

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055916.D
 Acq On : 31 May 2019 13:53
 Operator : JC/SP
 Sample : K2639-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-053019-A

Quant Time: May 31 18:06:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

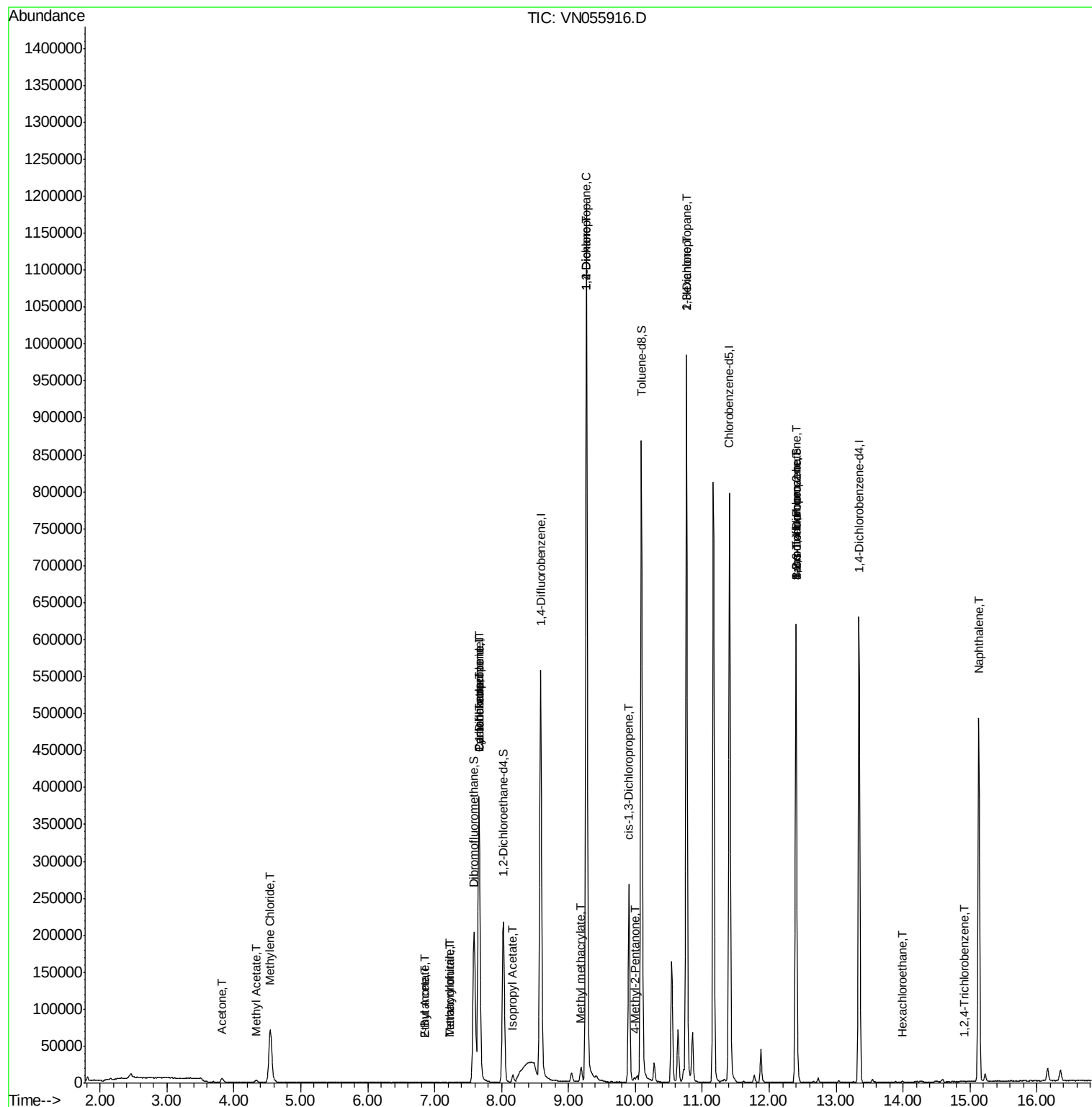
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	360900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	548985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	507891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184134	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.59	113	159538	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
50) Toluene-d8	10.09	98	657189	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.40	95	218013	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	9430	5.756	ug/l	99
18) Methyl Acetate	4.34	43	5297	0.335	ug/l #	86
20) Methylene Chloride	4.54	84	59865	16.872	ug/l	97
25) 2-Butanone	6.85	43	1380	0.603	ug/l #	47
29) Tetrahydrofuran	7.22	42	514	0.355	ug/l #	46
31) Cyclohexane	7.67	56	5477	0.979	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21857	4.569	ug/l #	48
37) Ethyl Acetate	6.85	43	1380	0.298	ug/l #	67
38) Carbon Tetrachloride	7.66	117	29908	6.002	ug/l #	14
41) Methacrylonitrile	7.22	41	473	0.202	ug/l #	19
43) Isopropyl Acetate	8.17	43	12800	1.648	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1405	0.374	ug/l #	44
48) Methyl methacrylate	9.18	41	7606	2.124	ug/l #	12
49) 1,4-Dioxane	9.27	88	90	1.210	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3901	0.850	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	51826	8.676	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	10753	1.821	ug/l #	42
59) 2-Hexanone	10.76	43	138363	42.508	ug/l #	50
71) Bromoform	12.40	173	1467	0.424	ug/l #	1
73) Isopropylbenzene	12.25	105	92	Below Cal	#	48
74) N-amyl acetate	12.05	43	651	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	101937	29.970	ug/l #	100
79) 2-Chlorotoluene	12.73	91	188	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3380	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	101937	72.356	ug/l #	15
83) tert-Butylbenzene	13.24	119	30	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	2175	Below Cal		91
85) sec-Butylbenzene	13.16	105	158	Below Cal	#	55
90) Hexachloroethane	13.99	117	680	0.271	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	144	3.673	ug/l #	12
95) Naphthalene	15.13	128	448282	51.124	ug/l	100

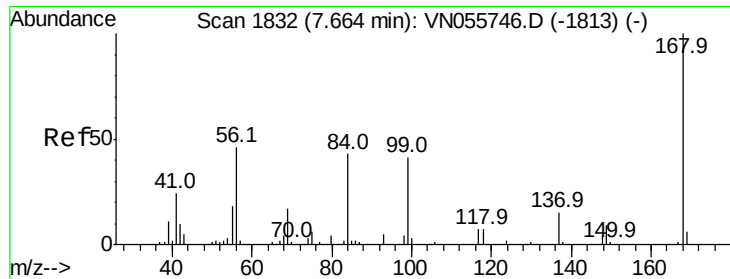
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

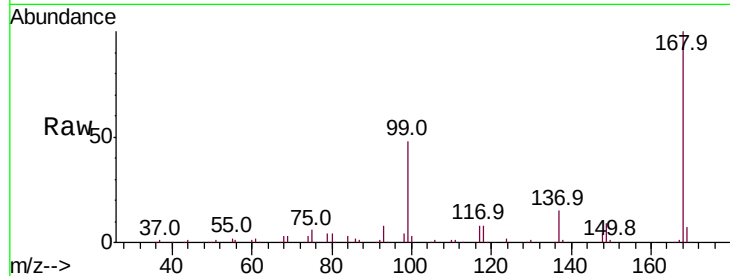
NB-07-053019-A

Tot Ion:168 Resp: 360900

Ion Ratio Lower Upper

168 100

99 47.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

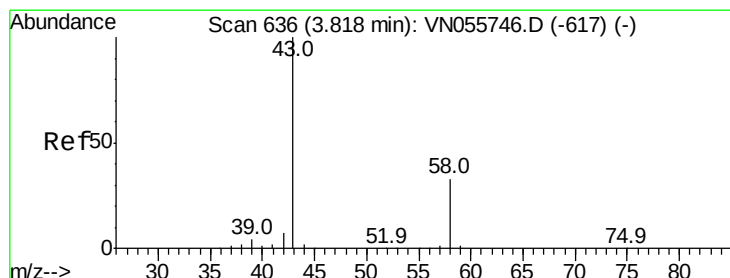
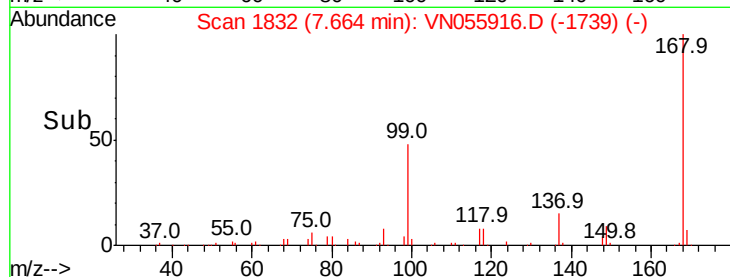
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.756 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055916.D

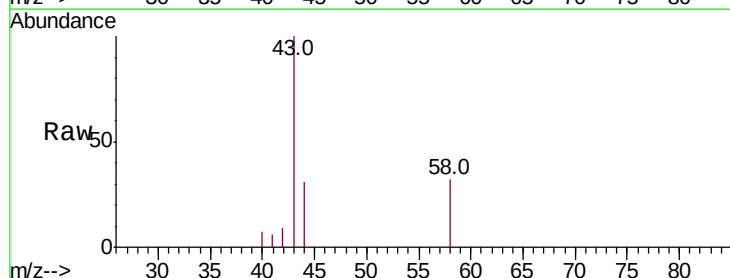
Acq: 31 May 2019 13:53

Tgt Ion: 43 Resp: 9430

Ion Ratio Lower Upper

43 100

58 32.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

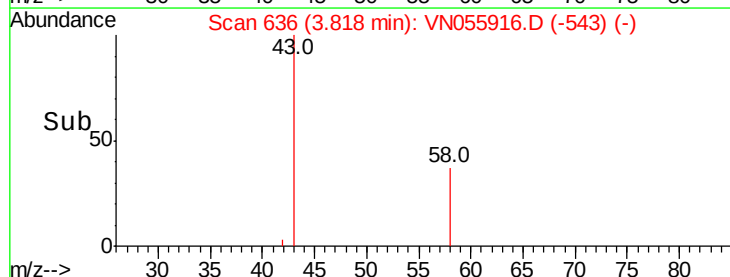
3000

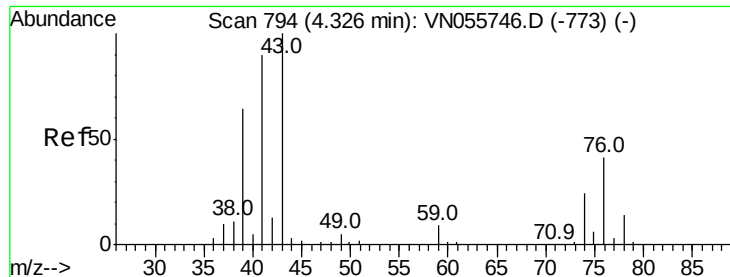
2000

1000

0

Time-->

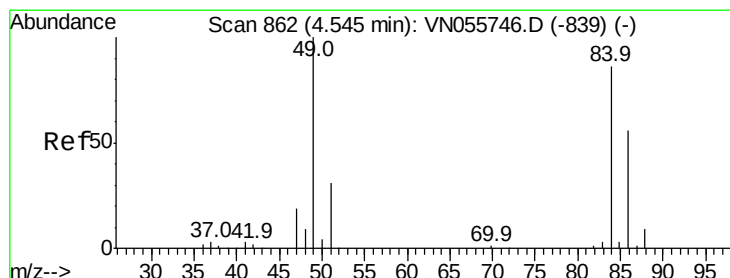
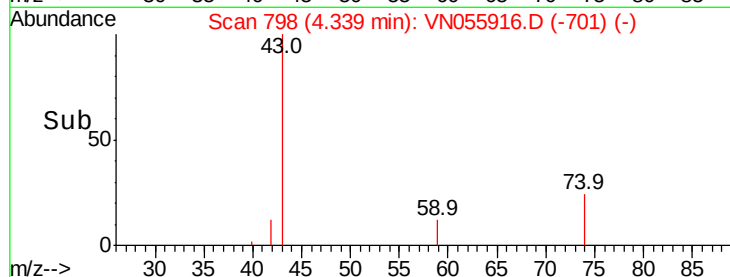
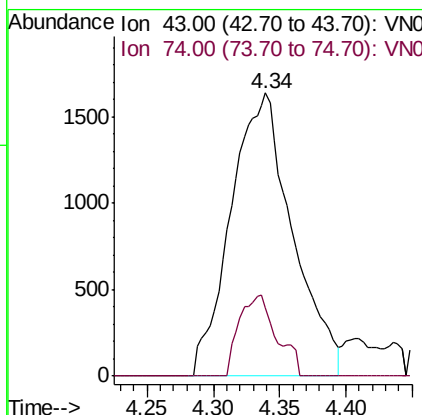
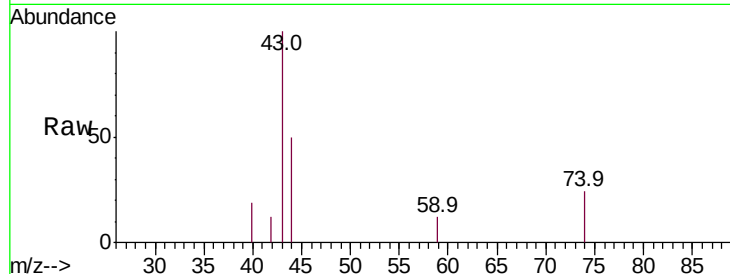




#18
Methyl Acetate
Concen: 0.335 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055916.D
Acq: 31 May 2019 13:53

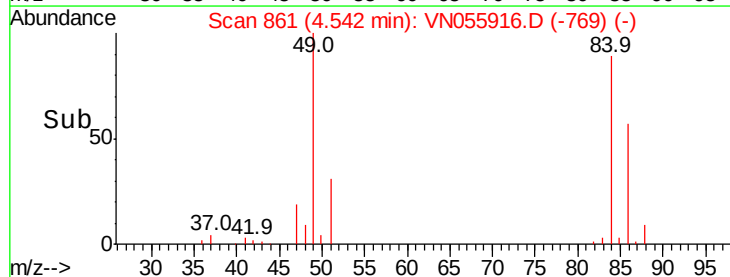
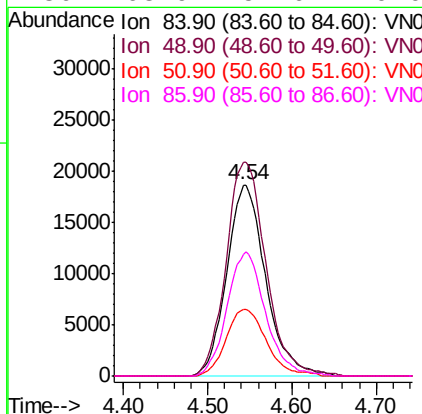
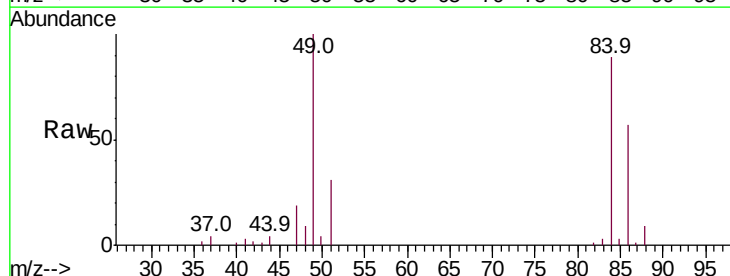
Instrument :
MSVOA_N
ClientSampleId :
NB-07-053019-A

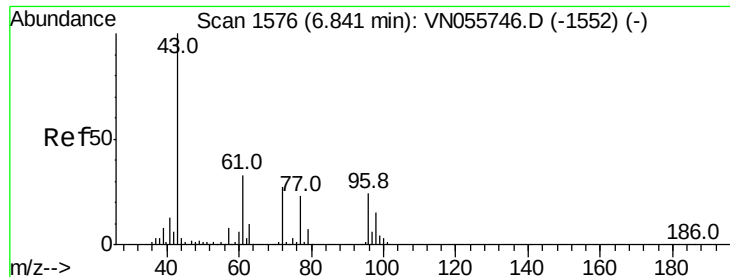
Tot Ion: 43 Resp: 5297
Ion Ratio Lower Upper
43 100
74 17.3 19.3 28.9#



#20
Methylene Chloride
Concen: 16.872 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055916.D
Acq: 31 May 2019 13:53

Tgt Ion: 84 Resp: 59865
Ion Ratio Lower Upper
84 100
49 111.9 93.5 140.3
51 35.0 28.6 43.0
86 63.9 52.6 79.0





#25

2-Butanone

Concen: 0.603 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

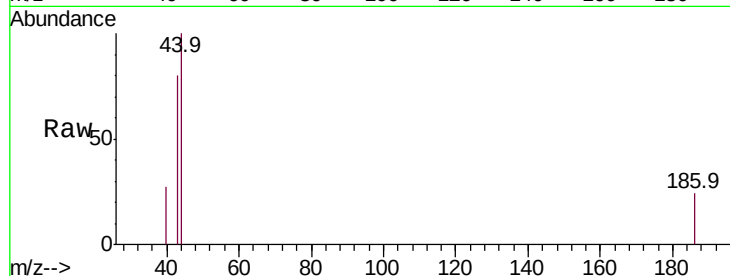
NB-07-053019-A

Tot Ion: 43 Resp: 1380

Ion Ratio Lower Upper

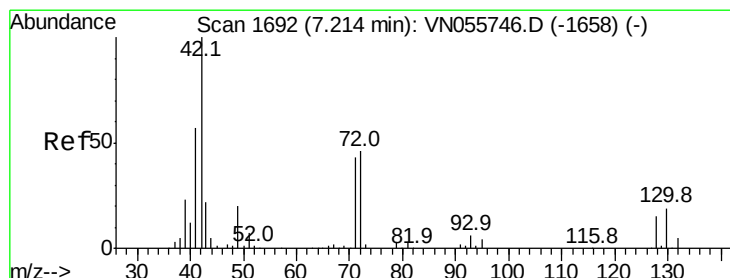
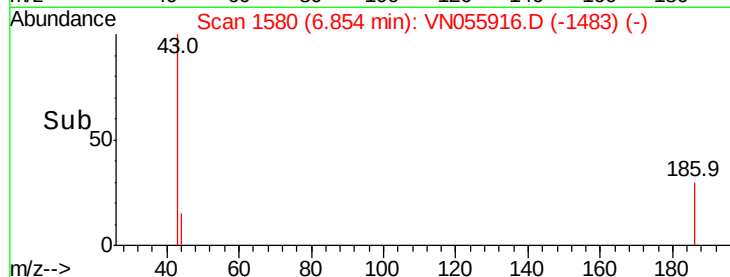
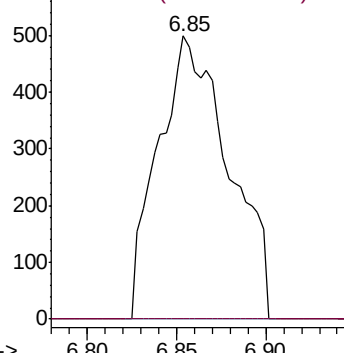
43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO



#29

Tetrahydrofuran

Concen: 0.355 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

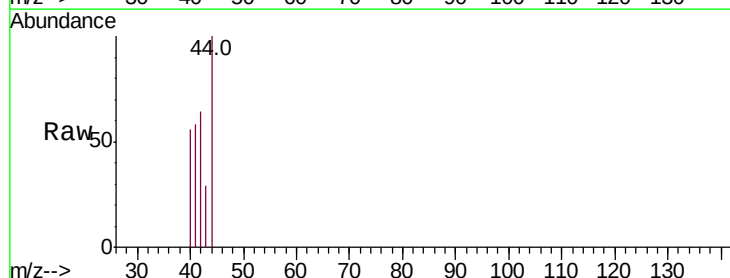
Tgt Ion: 42 Resp: 514

Ion Ratio Lower Upper

42 100

72 12.3 35.9 53.9#

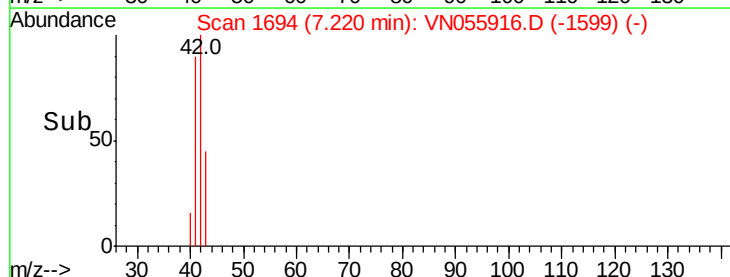
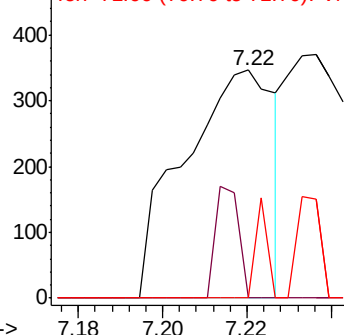
71 5.6 34.0 51.0#

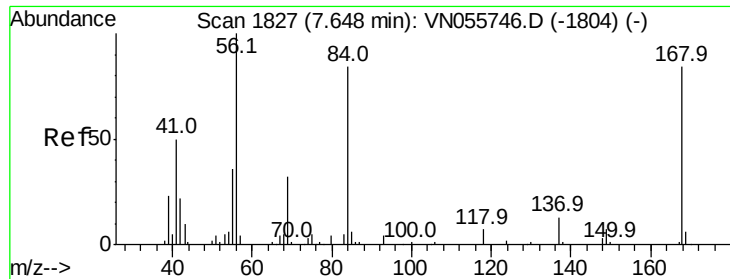


Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO

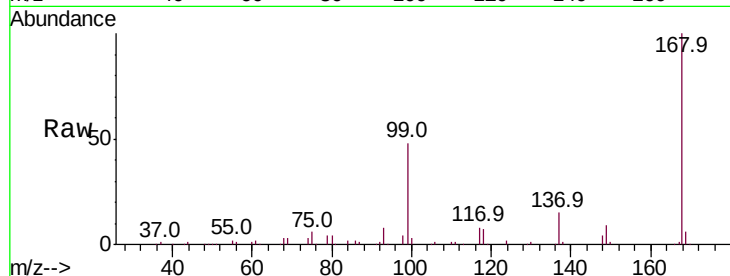




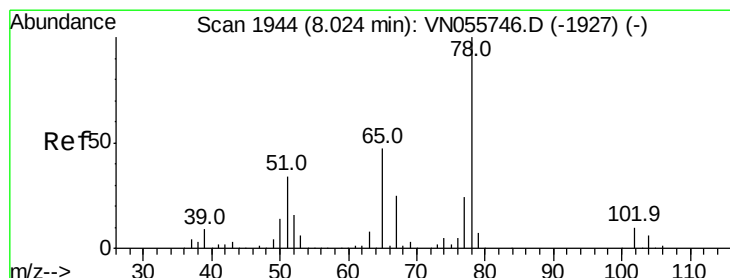
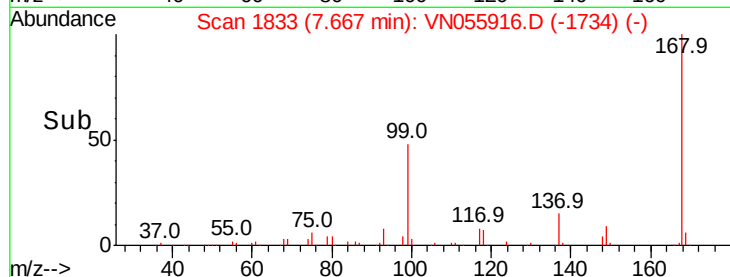
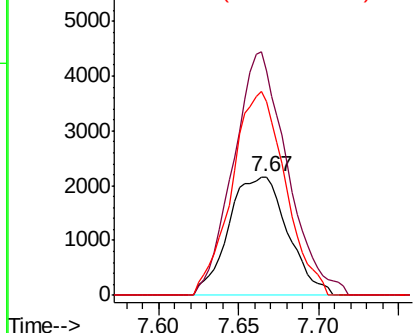
#31
Cyclohexane
Concen: 0.979 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055916.D
Acq: 31 May 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
NB-07-053019-A

Tot Ion: 56 Resp: 5477
Ion Ratio Lower Upper
56 100
69 189.7 25.6 38.4#
84 163.5 67.4 101.0#

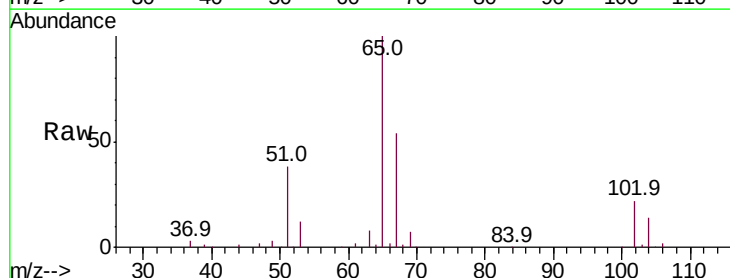


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

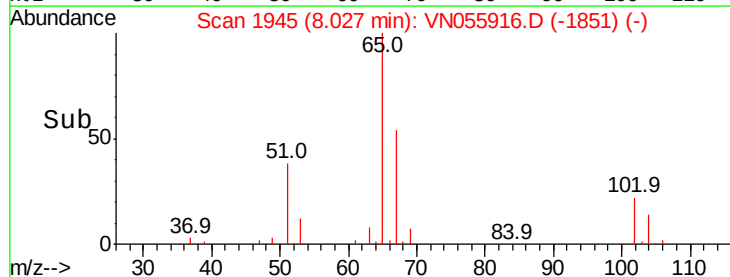
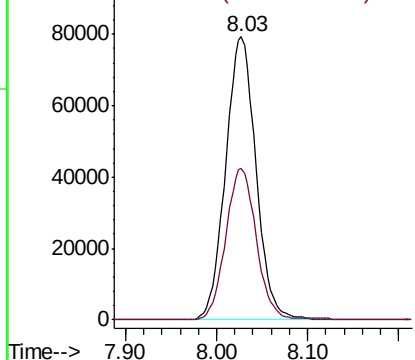


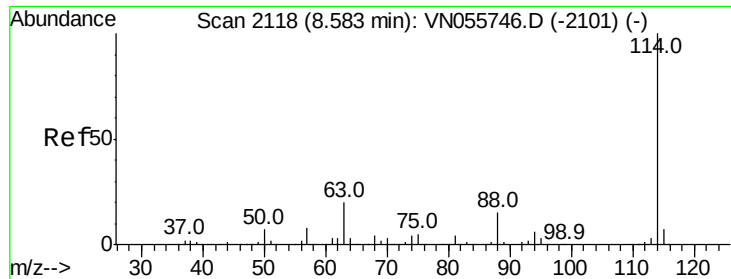
#33
1,2-Dichloroethane-d4
Concen: 49.404 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055916.D
Acq: 31 May 2019 13:53

Tgt Ion: 65 Resp: 184134
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2



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

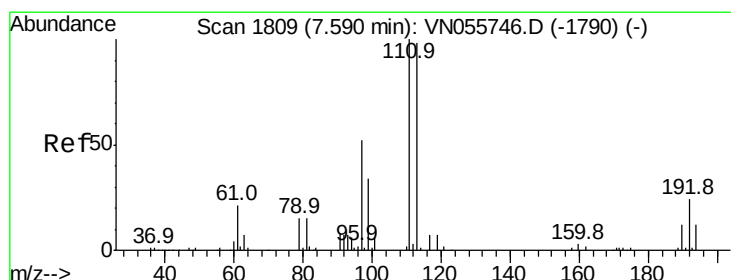
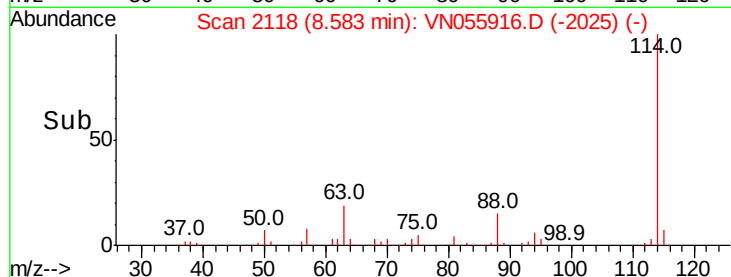
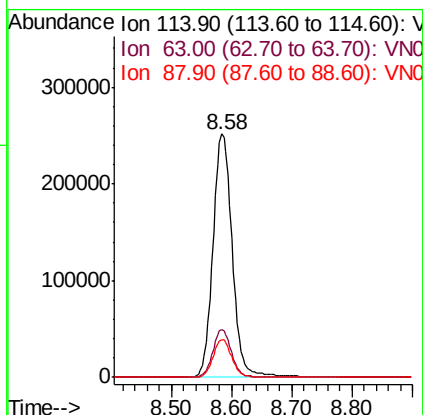
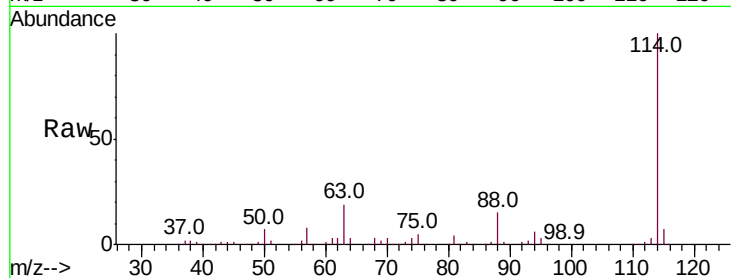




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

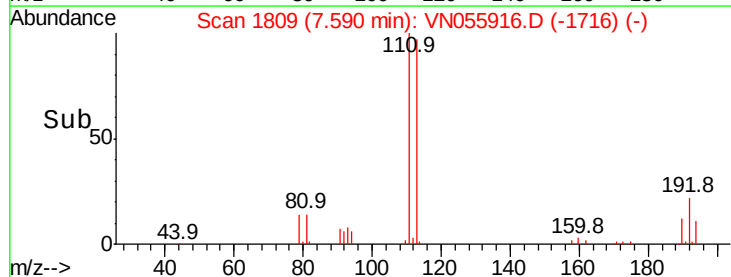
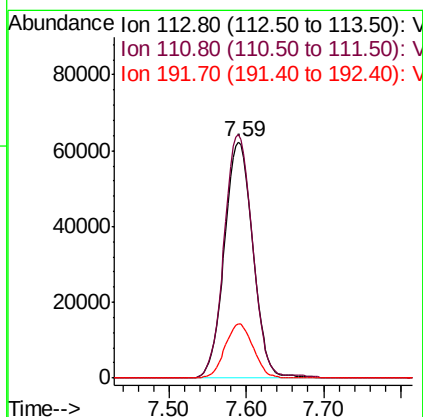
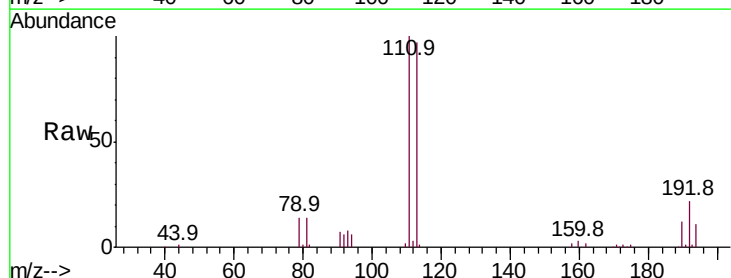
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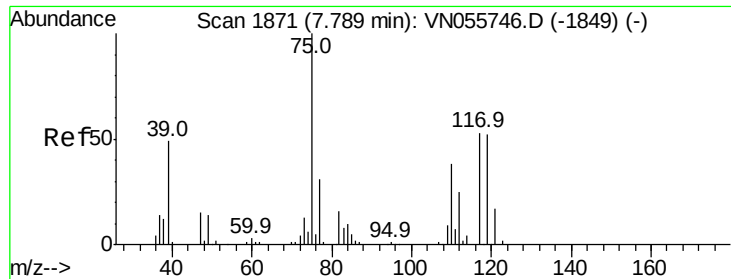
Tot Ion:	114	Resp:	548985
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.5	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 45.965 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Tgt Ion:	113	Resp:	159538
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	22.6	19.5	29.3

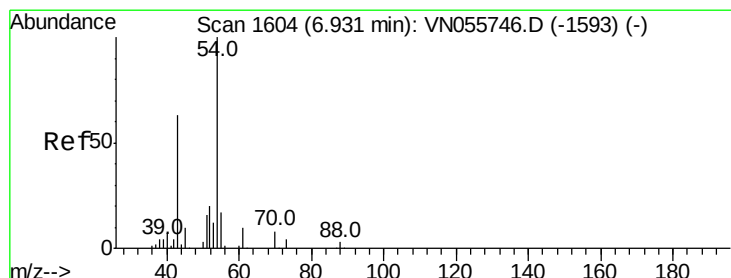
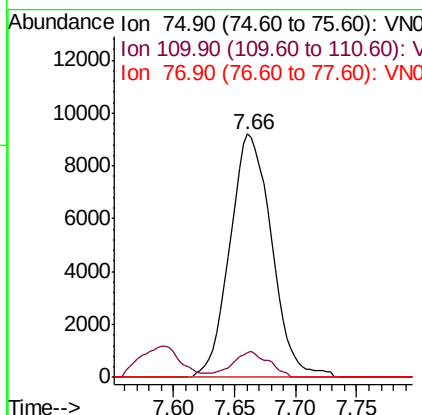
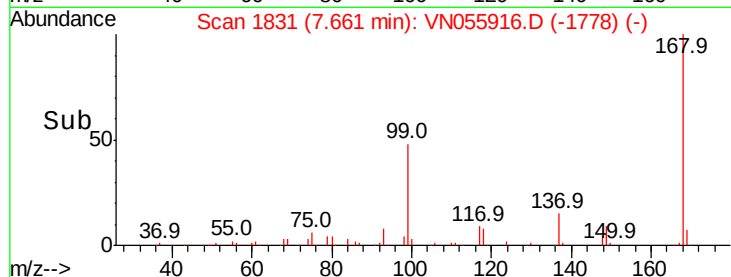
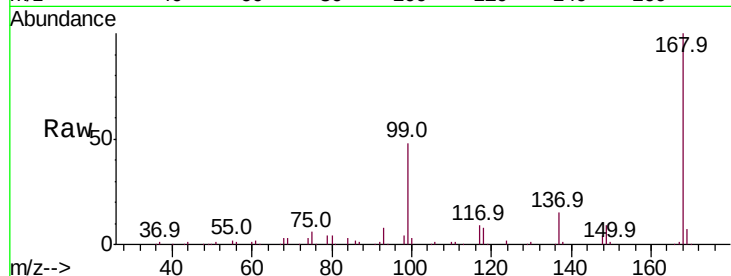




#36
 1,1-Dichloropropene
 Concen: 4.569 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

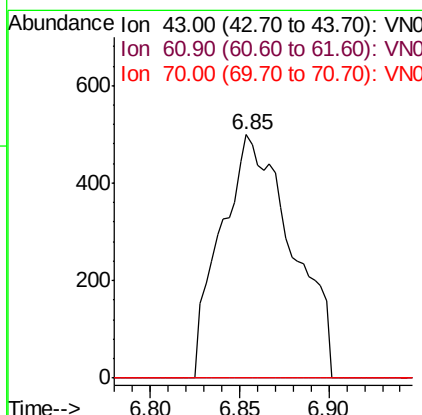
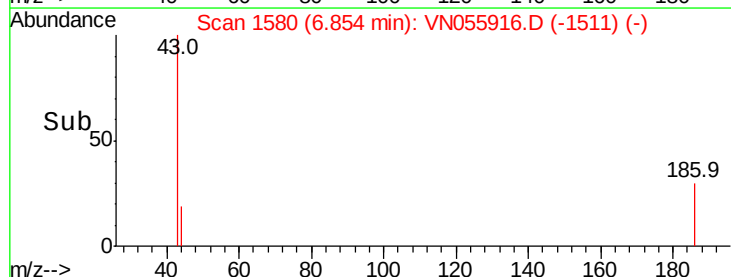
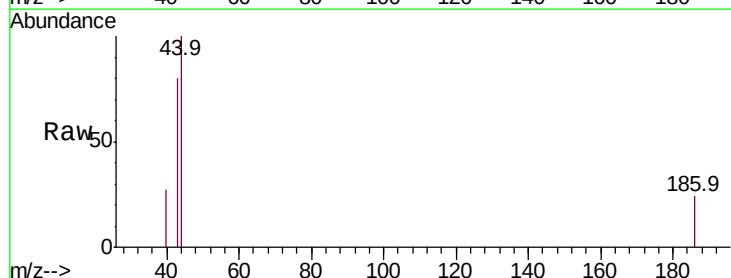
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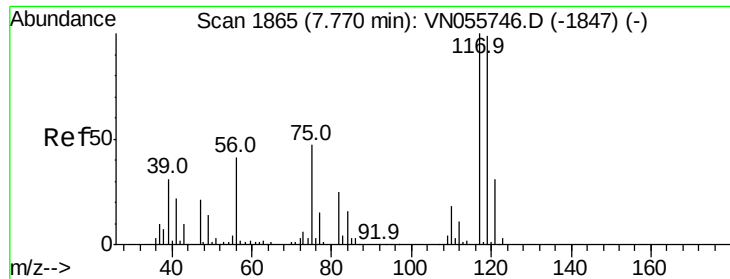
Tot Ion	75	Resp	21857
Ion Ratio	Lower	Upper	
75	100		
110	9.3	19.0	57.0#
77	0.0	25.1	37.7#



#37
 Ethyl Acetate
 Concen: 0.298 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Tgt Ion	43	Resp	1380
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.2	18.2#
70	0.0	8.9	13.3#





#38

Carbon Tetrachloride

Concen: 6.002 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

NB-07-053019-A

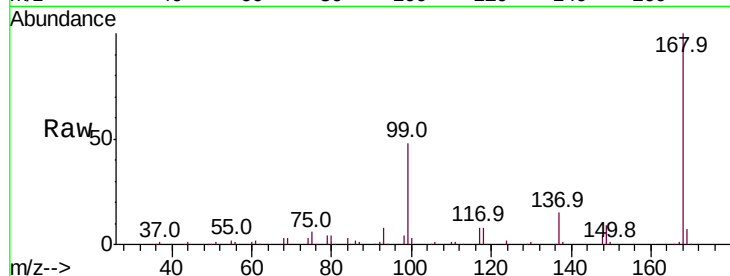
Tot Ion:117 Resp: 29908

Ion Ratio Lower Upper

117 100

119 4.7 79.0 118.6#

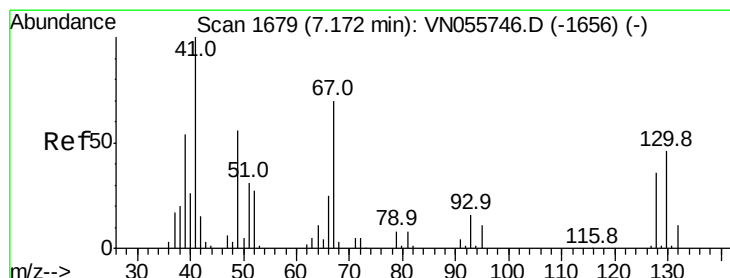
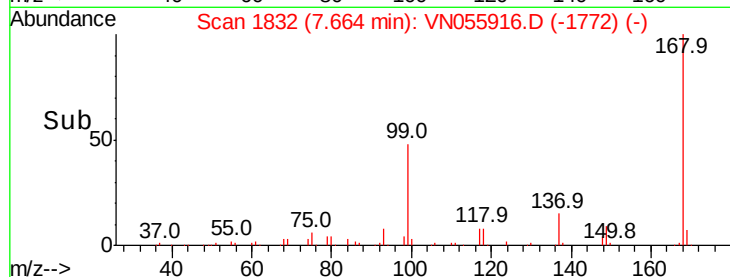
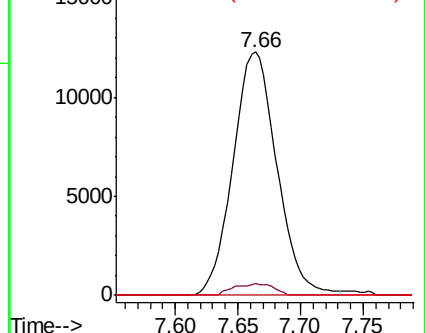
121 0.0 24.7 37.1#



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



#41

Methacrylonitrile

Concen: 0.202 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.05 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Tgt Ion: 41 Resp: 473

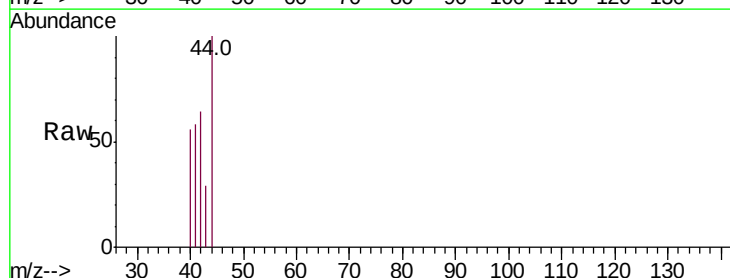
Ion Ratio Lower Upper

41 100

39 0.0 45.6 68.4#

67 0.0 67.7 101.5#

52 0.0 26.6 40.0#

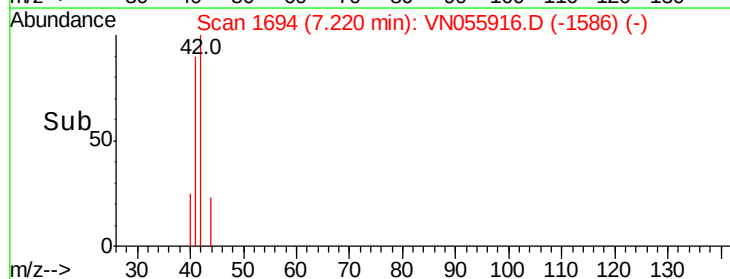
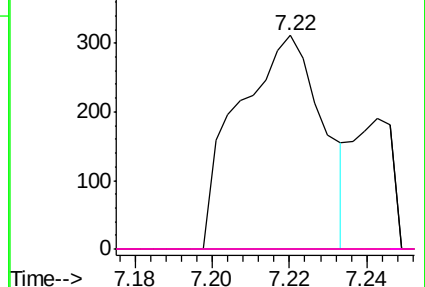


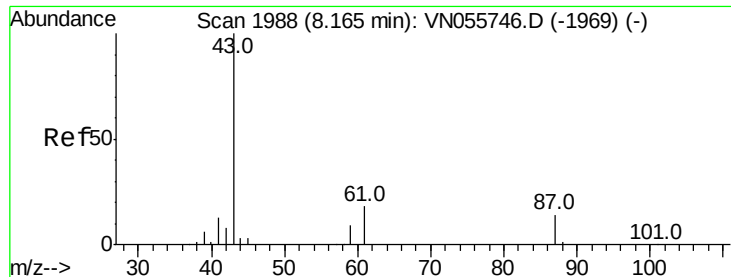
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.648 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

NB-07-053019-A

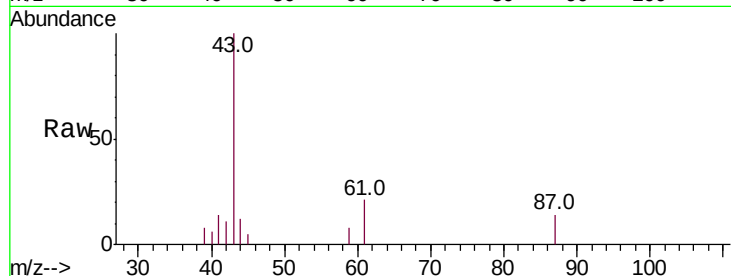
Tot Ion: 43 Resp: 12800

Ion Ratio Lower Upper

43 100

61 20.4 22.2 33.4#

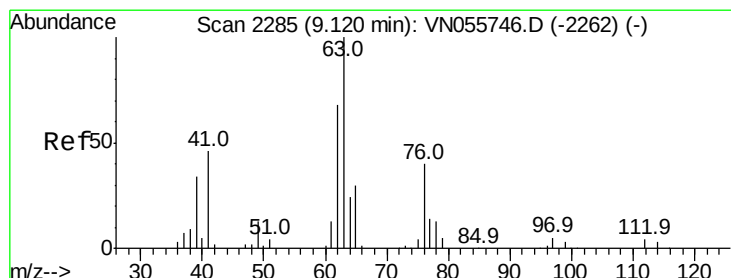
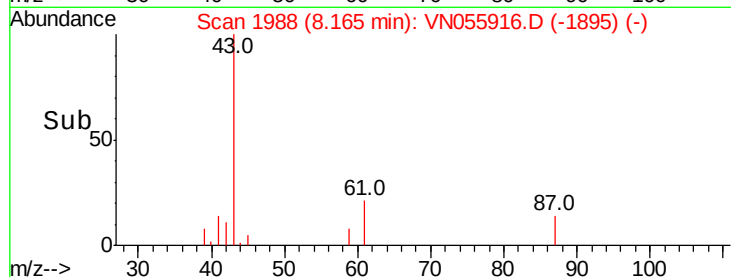
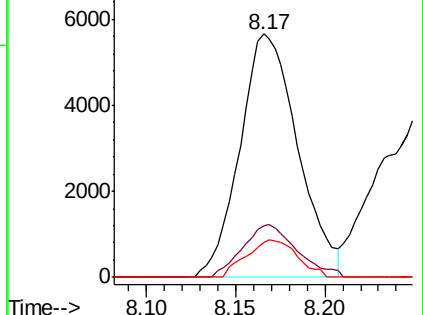
87 13.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



#45

1,2-Dichloropropane

Concen: 0.374 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055916.D

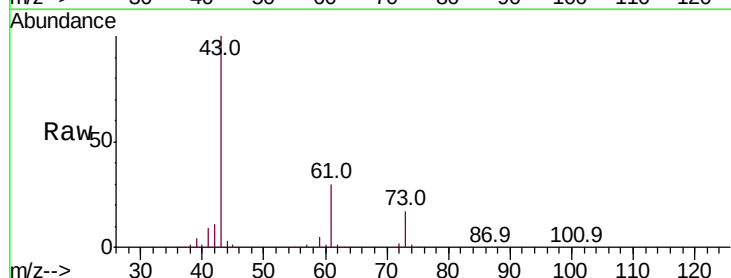
Acq: 31 May 2019 13:53

Tgt Ion: 63 Resp: 1405

Ion Ratio Lower Upper

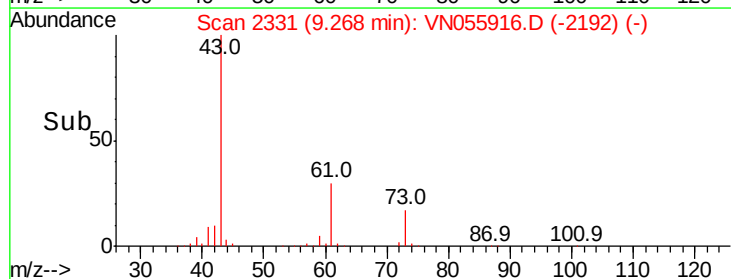
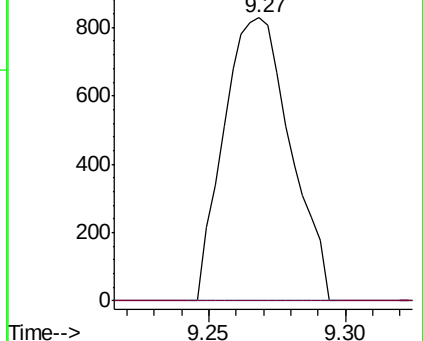
63 100

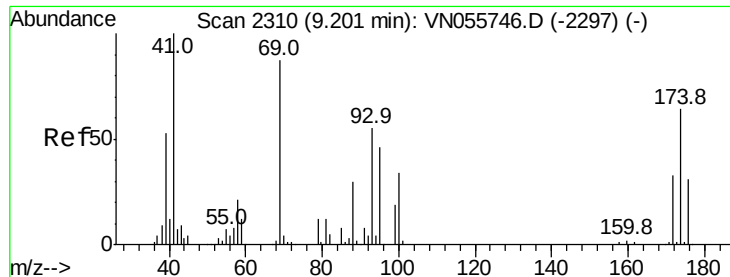
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

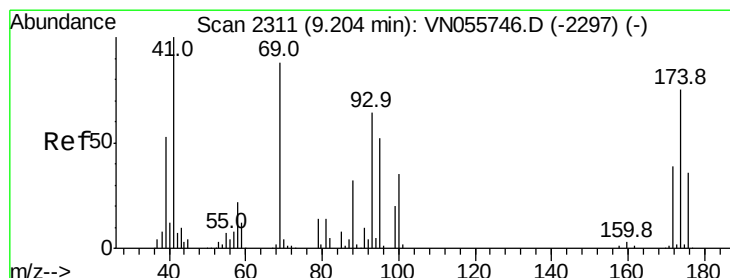
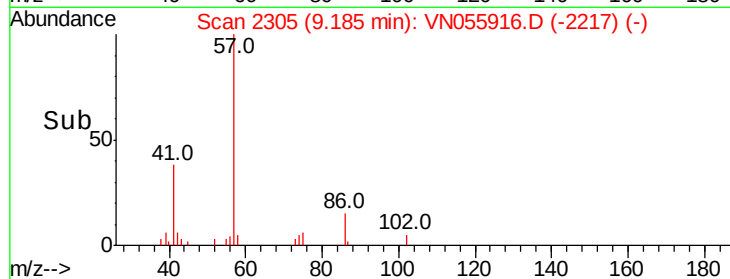
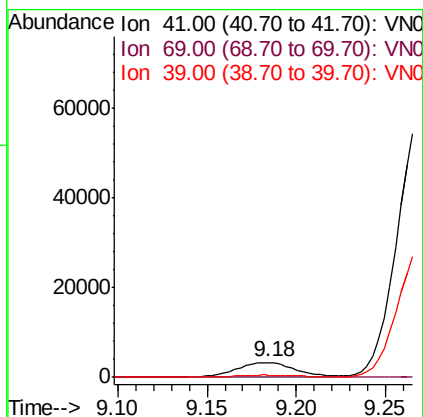
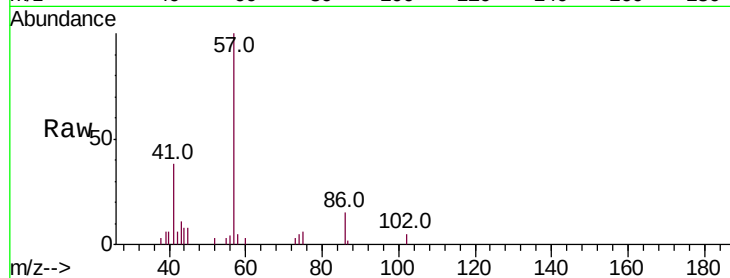




#48
Methvl methacrylate
Concen: 2.124 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055916.D
Acq: 31 May 2019 13:53

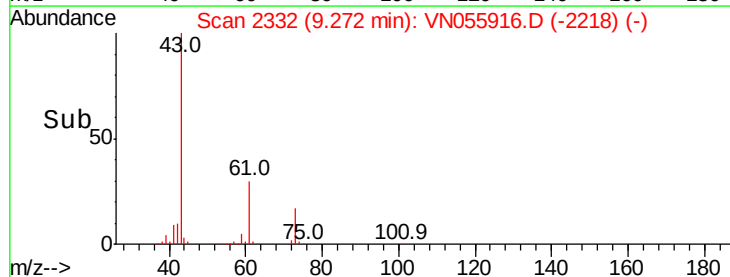
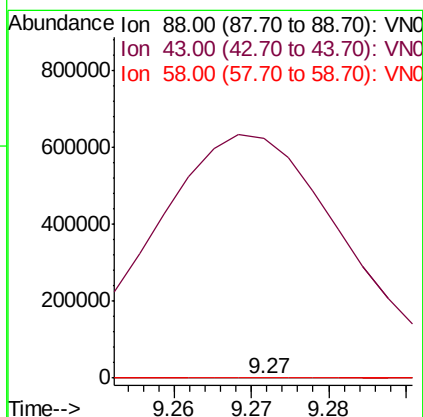
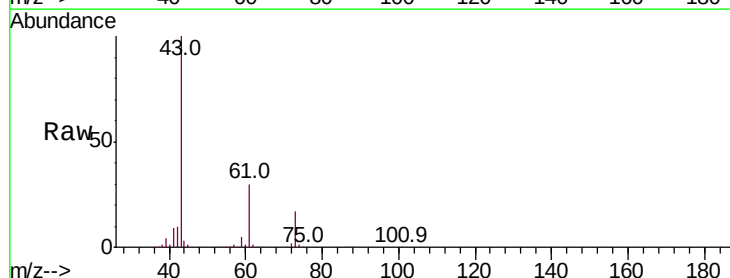
Instrument :
MSVOA_N
ClientSampleId :
NB-07-053019-A

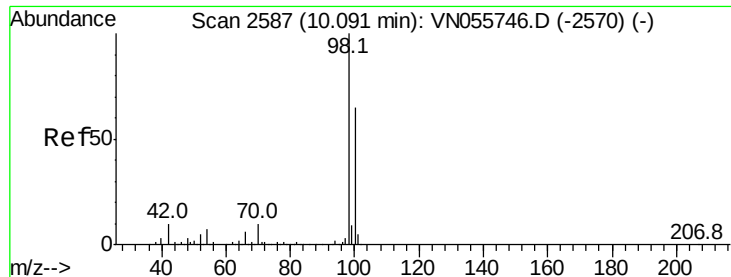
Tot Ion: 41 Resp: 7606
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#



#49
1,4-Dioxane
Concen: 1.210 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN055916.D
Acq: 31 May 2019 13:53

Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
43 1317440.0 20.5 30.7#
58 5202.2 55.8 83.6#





#50

Toluene-d8

Concen: 49.361 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

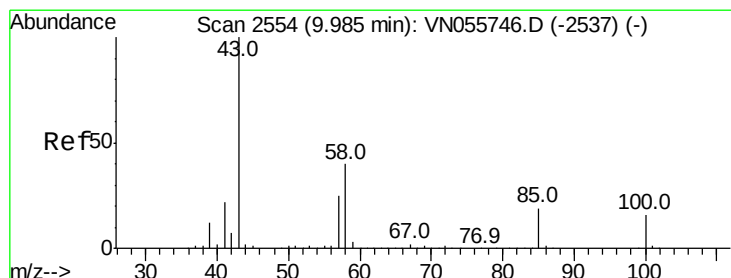
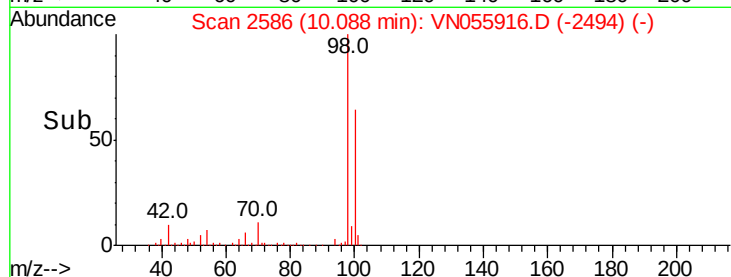
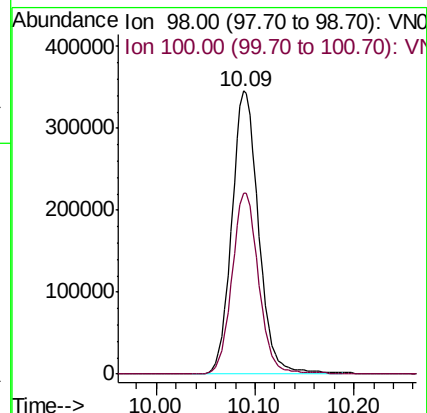
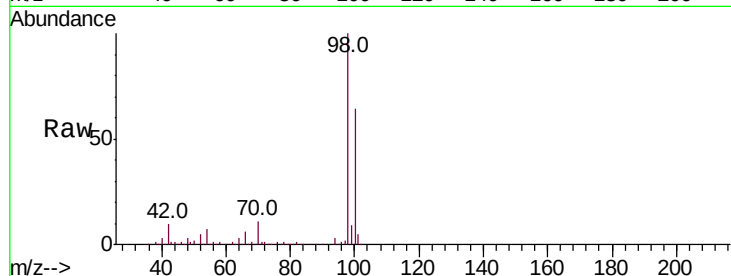
NB-07-053019-A

Tot Ion: 98 Resp: 657189

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.850 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055916.D

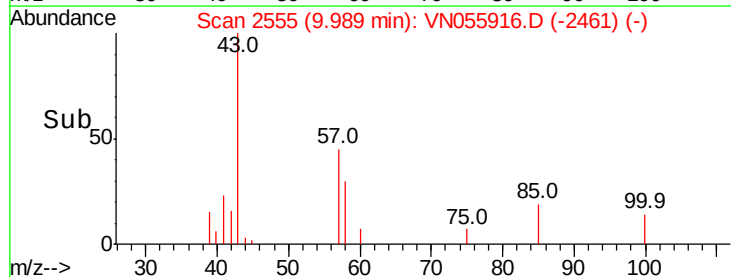
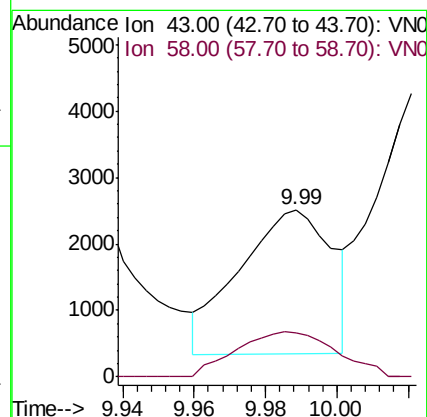
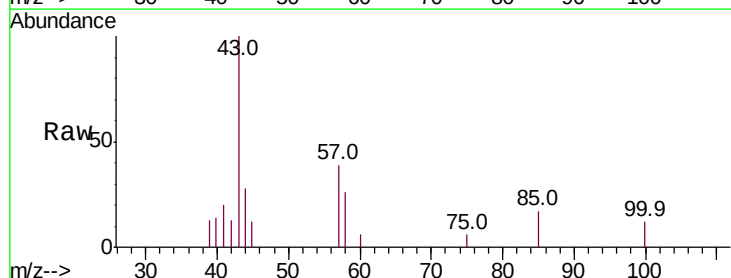
Acq: 31 May 2019 13:53

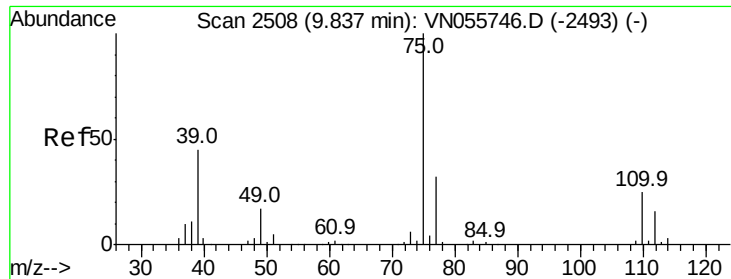
Tgt Ion: 43 Resp: 3901

Ion Ratio Lower Upper

43 100

58 33.8 32.1 48.1



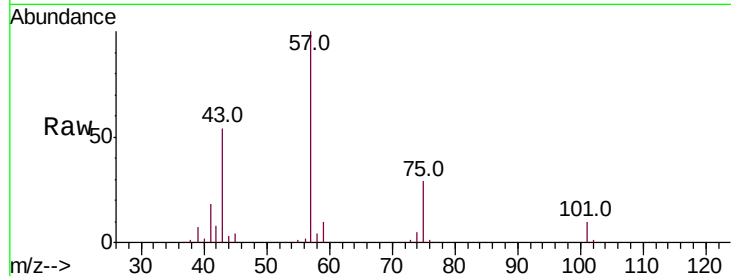


#54

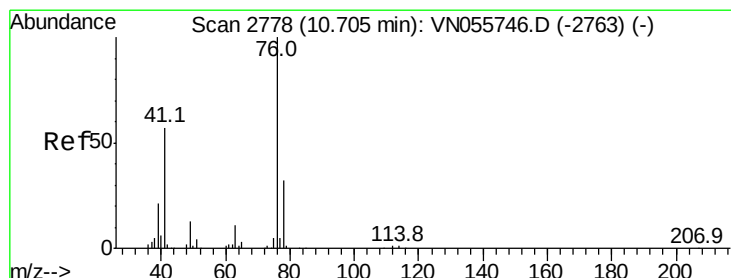
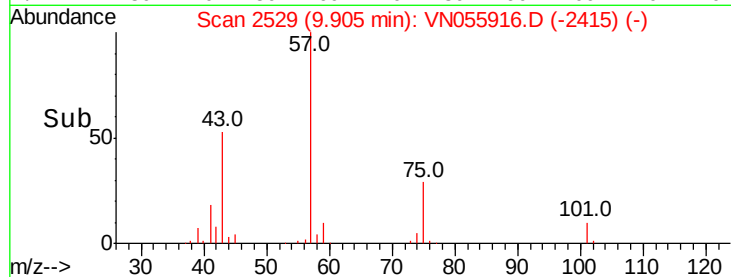
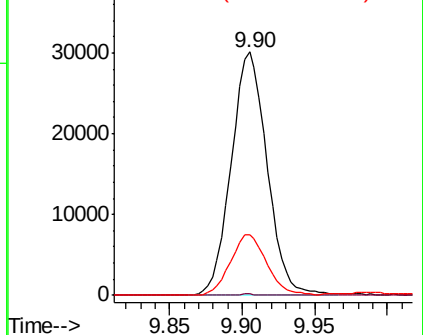
cis-1,3-Dichloropropene
 Concen: 8.676 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-053019-A

Tot Ion: 75 Resp: 51826
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.4 38.0#
 39 25.0 36.3 54.5#



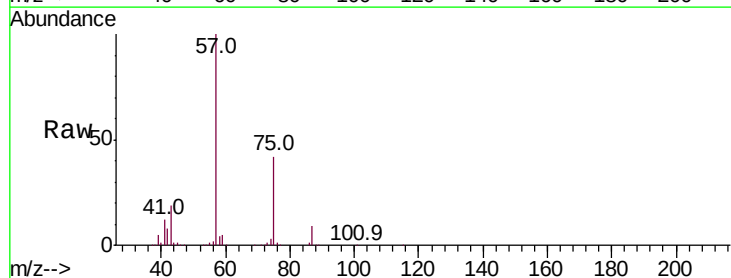
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



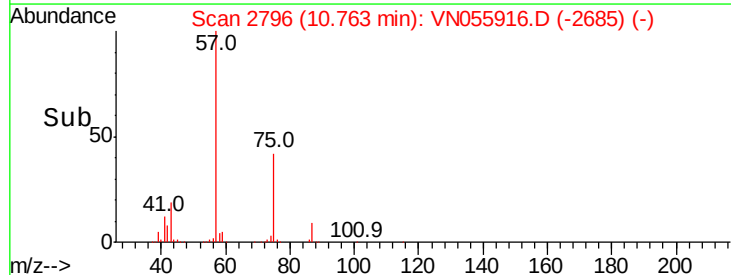
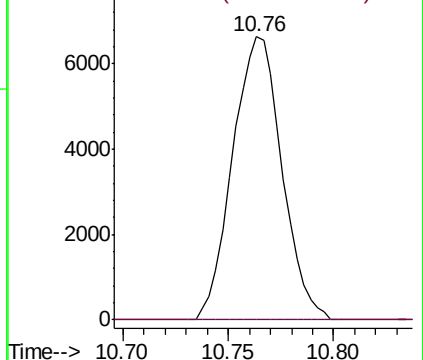
#57

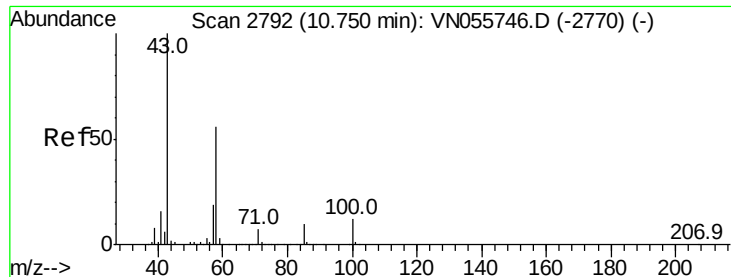
1,3-Dichloropropane
 Concen: 1.821 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Tgt Ion: 76 Resp: 10753
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO





#59

2-Hexanone

Concen: 42.508 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

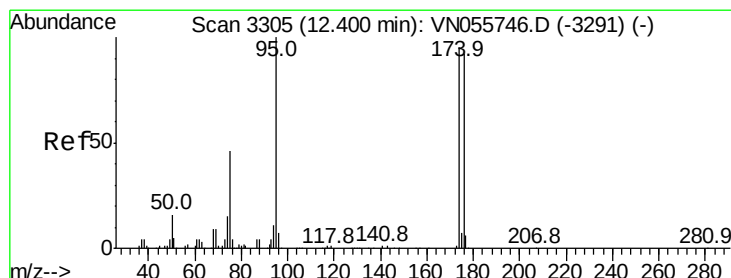
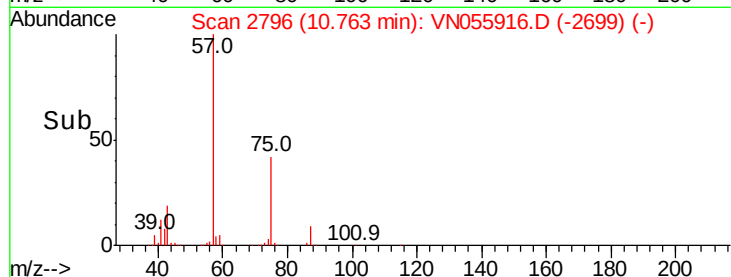
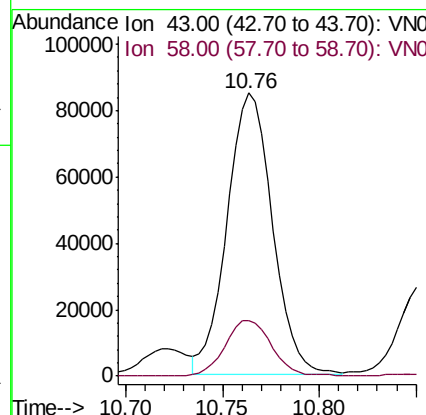
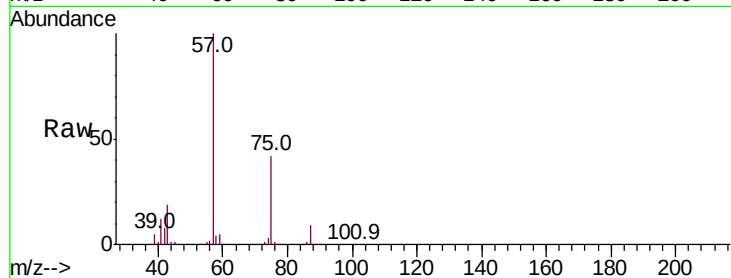
NB-07-053019-A

Tot Ion: 43 Resp: 138363

Ion Ratio Lower Upper

43 100

58 20.1 28.2 84.7#



#62

4-Bromofluorobenzene

Concen: 47.755 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

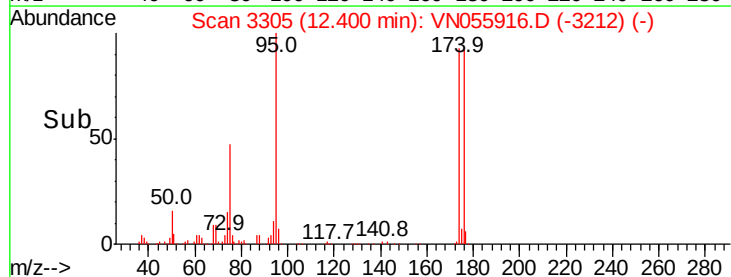
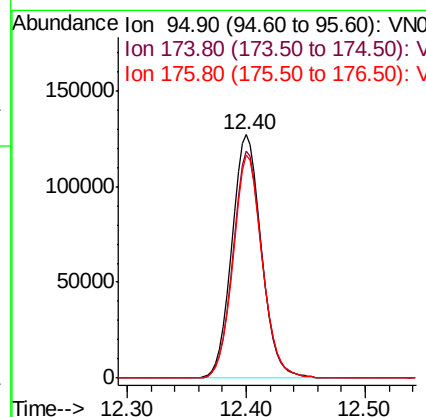
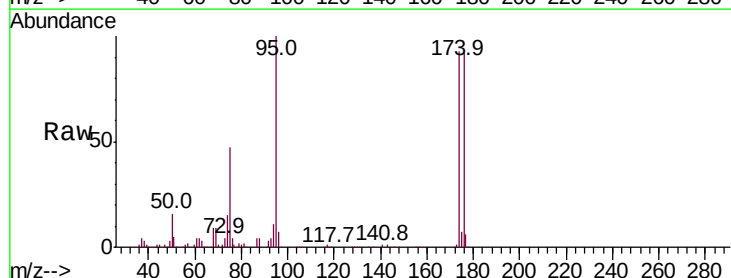
Tgt Ion: 95 Resp: 218013

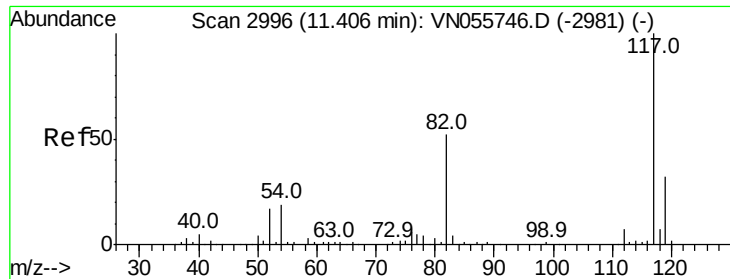
Ion Ratio Lower Upper

95 100

174 92.1 0.0 191.0

176 90.3 0.0 185.2

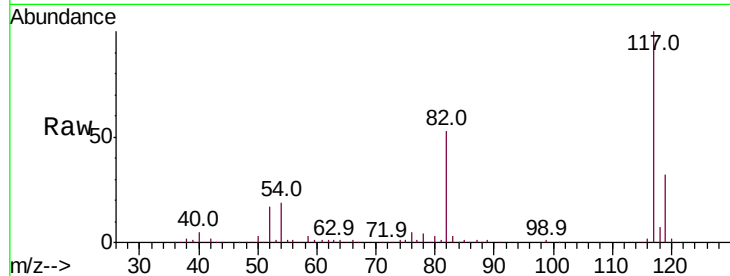




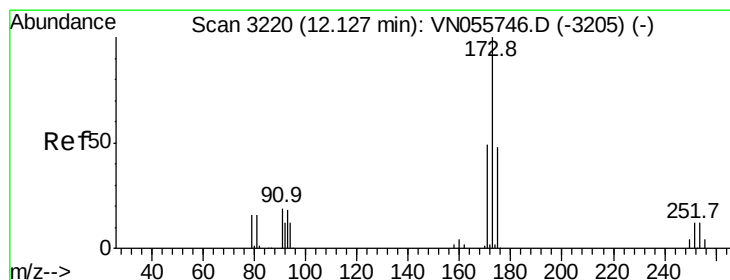
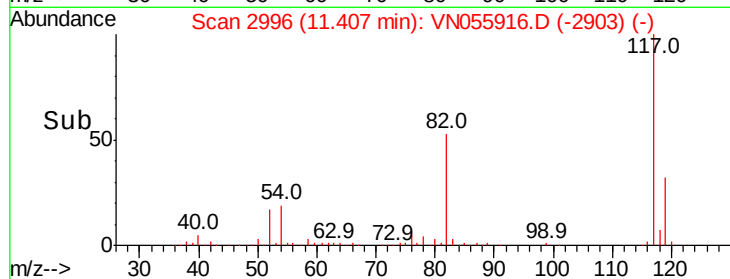
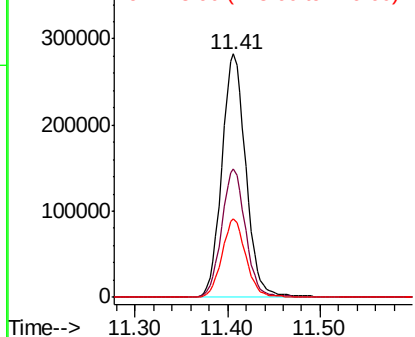
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-053019-A

Tot Ion:117 Resp: 507891
 Ion Ratio Lower Upper
 117 100
 82 53.0 41.8 62.8
 119 32.4 25.4 38.0

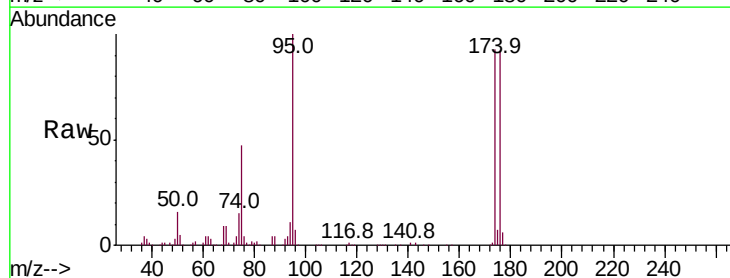


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VN0
 Ion 118.90 (118.60 to 119.60): V

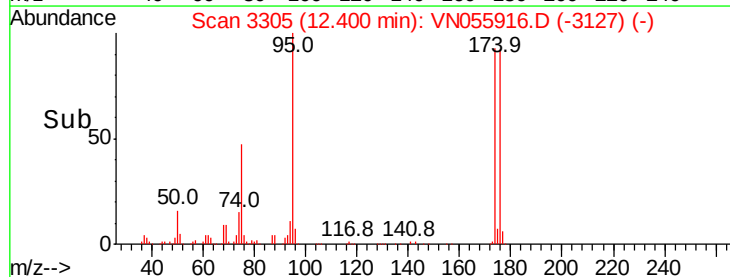
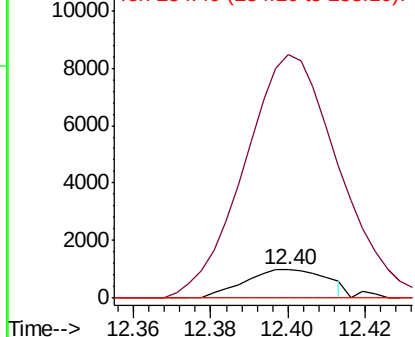


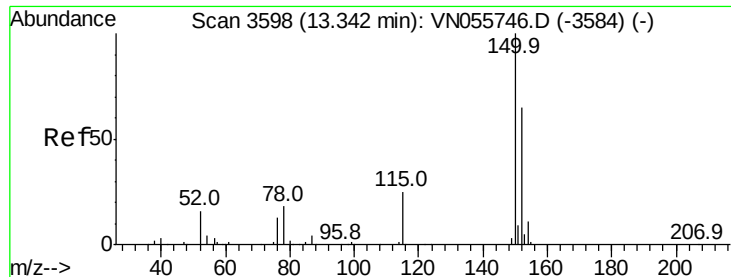
#71
 Bromoform
 Concen: 0.424 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.27 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Tgt Ion:173 Resp: 1467
 Ion Ratio Lower Upper
 173 100
 175 854.3 24.3 72.8#
 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: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

NB-07-053019-A

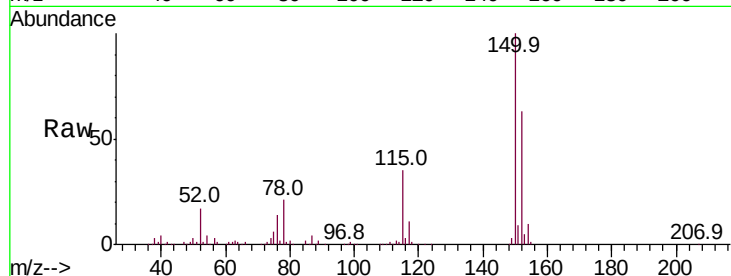
Tot Ion:152 Resp: 189554

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

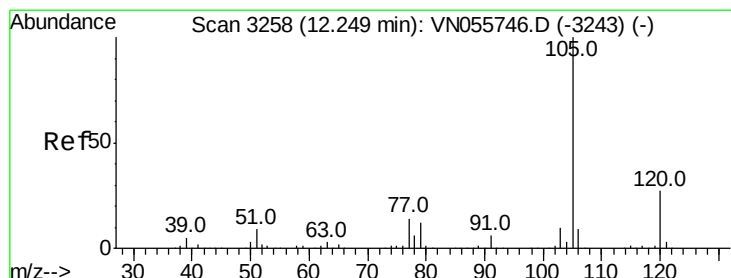
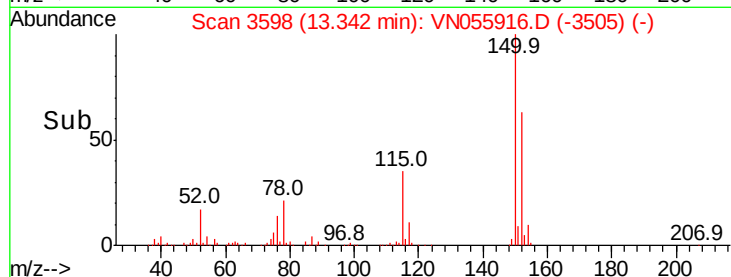
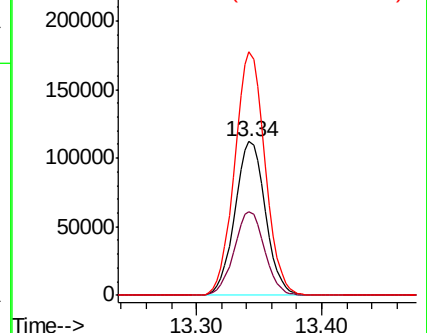
150 157.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055916.D

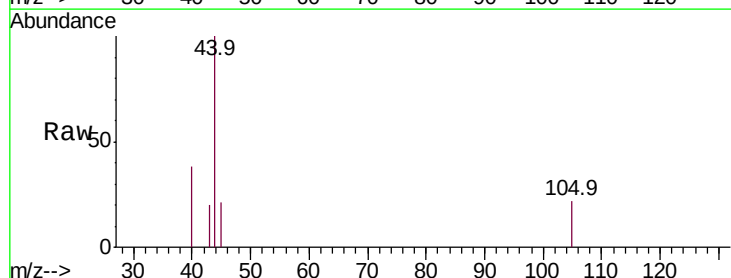
Acq: 31 May 2019 13:53

Tgt Ion:105 Resp: 92

Ion Ratio Lower Upper

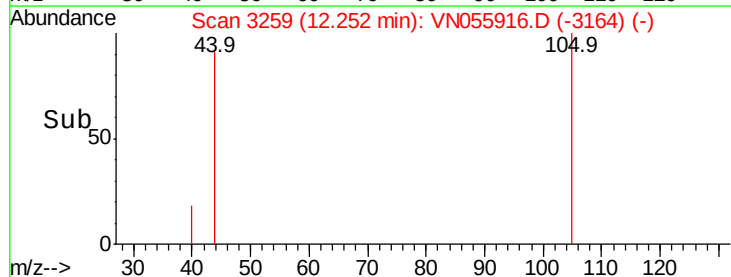
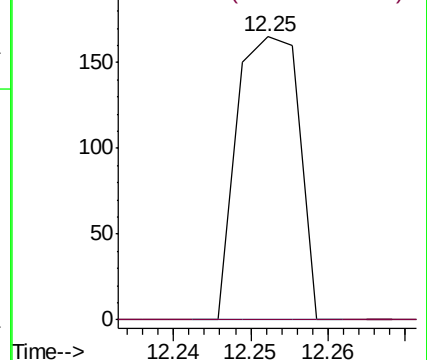
105 100

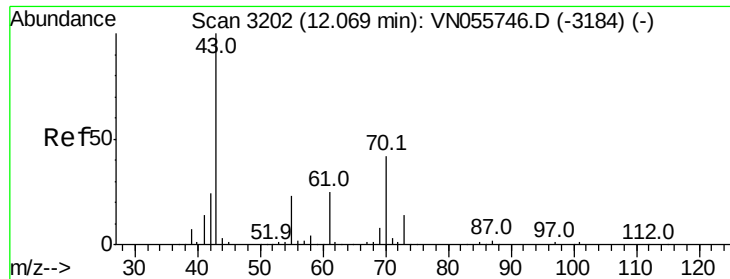
120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

NB-07-053019-A

Tot Ion: 43 Resp: 651

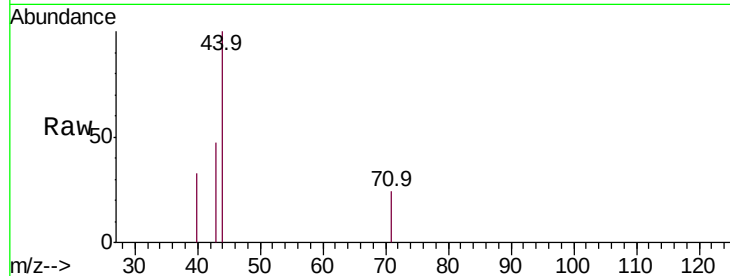
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

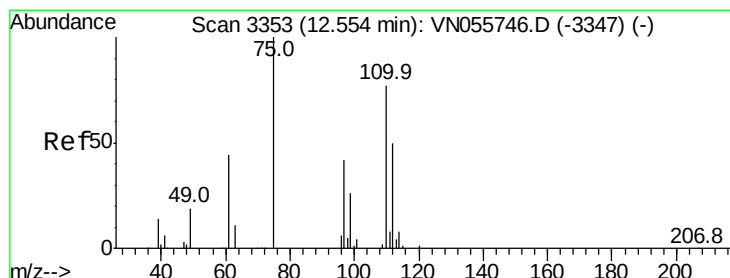
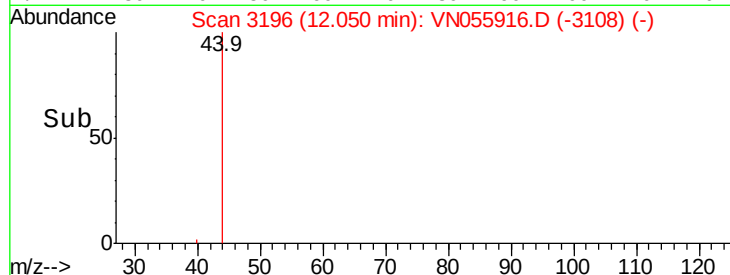
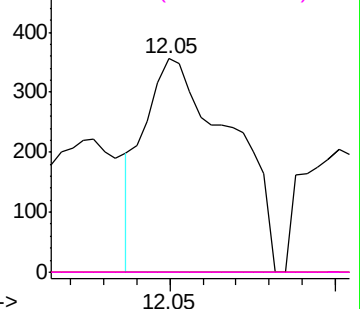


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 29.970 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055916.D

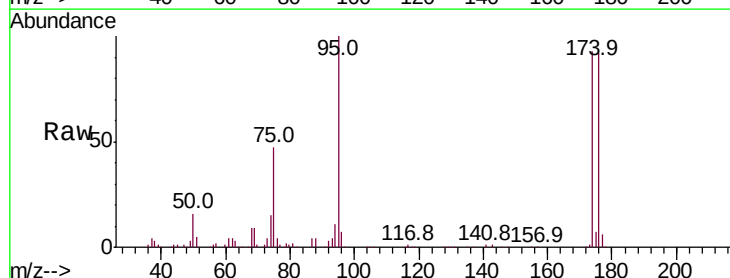
Acq: 31 May 2019 13:53

Tgt Ion: 75 Resp: 101937

Ion Ratio Lower Upper

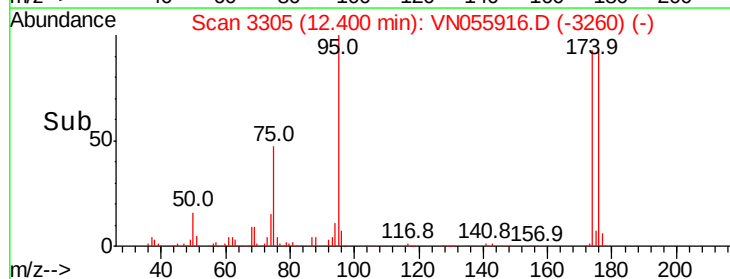
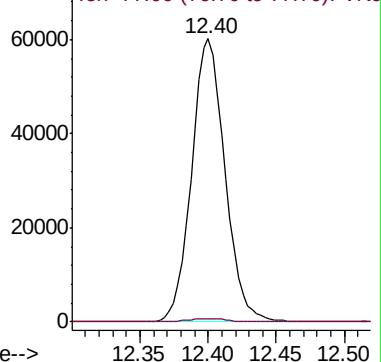
75 100

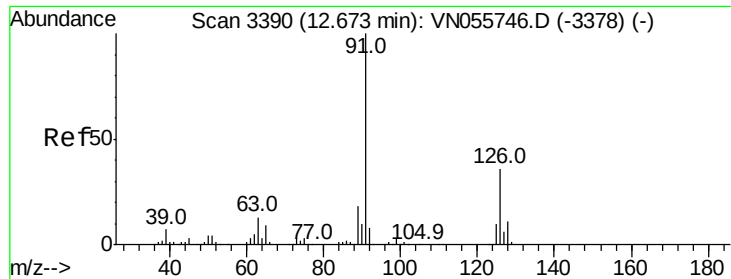
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.06 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

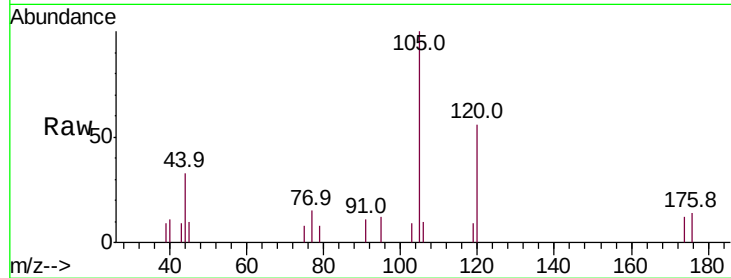
NB-07-053019-A

Tot Ion: 91 Resp: 188

Ion Ratio Lower Upper

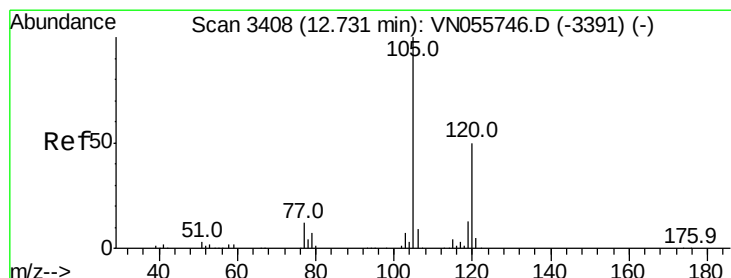
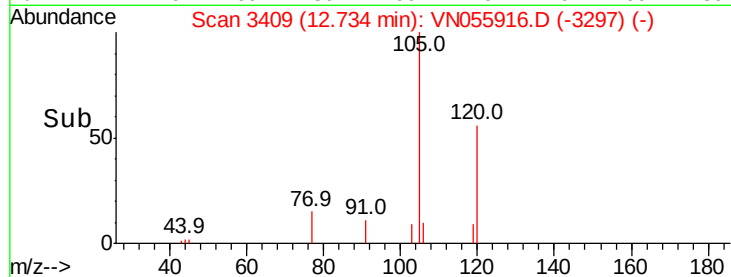
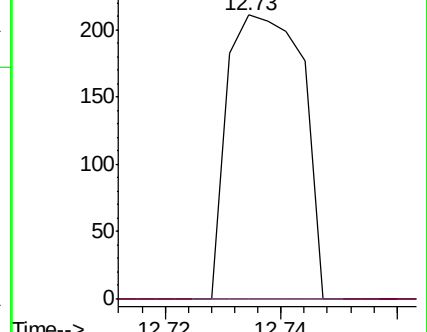
91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN055916.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055916.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055916.D

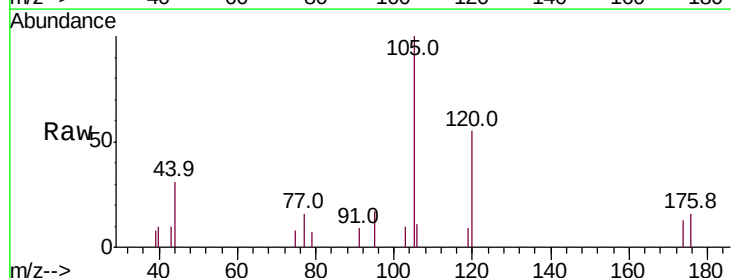
Acq: 31 May 2019 13:53

Tgt Ion:105 Resp: 3380

Ion Ratio Lower Upper

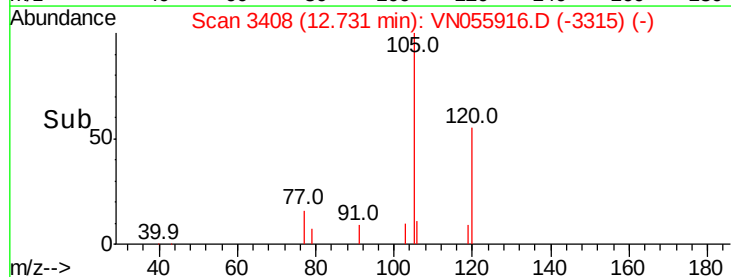
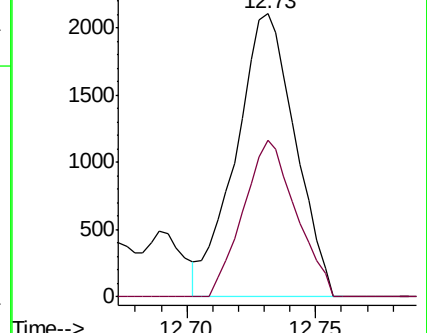
105 100

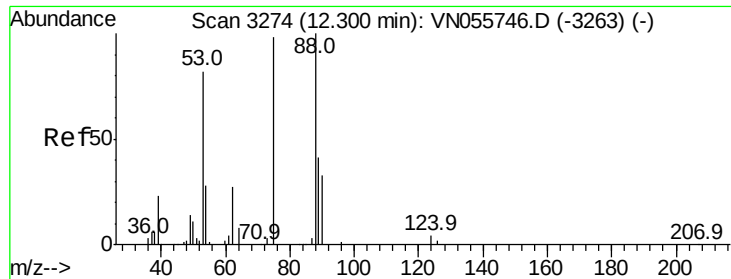
120 49.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055916.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN055916.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 72.356 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

NB-07-053019-A

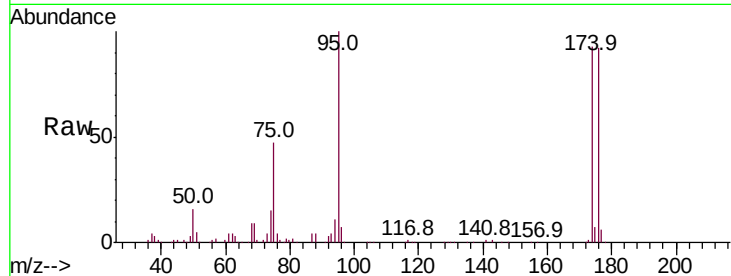
Tot Ion: 75 Resp: 101937

Ion Ratio Lower Upper

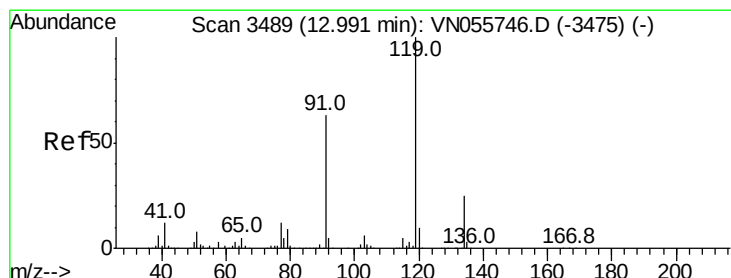
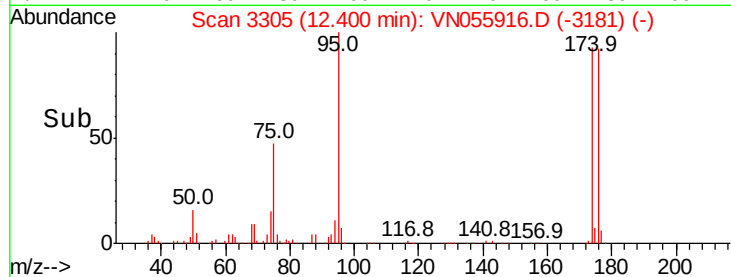
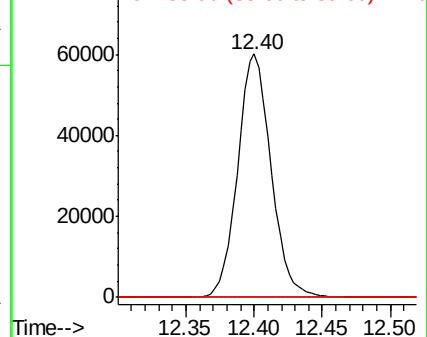
75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#



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: 13.24 min Scan# 3565

Delta R.T. 0.25 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

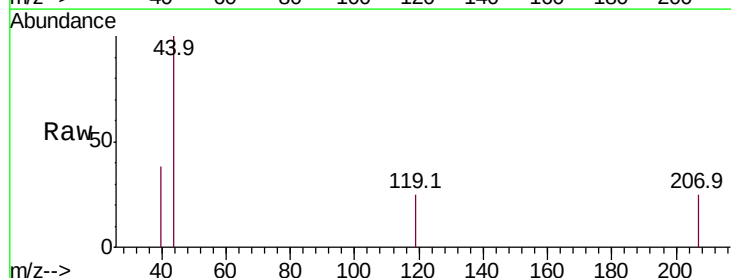
Tgt Ion: 119 Resp: 30

Ion Ratio Lower Upper

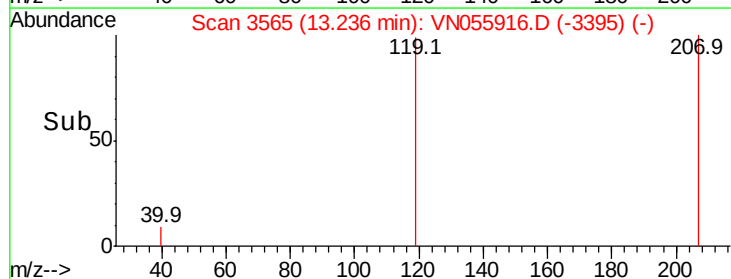
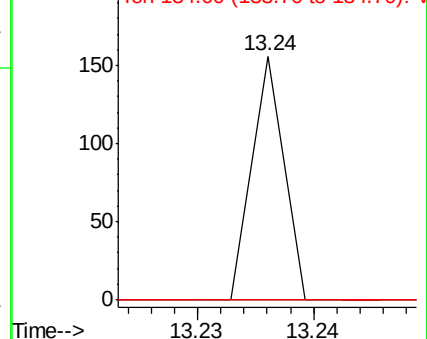
119 100

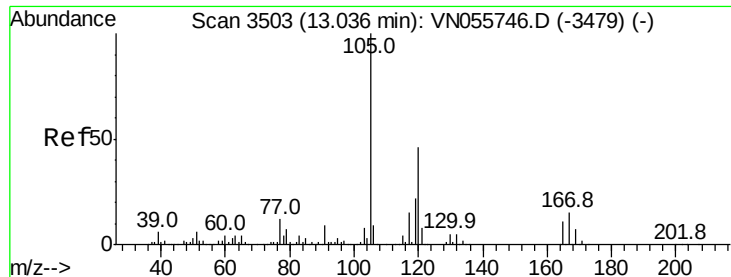
91 0.0 30.9 92.8#

134 0.0 13.3 39.8#



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

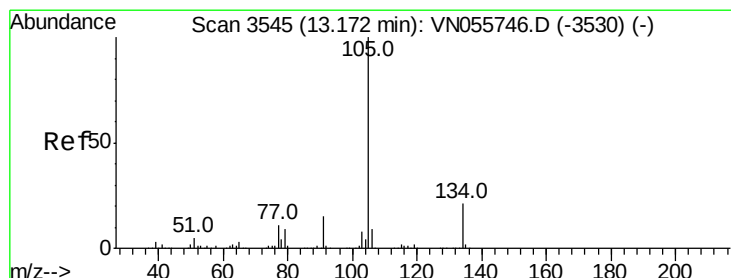
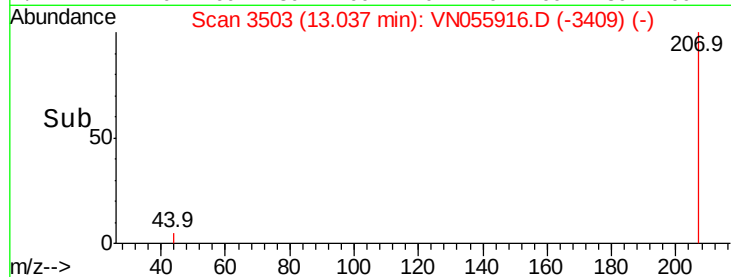
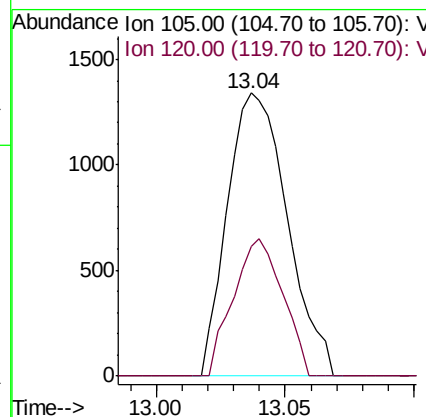
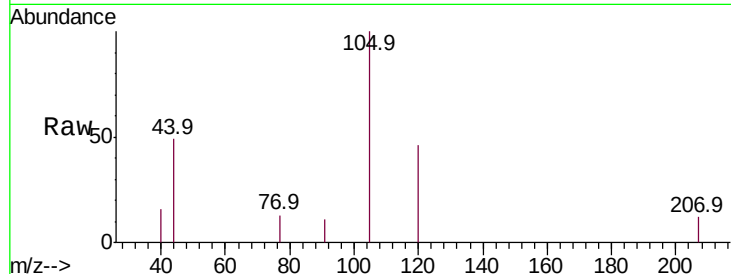




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

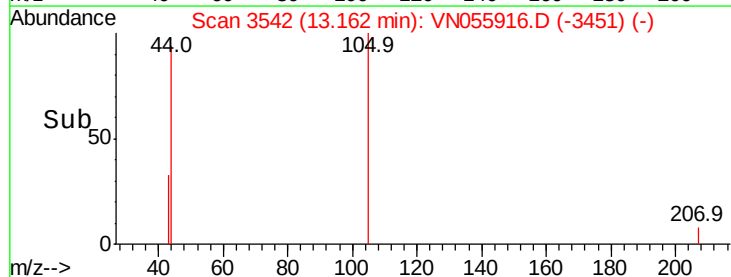
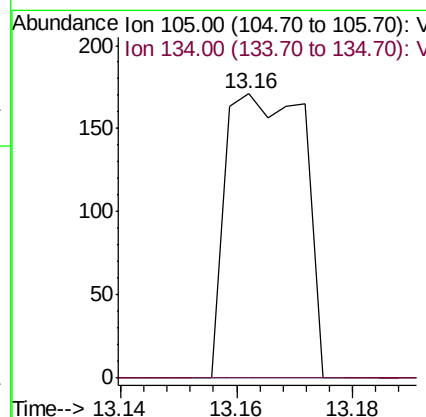
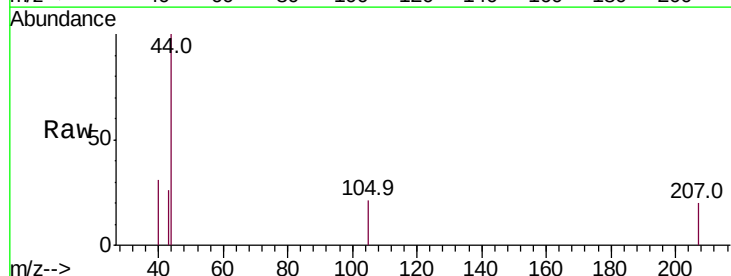
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-053019-A

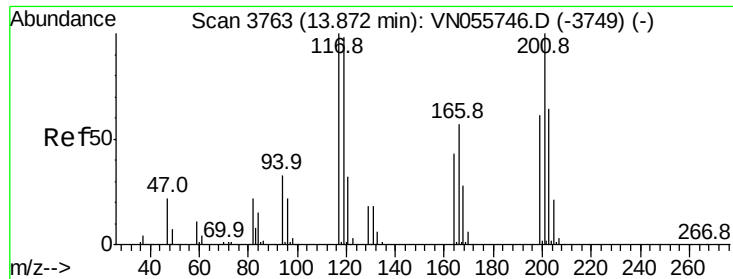
Tot Ion:105 Resp: 2175
 Ion Ratio Lower Upper
 105 100
 120 40.0 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.16 min Scan# 3542
 Delta R.T. -0.01 min
 Lab File: VN055916.D
 Acq: 31 May 2019 13:53

Tgt Ion:105 Resp: 158
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#





#90

Hexachloroethane

Concen: 0.271 ug/l

RT: 13.99 min Scan# 3800

Delta R.T. 0.12 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

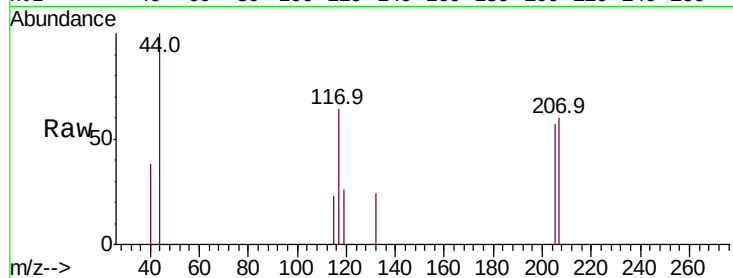
NB-07-053019-A

Tot Ion:117 Resp: 680

Ion Ratio Lower Upper

117 100

201 0.0 50.0 150.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.99

400

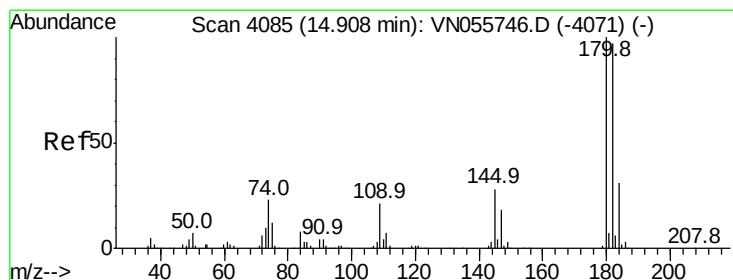
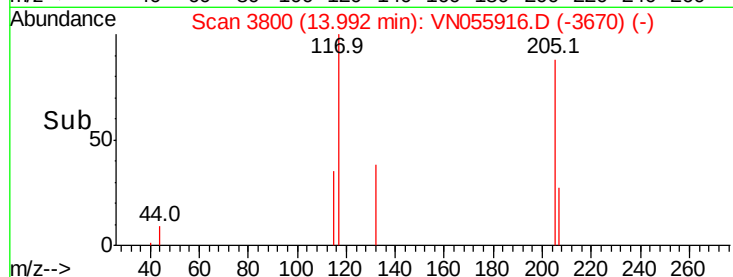
300

200

100

0

Time--> 13.96 13.98 14.00 14.02



#93

1,2,4-Trichlorobenzene

Concen: 3.673 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

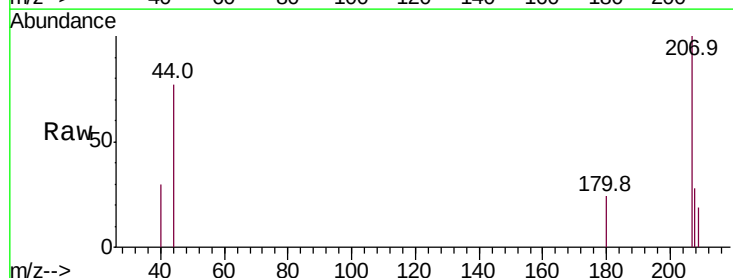
Tgt Ion:180 Resp: 144

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

145 0.0 14.0 41.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.91

250

200

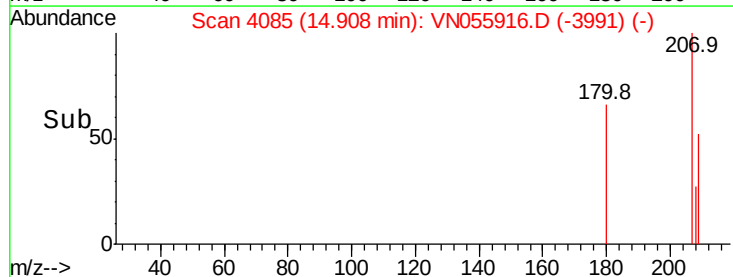
150

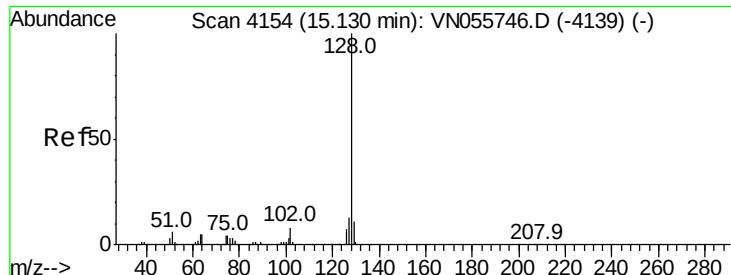
100

50

0

Time--> 14.90 14.92





#95

Naphthalene

Concen: 51.124 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055916.D

Acq: 31 May 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

NB-07-053019-A

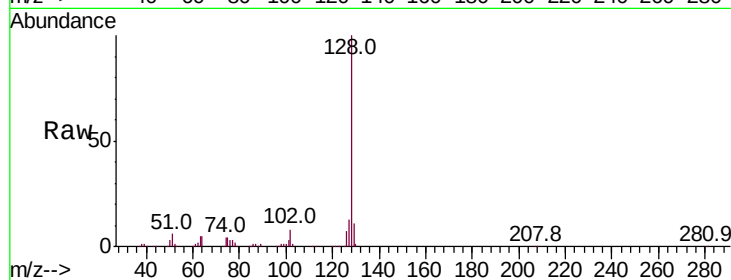
Tot Ion:128 Resp: 448282

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 8.7 13.1



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

