

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058512.D
 Acq On : 3 Oct 2019 16:06
 Operator : JC/SP
 Sample : K5143-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-100219

Quant Time: Oct 04 03:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	591036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	263725	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
35) Dibromofluoromethane	7.57	113	184515	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	745909	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.41	95	231890	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

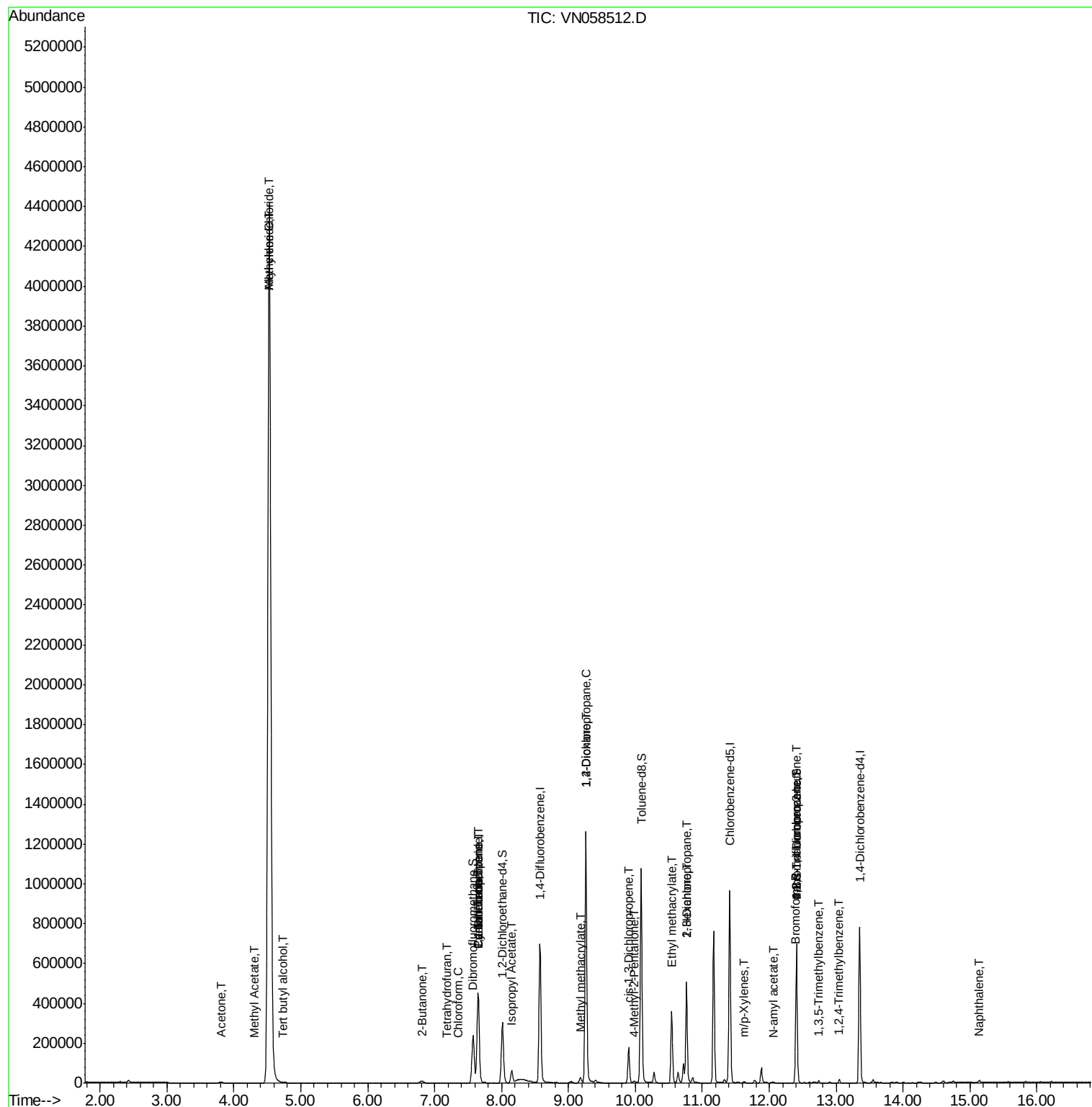
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	420	0.734	ug/l #	71
14) Allyl chloride	4.53	41	112113	18.539	ug/l #	21
16) Acetone	3.80	43	11232	6.401	ug/l	97
18) Methyl Acetate	4.30	43	1062	0.241	ug/l #	83
20) Methylene Chloride	4.53	84	3240437	800.169	ug/l	97
25) 2-Butanone	6.81	43	741	0.308	ug/l #	50
29) Tetrahydrofuran	7.20	42	491	0.321	ug/l #	34
30) Chloroform	7.35	83	2287	0.308	ug/l #	72
31) Cyclohexane	7.65	56	9857	1.384	ug/l #	31
36) 1,1-Dichloropropene	7.65	75	31421	5.560	ug/l #	50
38) Carbon Tetrachloride	7.65	117	37253	7.303	ug/l #	15
43) Isopropyl Acetate	8.15	43	73309	8.136	ug/l	100
45) 1,2-Dichloropropane	9.26	63	1429	0.328	ug/l #	43
48) Methyl methacrylate	9.17	41	4446	1.084	ug/l #	13
49) 1,4-Dioxane	9.27	88	217	3.956	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5710	1.234	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	30392	4.812	ug/l #	66
56) Ethyl methacrylate	10.54	69	1379	0.244	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4727	0.712	ug/l #	43
59) 2-Hexanone	10.76	43	79478	23.584	ug/l #	53
60) Dibromochloromethane	10.90	129	30	Below Cal	#	11
68) m/p-Xylenes	11.63	106	1949	0.277	ug/l	98
71) Bromoform	12.39	173	39	0.711	ug/l #	1
74) N-amyl acetate	12.05	43	1466	0.255	ug/l #	45
76) 1,2,3-Trichloropropane	12.41	75	130865	36.653	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4797	0.397	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.41	75	130865	111.320	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	8563	0.707	ug/l	97
95) Naphthalene	15.14	128	9486	0.965	ug/l	98

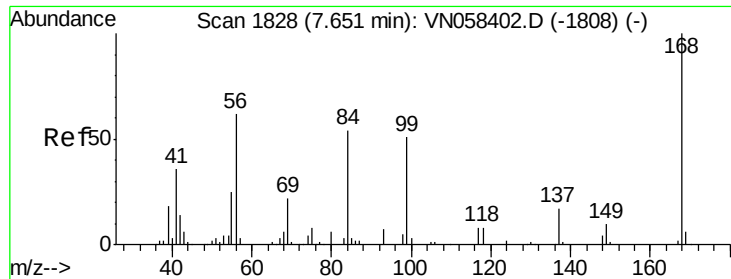
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

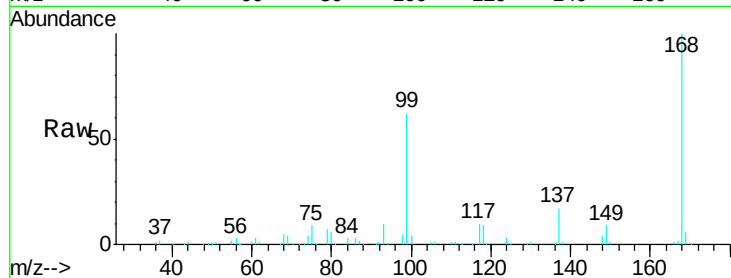
NB-08-100219

Tgt Ion:168 Resp: 352266

Ion Ratio Lower Upper

168 100

99 61.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

150000

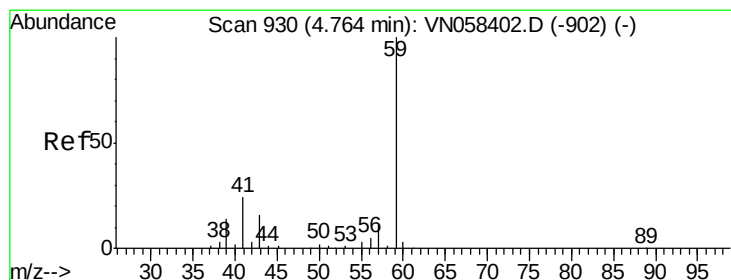
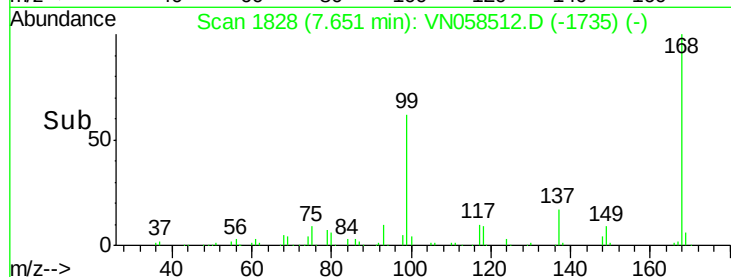
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.734 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN058512.D

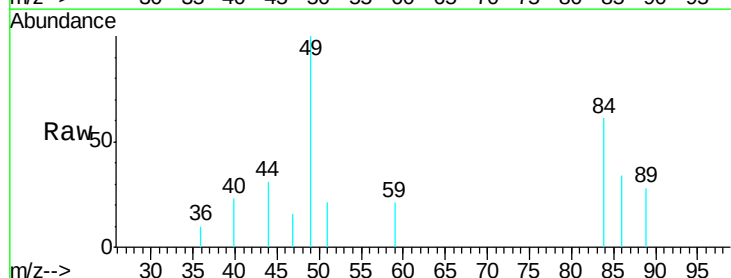
Acq: 3 Oct 2019 16:06

Tgt Ion: 59 Resp: 420

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN058402.D (-902) (-)

Ion 57.00 (56.70 to 57.70): VN058402.D (-902) (-)

4.73

300

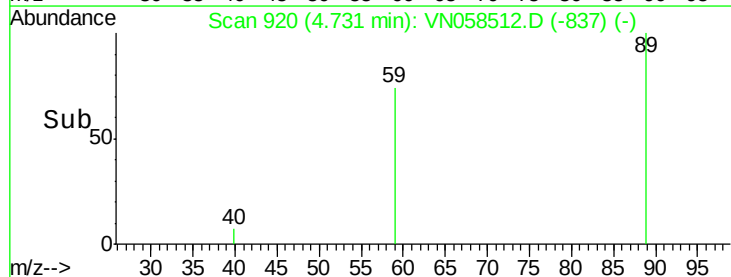
200

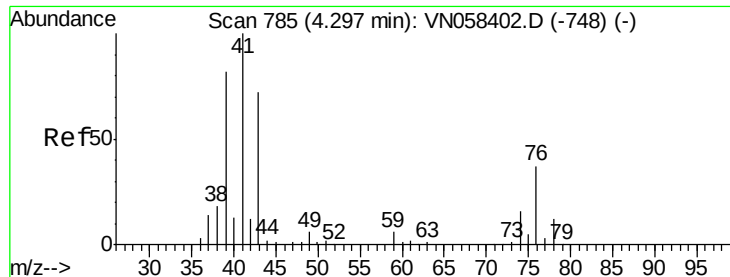
100

0

4.70 4.72 4.74

Time-->





#14

Allyl chloride

Concen: 18.539 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.23 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

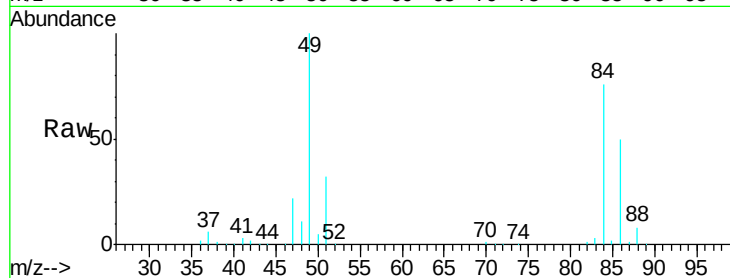
Tgt Ion: 41 Resp: 112113

Ion Ratio Lower Upper

41 100

39 1.5 62.3 93.5#

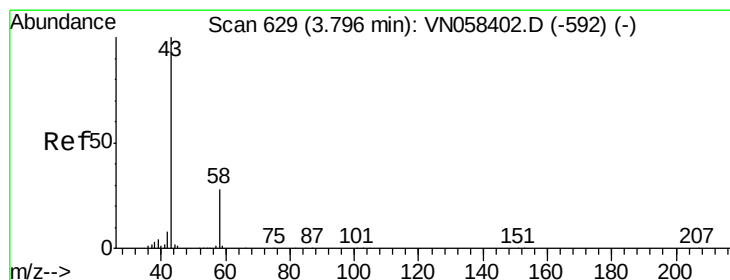
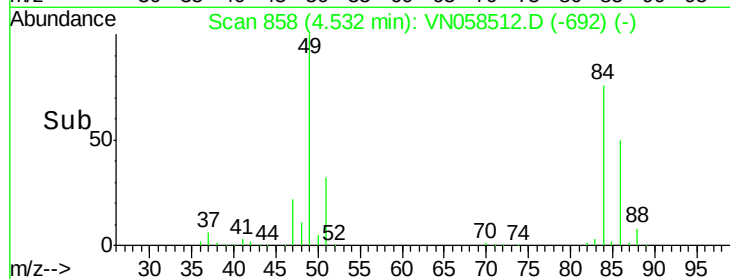
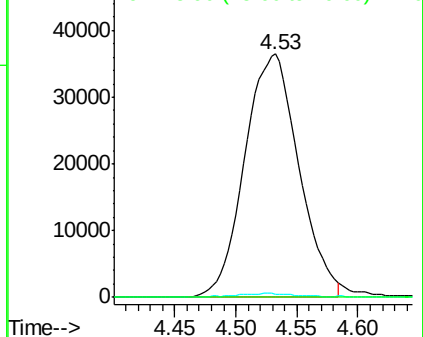
76 0.0 26.9 40.3#



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: 6.401 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058512.D

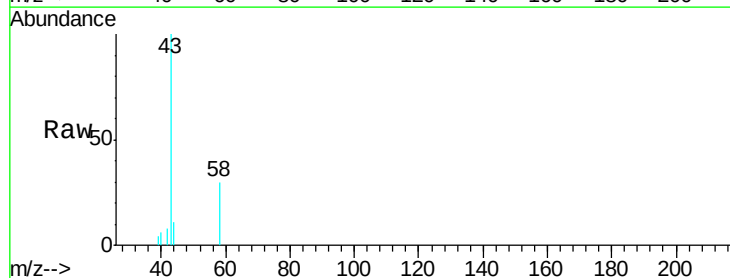
Acq: 3 Oct 2019 16:06

Tgt Ion: 43 Resp: 11232

Ion Ratio Lower Upper

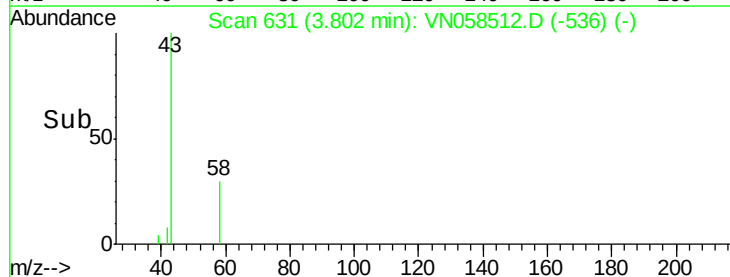
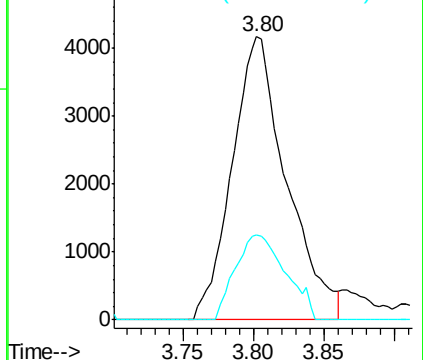
43 100

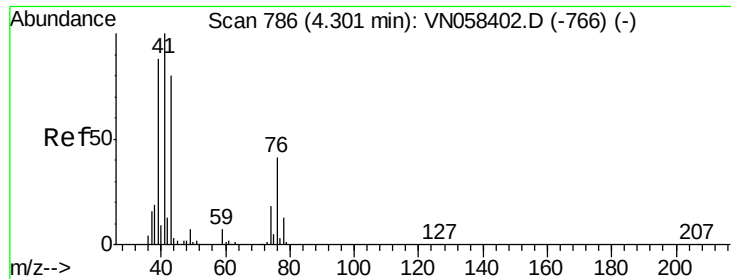
58 29.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

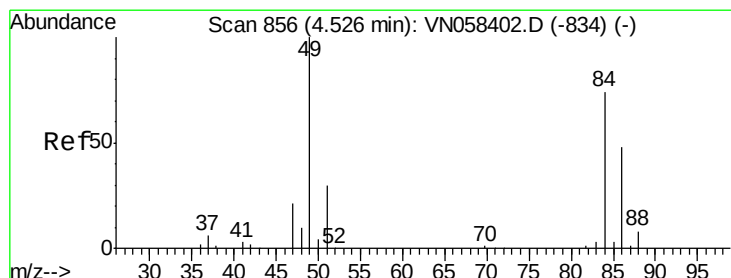
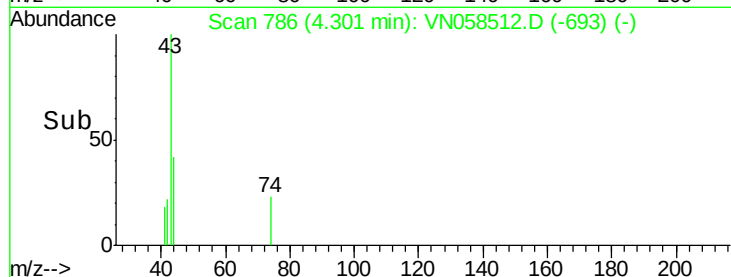
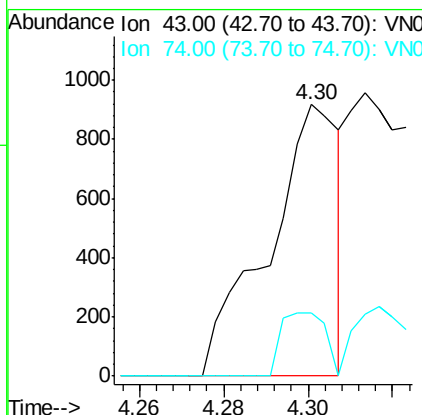
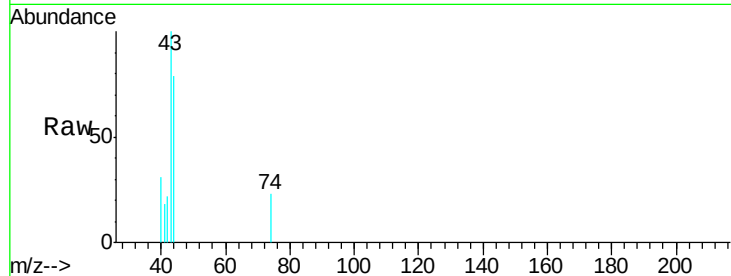




#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

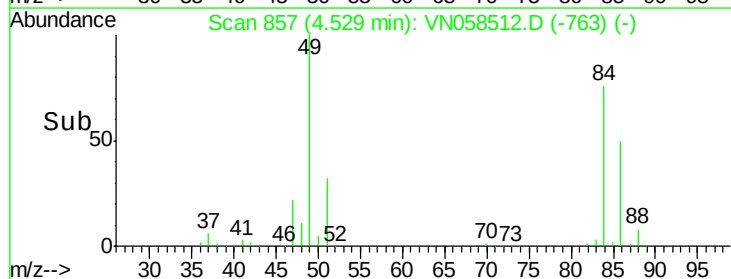
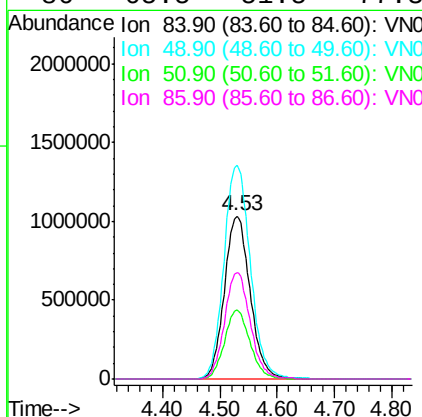
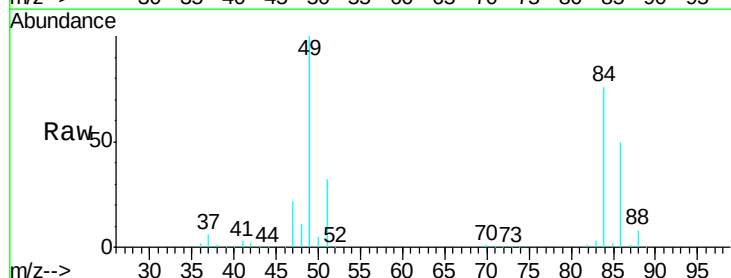
Instrument :
MSVOA_N
ClientSampled :
NB-08-100219

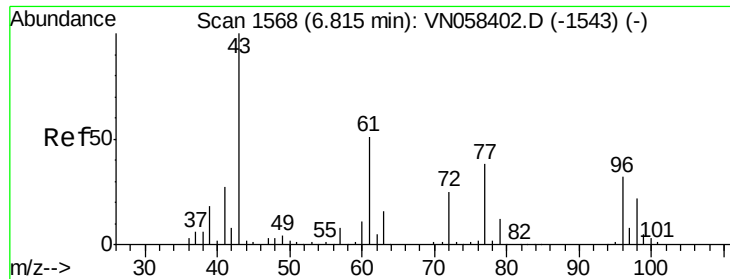
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
74 14.5 18.0 27.0#



#20
Methylene Chloride
Concen: 800.169 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Tgt Ion: 84 Resp: 3240437
Ion Ratio Lower Upper
84 100
49 131.1 107.9 161.9
51 42.4 32.8 49.2
86 65.5 51.5 77.3





#25

2-Butanone

Concen: 0.308 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

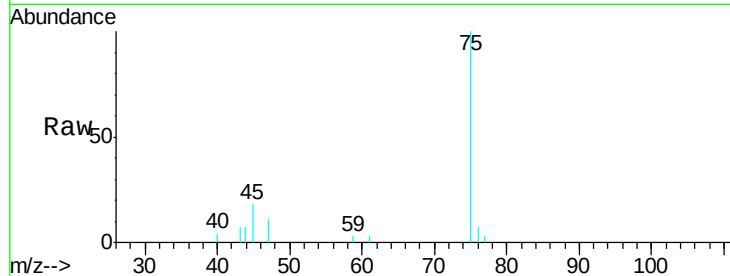
NB-08-100219

Tgt Ion: 43 Resp: 741

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#

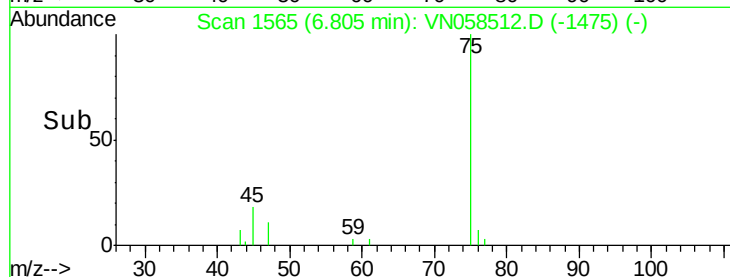


Abundance Ion 43.00 (42.70 to 43.70): VN0

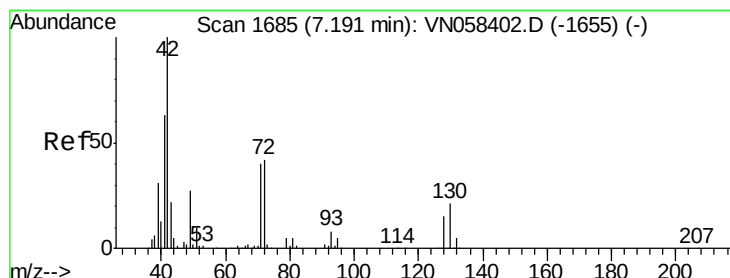
Ion 72.00 (71.70 to 72.70): VN0

6.81

6.82



Time-->



#29

Tetrahydrofuran

Concen: 0.321 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

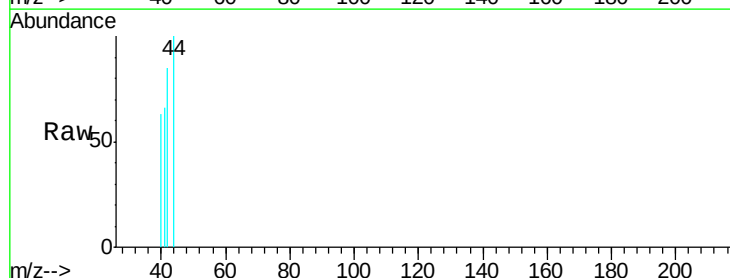
Tgt Ion: 42 Resp: 491

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.8 47.6#



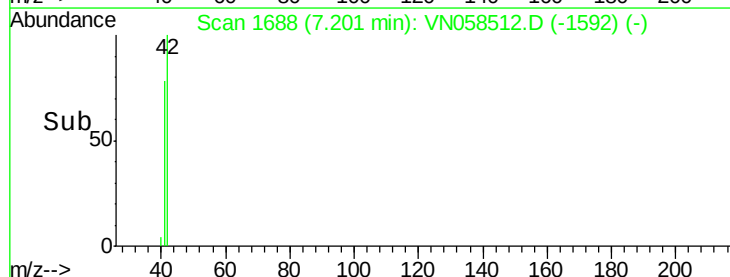
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

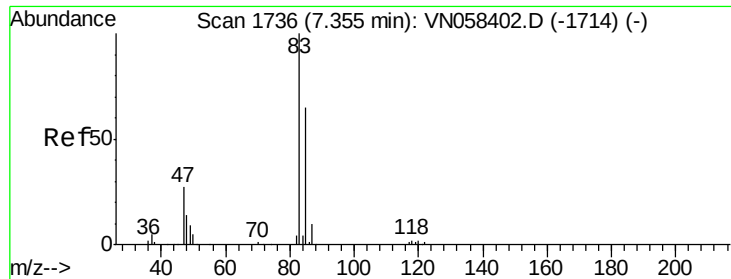
Ion 71.00 (70.70 to 71.70): VN0

7.20

7.22



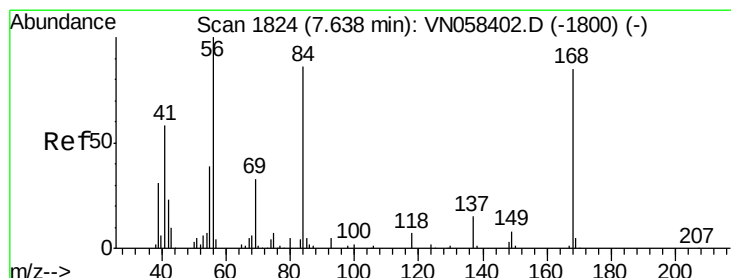
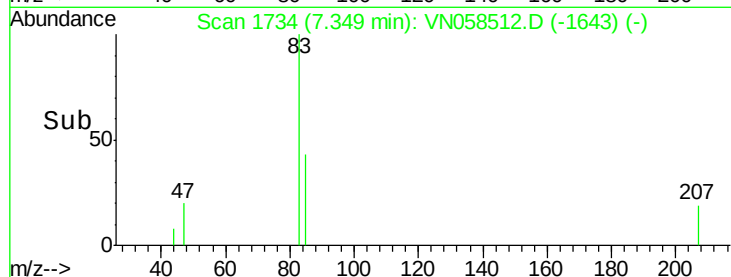
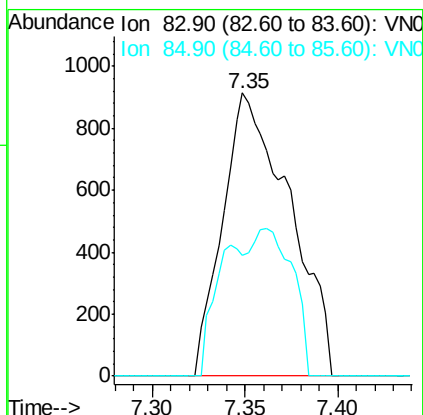
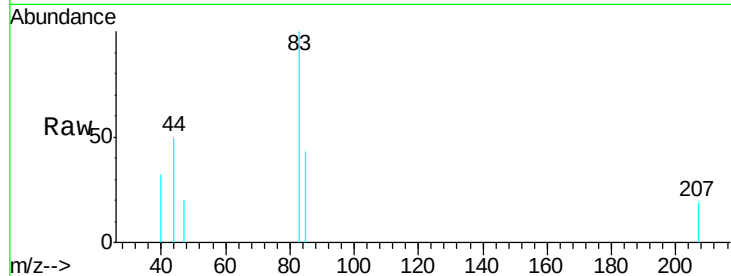
Time-->



#30
Chloroform
Concen: 0.308 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

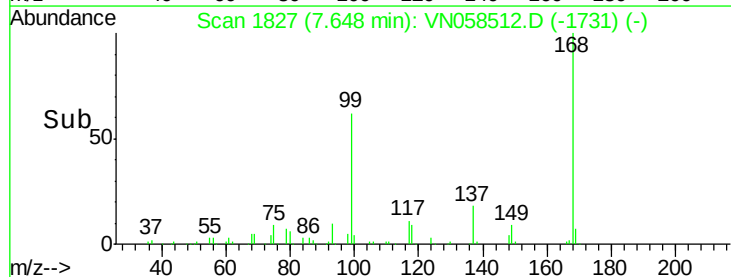
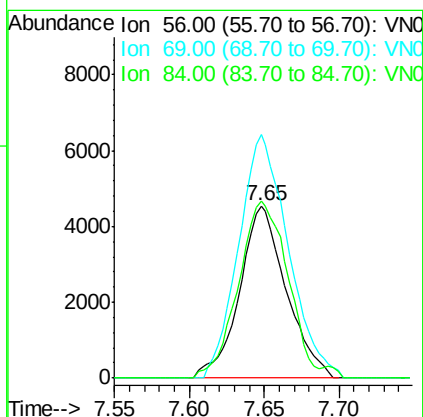
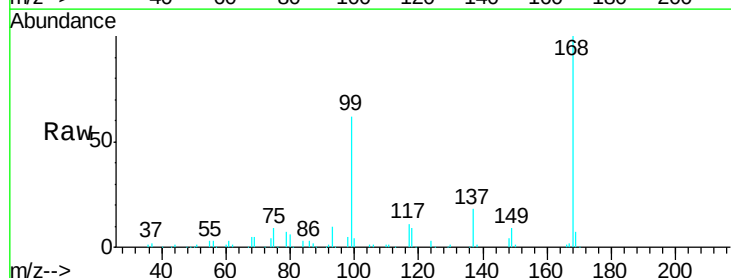
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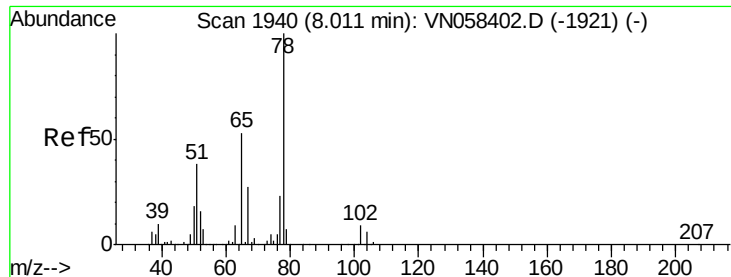
Tgt Ion: 83 Resp: 2287
Ion Ratio Lower Upper
83 100
85 42.9 52.0 78.0#



#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Tgt Ion: 56 Resp: 9857
Ion Ratio Lower Upper
56 100
69 141.5 26.2 39.4#
84 103.2 67.6 101.4#

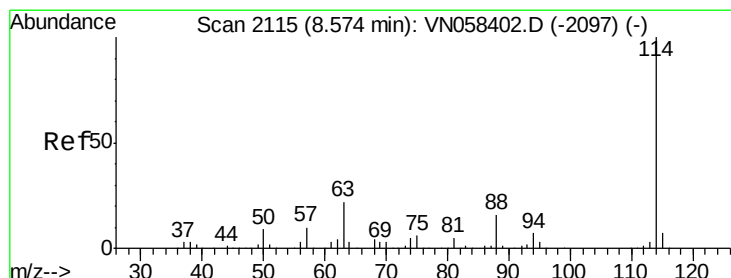
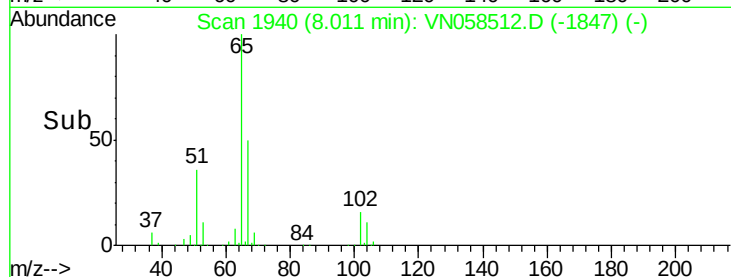
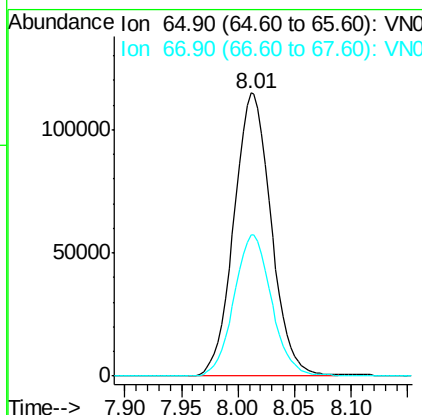
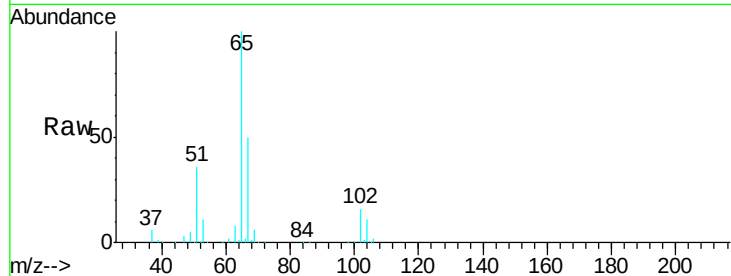




#33
 1,2-Dichloroethane-d4
 Concen: 51.231 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

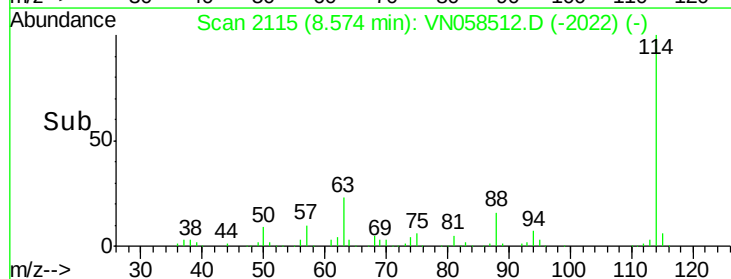
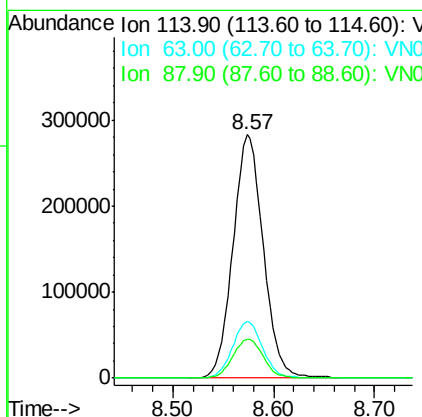
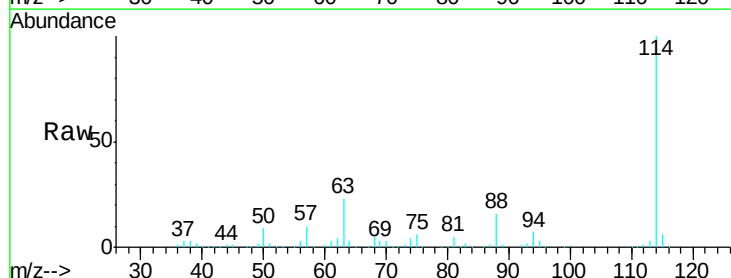
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 ClientSampled :
 NB-08-100219

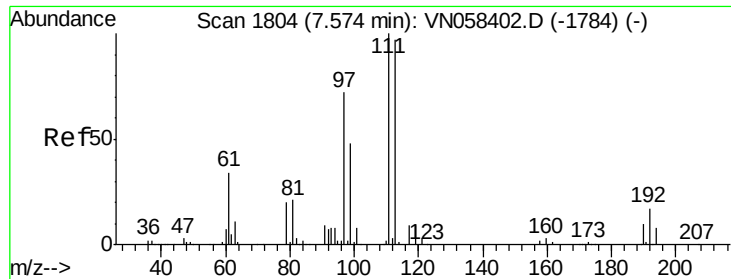
Tgt Ion: 65 Resp: 263725
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

Tgt Ion: 114 Resp: 591036
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 16.1 0.0 32.2

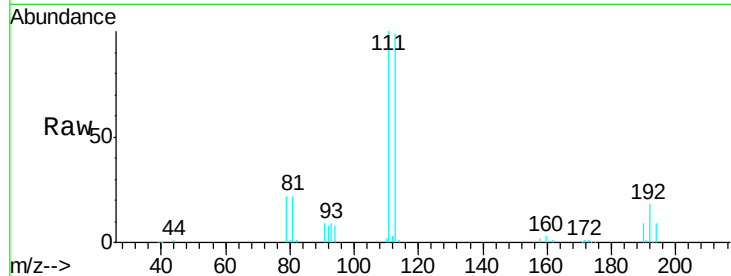




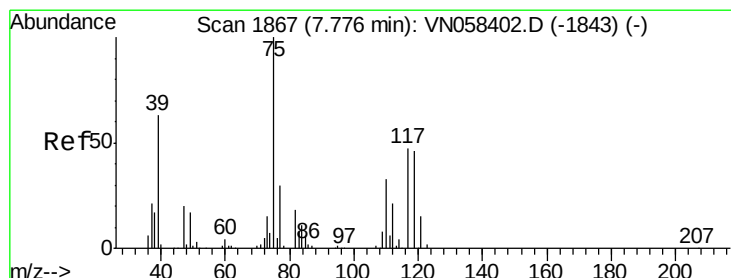
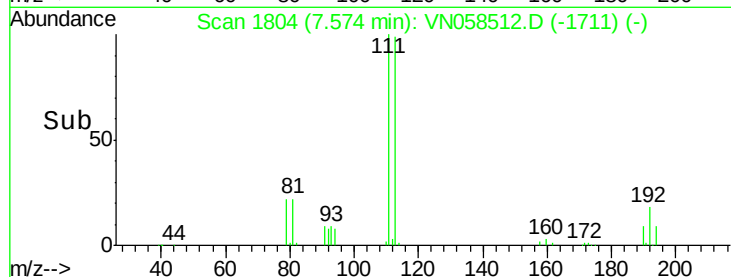
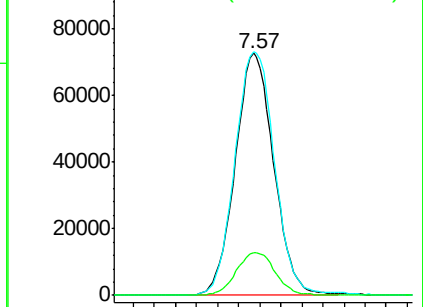
#35
 Dibromofluoromethane
 Concen: 50.937 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-100219

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	17.8	14.9	22.3

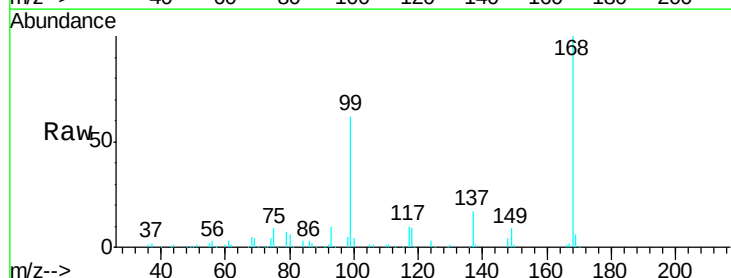


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

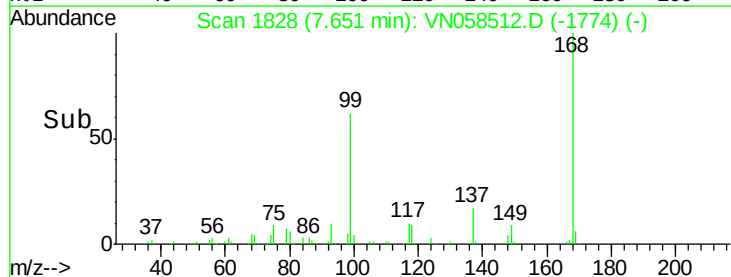
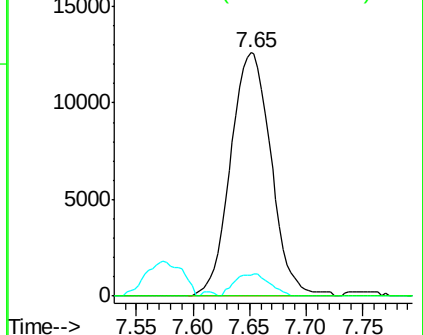


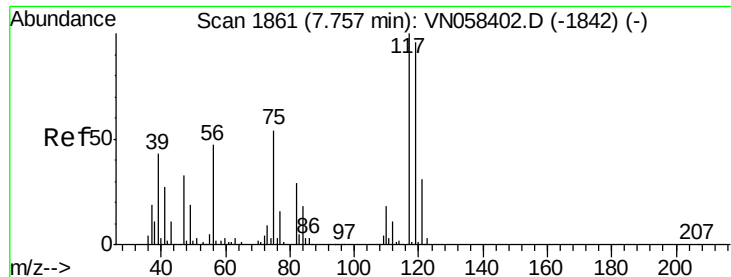
#36
 1,1-Dichloropropene
 Concen: 5.560 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.4	49.2#
77	0.0	24.3	36.5#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 7.303 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

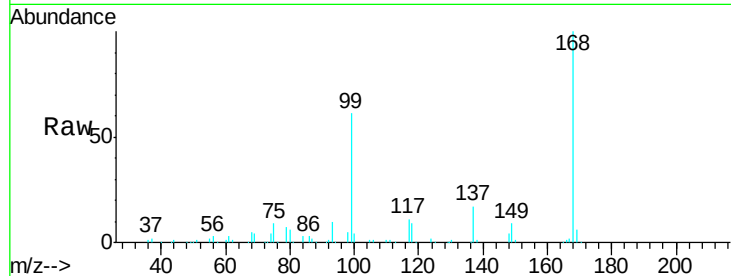
Tgt Ion:117 Resp: 37253

Ion Ratio Lower Upper

117 100

119 4.4 76.6 115.0#

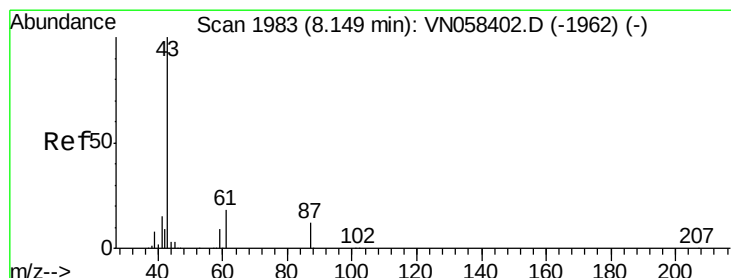
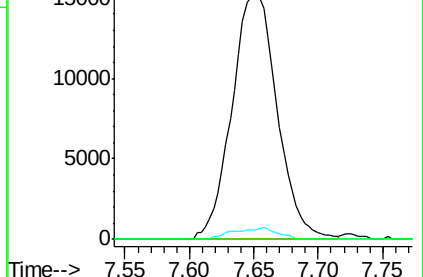
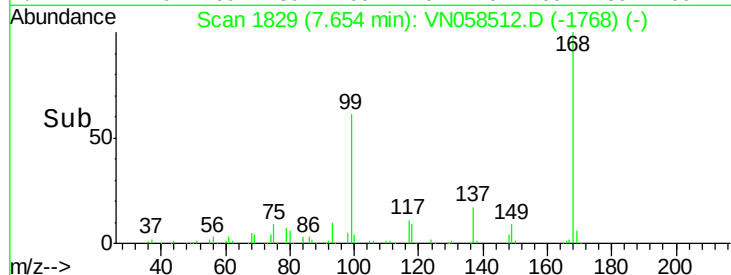
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 8.136 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

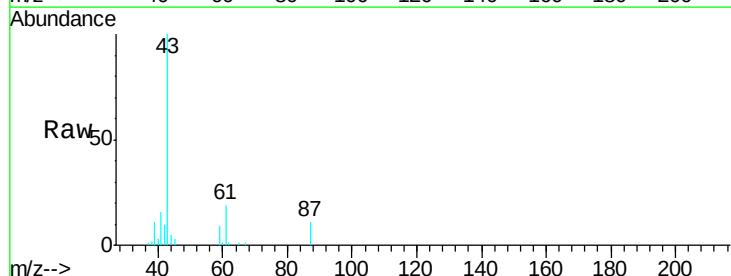
Tgt Ion: 43 Resp: 73309

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

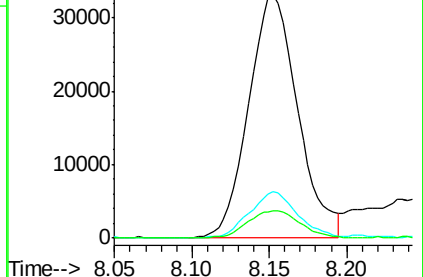
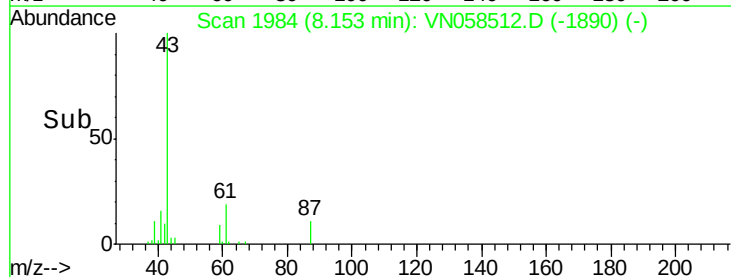
87 12.0 9.7 14.5

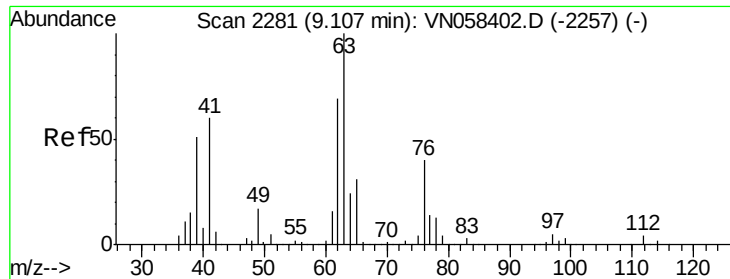


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

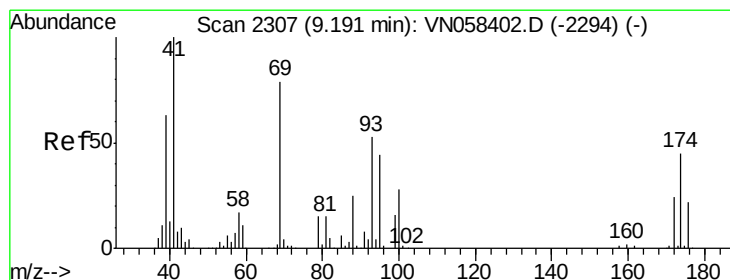
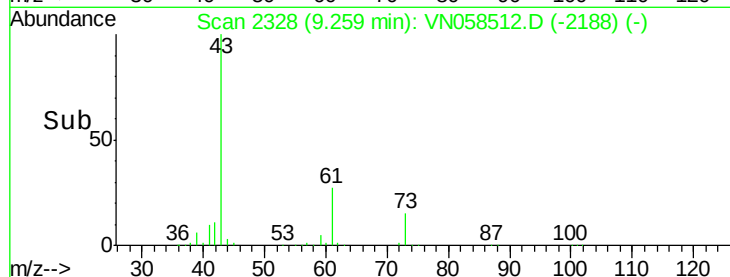
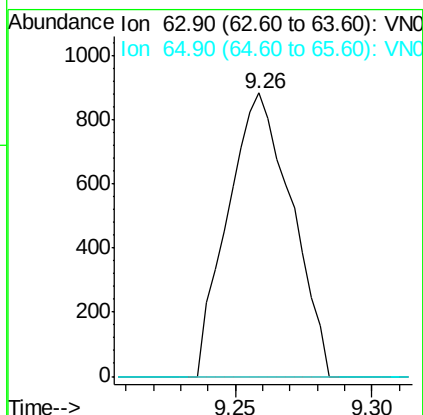
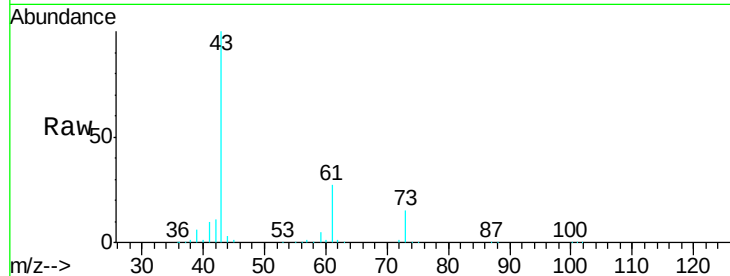




#45
 1,2-Dichloropropane
 Concen: 0.328 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.15 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

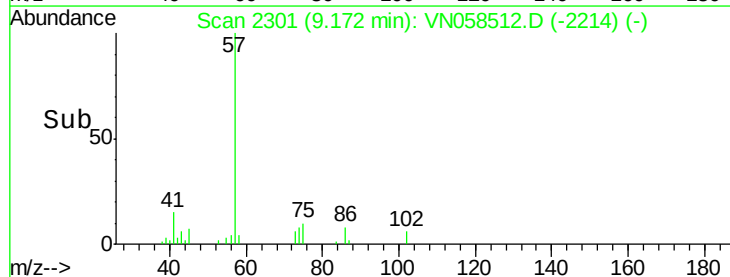
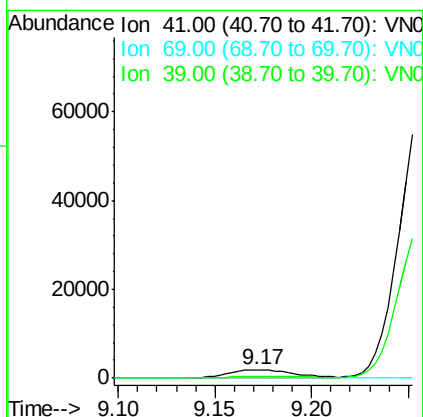
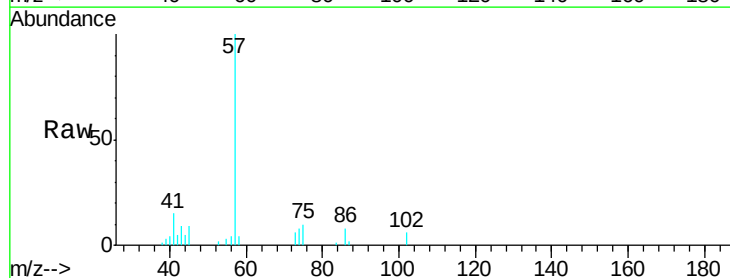
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-100219

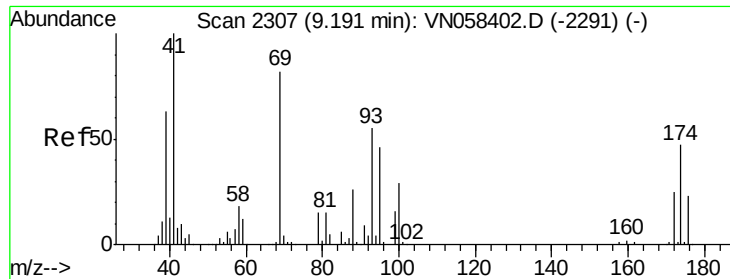
Tgt Ion: 63 Resp: 1429
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.084 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

Tgt Ion: 41 Resp: 4446
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.7 97.1#
 39 0.0 52.9 79.3#





#49

1,4-Dioxane

Concen: 3.956 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

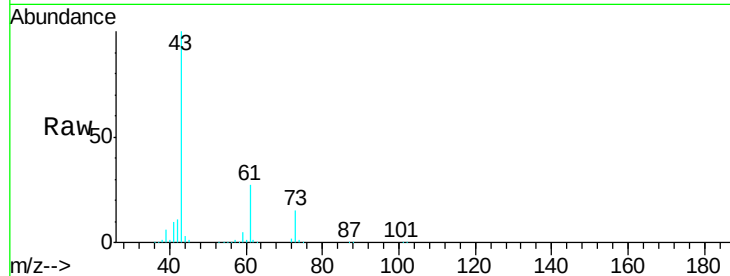
Tgt Ion: 88 Resp: 217

Ion Ratio Lower Upper

88 100

43 586861.8 31.1 46.7#

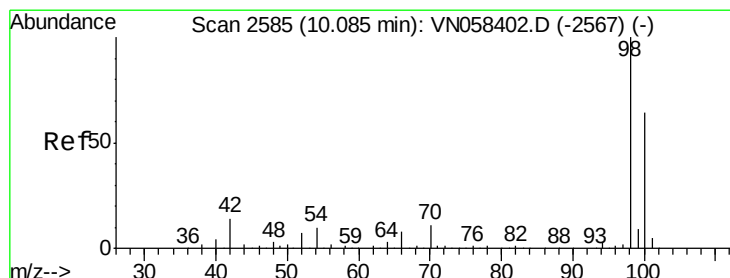
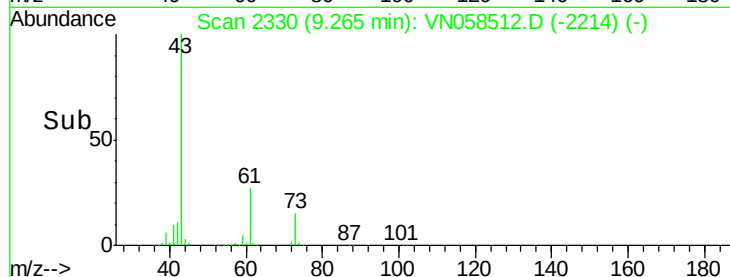
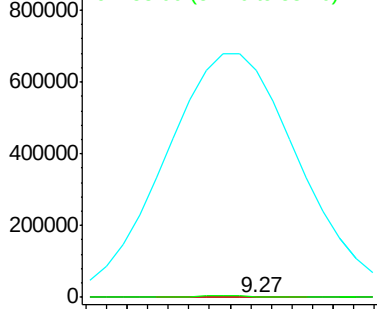
58 2857.1 58.1 87.1#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.564 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058512.D

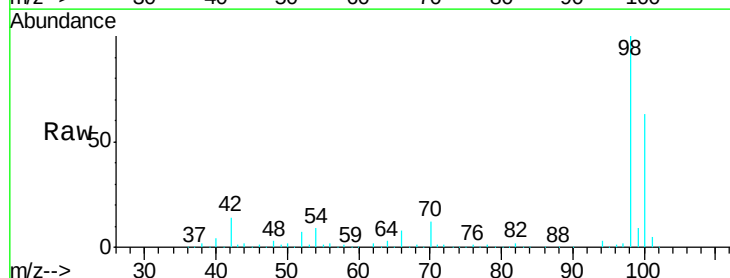
Acq: 3 Oct 2019 16:06

Tgt Ion: 98 Resp: 745909

Ion Ratio Lower Upper

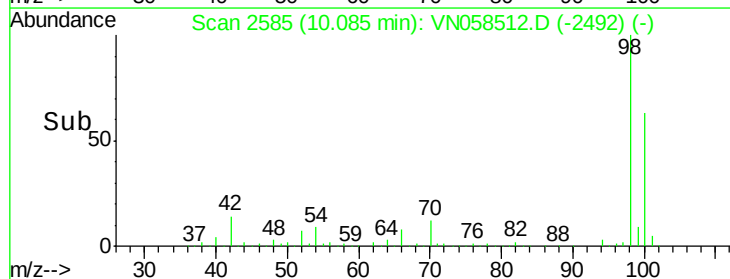
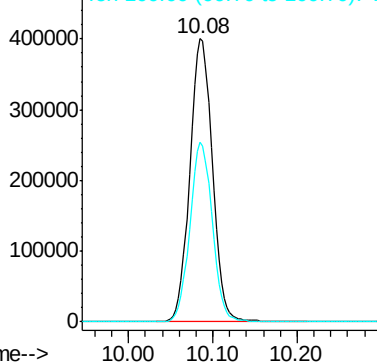
98 100

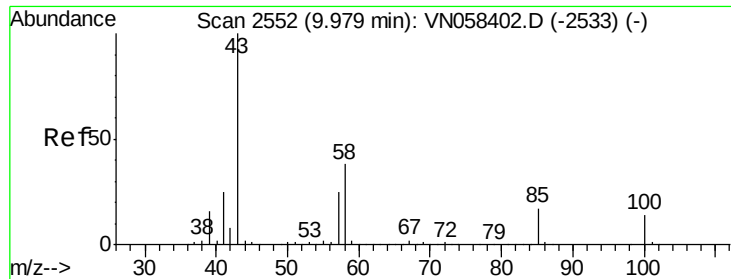
100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

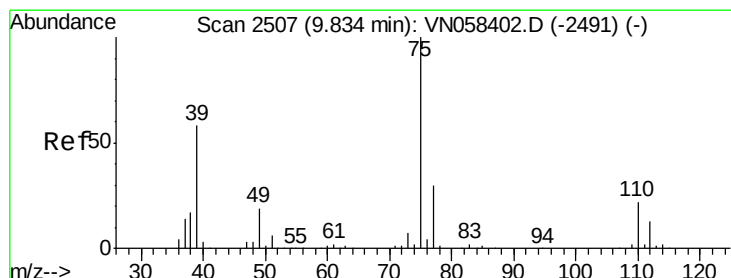
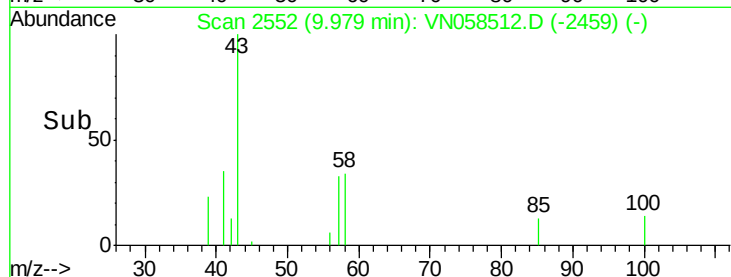
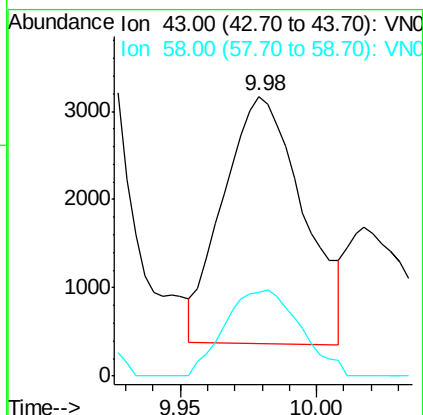
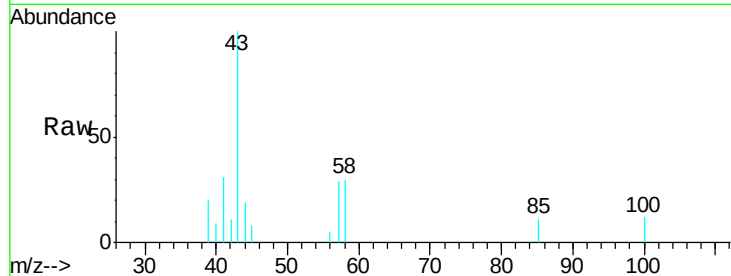




#51
 4-Methyl-2-Pentanone
 Concen: 1.234 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

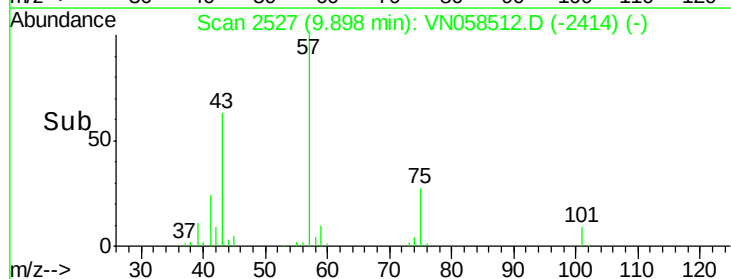
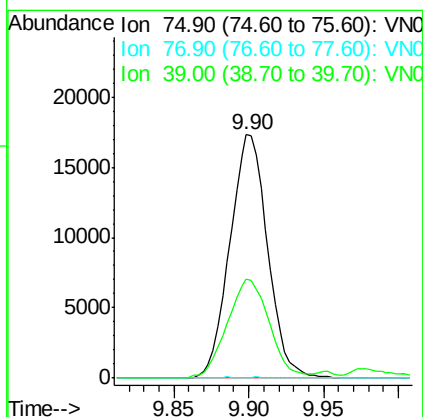
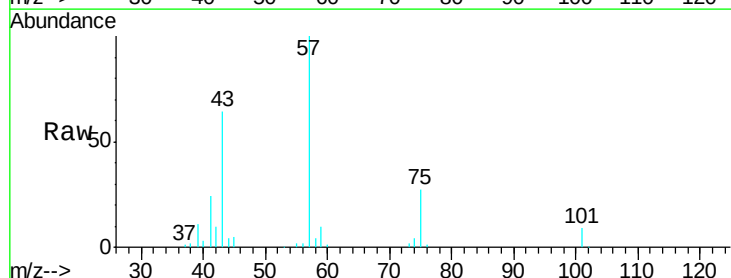
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-100219

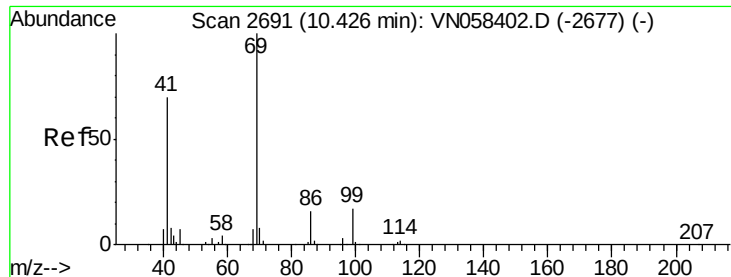
Tgt Ion: 43 Resp: 5710
 Ion Ratio Lower Upper
 43 100
 58 32.7 30.2 45.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.812 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058512.D
 Acq: 3 Oct 2019 16:06

Tgt Ion: 75 Resp: 30392
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.4#
 39 40.8 46.4 69.6#





#56

Ethyl methacrylate

Concen: 0.244 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampled :

NB-08-100219

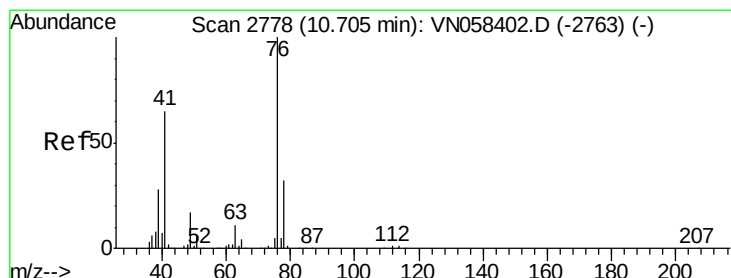
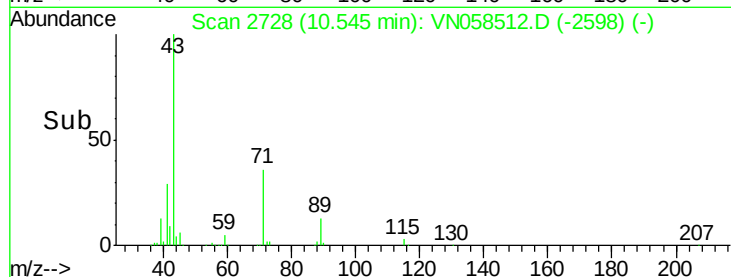
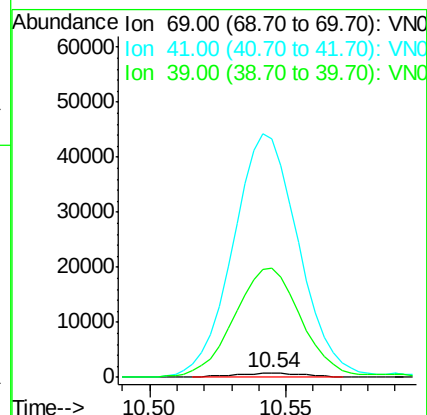
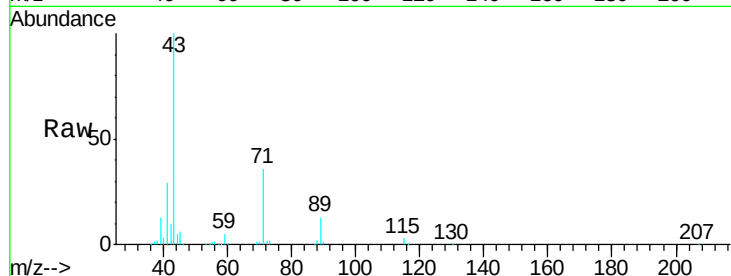
Tgt Ion: 69 Resp: 1379

Ion Ratio Lower Upper

69 100

41 5380.4 56.3 84.5#

39 2501.6 35.8 53.6#



#57

1,3-Dichloropropane

Concen: 0.712 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058512.D

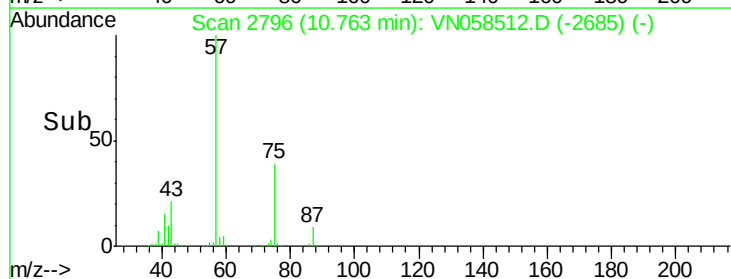
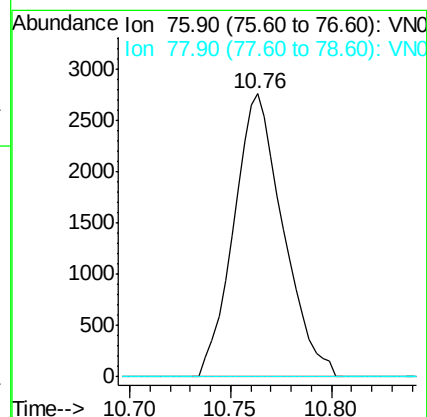
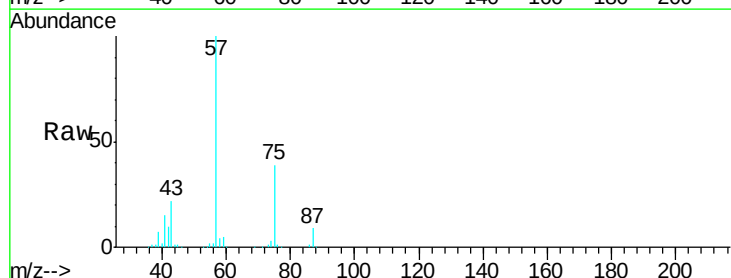
Acq: 3 Oct 2019 16:06

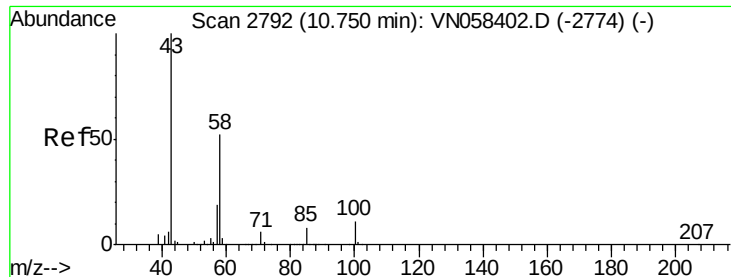
Tgt Ion: 76 Resp: 4727

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

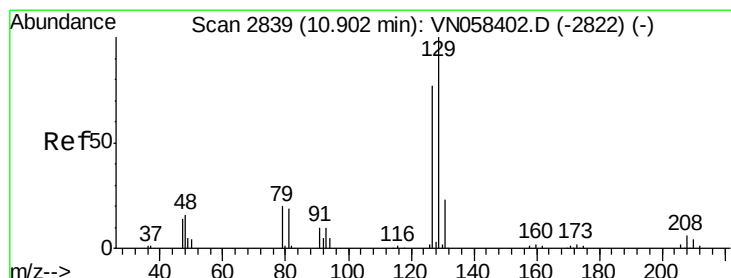
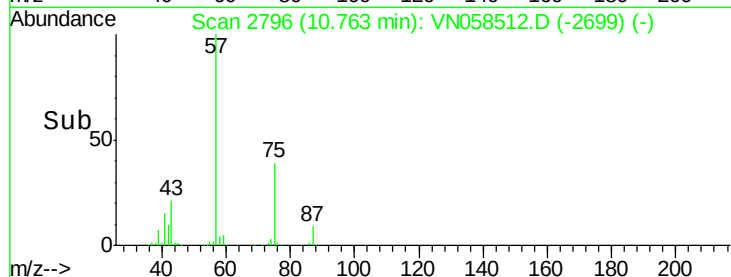
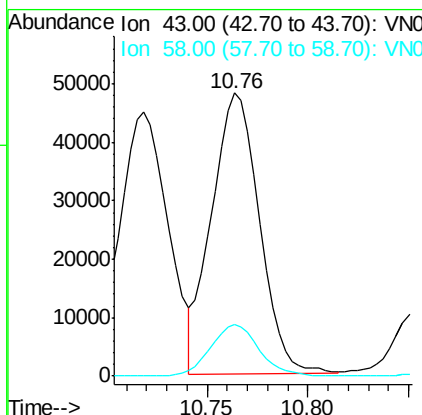
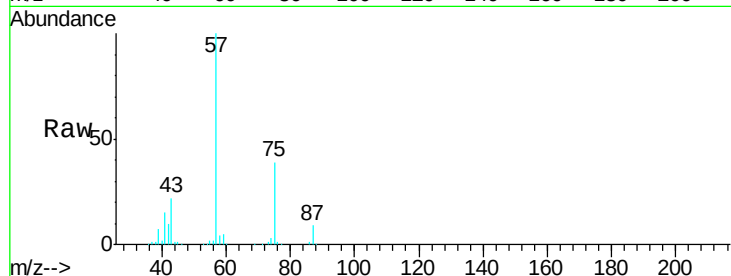




#59
2-Hexanone
Concen: 23.584 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

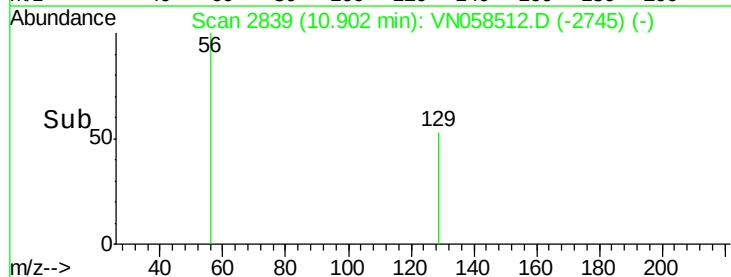
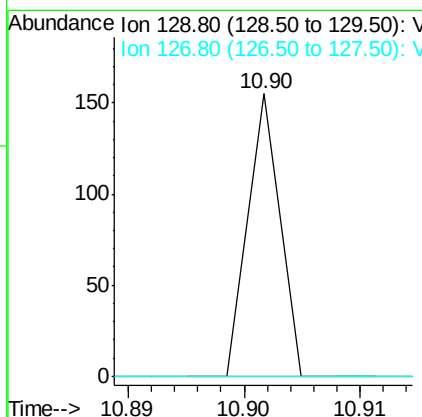
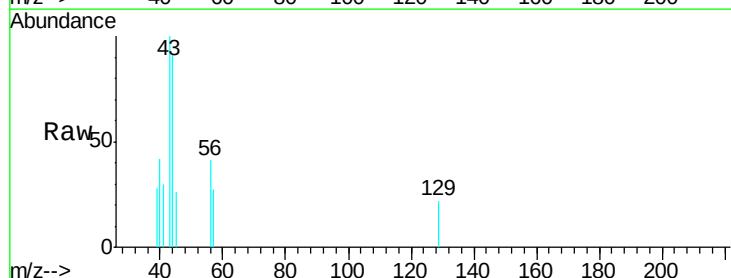
Instrument :
MSVOA_N
ClientSampled :
NB-08-100219

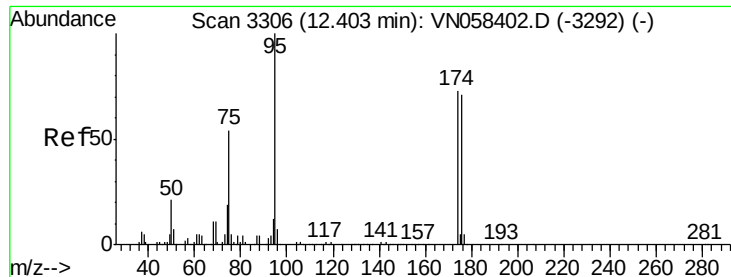
Tgt Ion: 43 Resp: 79478
Ion Ratio Lower Upper
43 100
58 18.5 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Tgt Ion: 129 Resp: 30
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 45.194 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

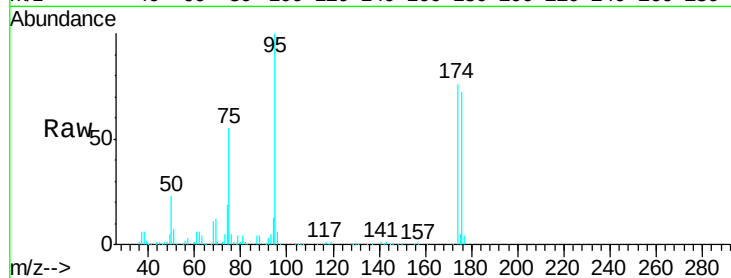
Tgt Ion: 95 Resp: 231890

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.6

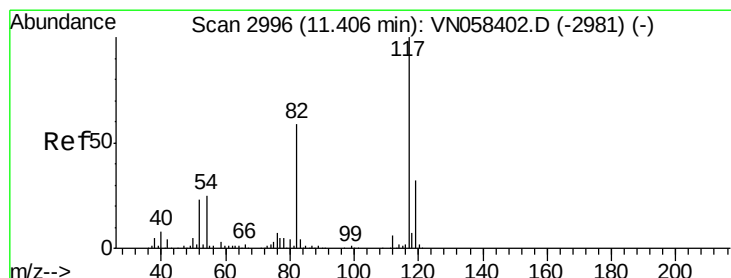
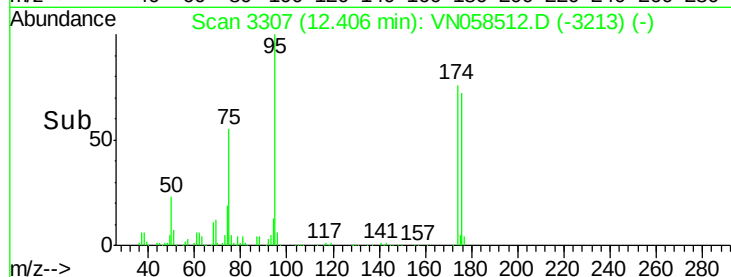
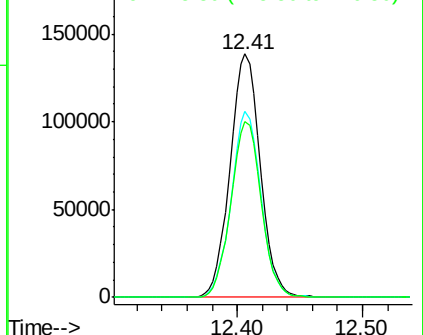
176 72.4 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

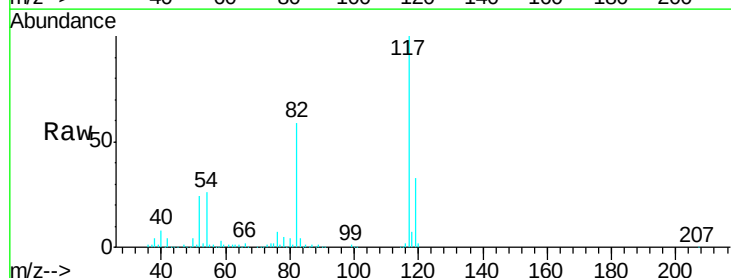
Tgt Ion: 117 Resp: 519932

Ion Ratio Lower Upper

117 100

82 59.2 47.4 71.0

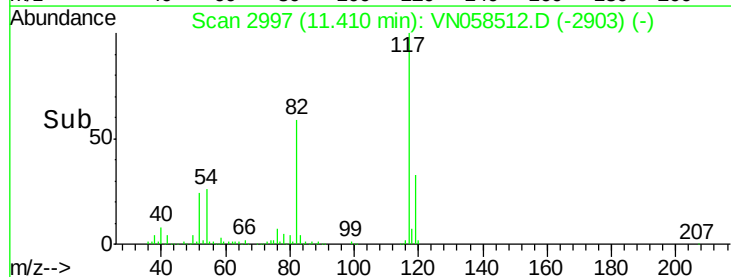
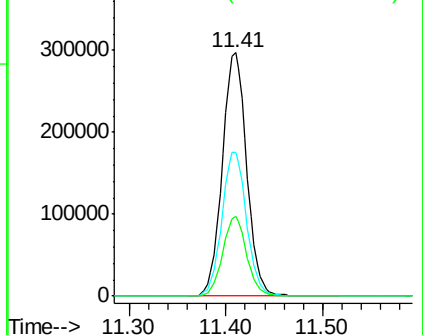
119 32.8 25.5 38.3

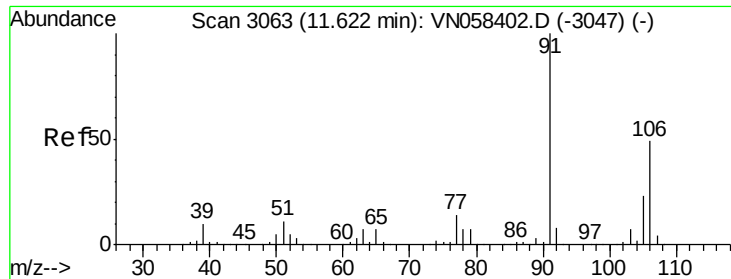


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

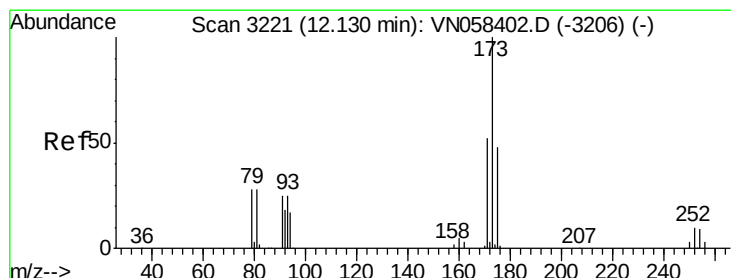
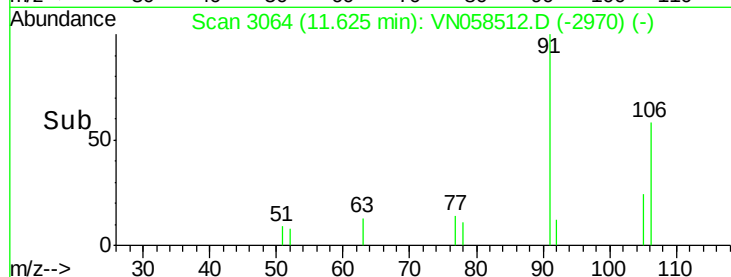
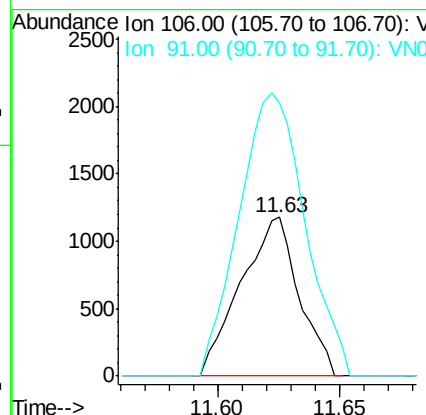
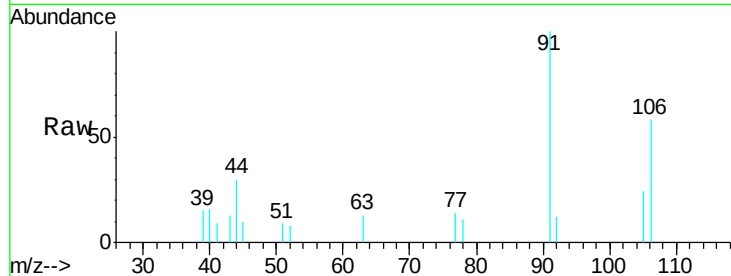




#68
m/p-Xylenes
Concen: 0.277 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

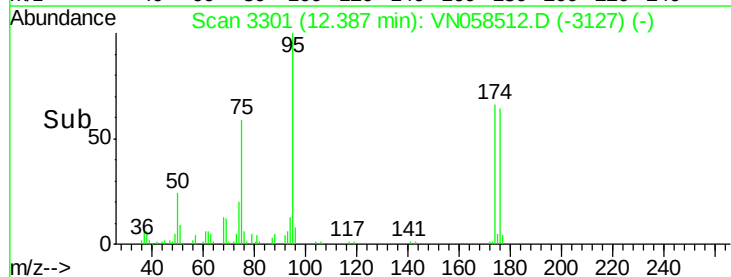
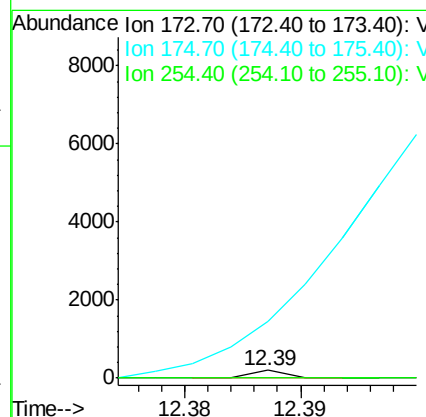
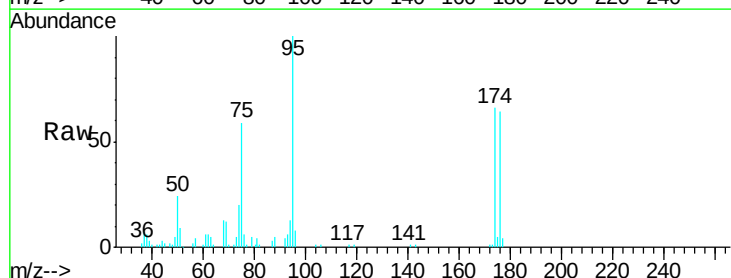
Instrument :
MSVOA_N
ClientSampleId :
NB-08-100219

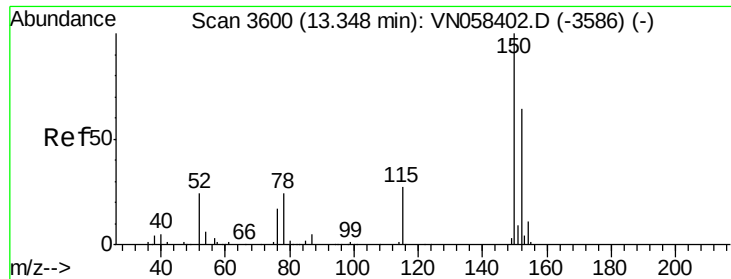
Tgt Ion:106 Resp: 1949
Ion Ratio Lower Upper
106 100
91 202.5 165.0 247.4



#71
Bromoform
Concen: 0.711 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Tgt Ion:173 Resp: 39
Ion Ratio Lower Upper
173 100
175 26141.0 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampled :

NB-08-100219

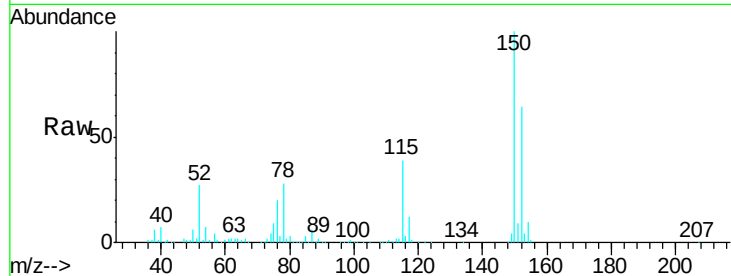
Tgt Ion:152 Resp: 195475

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

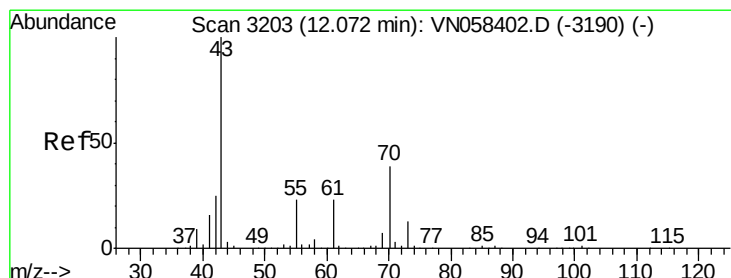
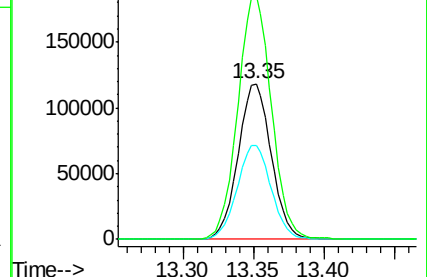
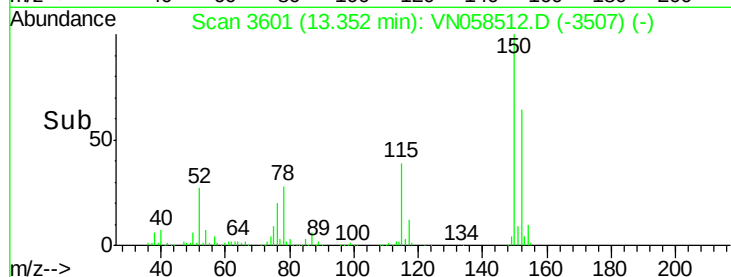
150 158.5 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.255 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Tgt Ion: 43 Resp: 1466

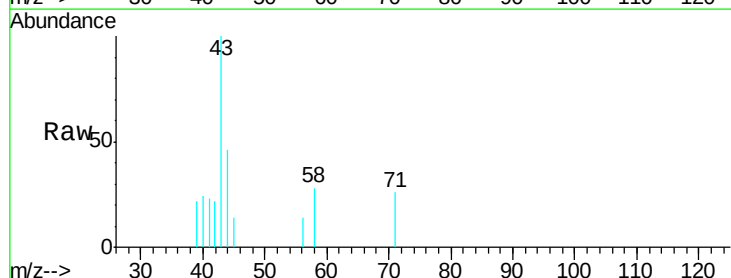
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 0.0 18.2 27.4#

61 0.0 18.3 27.5#

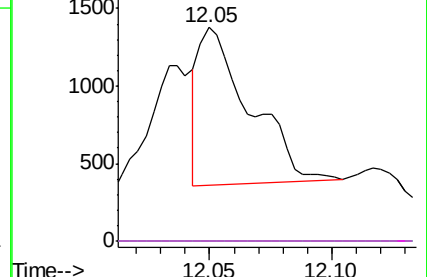
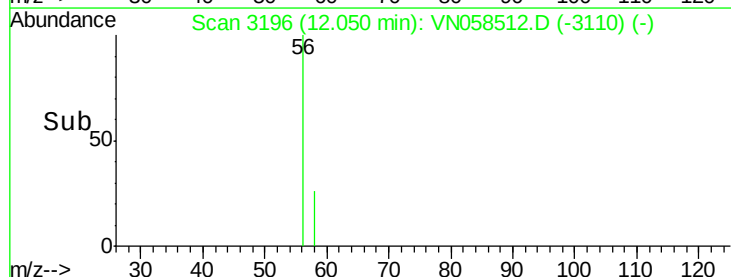


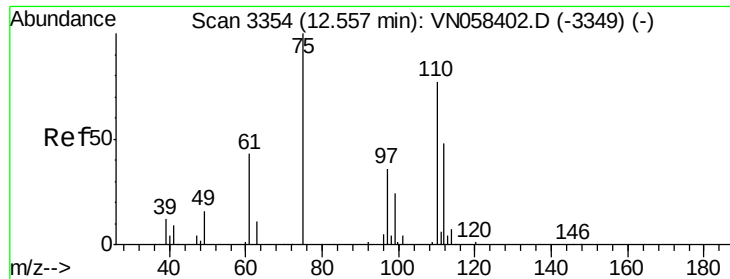
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 36.653 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampled :

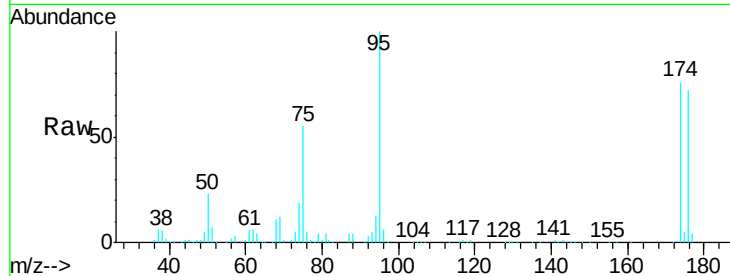
NB-08-100219

Tgt Ion: 75 Resp: 130865

Ion Ratio Lower Upper

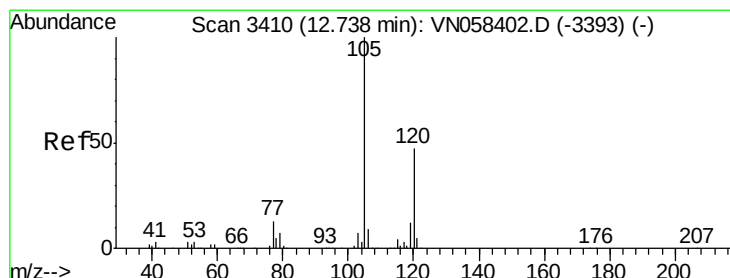
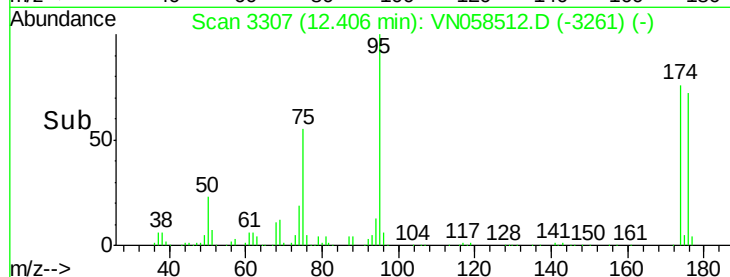
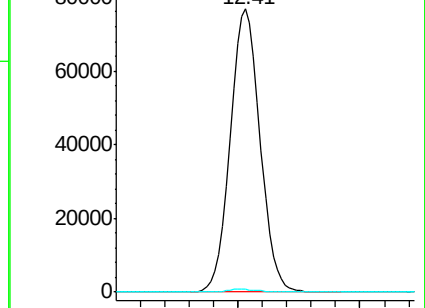
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058402.D (-3349) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.397 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058512.D

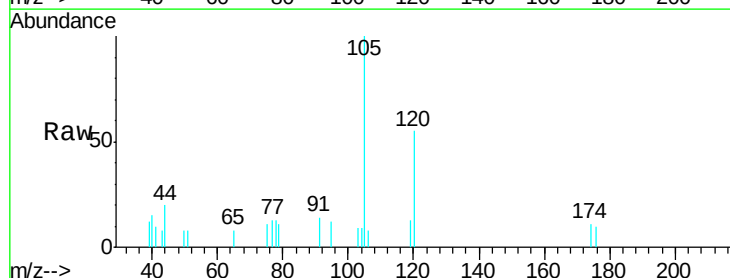
Acq: 3 Oct 2019 16:06

Tgt Ion: 105 Resp: 4797

Ion Ratio Lower Upper

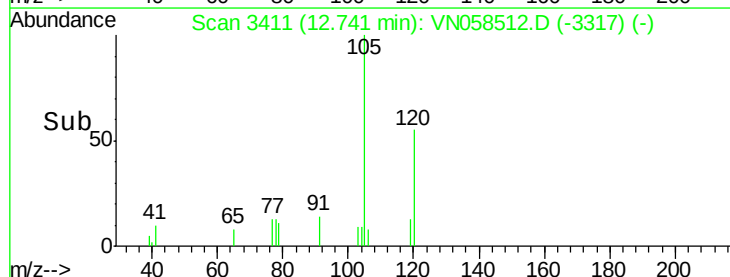
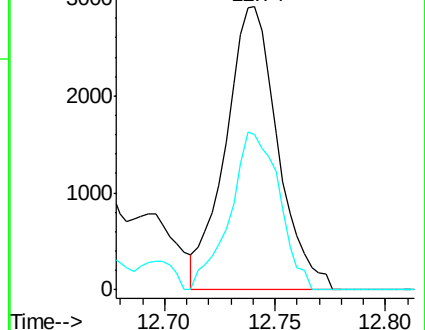
105 100

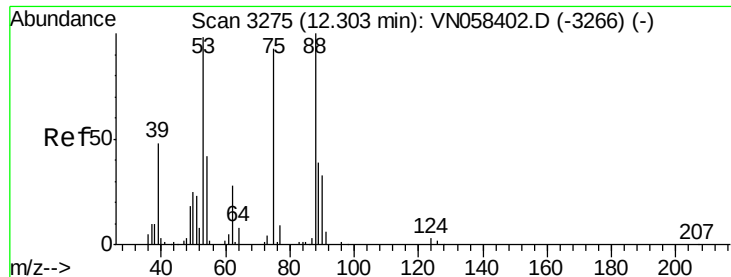
120 52.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VN058402.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN058402.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 111.320 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampled :

NB-08-100219

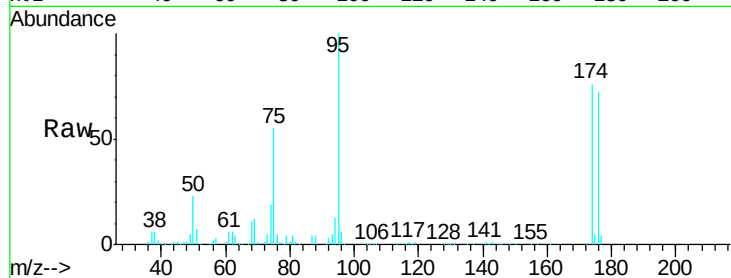
Tgt Ion: 75 Resp: 130865

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

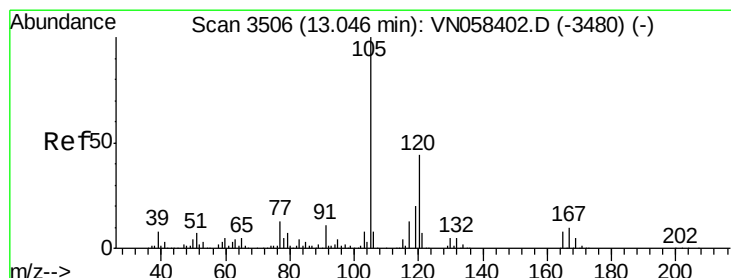
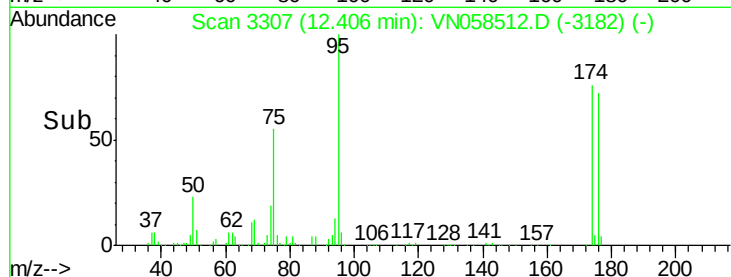
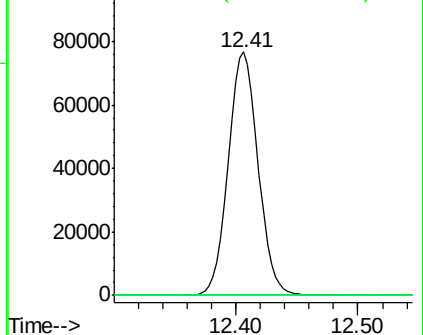
89 0.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058512.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058512.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058512.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.707 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058512.D

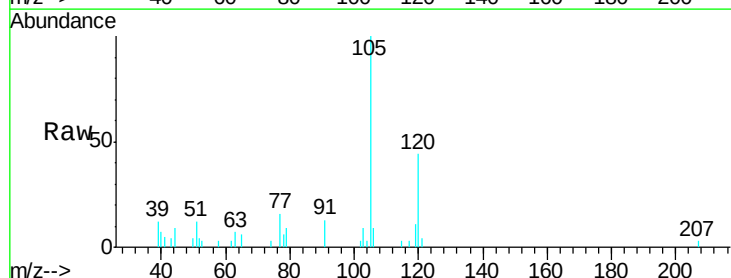
Acq: 3 Oct 2019 16:06

Tgt Ion: 105 Resp: 8563

Ion Ratio Lower Upper

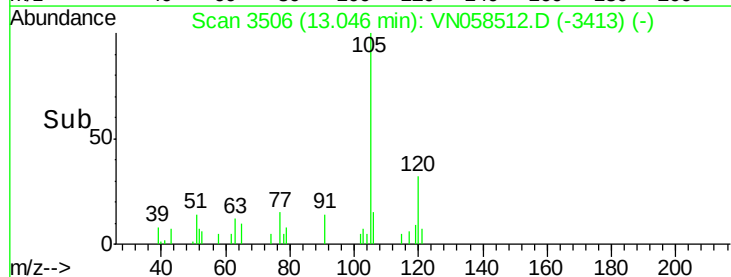
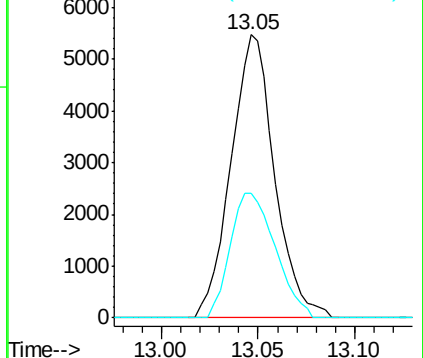
105 100

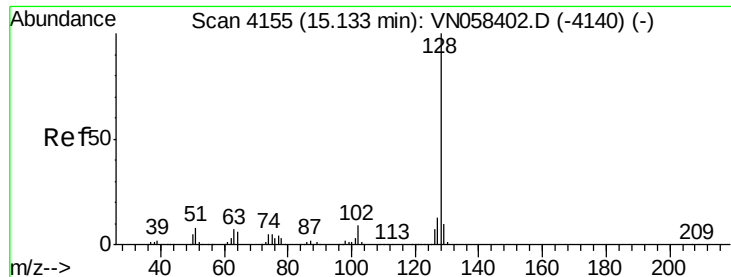
120 45.3 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058512.D (-3413) (-)

Ion 120.00 (119.70 to 120.70): VN058512.D (-3413) (-)





#95
Naphthalene
Concen: 0.965 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Instrument :
MSVOA_N
ClientSampleId :
NB-08-100219

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	10.7	8.3	12.5

