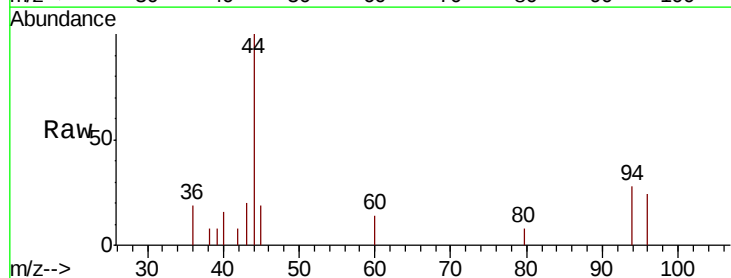
Instrument :
 MSVOA_N
 ClientSampled :
 NB-07-071919-B

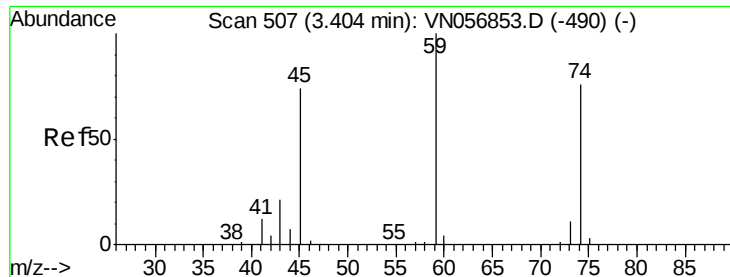
Tot Ion: 50 Resp: 692
 Ion Ratio Lower Upper
 50 100
 52 0.0 25.9 38.9#



#5
 Bromomethane
 Concen: 0.492 ug/l
 RT: 2.57 min Scan# 249
 Delta R.T. 0.03 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

Tgt Ion: 94 Resp: 931
 Ion Ratio Lower Upper
 94 100
 96 87.3 73.6 110.4





#8

Diethyl Ether

Concen: 0.217 ug/l

RT: 3.40 min Scan# 507

Delta R.T. 0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

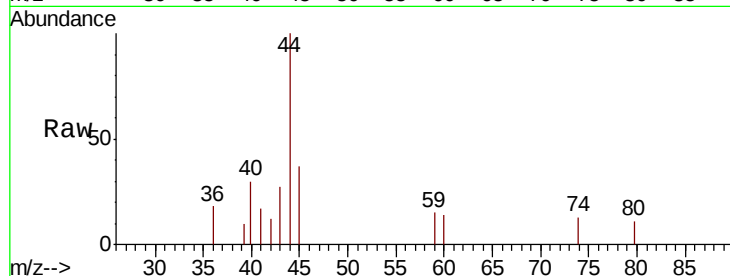
NB-07-071919-B

Tot Ion: 74 Resp: 307

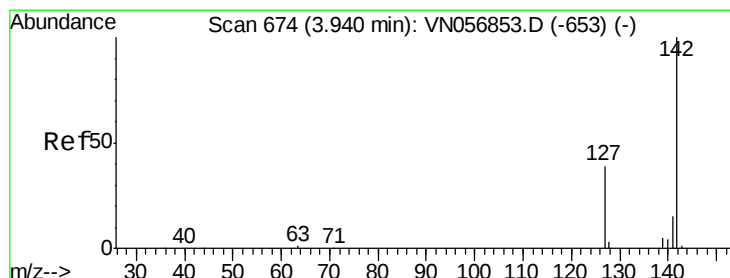
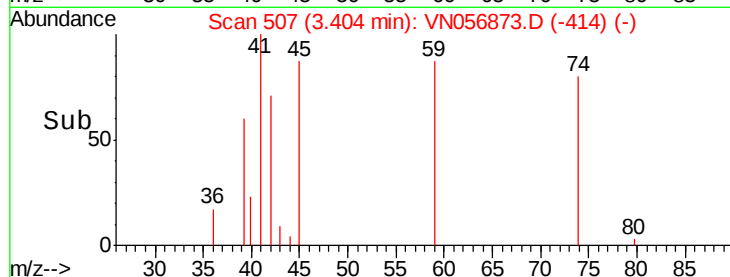
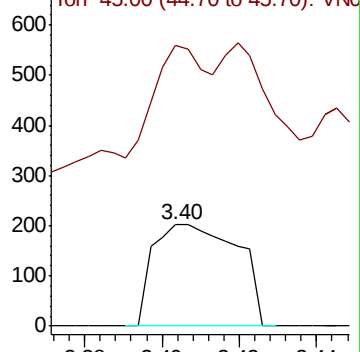
Ion Ratio Lower Upper

74 100

45 166.8 49.2 147.6#



Abundance Ion 74.00 (73.70 to 74.70): VN0



#10

Methyl Iodide

Concen: 0.322 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

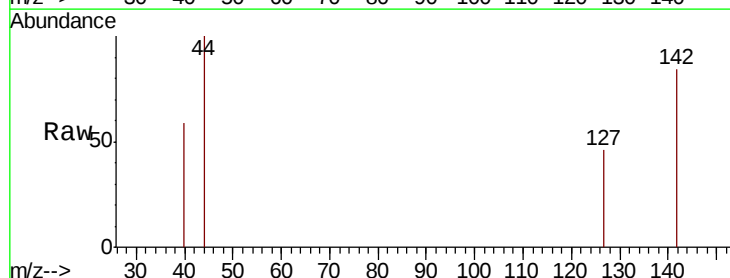
Tgt Ion: 142 Resp: 648

Ion Ratio Lower Upper

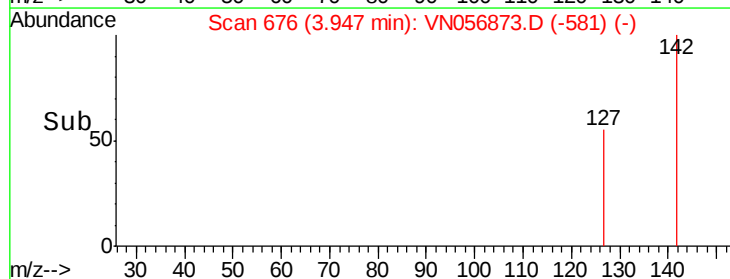
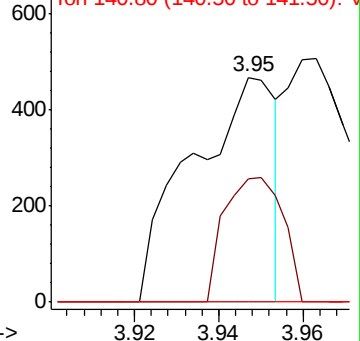
142 100

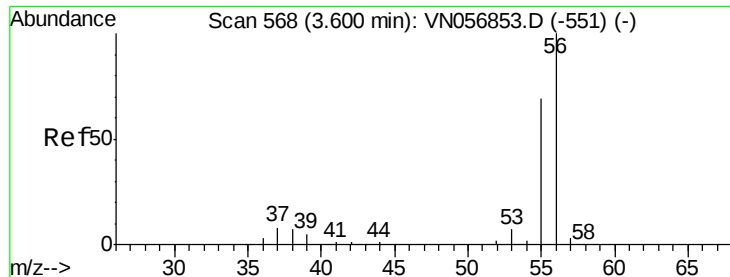
127 38.4 31.2 46.8

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V





#13

Acrolein

Concen: 0.206 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

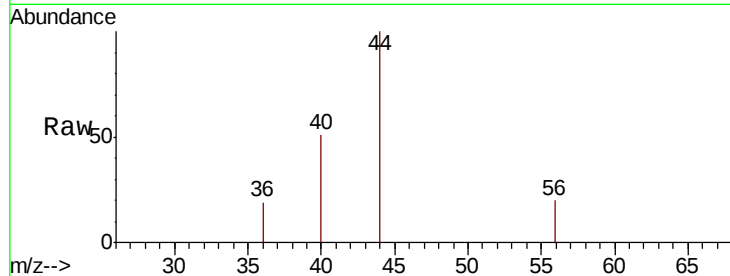
NB-07-071919-B

Tot Ion: 56 Resp: 63

Ion Ratio Lower Upper

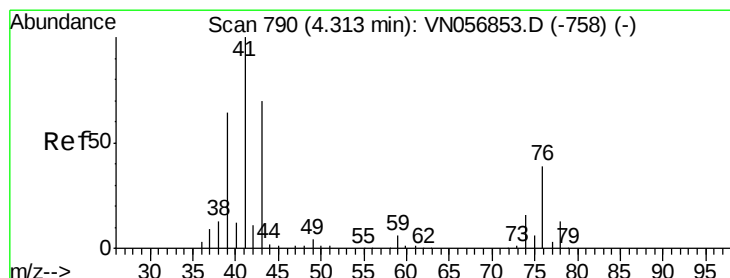
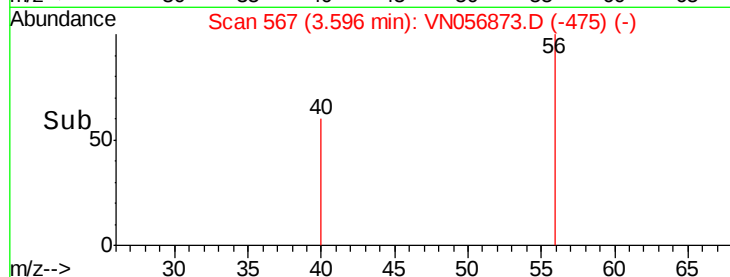
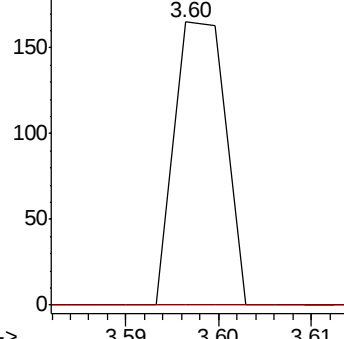
56 100

55 0.0 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.205 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.22 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

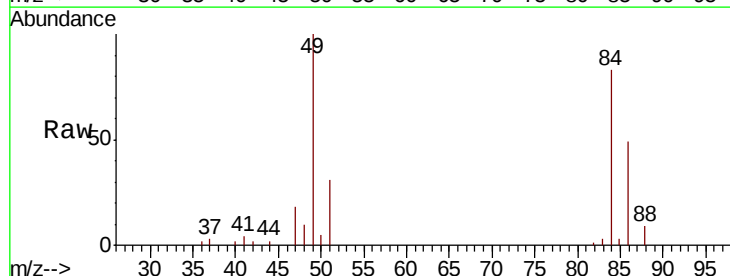
Tgt Ion: 41 Resp: 792

Ion Ratio Lower Upper

41 100

39 0.0 47.8 71.6#

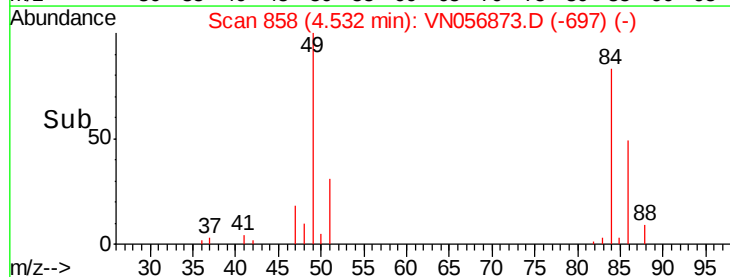
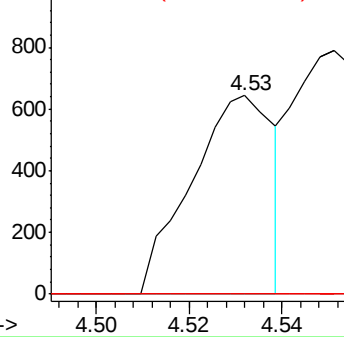
76 0.0 27.9 41.9#

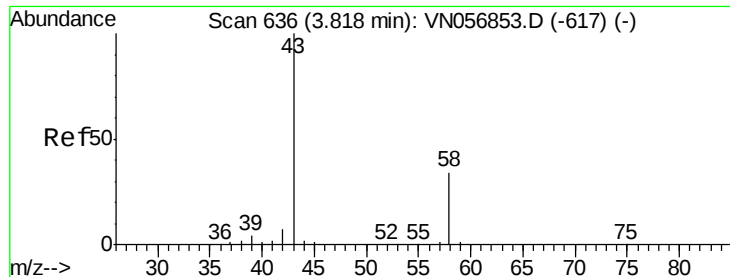


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 15.699 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

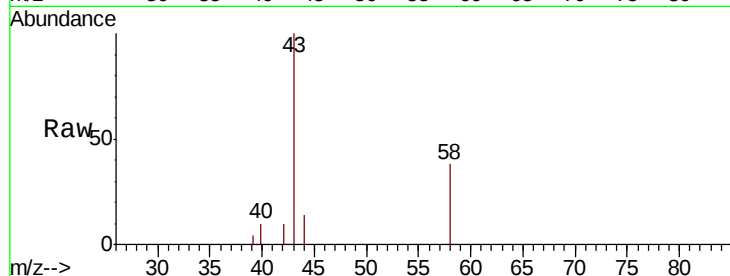
NB-07-071919-B

Tot Ion: 43 Resp: 14621

Ion Ratio Lower Upper

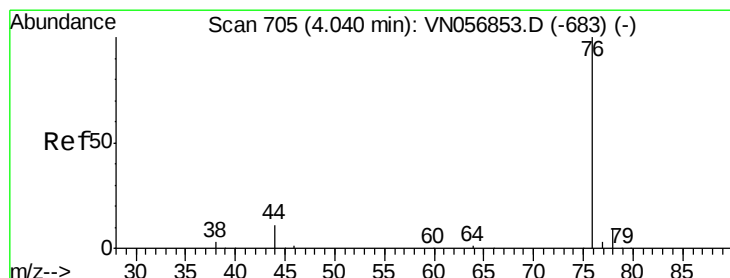
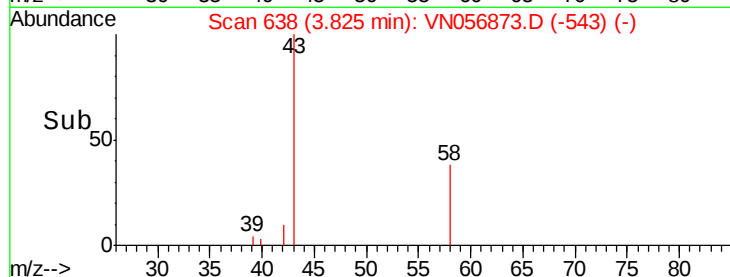
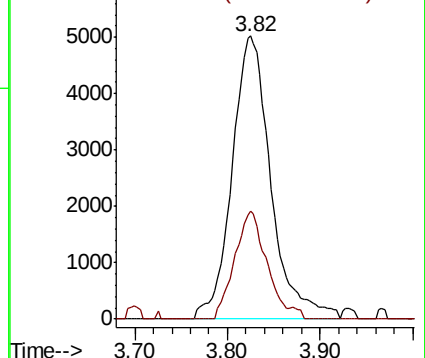
43 100

58 38.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.242 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN056873.D

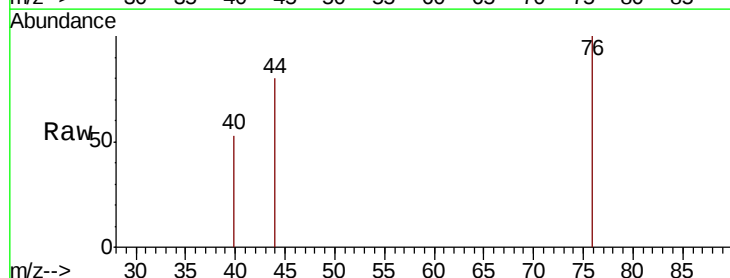
Acq: 23 Jul 2019 12:59

Tgt Ion: 76 Resp: 1551

Ion Ratio Lower Upper

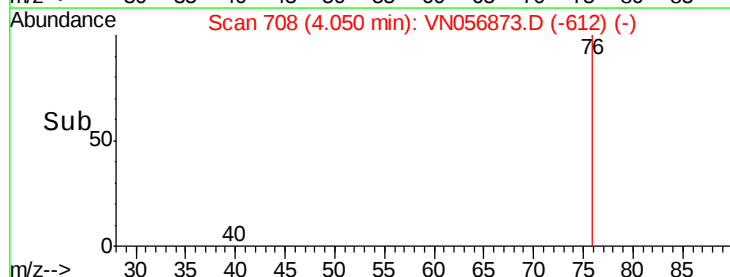
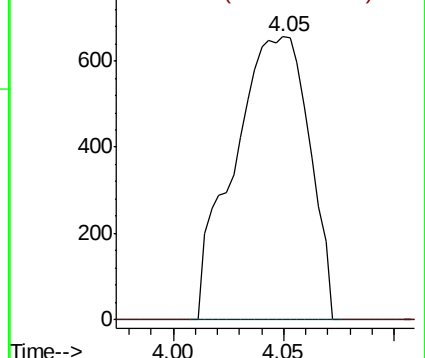
76 100

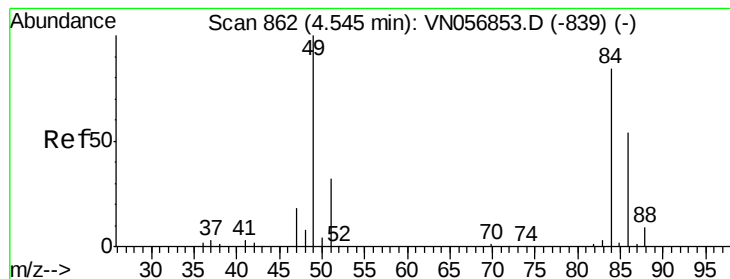
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#20

Methvlene Chloride

Concen: 22.141 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-B

Tot Ion: 84 Resp: 61660

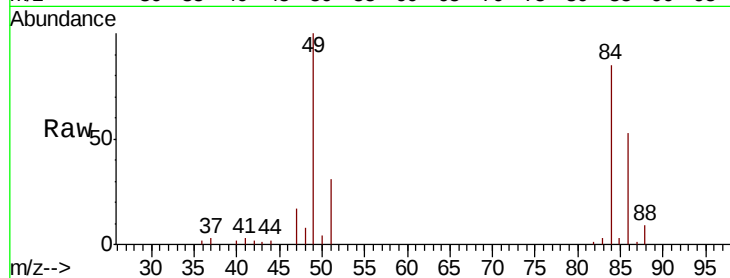
Ion Ratio Lower Upper

84 100

49 117.6 94.9 142.3

51 36.3 29.9 44.9

86 62.3 51.4 77.2

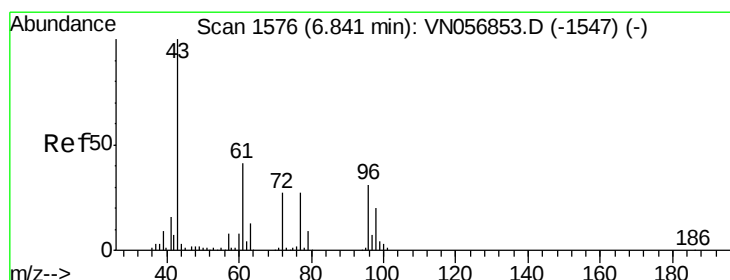
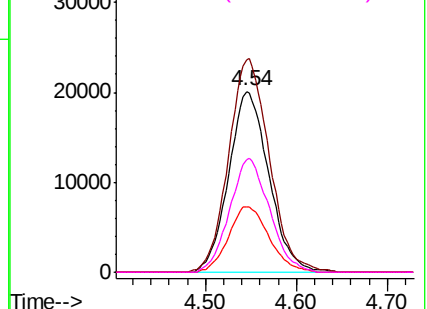
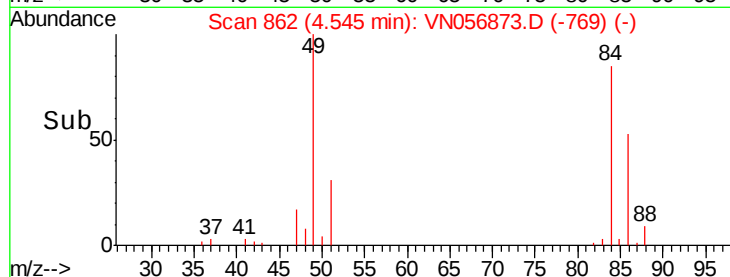


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.893 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN056873.D

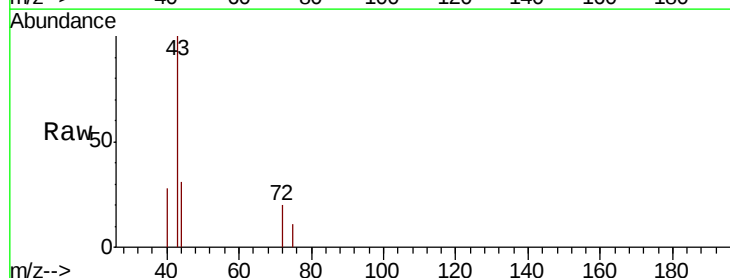
Acq: 23 Jul 2019 12:59

Tgt Ion: 43 Resp: 3960

Ion Ratio Lower Upper

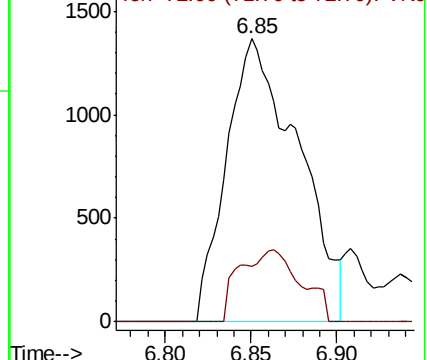
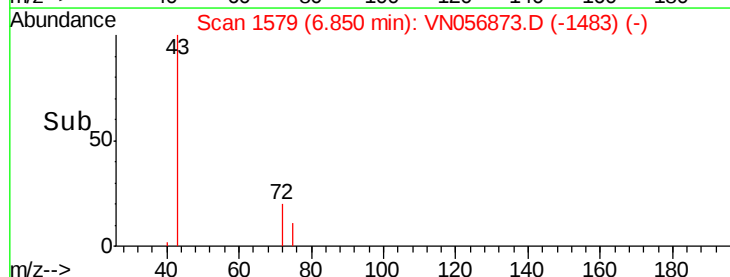
43 100

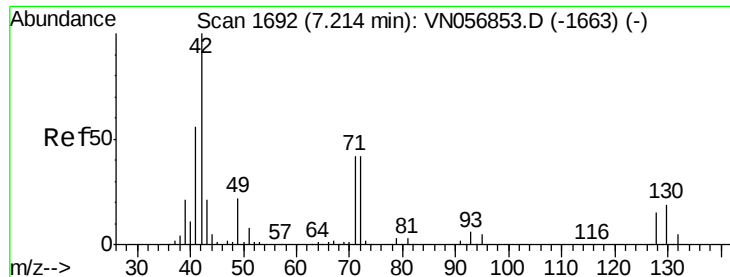
72 19.6 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

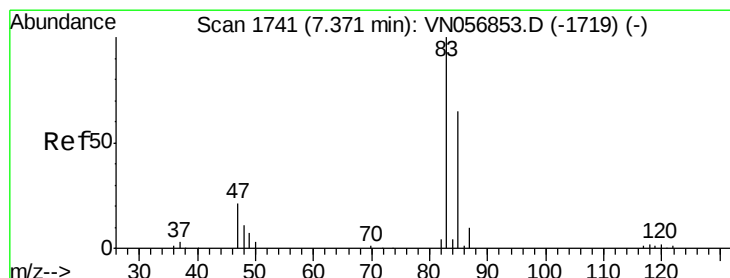
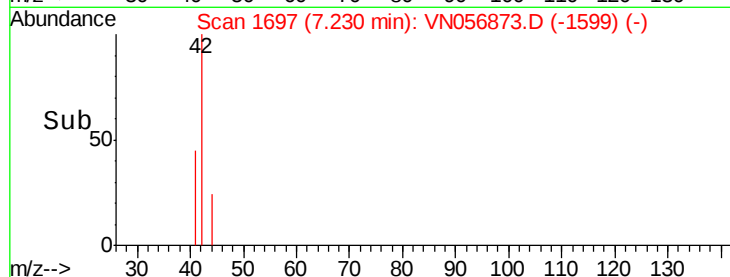
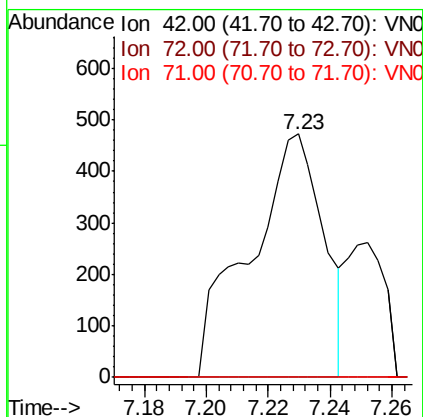
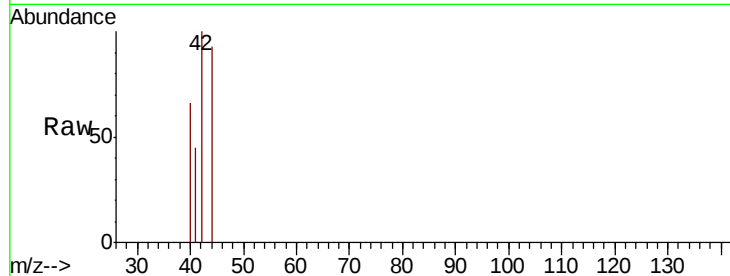




#29
Tetrahydrofuran
Concen: 0.833 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

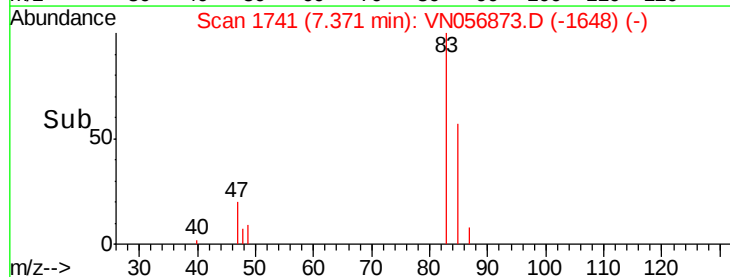
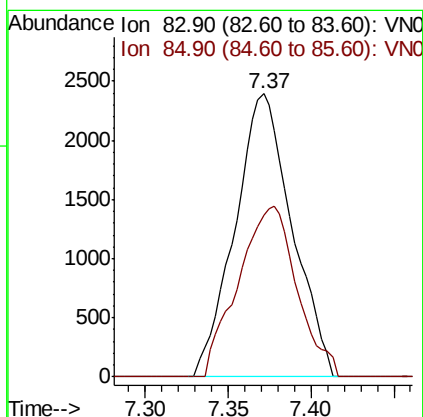
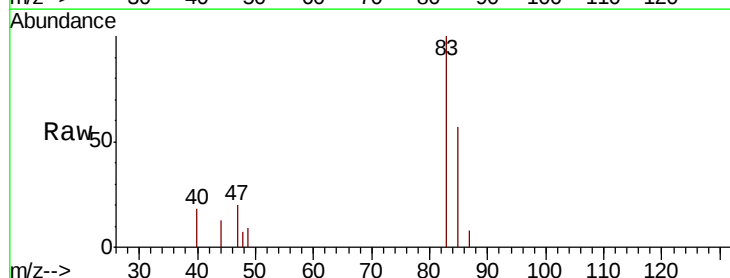
Instrument :
MSVOA_N
ClientSampleId :
NB-07-071919-B

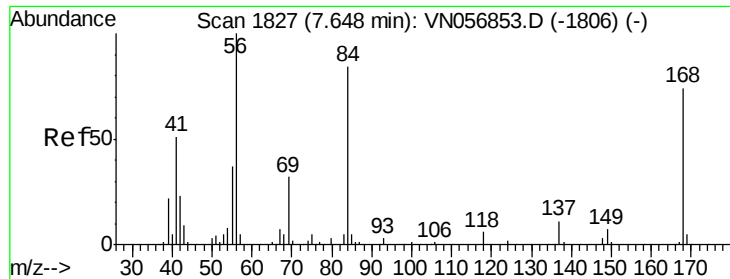
Tot Ion: 42 Resp: 784
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 0.0 32.7 49.1#



#30
Chloroform
Concen: 1.262 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Tgt Ion: 83 Resp: 5731
Ion Ratio Lower Upper
83 100
85 56.9 52.3 78.5

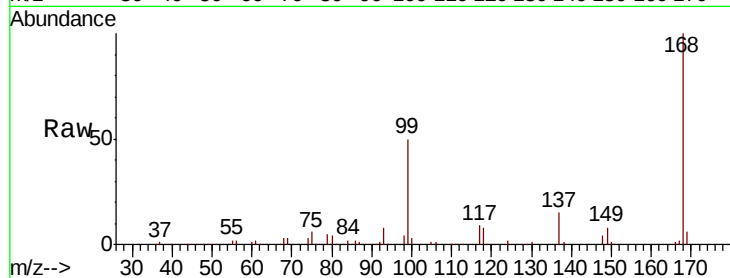




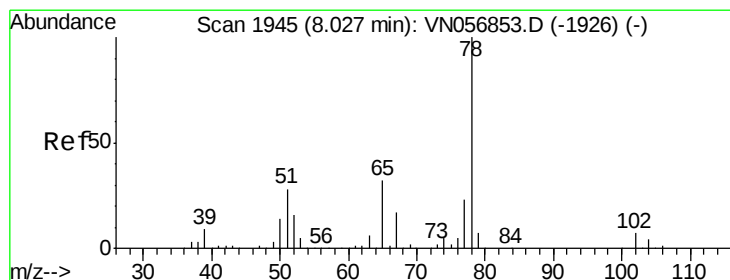
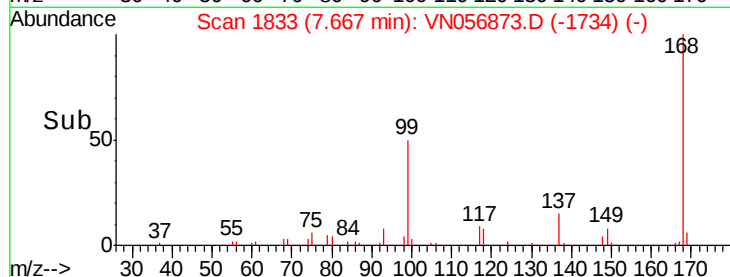
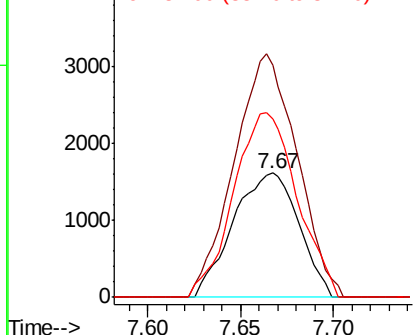
#31
Cyclohexane
Concen: 0.899 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Instrument :
MSVOA_N
ClientSampleId :
NB-07-071919-B

Tot Ion: 56 Resp: 3953
Ion Ratio Lower Upper
56 100
69 186.2 25.5 38.3#
84 143.7 67.3 100.9#

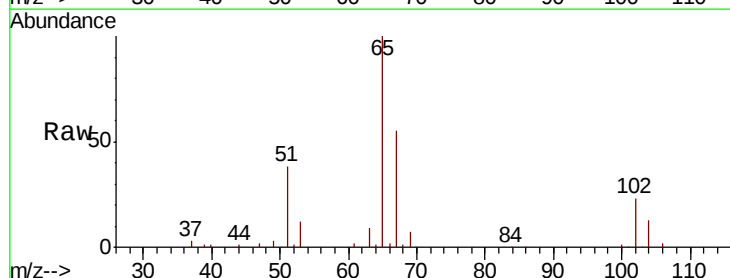


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

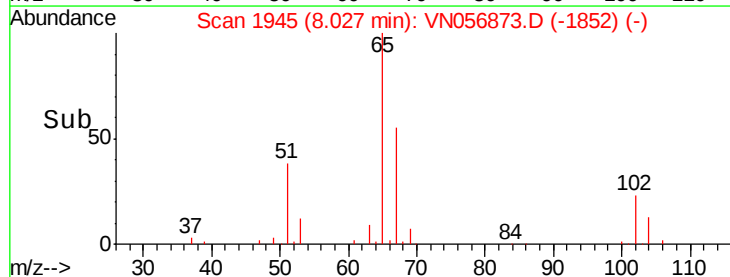
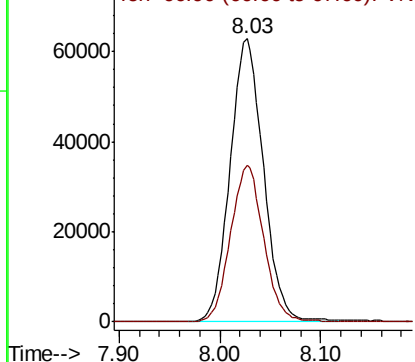


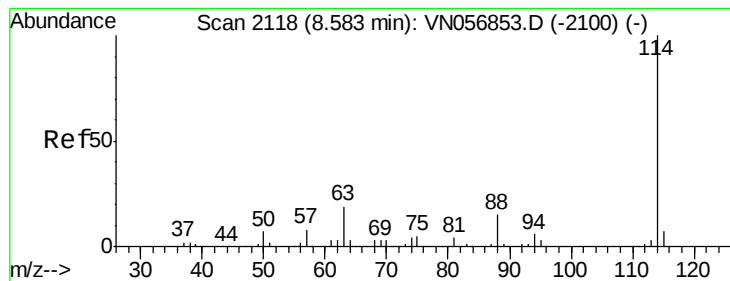
#33
1,2-Dichloroethane-d4
Concen: 55.917 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Tgt Ion: 65 Resp: 144617
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-B

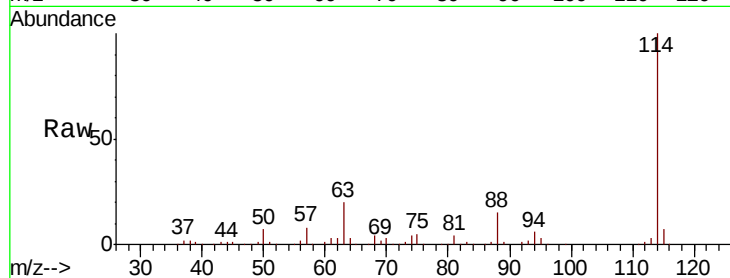
Tot Ion:114 Resp: 448622

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

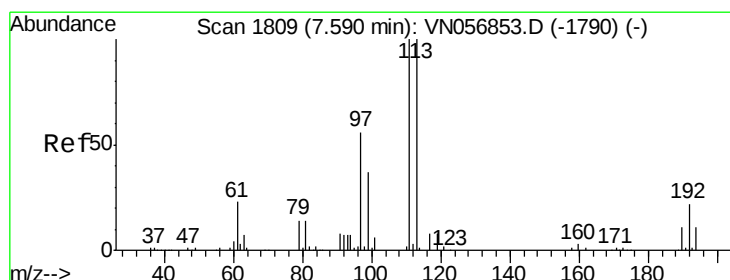
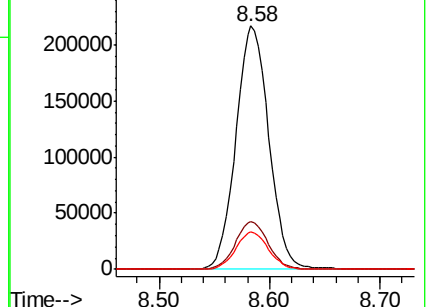
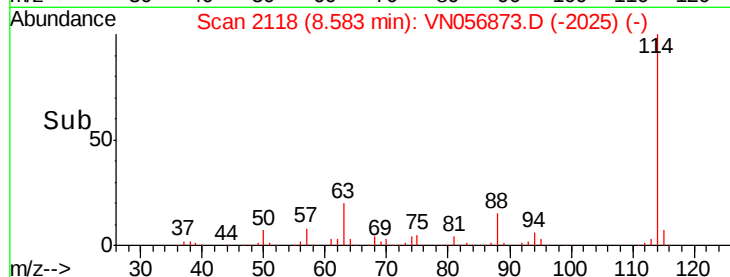
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.573 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

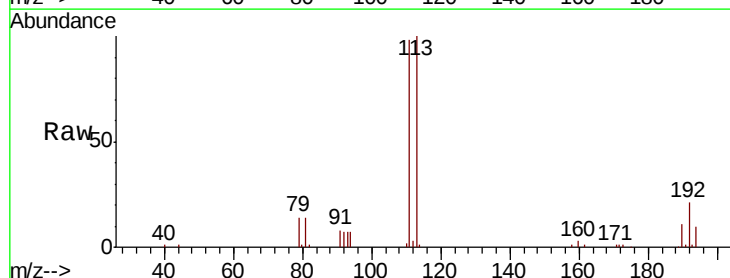
Tgt Ion:113 Resp: 138117

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

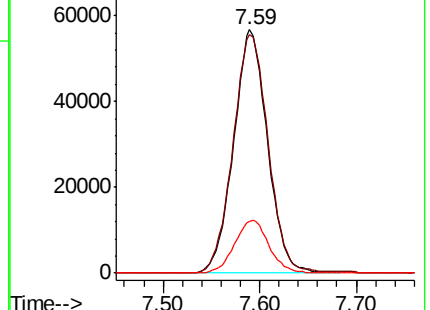
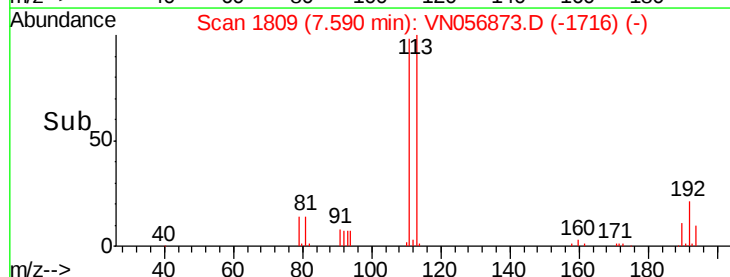
192 21.9 18.5 27.7

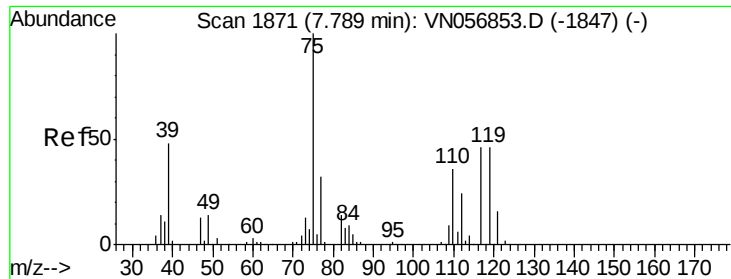


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

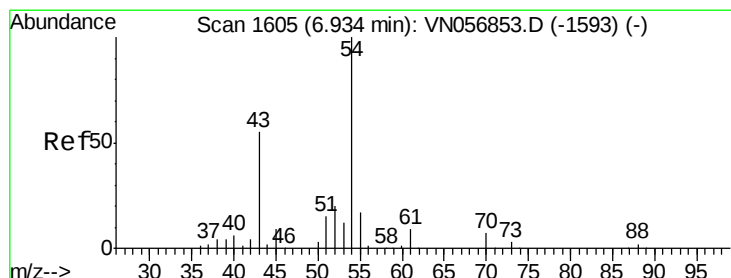
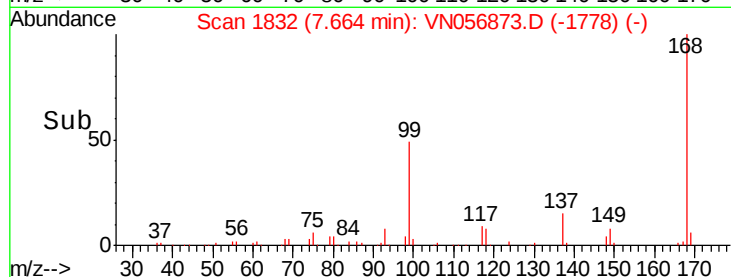
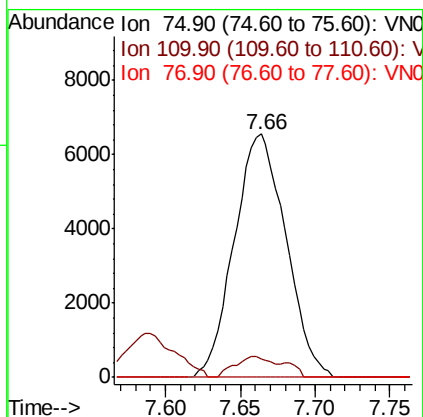
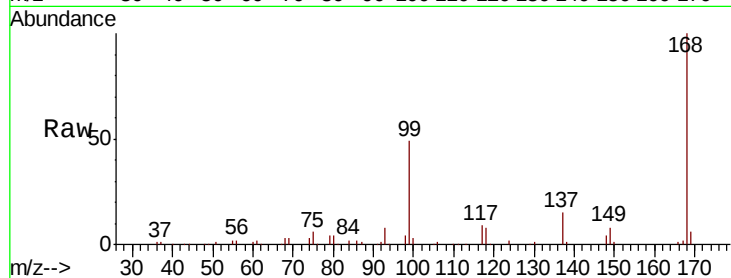




#36
 1,1-Dichloropropene
 Concen: 3.808 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

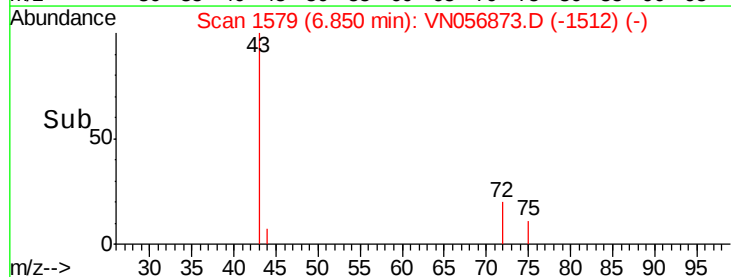
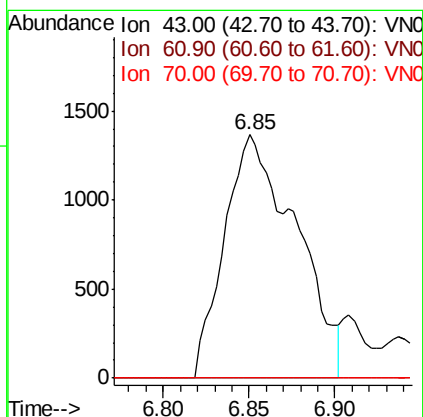
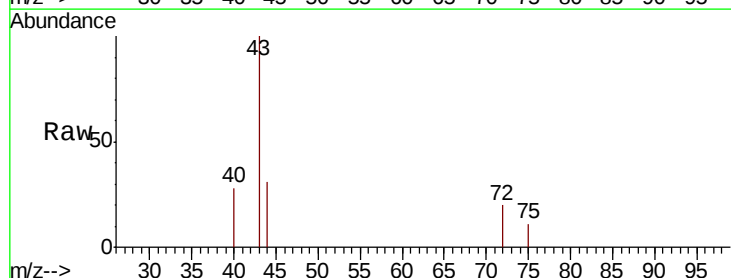
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-071919-B

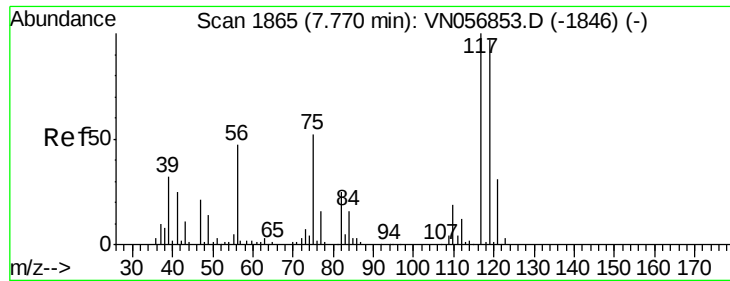
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.4	17.9	53.7#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 1.187 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. -0.08 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.6	13.0#

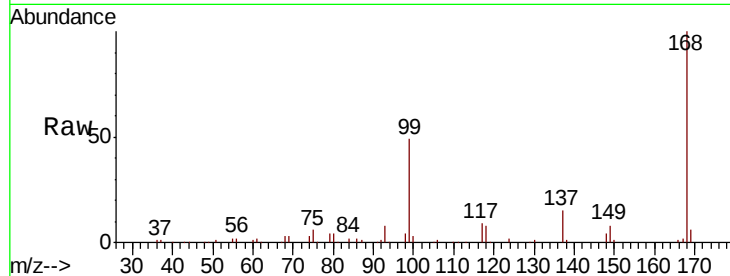




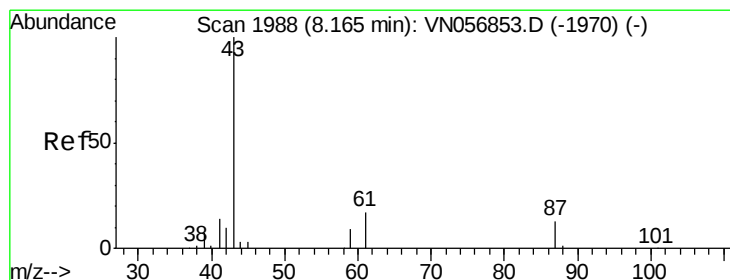
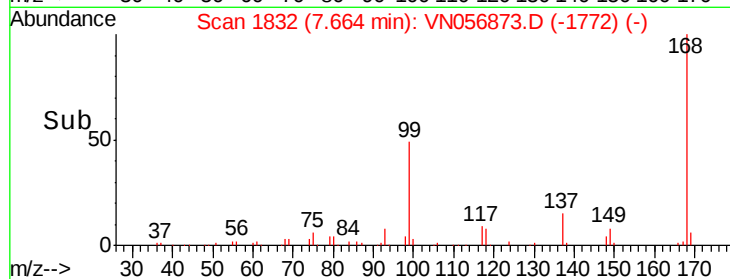
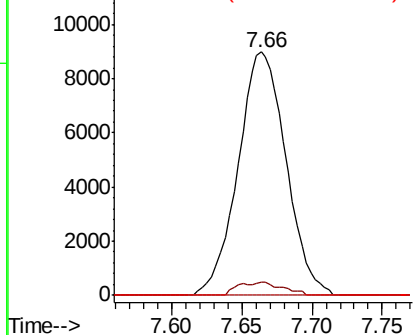
#38
Carbon Tetrachloride
Concen: 5.417 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Instrument :
MSVOA_N
ClientSampleId :
NB-07-071919-B

Tot Ion:117 Resp: 21333
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 24.5 36.7#

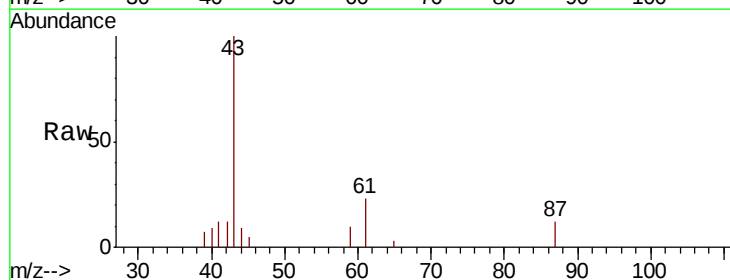


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

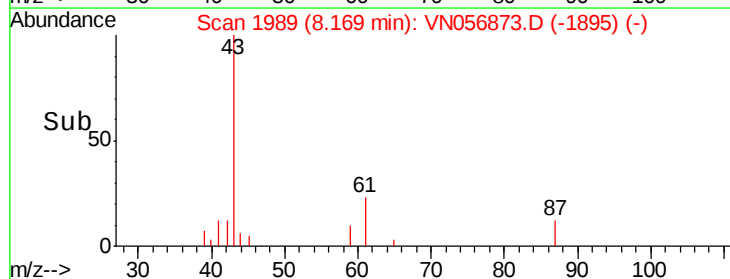
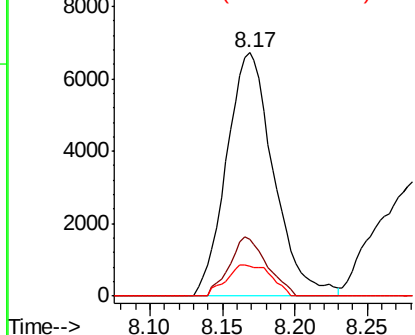


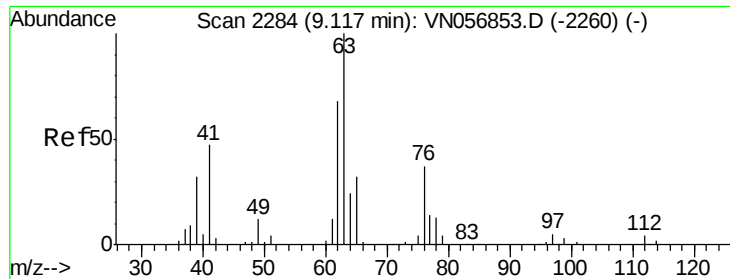
#43
Isopropyl Acetate
Concen: 2.639 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Tgt Ion: 43 Resp: 15134
Ion Ratio Lower Upper
43 100
61 19.2 17.8 26.6
87 12.0 11.0 16.4



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





#45

1,2-Dichloropropane

Concen: 0.386 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

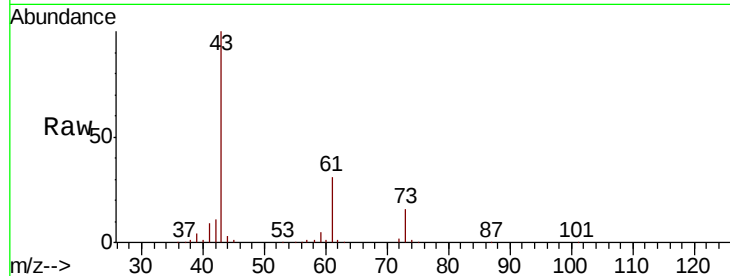
NB-07-071919-B

Tot Ion: 63 Resp: 1335

Ion Ratio Lower Upper

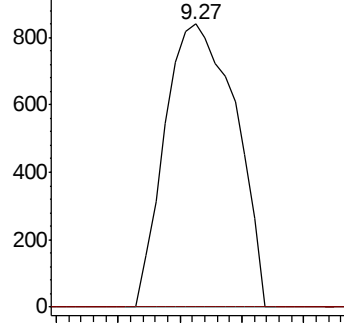
63 100

65 0.0 25.4 38.0#

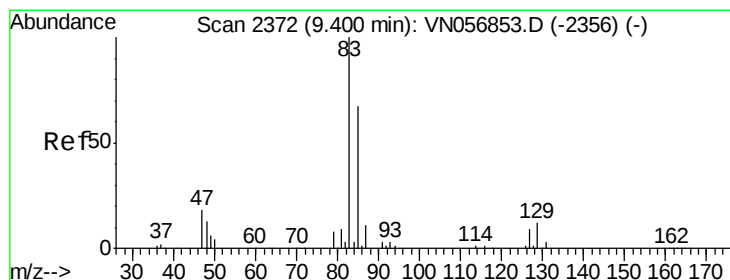
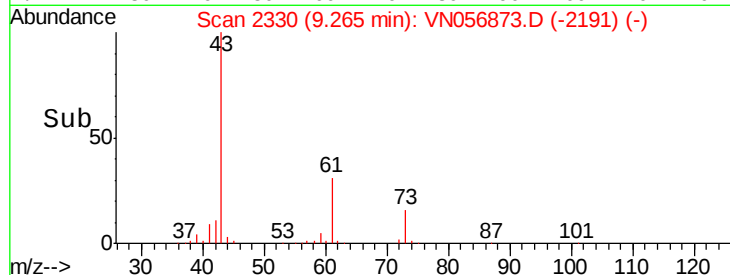


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



Time--> 9.22 9.24 9.26 9.28 9.30



#47

Bromodichloromethane

Concen: 0.290 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

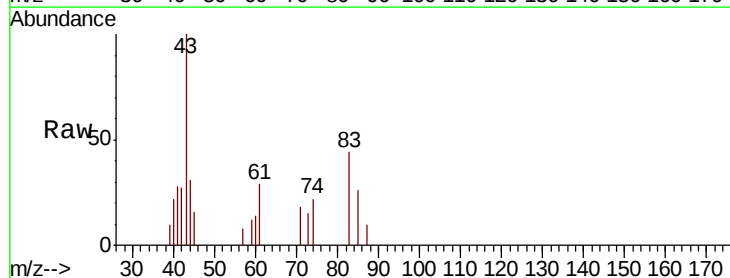
Tgt Ion: 83 Resp: 1164

Ion Ratio Lower Upper

83 100

85 58.4 53.4 80.2

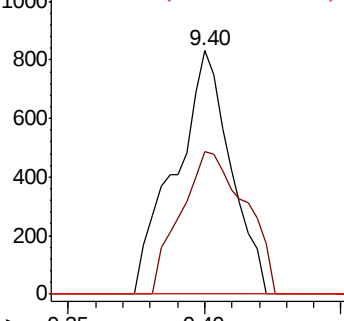
127 0.0 7.2 10.8#



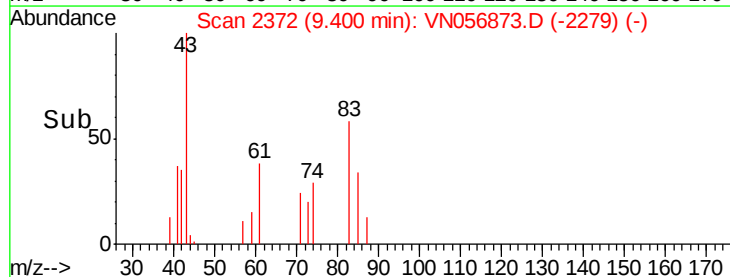
Abundance Ion 82.90 (82.60 to 83.60): VN0

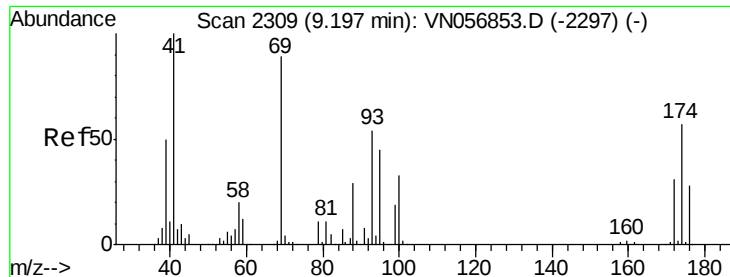
Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



Time--> 9.35 9.40

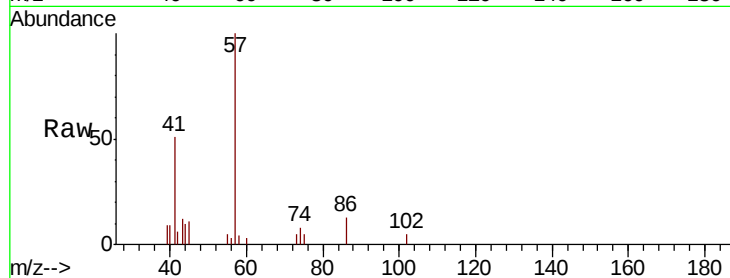




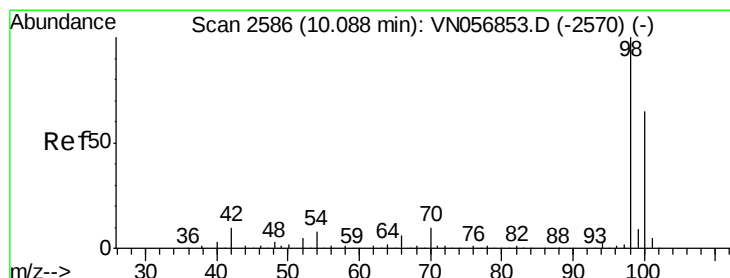
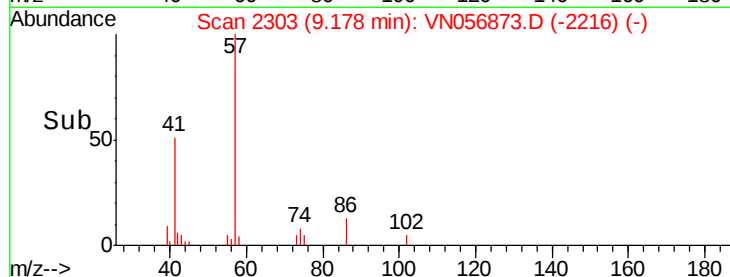
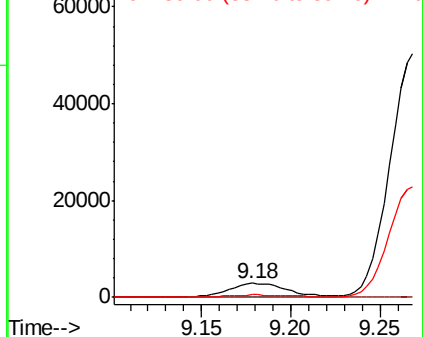
#48
Methvl methacrylate
Concen: 2.351 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Instrument :
MSVOA_N
ClientSampleId :
NB-07-071919-B

Tot Ion: 41 Resp: 6746
Ion Ratio Lower Upper
41 100
69 0.0 71.1 106.7#
39 0.0 40.6 60.8#

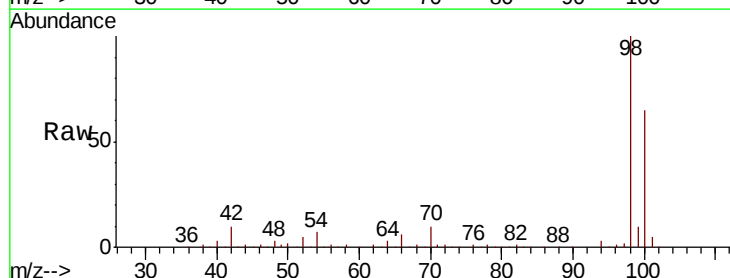


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

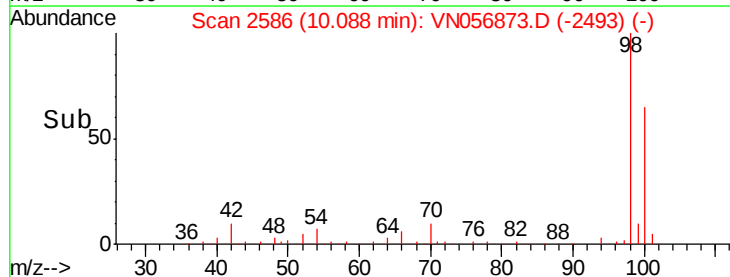
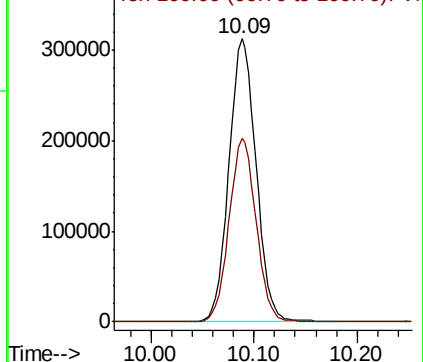


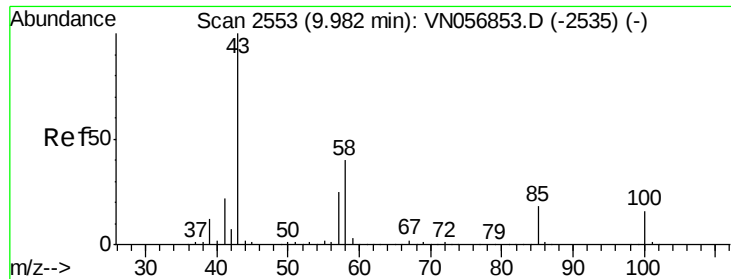
#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Tgt Ion: 98 Resp: 573936
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



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: 0.993 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

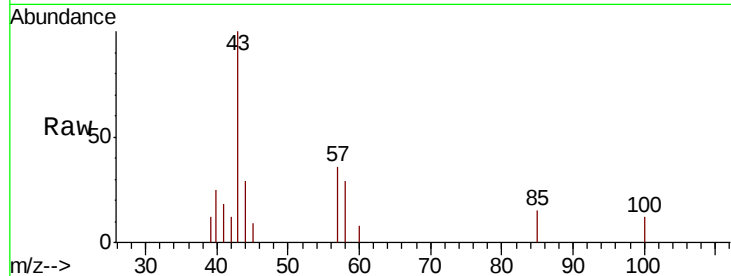
NB-07-071919-B

Tot Ion: 43 Resp: 3396

Ion Ratio Lower Upper

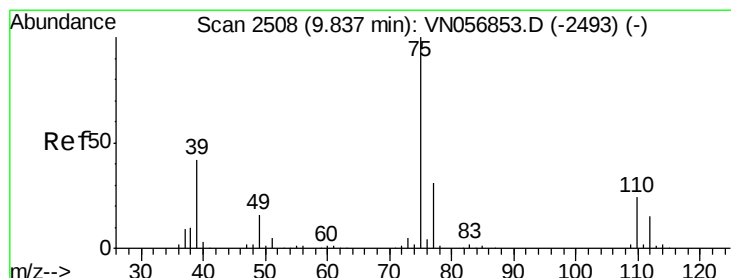
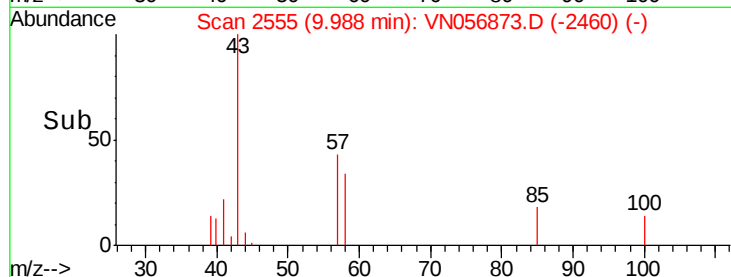
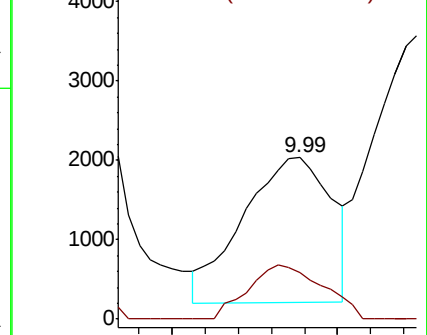
43 100

58 31.7 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.845 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

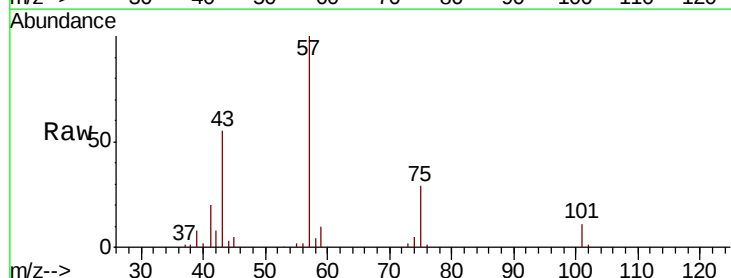
Tgt Ion: 75 Resp: 38143

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

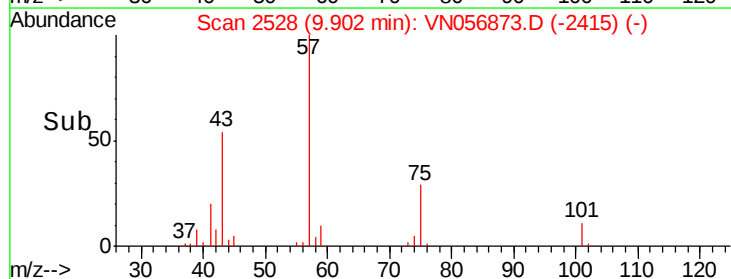
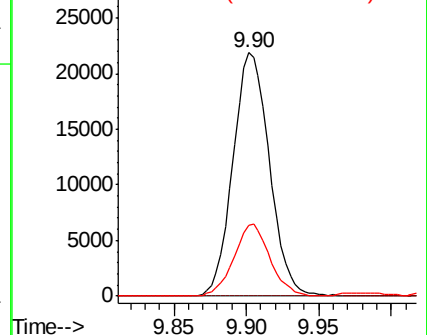
39 28.9 33.4 50.2#

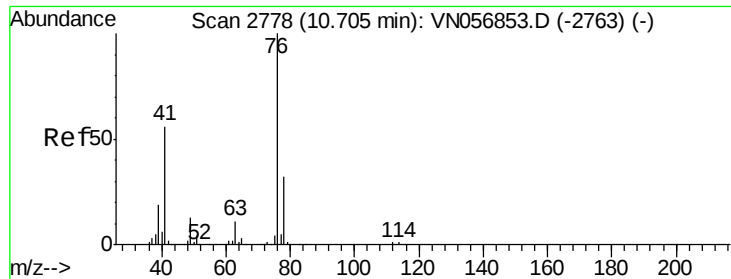


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

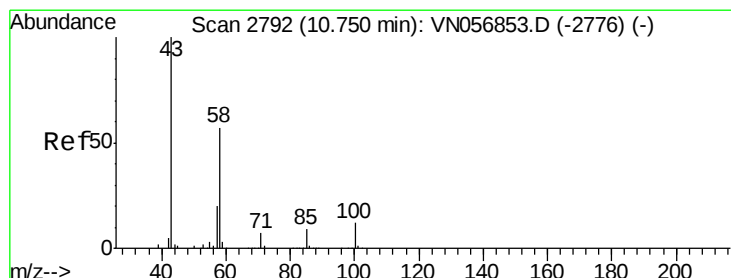
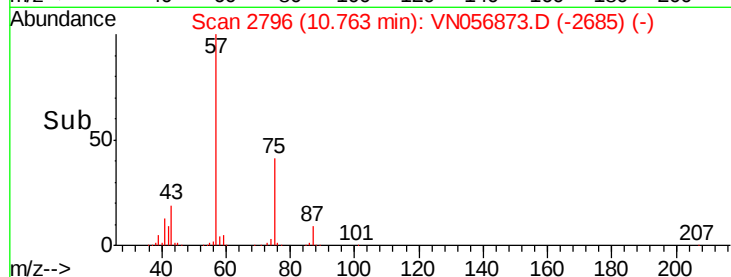
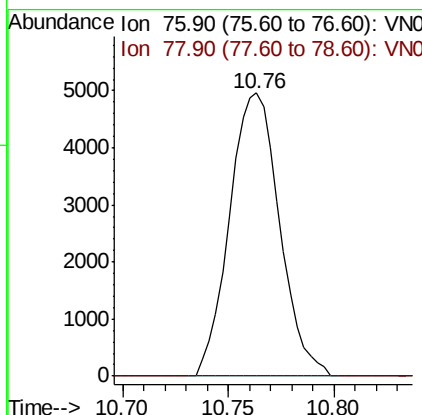
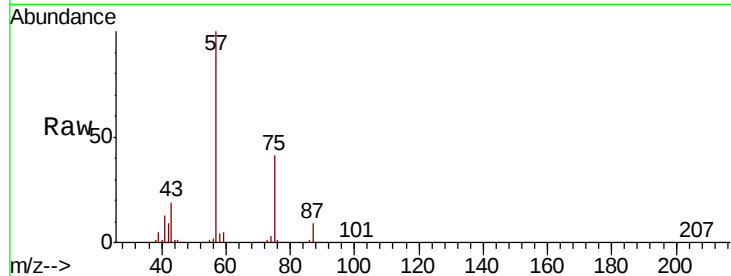




#57
 1,3-Dichloropropane
 Concen: 1.606 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

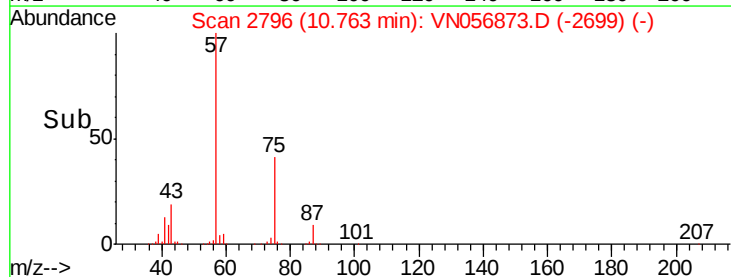
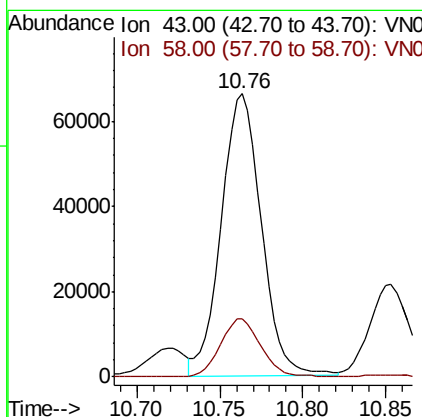
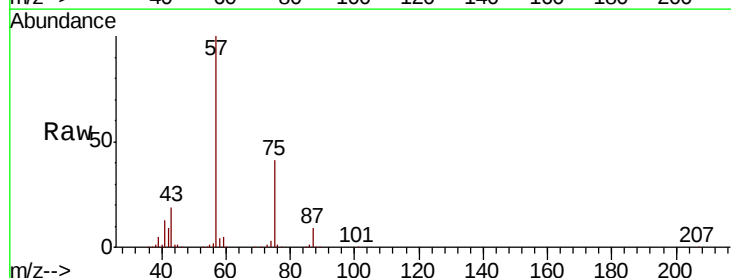
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-071919-B

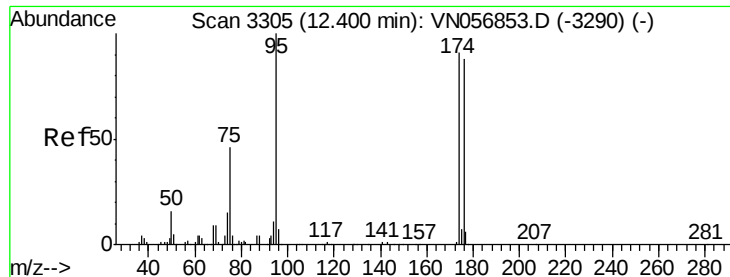
Tot Ion: 76 Resp: 8157
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 47.133 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

Tgt Ion: 43 Resp: 111586
 Ion Ratio Lower Upper
 43 100
 58 20.9 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: 59.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-B

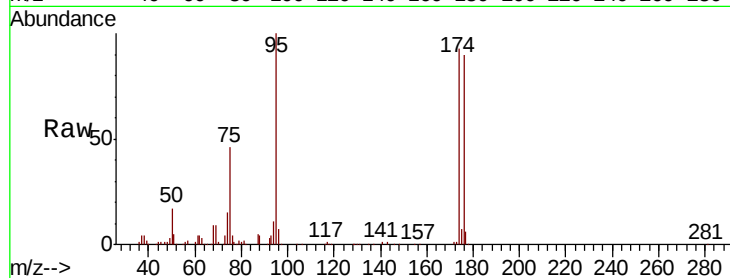
Tot Ion: 95 Resp: 211114

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.4

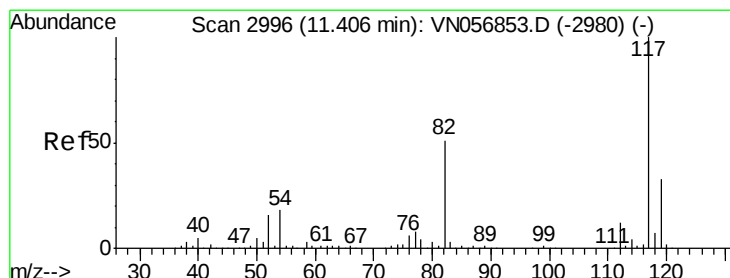
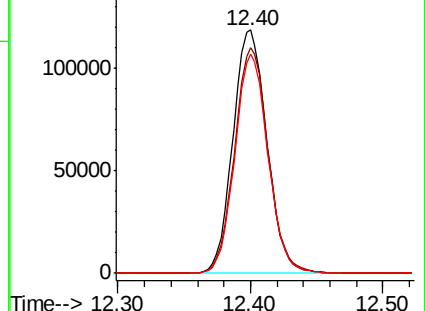
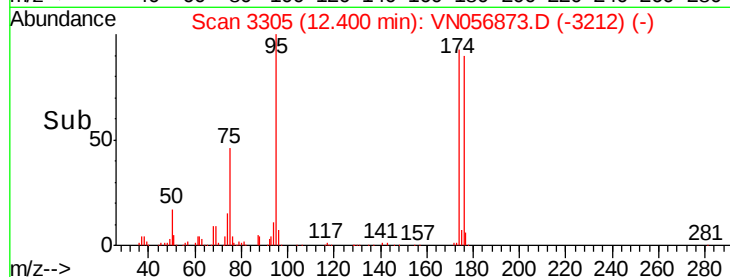
176 87.9 0.0 175.8



Abundance Ion 94.90 (94.60 to 95.60): VN056873.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056873.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056873.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

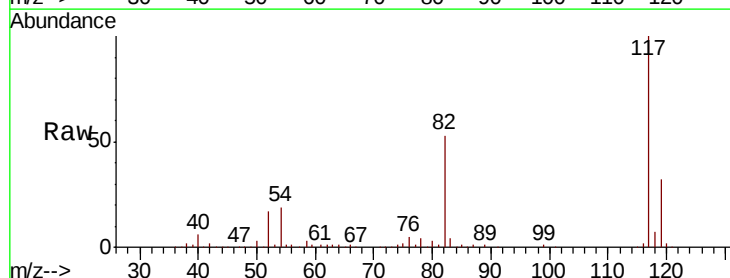
Tgt Ion: 117 Resp: 499926

Ion Ratio Lower Upper

117 100

82 53.5 41.2 61.8

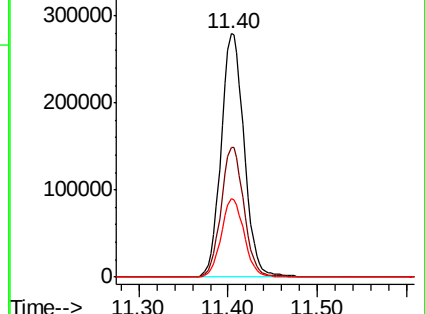
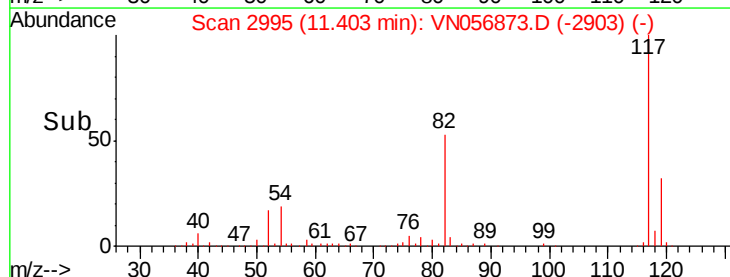
119 32.2 26.4 39.6

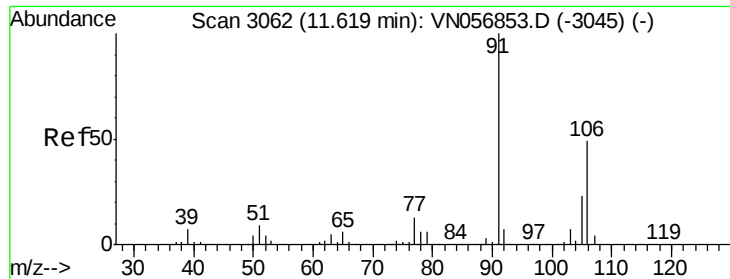


Abundance Ion 116.90 (116.60 to 117.60): VN056873.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056873.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056873.D (-2903) (-)

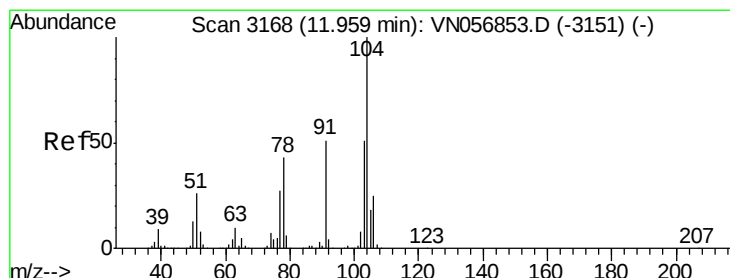
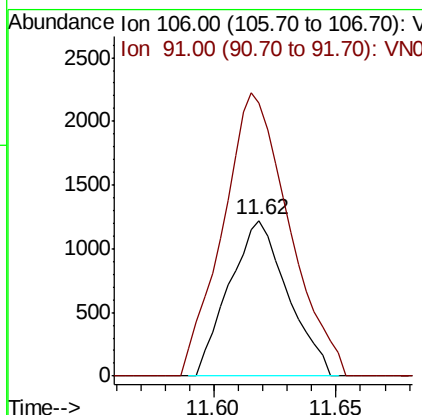
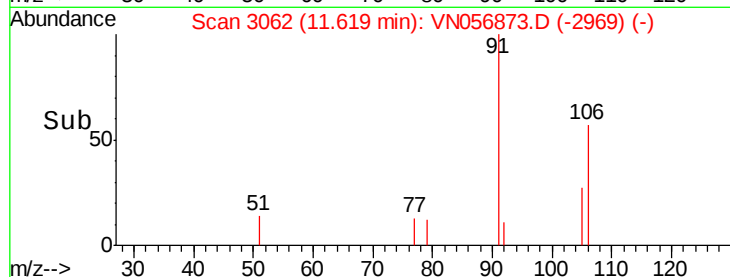
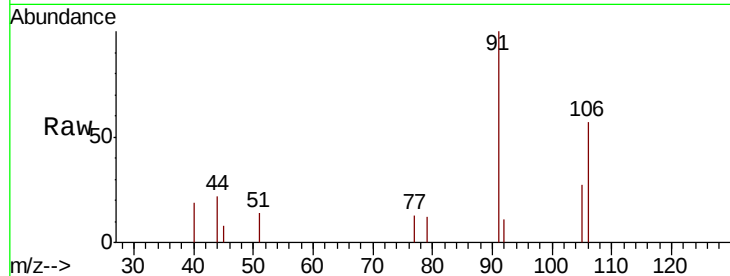




#68
m/p-Xvlenes
Concen: 0.302 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

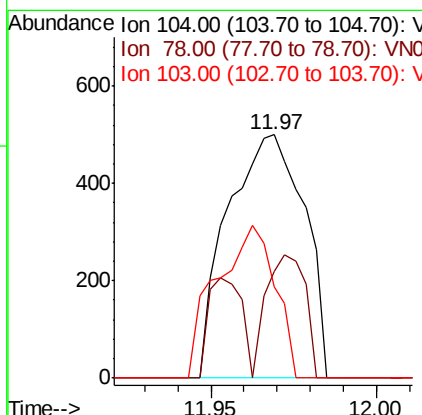
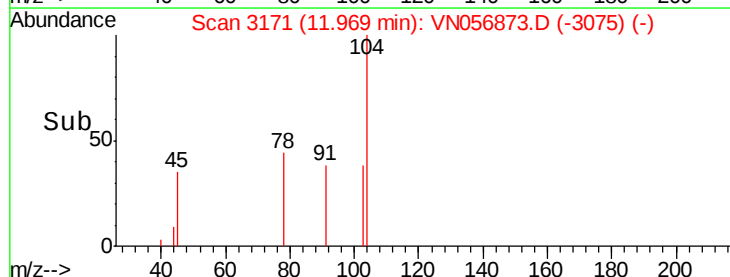
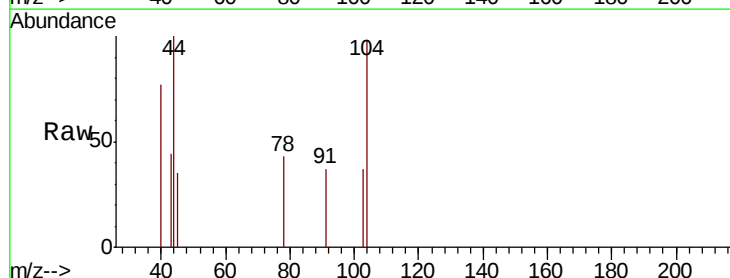
Instrument :
MSVOA_N
ClientSampleId :
NB-07-071919-B

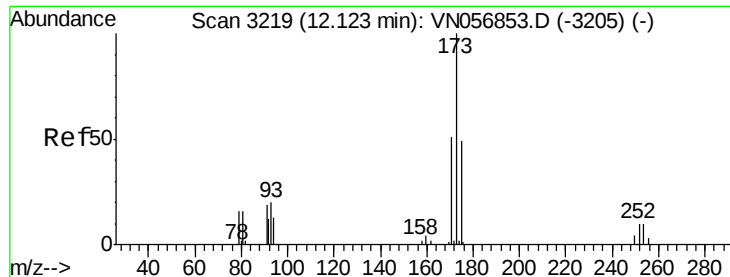
Tot Ion:106 Resp: 2027
Ion Ratio Lower Upper
106 100
91 206.5 160.5 240.7



#70
Styrene
Concen: 0.588 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.01 min
Lab File: VN056873.D
Acq: 23 Jul 2019 12:59

Tgt Ion:104 Resp: 803
Ion Ratio Lower Upper
104 100
78 25.8 38.1 57.1#
103 47.9 44.2 66.4





#71

Bromoform

Concen: 0.544 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-B

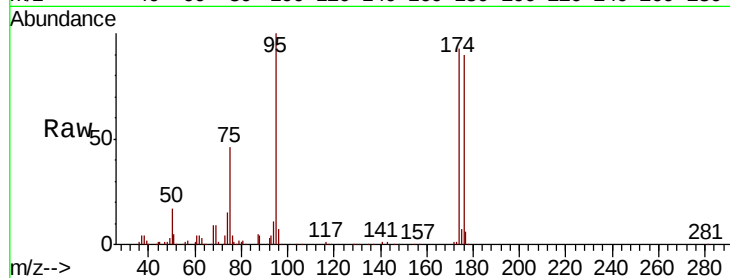
Tot Ion:173 Resp: 1476

Ion Ratio Lower Upper

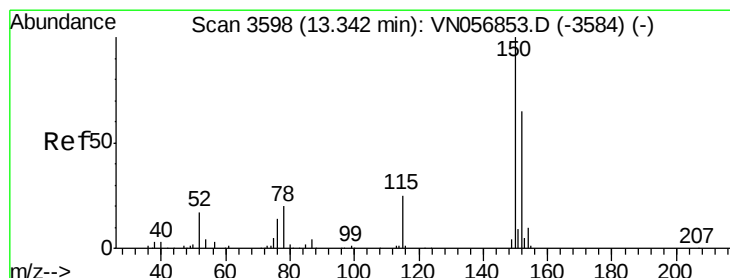
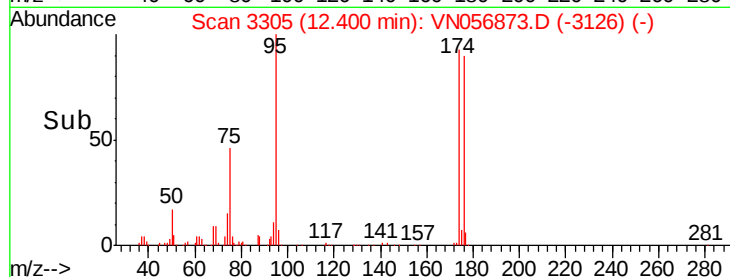
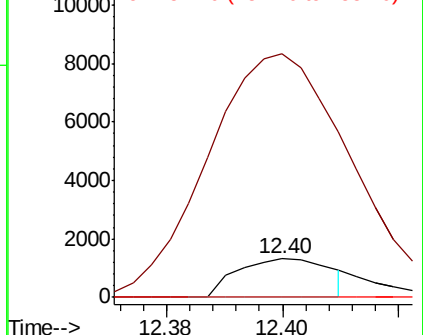
173 100

175 815.7 24.1 72.3#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

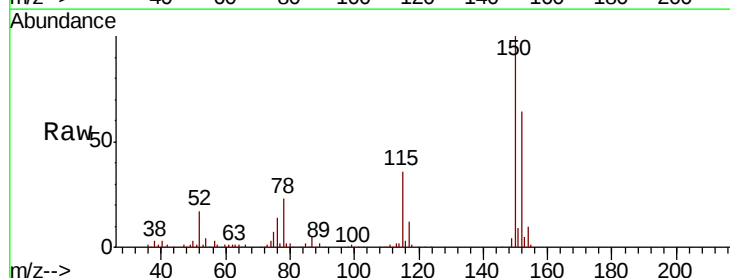
Tgt Ion:152 Resp: 174097

Ion Ratio Lower Upper

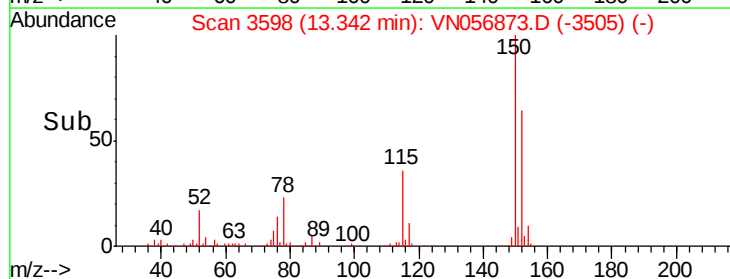
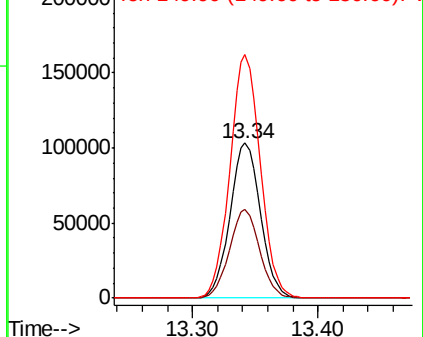
152 100

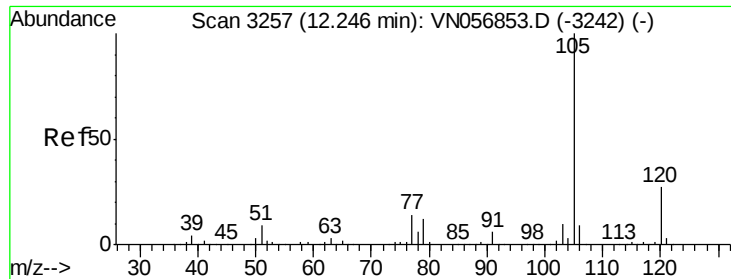
115 56.5 27.6 82.7

150 156.6 0.0 343.0



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

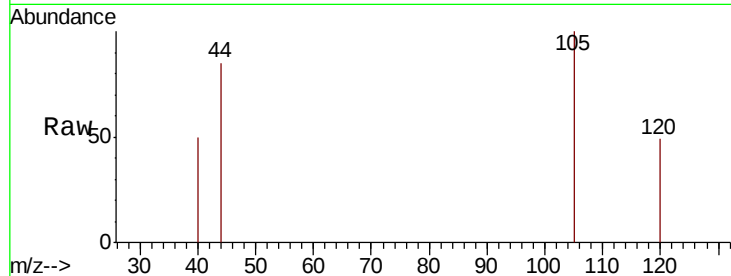
NB-07-071919-B

Tot Ion: 105 Resp: 1036

Ion Ratio Lower Upper

105 100

120 34.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800

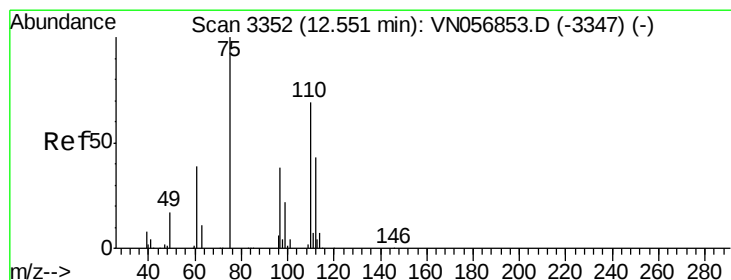
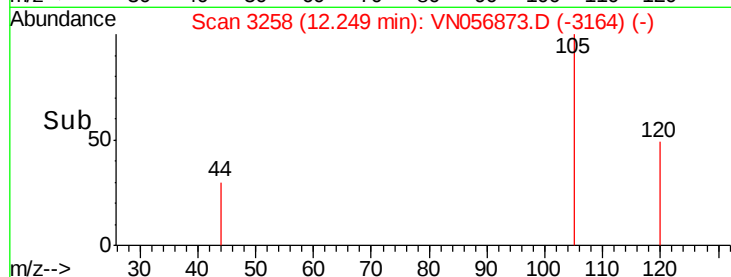
600

400

200

0

Time--> 12.20 12.25



#76

1,2,3-Trichloropropane

Concen: 26.834 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056873.D

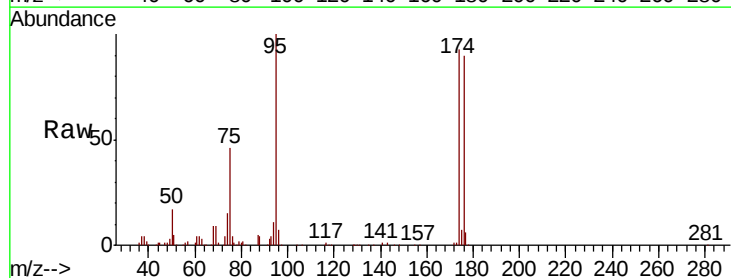
Acq: 23 Jul 2019 12:59

Tgt Ion: 75 Resp: 96819

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

60000

50000

40000

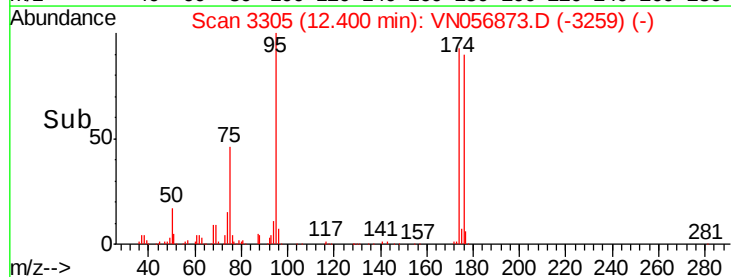
30000

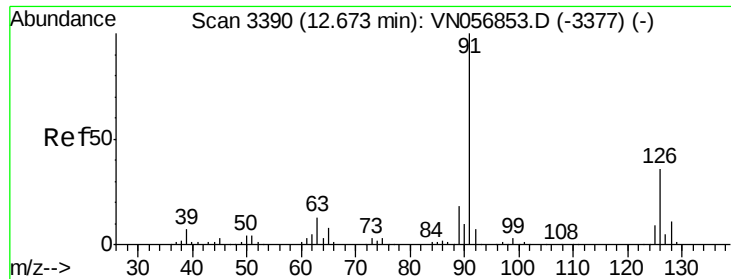
20000

10000

0

Time--> 12.35 12.40 12.45





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

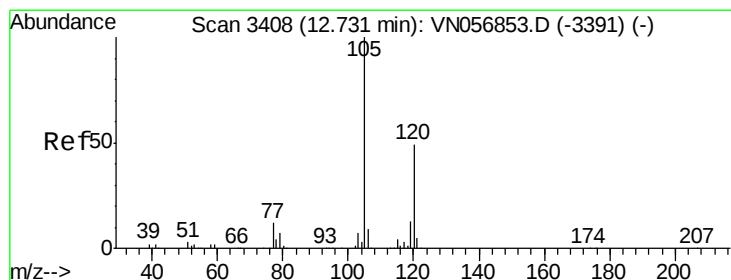
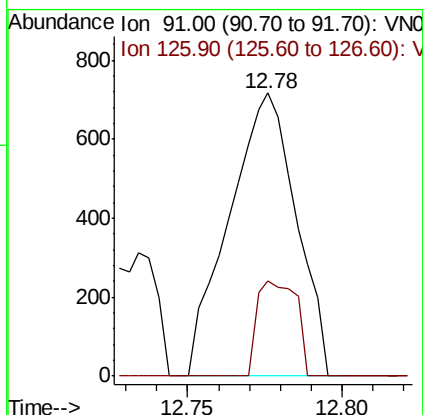
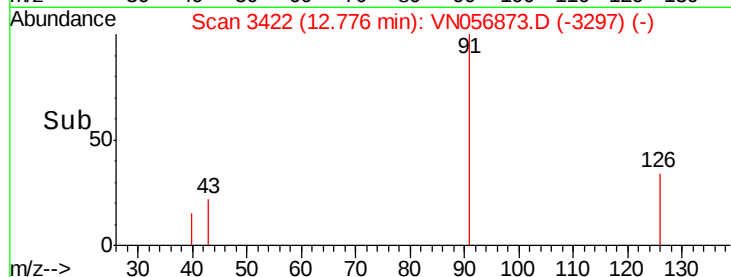
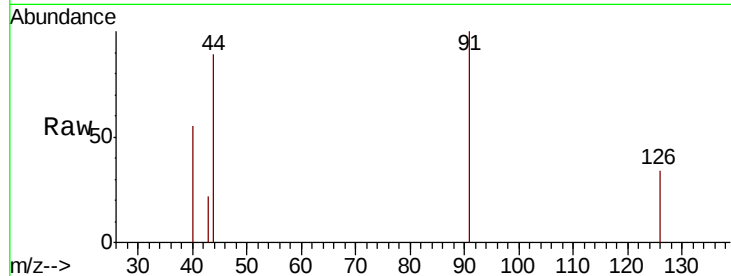
NB-07-071919-B

Tot Ion: 91 Resp: 1080

Ion Ratio Lower Upper

91 100

126 19.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056873.D

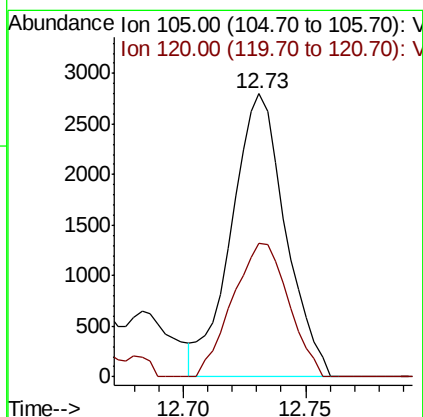
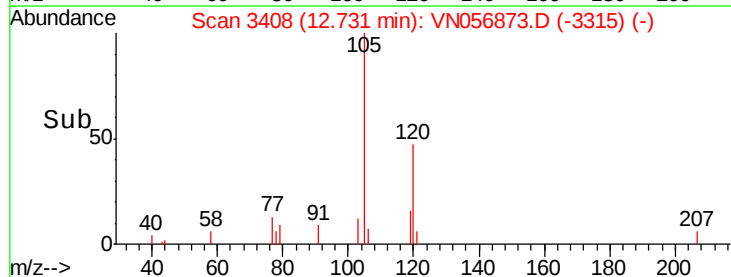
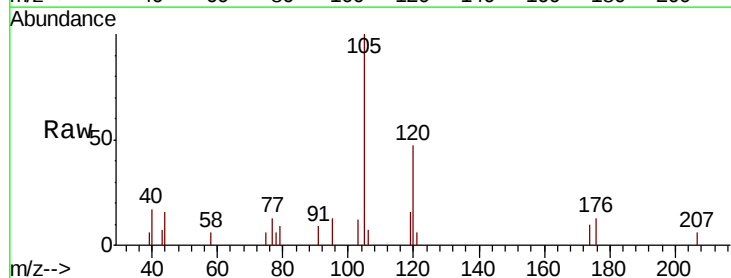
Acq: 23 Jul 2019 12:59

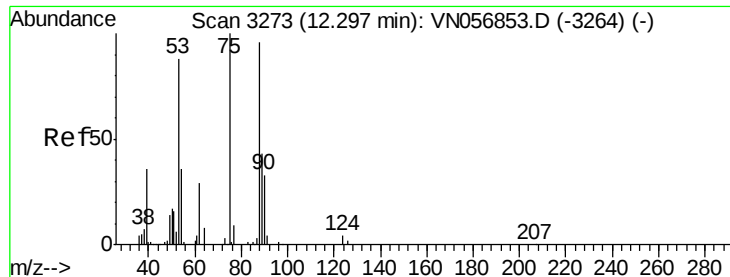
Tgt Ion: 105 Resp: 4302

Ion Ratio Lower Upper

105 100

120 48.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 85.946 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampled :

NB-07-071919-B

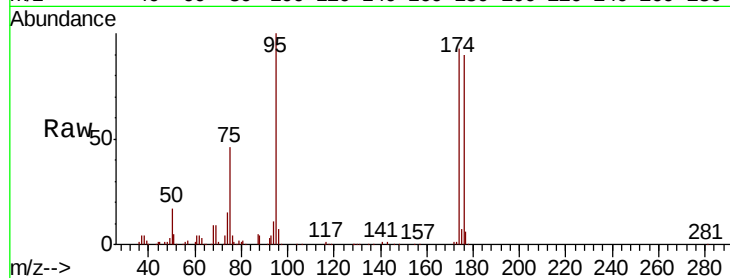
Tot Ion: 75 Resp: 96819

Ion Ratio Lower Upper

75 100

53 0.0 72.3 108.5#

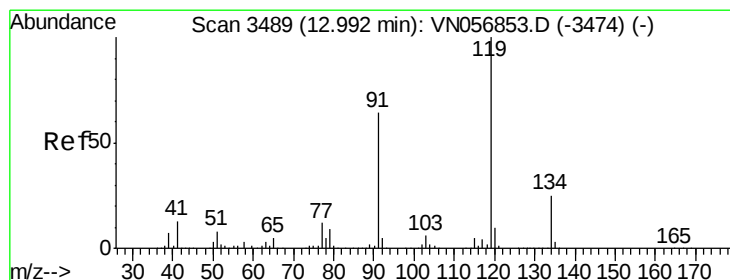
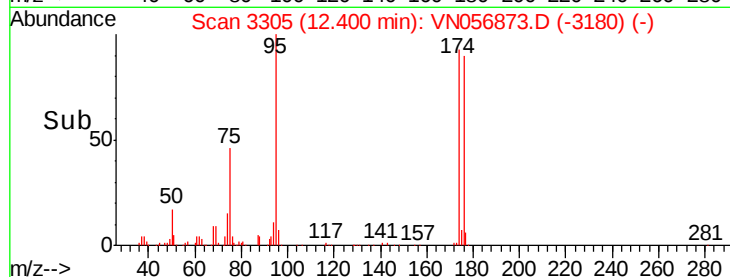
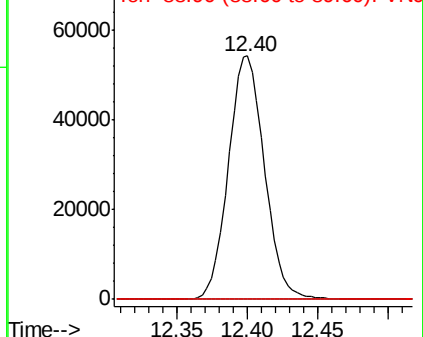
89 0.0 36.2 54.4#



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



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

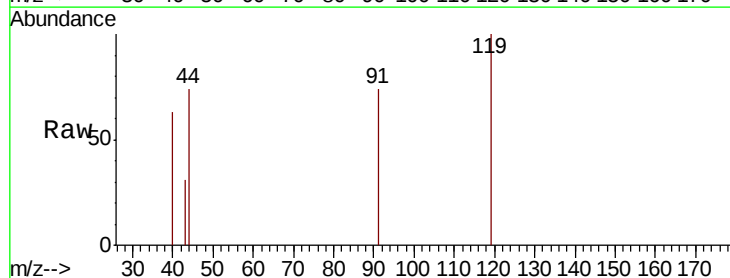
Tgt Ion: 119 Resp: 702

Ion Ratio Lower Upper

119 100

91 71.2 31.5 94.5

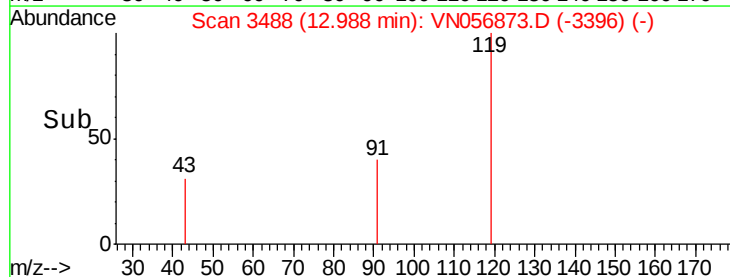
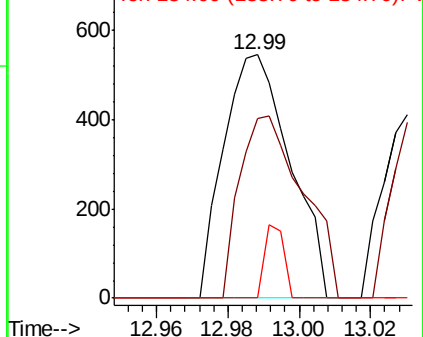
134 8.7 12.2 36.6#

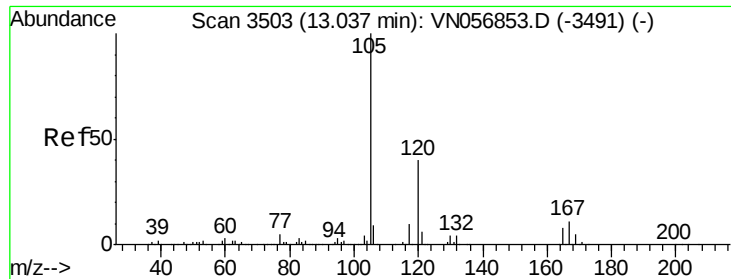


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

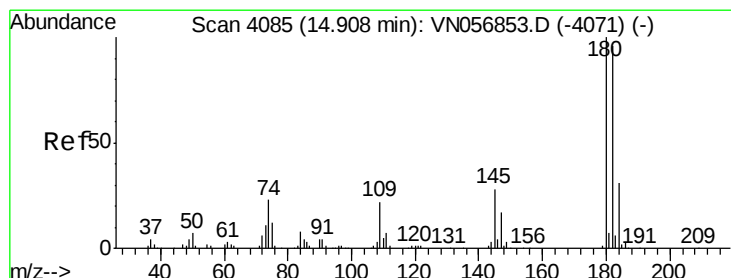
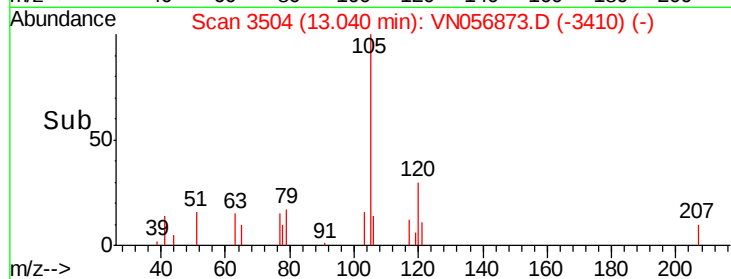
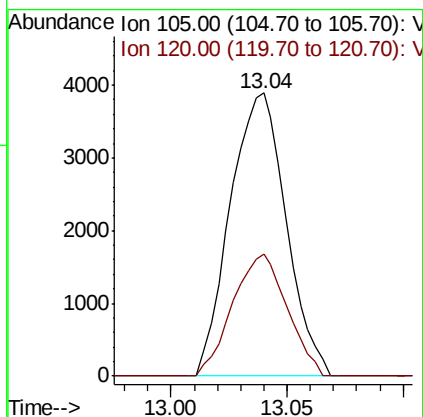
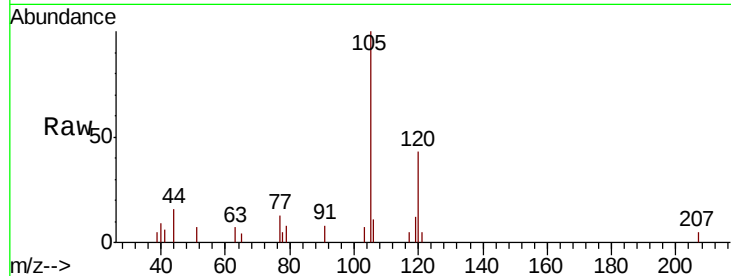




#84
 1,2,4-Trimethylbenzene
 Concen: 0.541 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

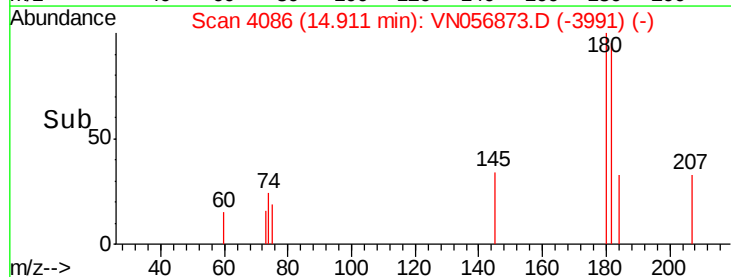
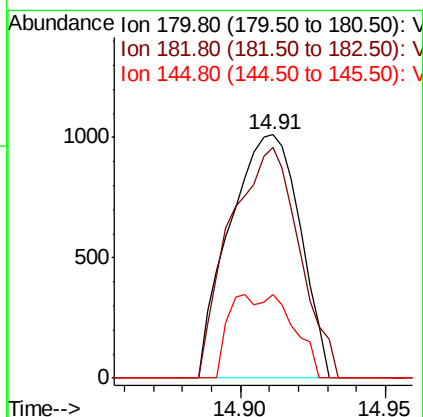
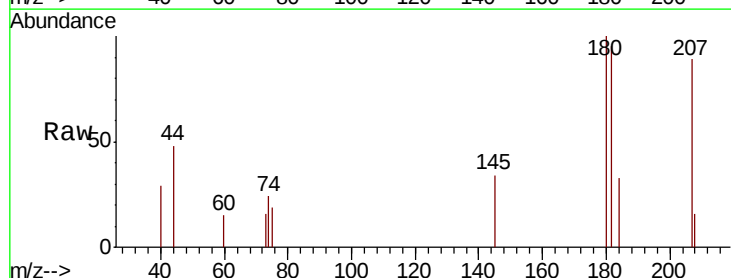
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-071919-B

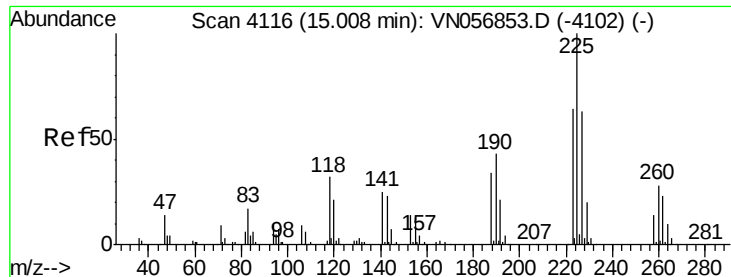
Tot Ion:105 Resp: 6524
 Ion Ratio Lower Upper
 105 100
 120 41.9 23.2 69.5



#93
 1,2,4-Trichlorobenzene
 Concen: 4.605 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN056873.D
 Acq: 23 Jul 2019 12:59

Tgt Ion:180 Resp: 1705
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.9 143.7
 145 13.7 14.1 42.3#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-B

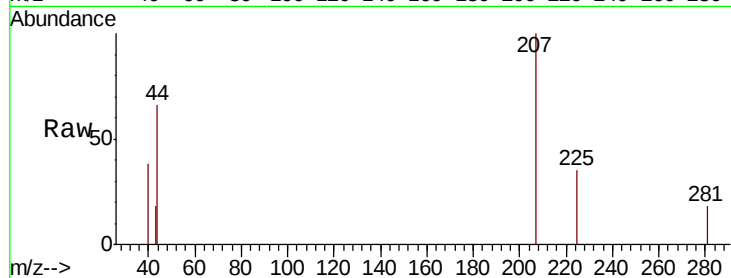
Tot Ion:225 Resp: 312

Ion Ratio Lower Upper

225 100

223 37.5 31.9 95.5

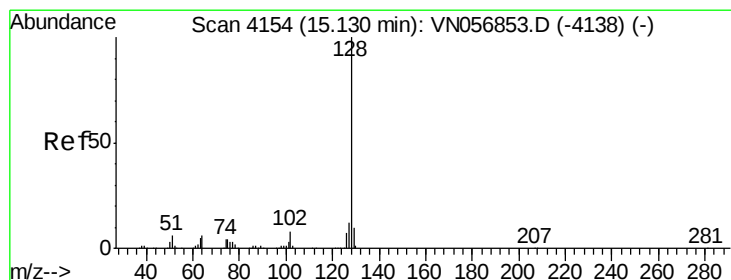
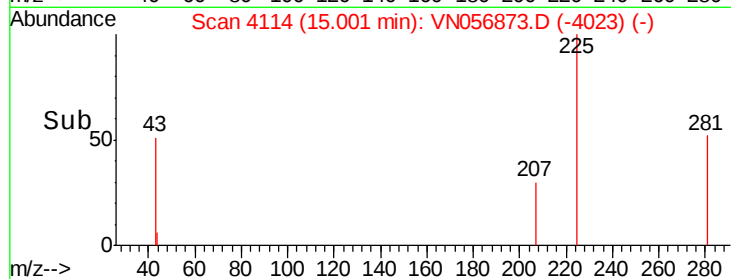
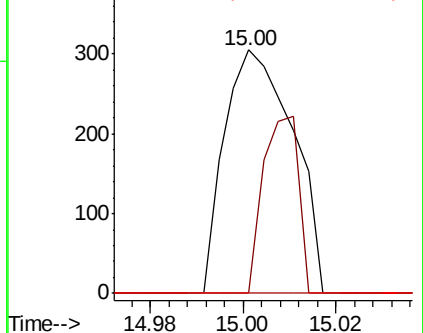
227 0.0 31.7 95.1#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 9.078 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

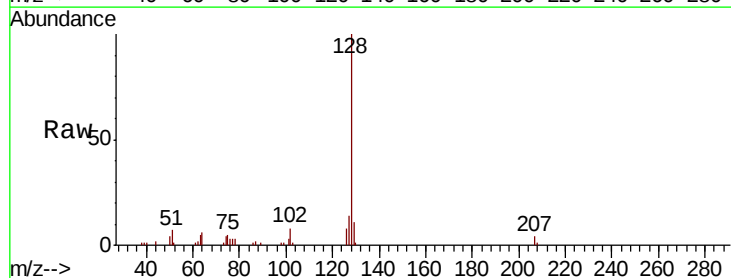
Tgt Ion:128 Resp: 49801

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

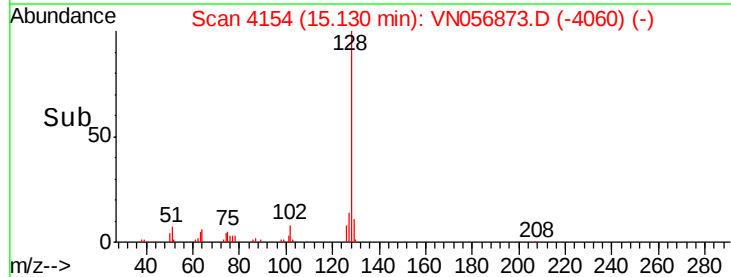
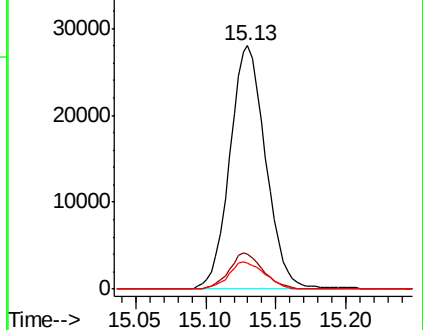
129 11.1 8.5 12.7

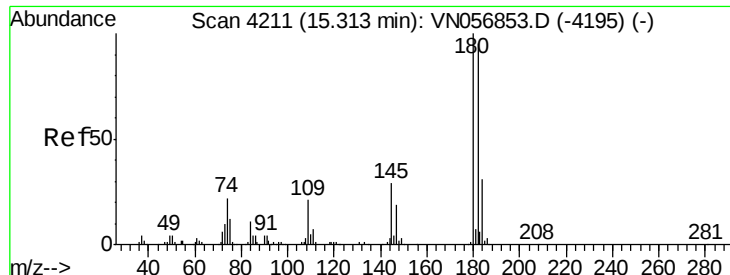


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.053 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056873.D

Acq: 23 Jul 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-B

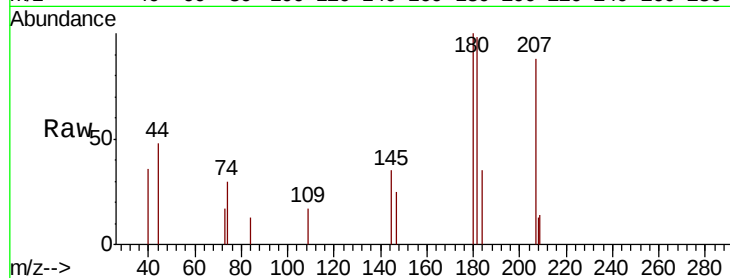
Tot Ion:180 Resp: 2057

Ion Ratio Lower Upper

180 100

182 99.4 48.1 144.3

145 38.6 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

