

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050310.D
 Acq On : 3 Aug 2018 13:59
 Operator : MD\SY
 Sample : VN0803WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL02

Quant Time: Aug 03 23:24:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1122364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	482586	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	7.59	113	431916	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	10.09	98	1538555	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	
62) 4-Bromofluorobenzene	12.40	95	409828	36.94	ug/l	0.00
Spiked Amount			Recovery	=	73.88%	

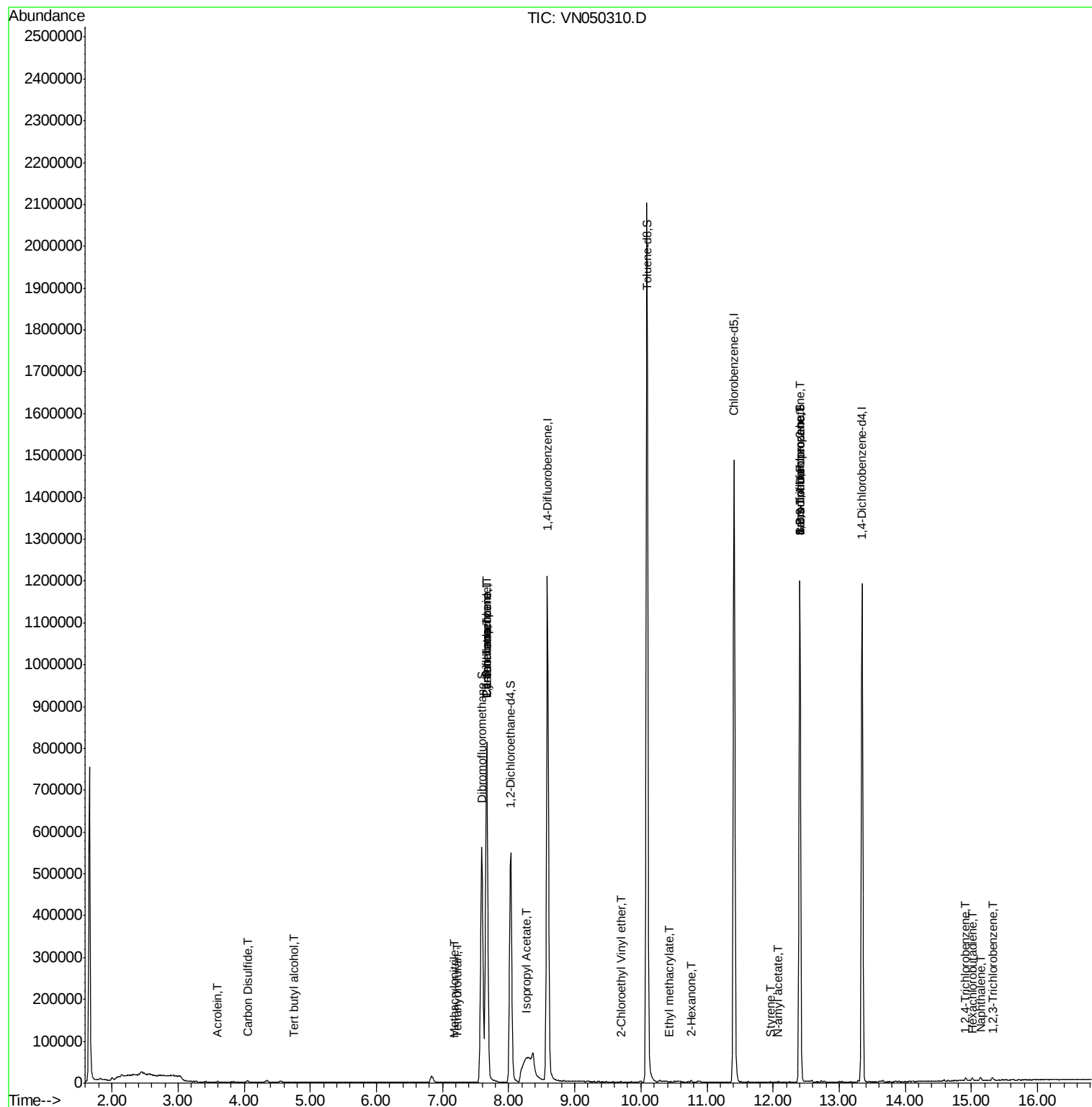
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	1423	Below Cal	#	77
11) Tert butyl alcohol	4.76	59	618	0.86	ug/l	# 72
13) Acrolein	3.60	56	234	0.41	ug/l	# 49
16) Acetone	3.81	43	724	Below Cal	#	42
17) Carbon Disulfide	4.05	76	6872	0.28	ug/l	100
18) Methyl Acetate	4.34	43	9229	Below Cal	#	65
20) Methylene Chloride	4.54	84	804	Below Cal	#	58
29) Tetrahydrofuran	7.22	42	535	0.22	ug/l	# 42
31) Cyclohexane	7.67	56	12919	0.89	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	48973	3.87	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	64203	4.79	ug/l	# 16
41) Methacrylonitrile	7.18	41	68	2.76	ug/l	# 10
43) Isopropyl Acetate	8.26	43	92255	4.52	ug/l	# 61
56) Ethyl methacrylate	10.43	69	125	2.04	ug/l	# 6
58) 2-Chloroethyl Vinyl ether	9.70	63	61	8.54	ug/l	# 48
59) 2-Hexanone	10.76	43	2495	5.56	ug/l	# 57
70) Styrene	11.96	104	610	0.95	ug/l	# 78
71) Bromoform	12.41	173	3494	0.54	ug/l	# 1
74) N-amyl acetate	12.08	43	2209	0.28	ug/l	# 52
75) 1,1,2,2-Tetrachloroethane	12.51	83	681	Below Cal	#	73
76) 1,2,3-Trichloropropane	12.40	75	198674	32.30	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	198674	102.44	ug/l	# 13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	132	Below Cal		95
93) 1,2,4-Trichlorobenzene	14.91	180	2023	3.38	ug/l	99
94) Hexachlorobutadiene	15.01	225	1424	0.39	ug/l	94
95) Naphthalene	15.14	128	5885	4.77	ug/l	# 96
96) 1,2,3-Trichlorobenzene	15.31	180	2774	2.63	ug/l	96

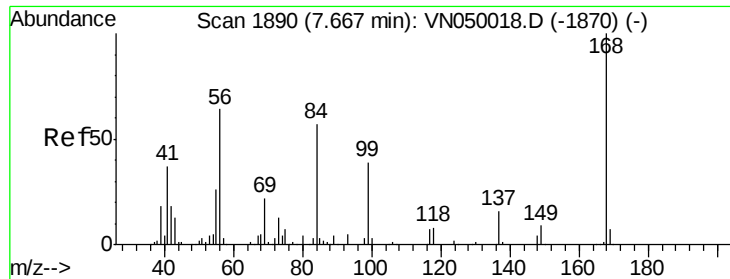
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 03 23:24:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

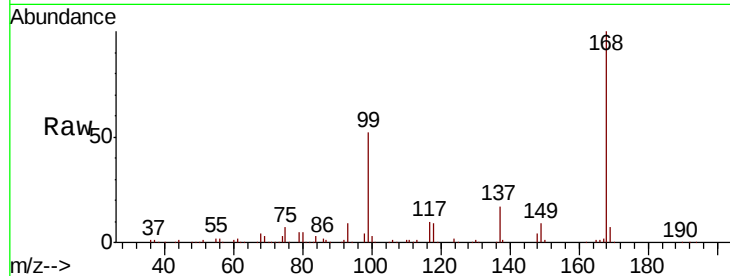
VN0803WBL02

Tot Ion:168 Resp: 700125

Ion Ratio Lower Upper

168 100

99 52.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

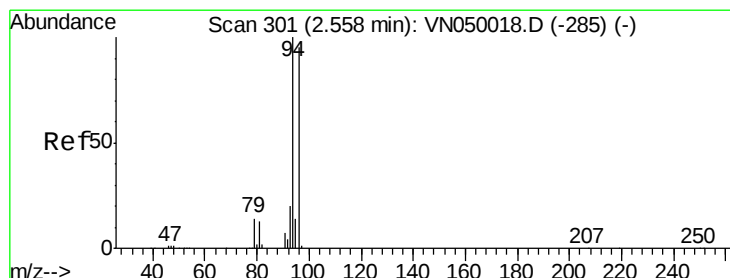
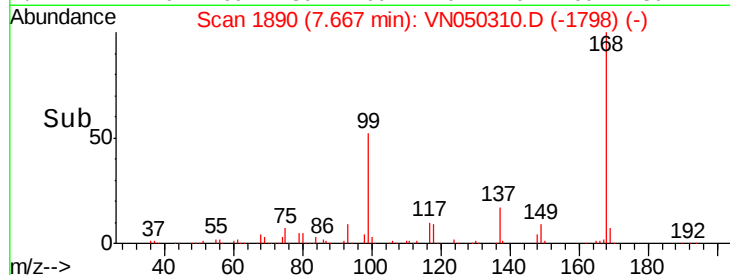
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050310.D

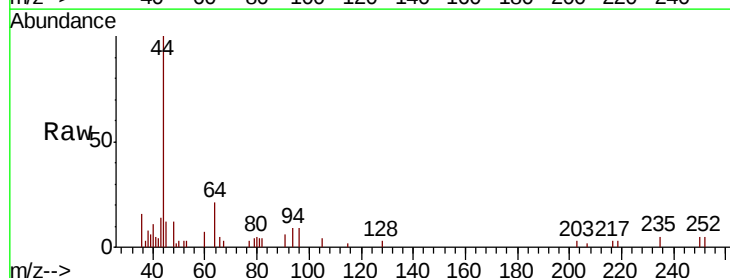
Acq: 3 Aug 2018 13:59

Tgt Ion: 94 Resp: 1423

Ion Ratio Lower Upper

94 100

96 70.8 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

800

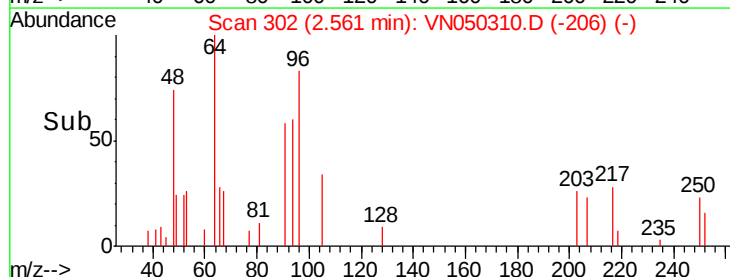
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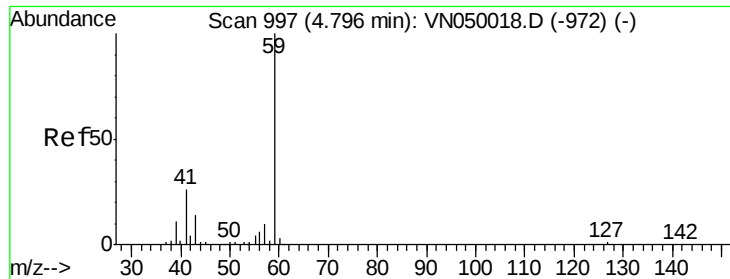
400

200

0

Time-->

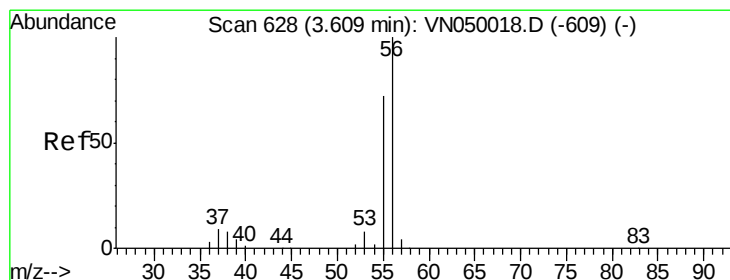
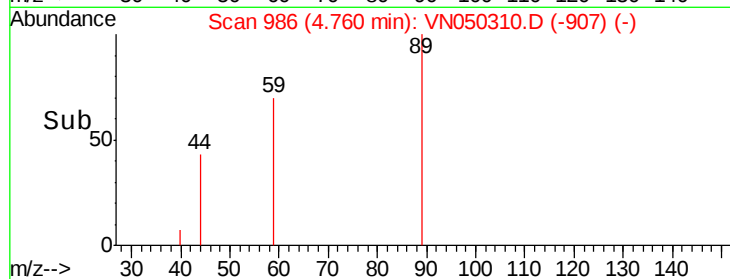
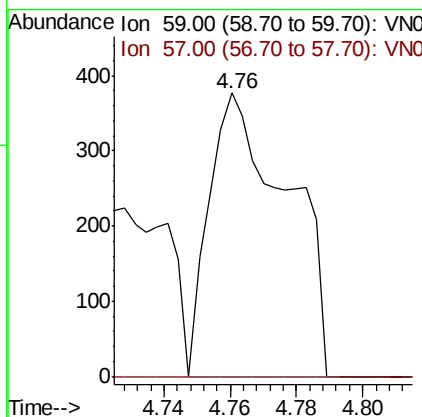
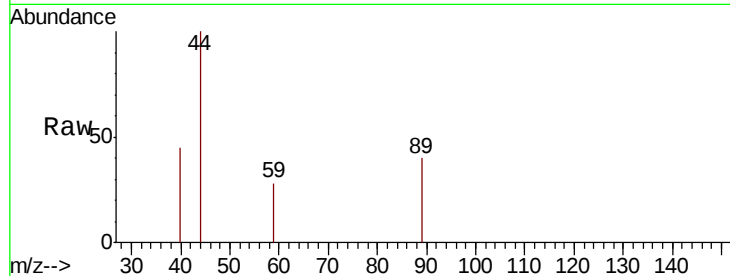




#11
Tert butyl alcohol
Concen: 0.86 ug/l
RT: 4.76 min Scan# 986
Delta R.T. -0.04 min
Lab File: VN050310.D
Acq: 3 Aug 2018 13:59

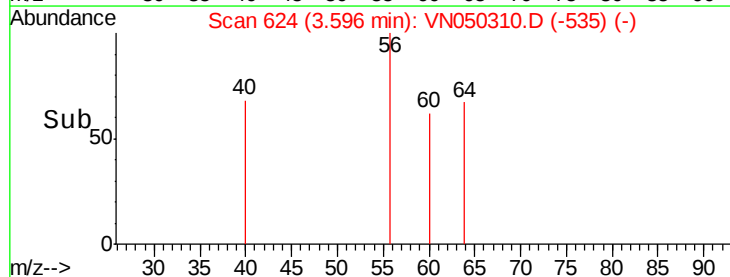
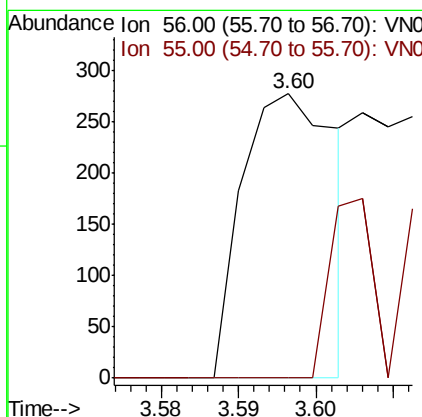
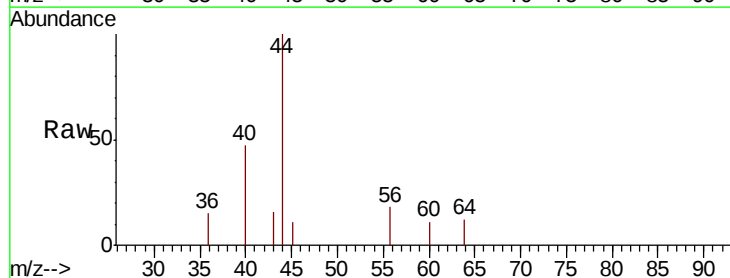
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

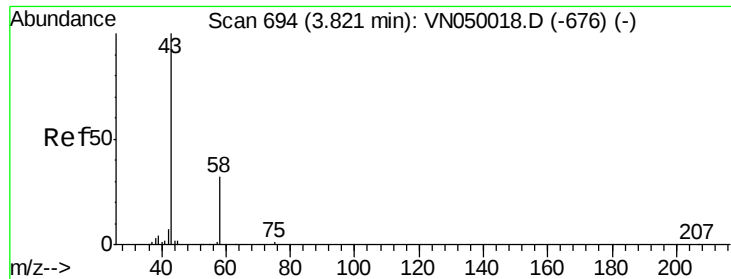
Tot Ion: 59 Resp: 618
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.41 ug/l
RT: 3.60 min Scan# 624
Delta R.T. -0.01 min
Lab File: VN050310.D
Acq: 3 Aug 2018 13:59

Tgt Ion: 56 Resp: 234
Ion Ratio Lower Upper
56 100
55 28.2 55.8 83.6#





#16

Acetone

Concen: Below Cal

RT: 3.81 min Scan# 690

Delta R.T. -0.02 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

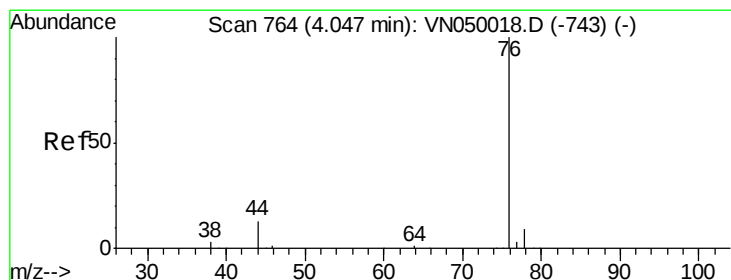
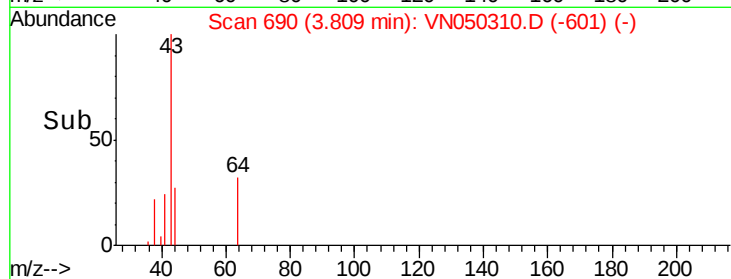
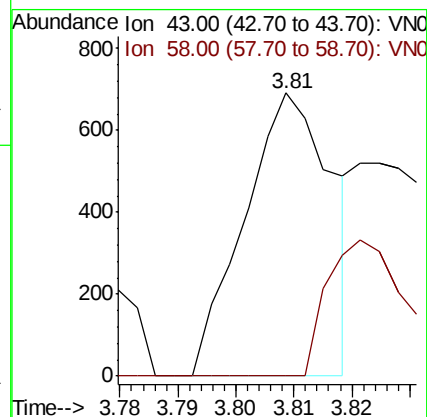
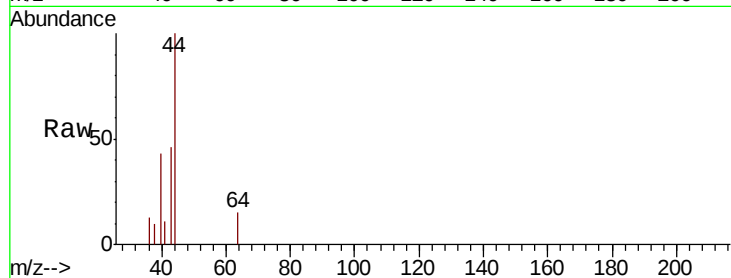
VN0803WBL02

Tot Ion: 43 Resp: 724

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.8#



#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050310.D

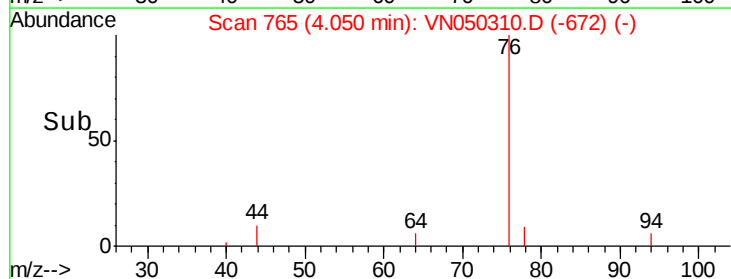
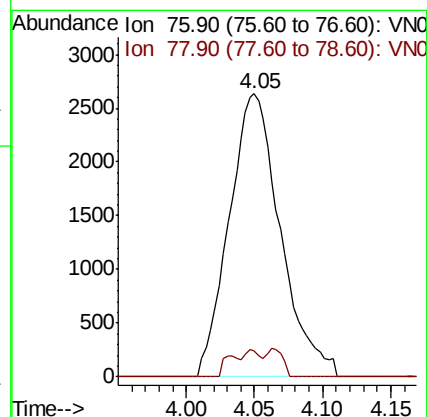
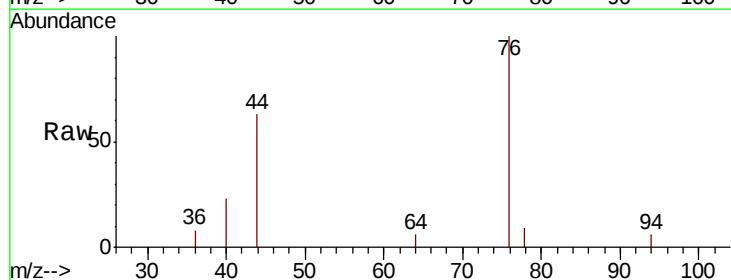
Acq: 3 Aug 2018 13:59

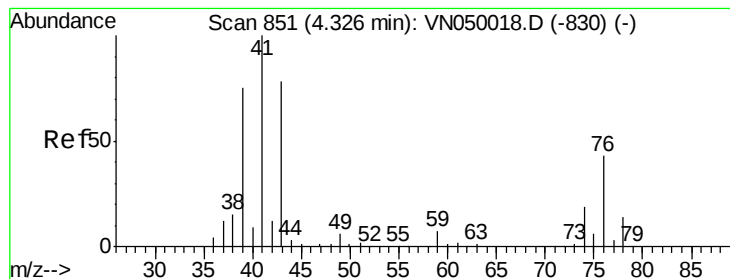
Tgt Ion: 76 Resp: 6872

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

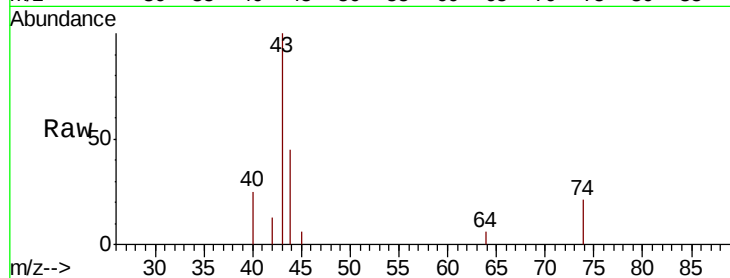
VN0803WBL02

Tot Ion: 43 Resp: 9229

Ion Ratio Lower Upper

43 100

74 6.7 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

3000

2500

2000

1500

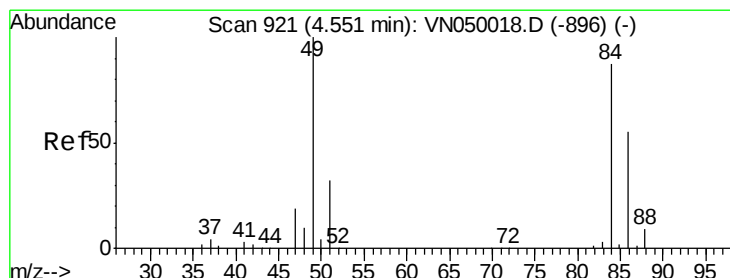
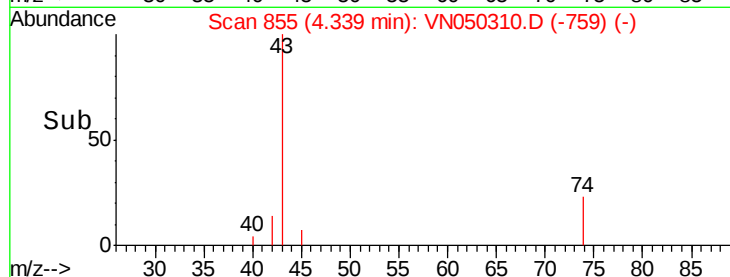
1000

500

0

4.25 4.30 4.35 4.40 4.45

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.54 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Tgt Ion: 84 Resp: 804

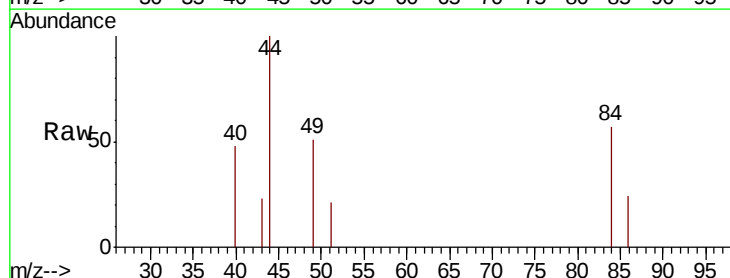
Ion Ratio Lower Upper

84 100

49 50.4 94.8 142.2#

51 37.0 28.3 42.5

86 42.3 51.0 76.6#



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

1000

800

600

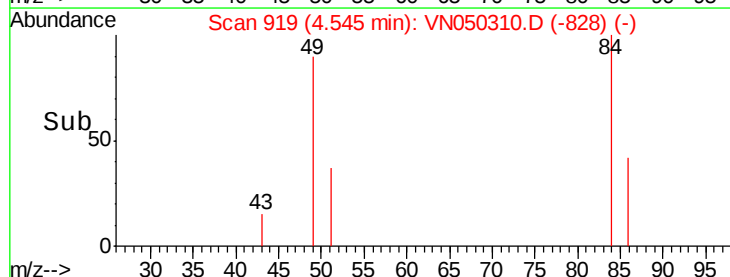
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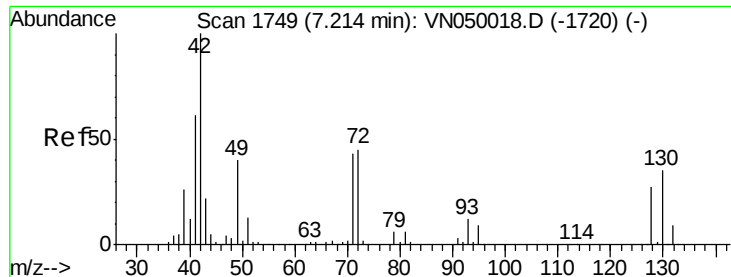
200

0

4.52 4.54 4.56

Time-->





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

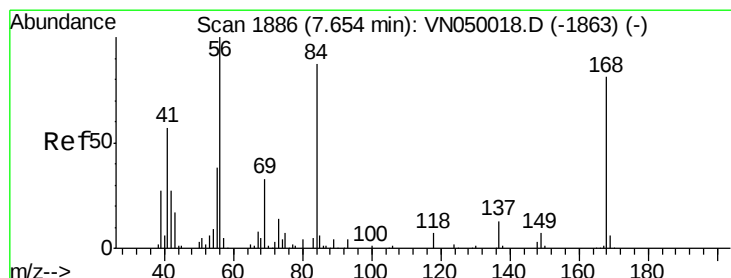
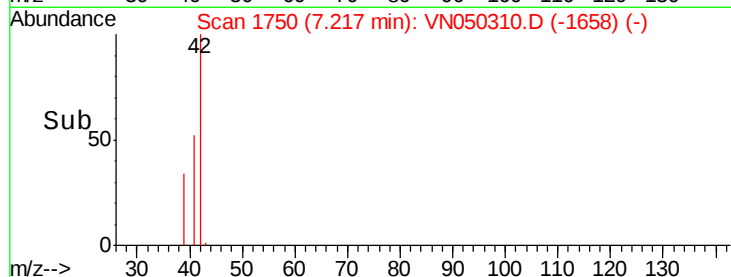
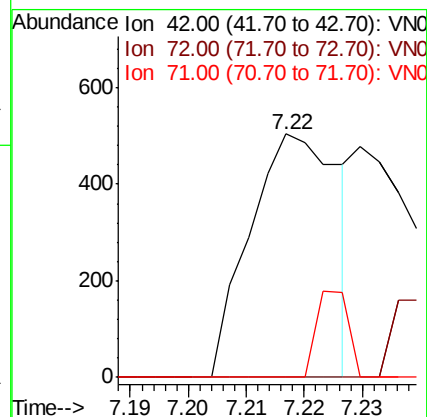
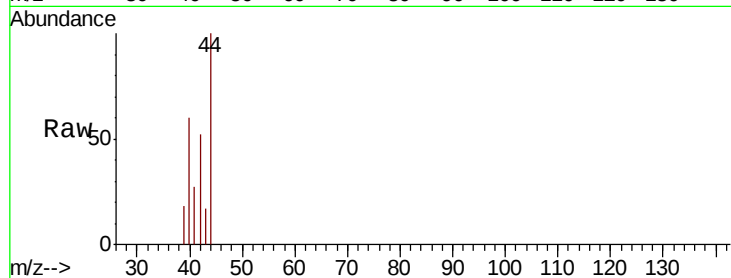
Tot Ion: 42 Resp: 535

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 12.7 33.7 50.5#



#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

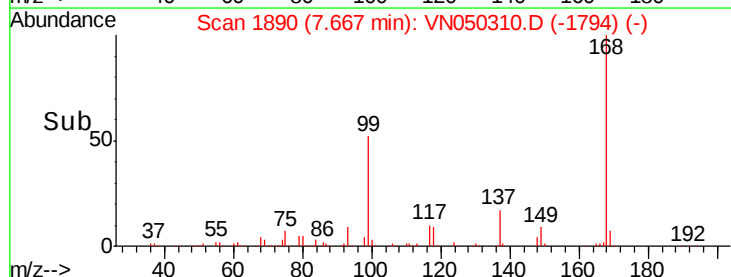
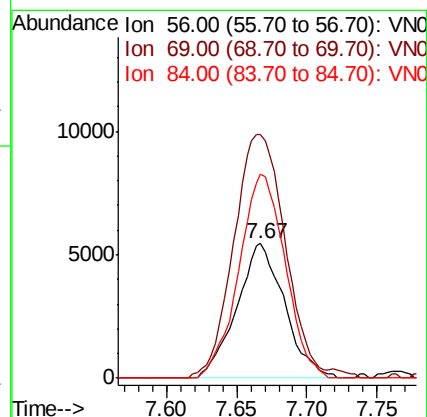
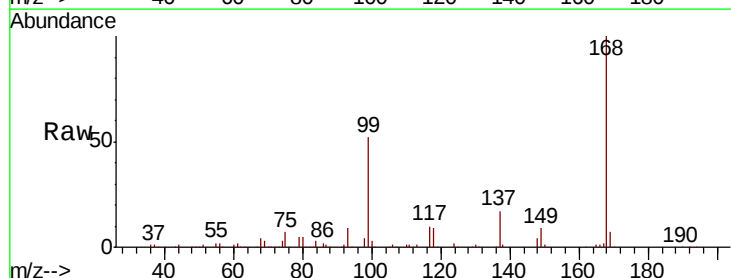
Tgt Ion: 56 Resp: 12919

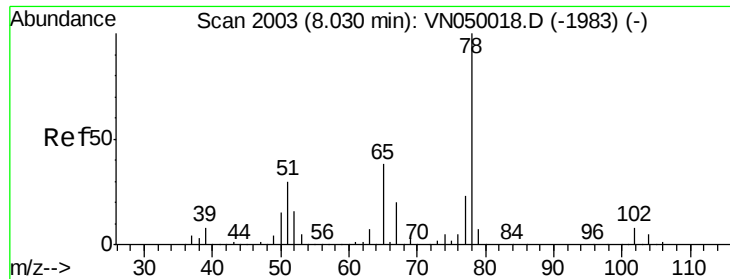
Ion Ratio Lower Upper

56 100

69 177.6 26.2 39.4#

84 152.1 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 49.40 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

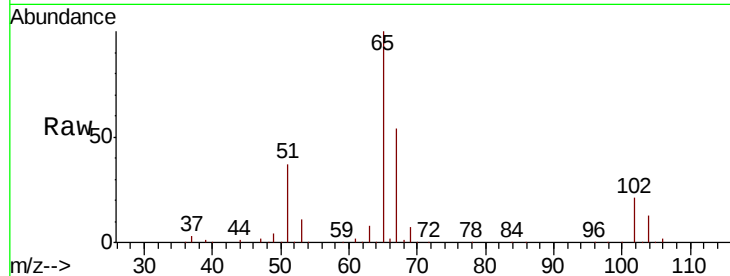
VN0803WBL02

Tot Ion: 65 Resp: 482586

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

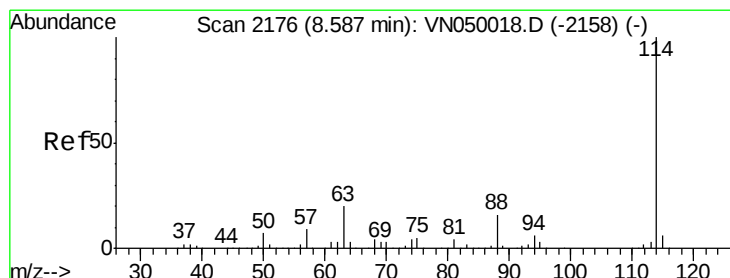
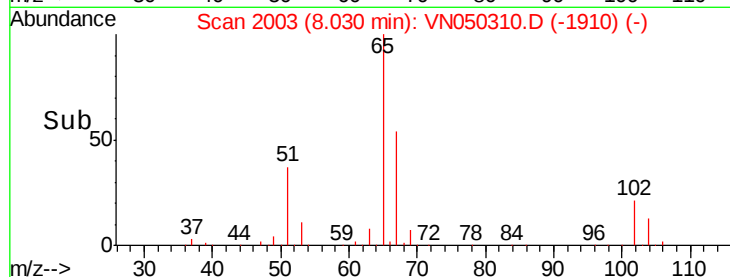
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

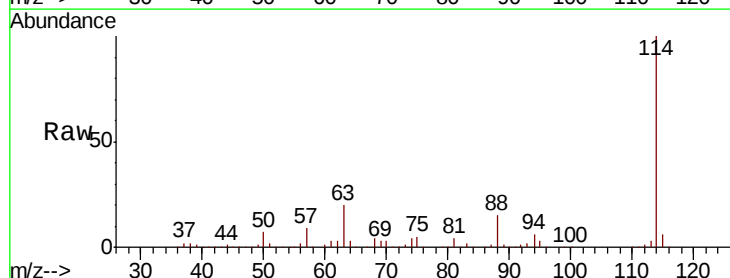
Tgt Ion: 114 Resp: 1122364

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

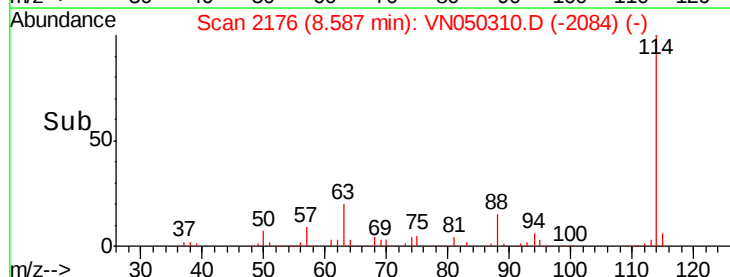
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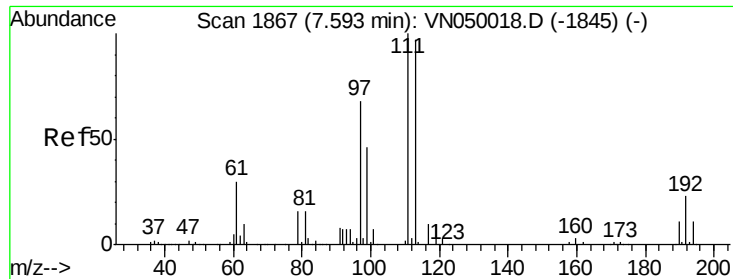
200000

0

Time-->

8.50 8.60 8.70

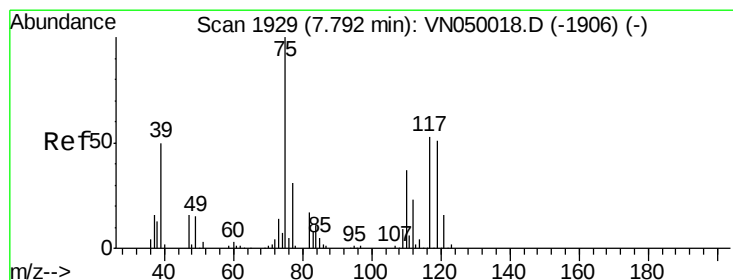
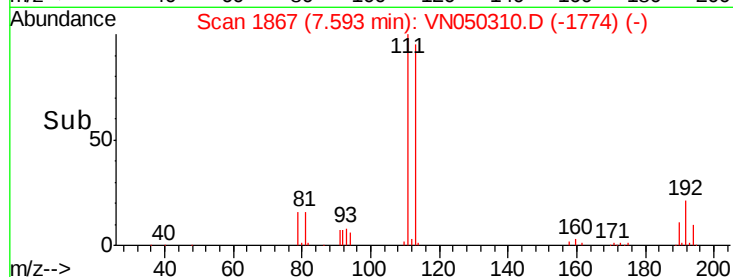
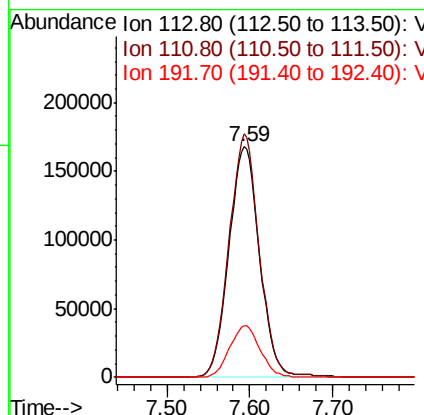
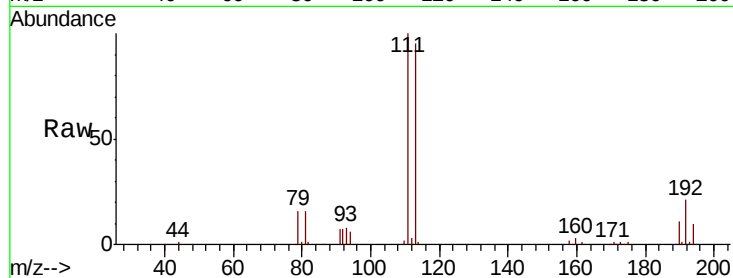




#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050310.D
 Acq: 3 Aug 2018 13:59

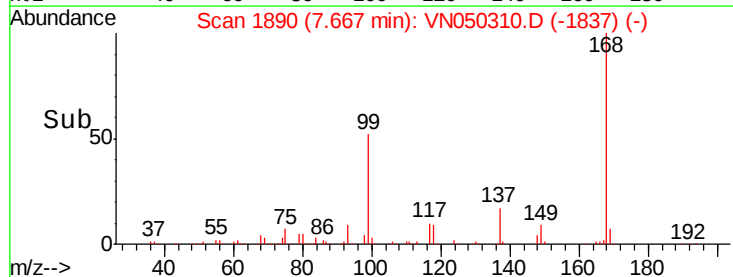
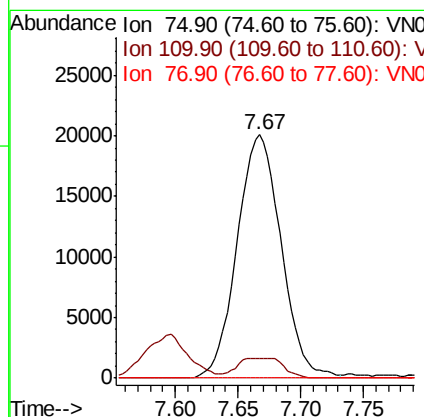
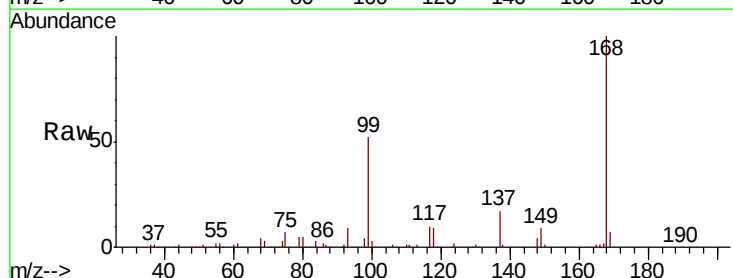
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL02

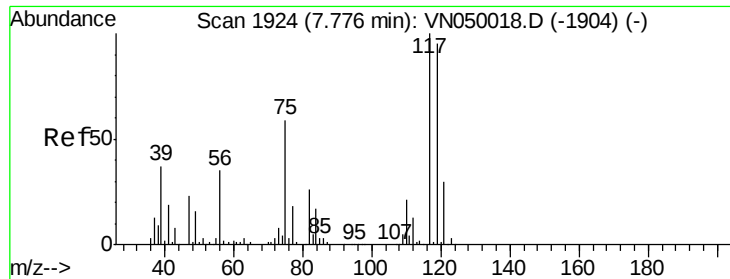
Tot Ion:113 Resp: 431916
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.7 121.1
 192 22.3 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050310.D
 Acq: 3 Aug 2018 13:59

Tgt Ion: 75 Resp: 48973
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.79 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

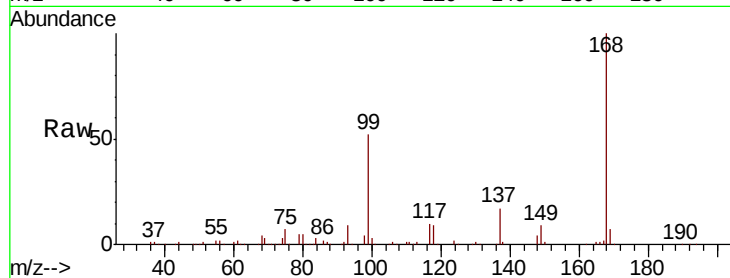
Tot Ion:117 Resp: 64203

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

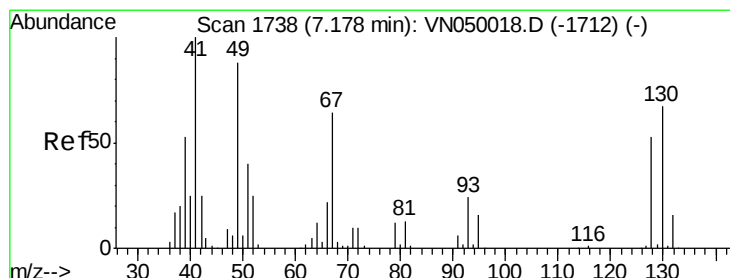
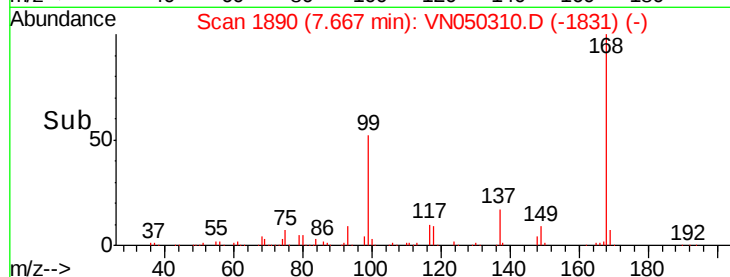
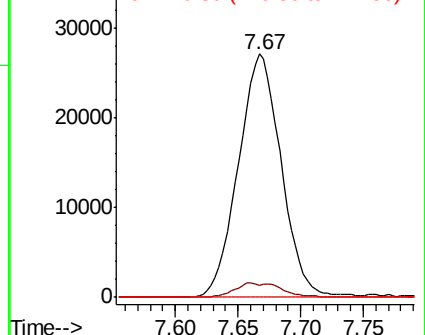
121 0.0 23.9 35.9#



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: 2.76 ug/l

RT: 7.18 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Tgt Ion: 41 Resp: 68

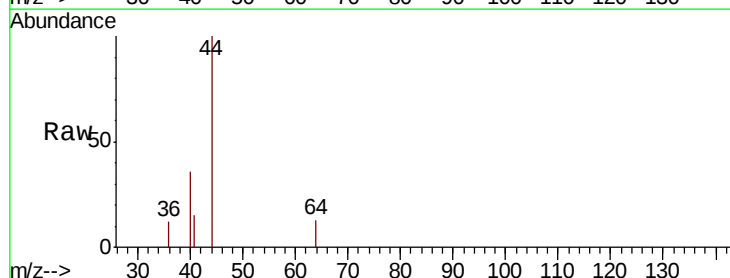
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

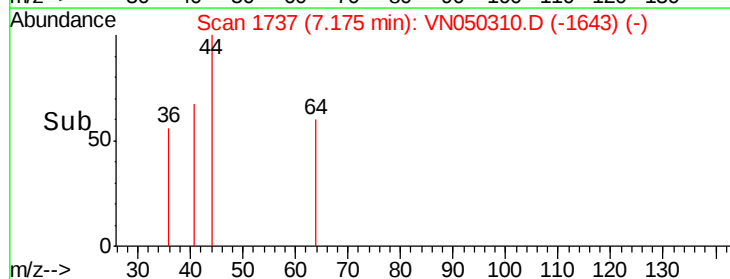
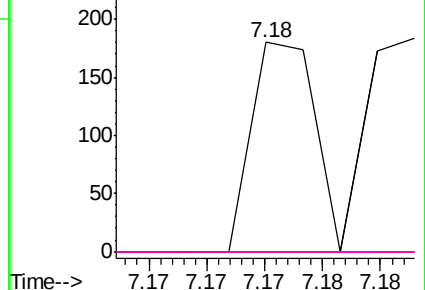


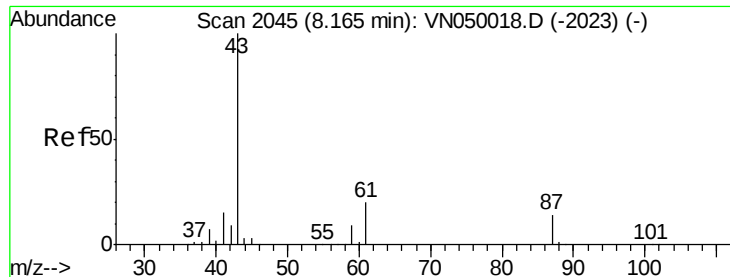
Abundance Ion 41.00 (40.70 to 41.70): V

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: 4.52 ug/l

RT: 8.26 min Scan# 2075

Delta R.T. 0.09 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

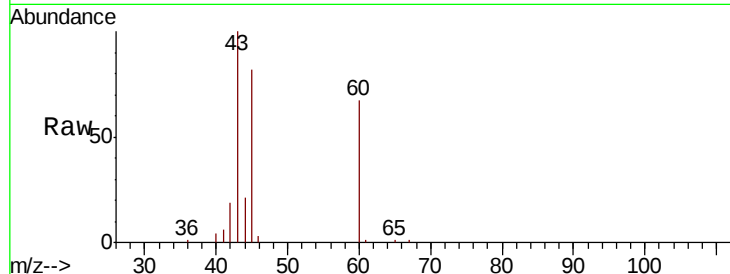
Tot Ion: 43 Resp: 92255

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

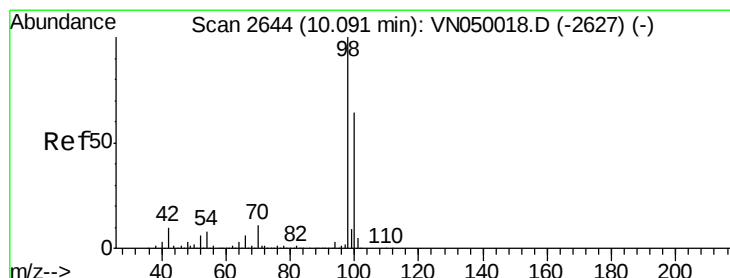
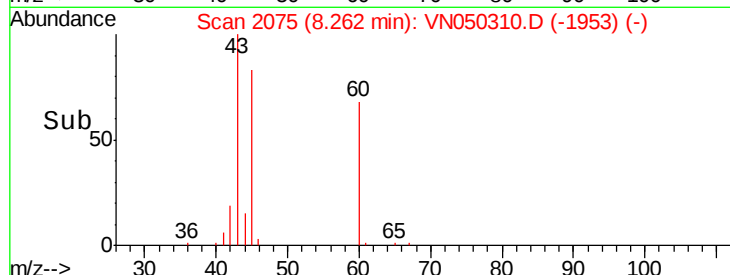
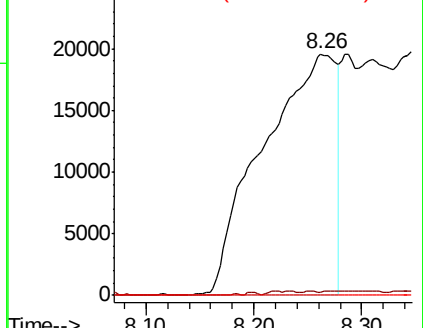
87 0.0 10.3 15.5#



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



#50

Toluene-d8

Concen: 45.67 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050310.D

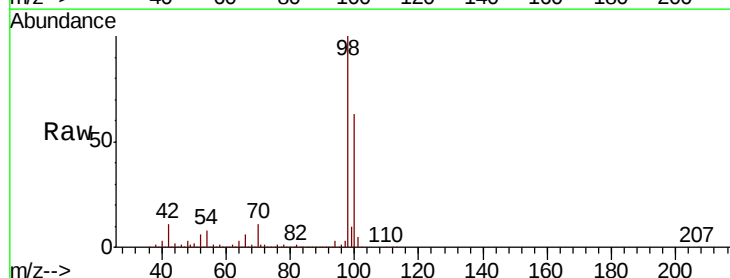
Acq: 3 Aug 2018 13:59

Tgt Ion: 98 Resp: 1538555

Ion Ratio Lower Upper

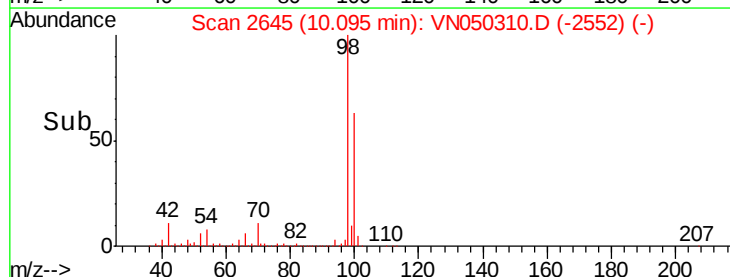
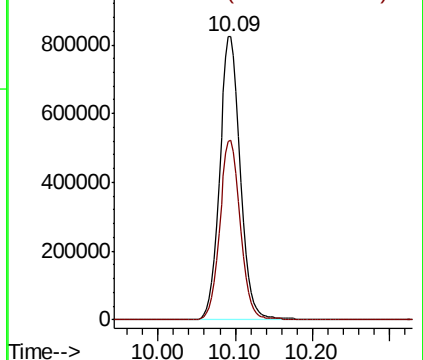
98 100

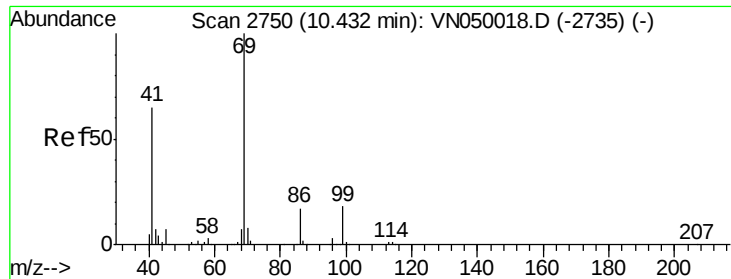
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

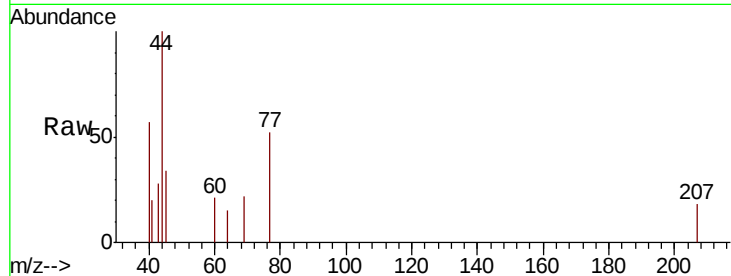
Tot Ion: 69 Resp: 125

Ion Ratio Lower Upper

69 100

41 152.0 51.0 76.4#

39 0.0 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050310.D (-2657) (-)

Ion 41.00 (40.70 to 41.70): VN050310.D (-2657) (-)

Ion 39.00 (38.70 to 39.70): VN050310.D (-2657) (-)

10.43

250

200

150

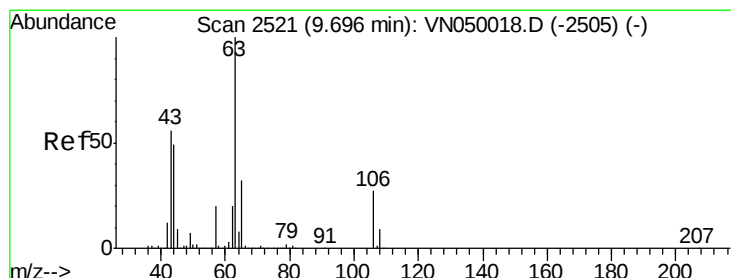
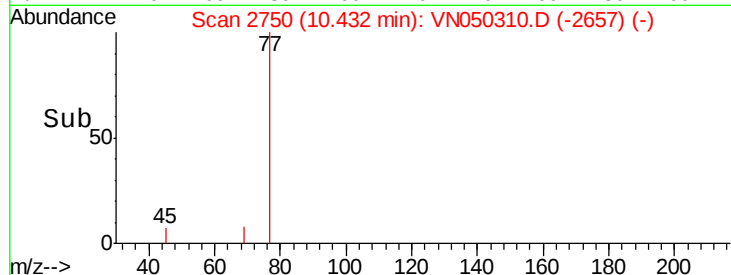
100

50

0

10.42 10.43 10.44

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 8.54 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050310.D

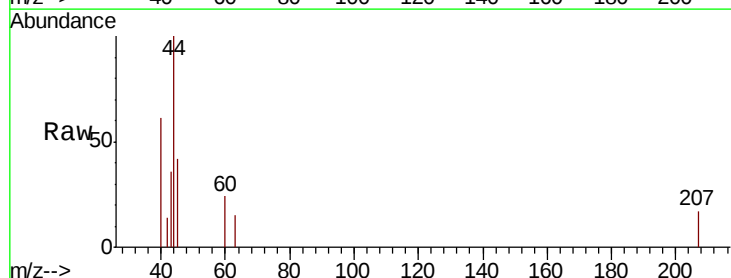
Acq: 3 Aug 2018 13:59

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN050310.D (-2428) (-)

Ion 105.90 (105.60 to 106.60): VN050310.D (-2428) (-)

9.70

150

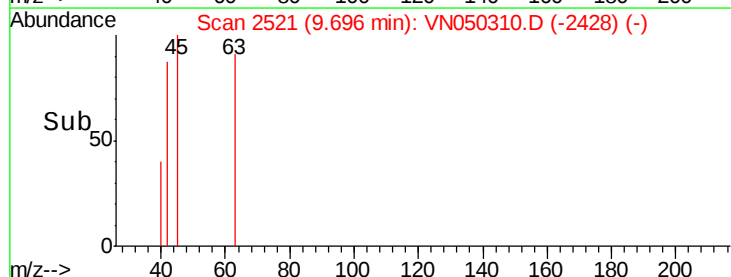
100

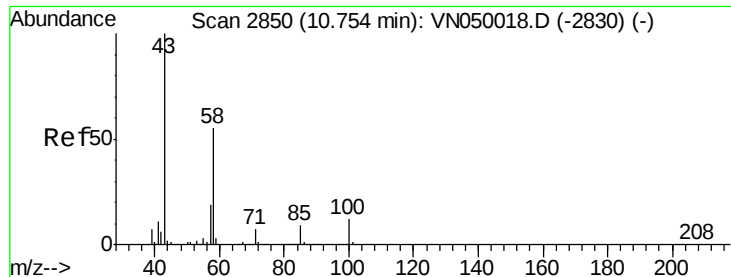
50

0

9.69 9.70 9.71

Time-->





#59

2-Hexanone

Concen: 5.56 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

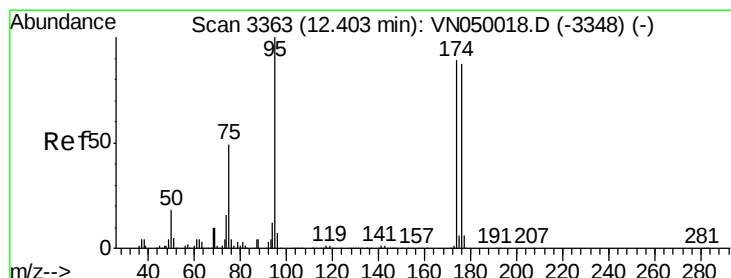
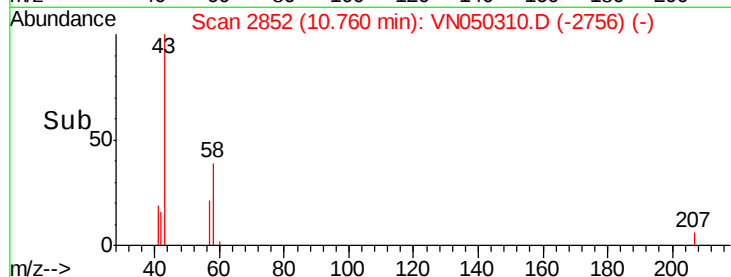
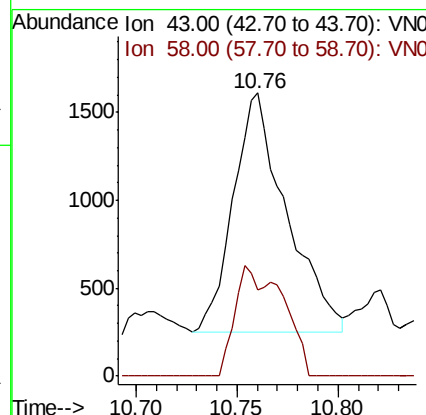
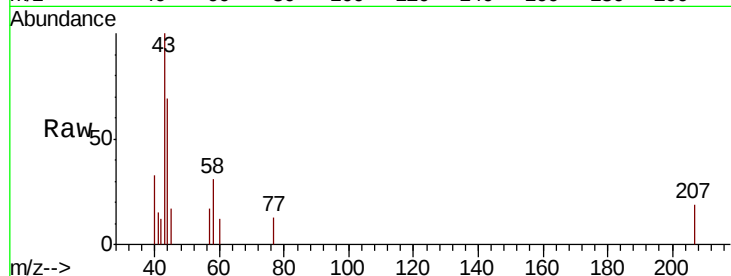
VN0803WBL02

Tot Ion: 43 Resp: 2495

Ion Ratio Lower Upper

43 100

58 24.0 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 36.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

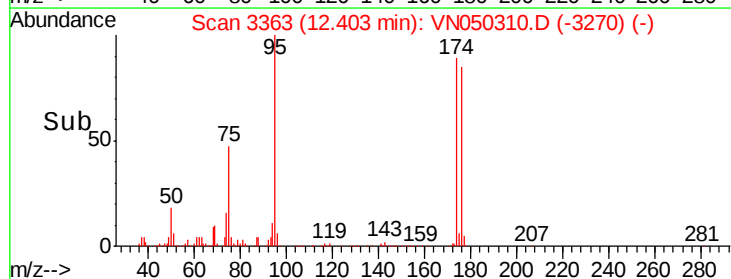
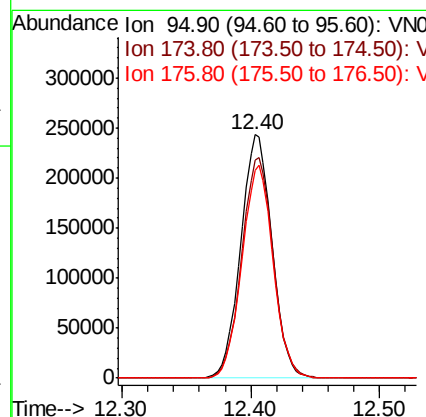
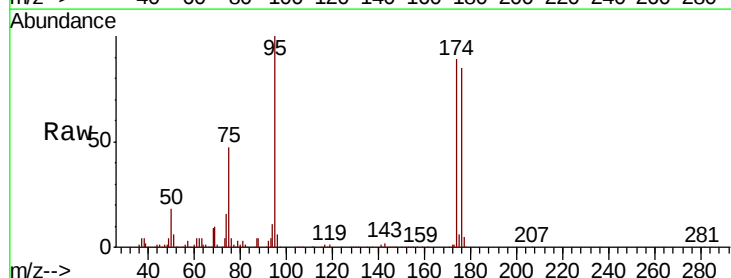
Tgt Ion: 95 Resp: 409828

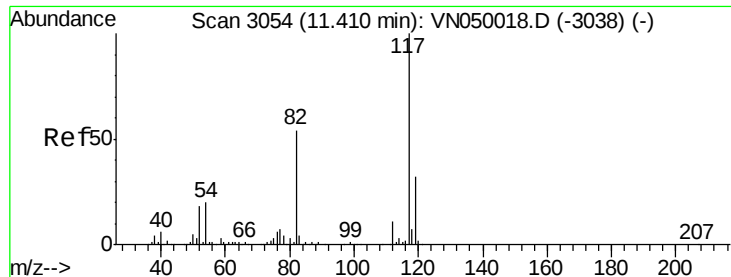
Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

176 87.2 0.0 173.4

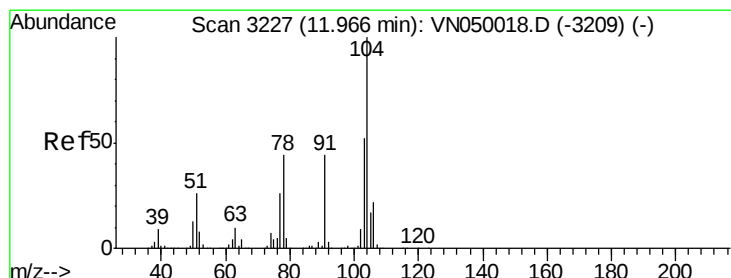
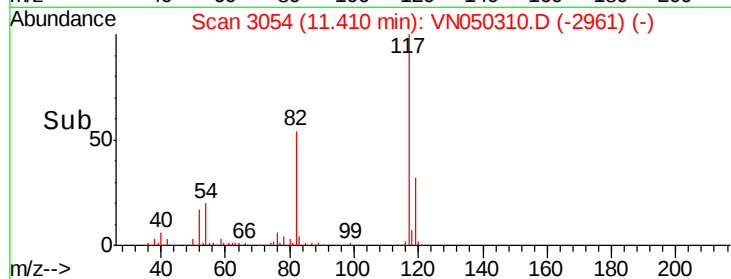
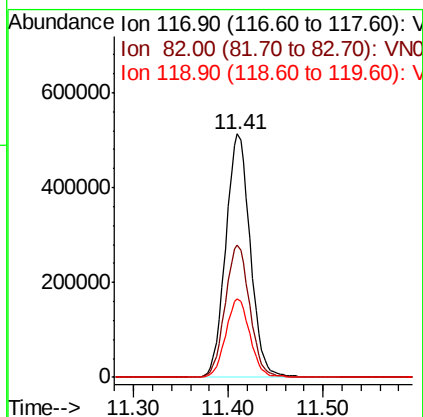
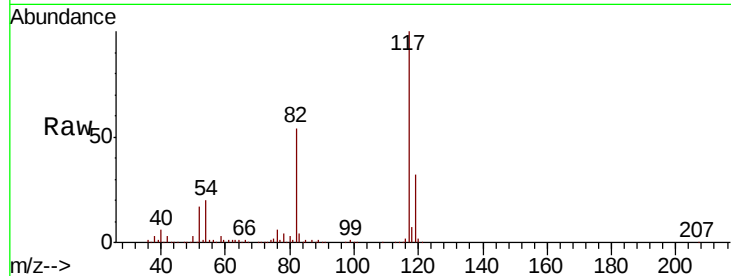




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050310.D
Acq: 3 Aug 2018 13:59

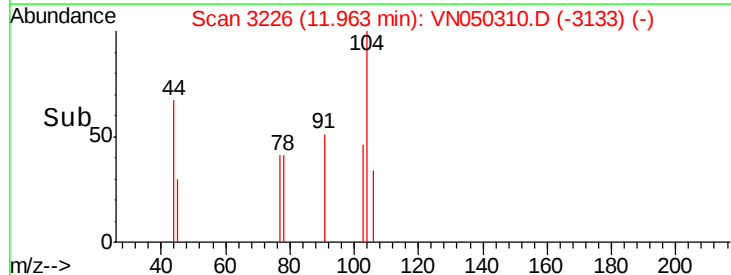
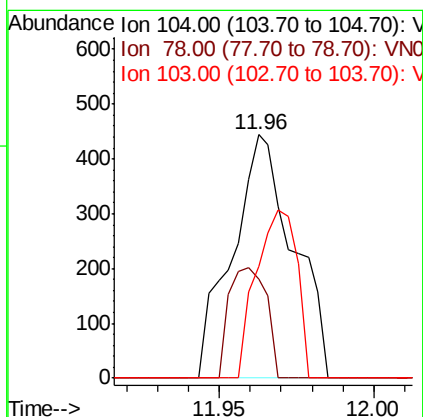
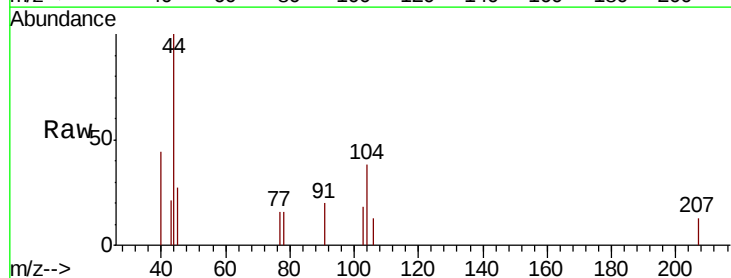
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

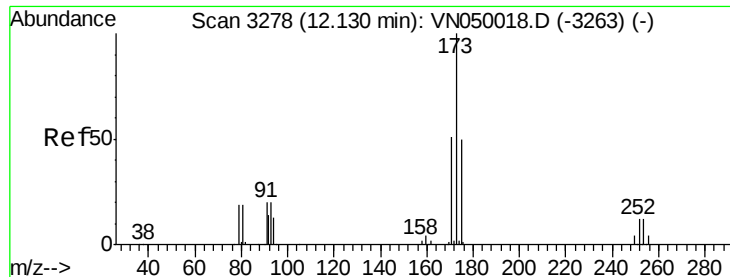
Tot Ion:117 Resp: 923257
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.3 26.1 39.1



#70
Styrene
Concen: 0.95 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050310.D
Acq: 3 Aug 2018 13:59

Tgt Ion:104 Resp: 610
Ion Ratio Lower Upper
104 100
78 27.9 39.3 58.9#
103 45.6 45.0 67.6





#71

Bromoform

Concen: 0.54 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampled :

VN0803WBL02

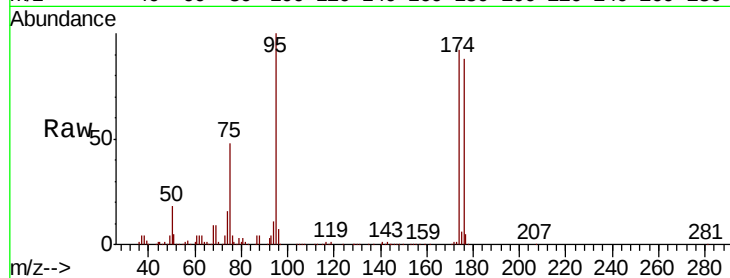
Tot Ion:173 Resp: 3494

Ion Ratio Lower Upper

173 100

175 677.4 24.1 72.2#

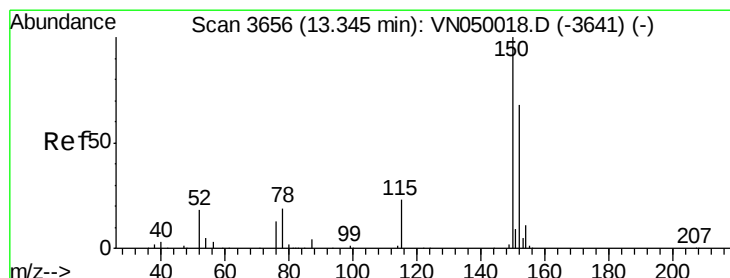
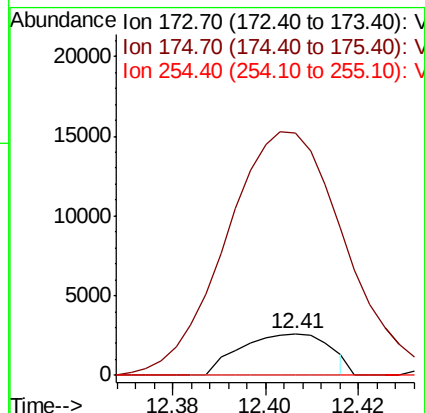
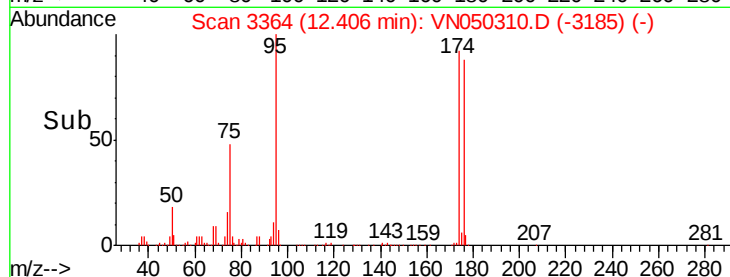
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

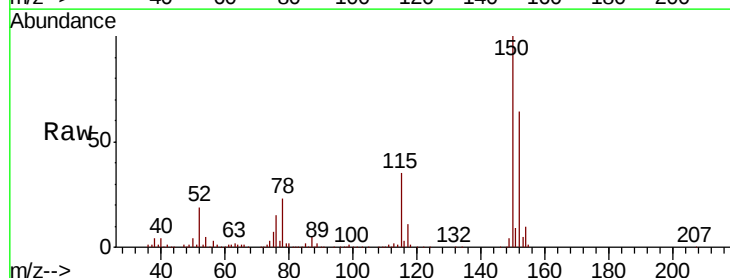
Tgt Ion:152 Resp: 331011

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.3

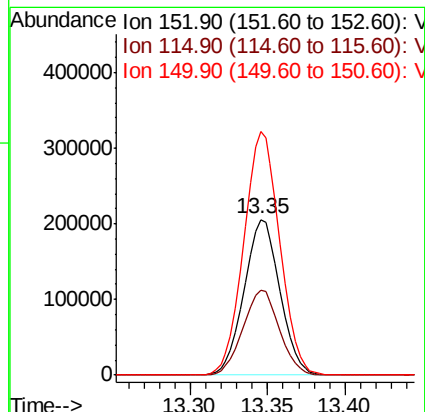
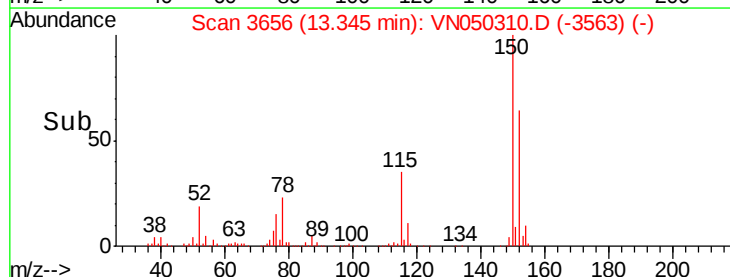
150 157.2 0.0 348.6

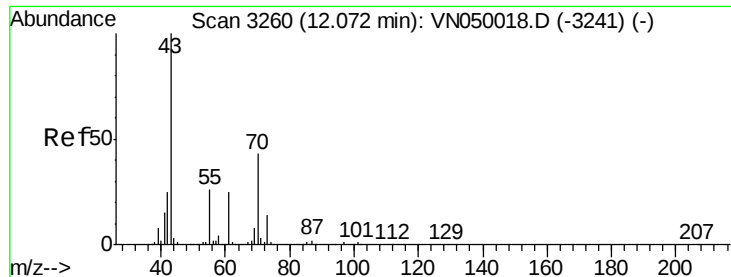


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.28 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

Tot Ion: 43 Resp: 2209

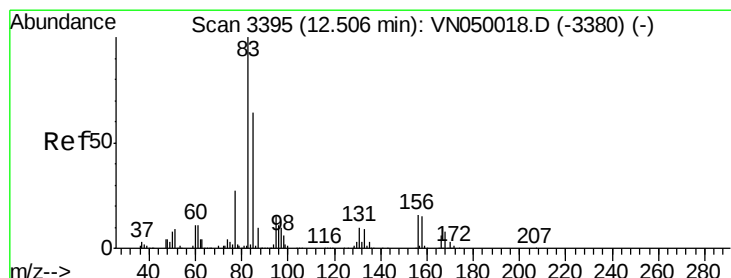
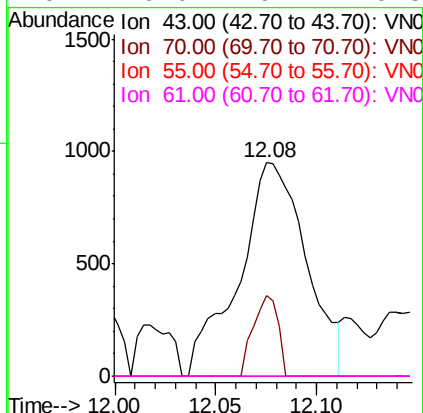
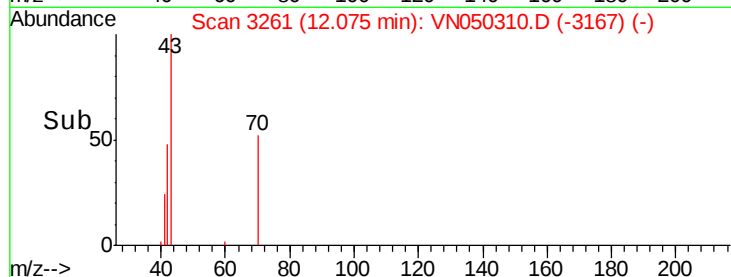
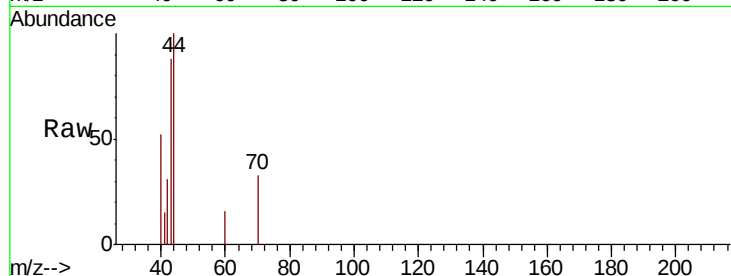
Ion Ratio Lower Upper

43 100

70 13.9 34.4 51.6#

55 0.0 20.8 31.2#

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

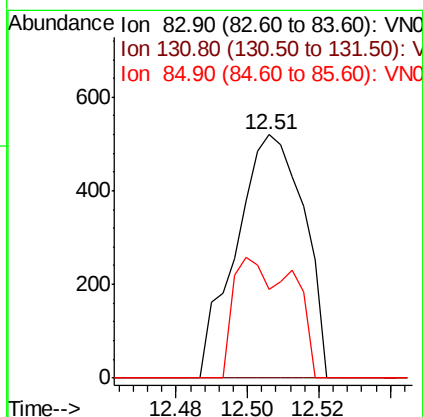
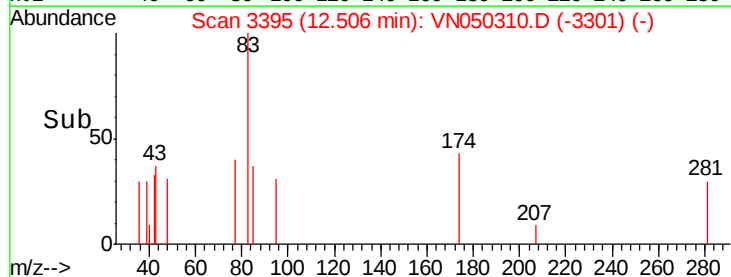
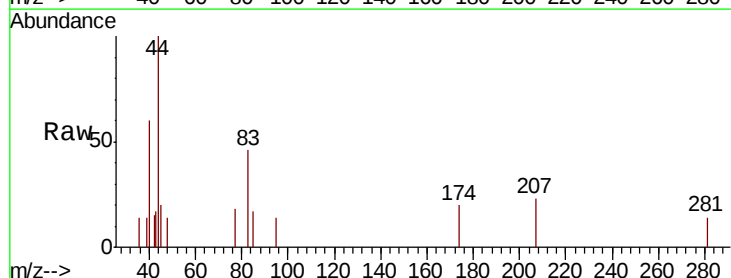
Tgt Ion: 83 Resp: 681

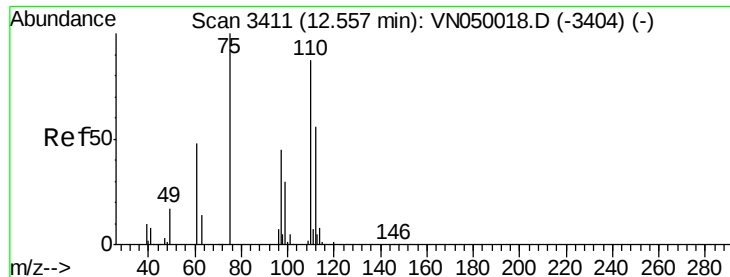
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 43.2 32.3 96.8





#76

1,2,3-Trichloropropane

Concen: 32.30 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampled :

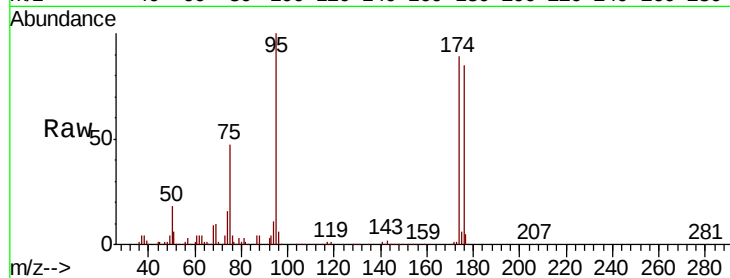
VN0803WBL02

Tot Ion: 75 Resp: 198674

Ion Ratio Lower Upper

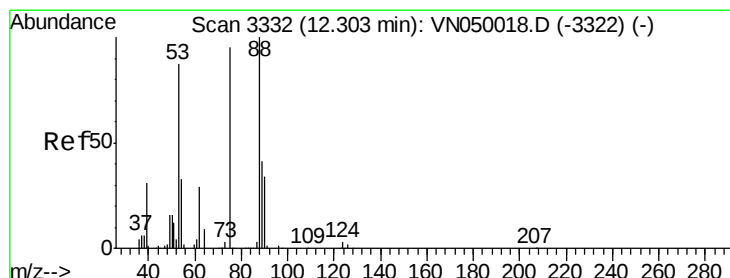
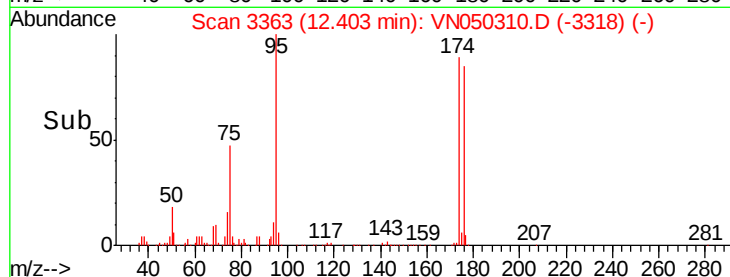
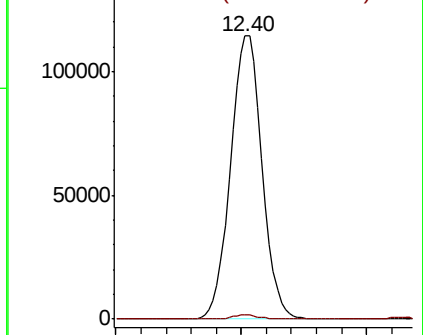
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 102.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

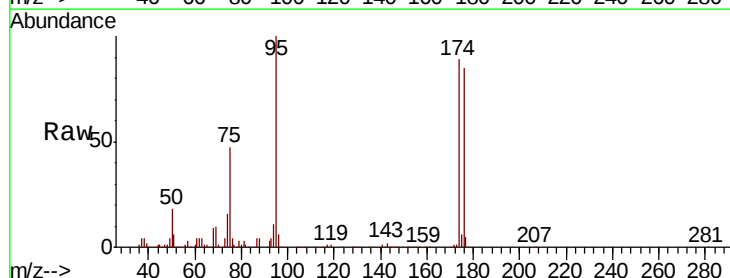
Tgt Ion: 75 Resp: 198674

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

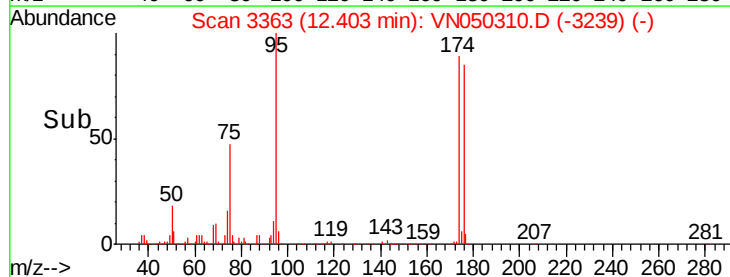
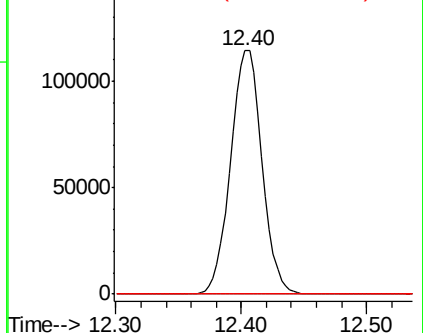
89 0.0 36.0 54.0#

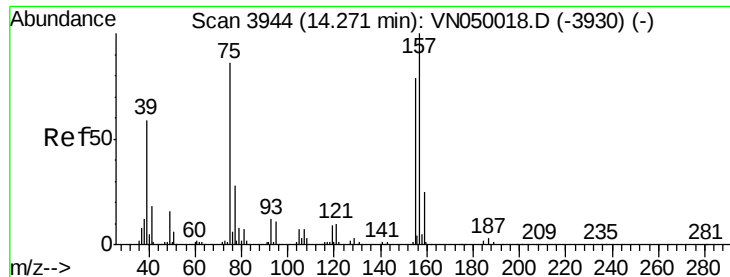


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

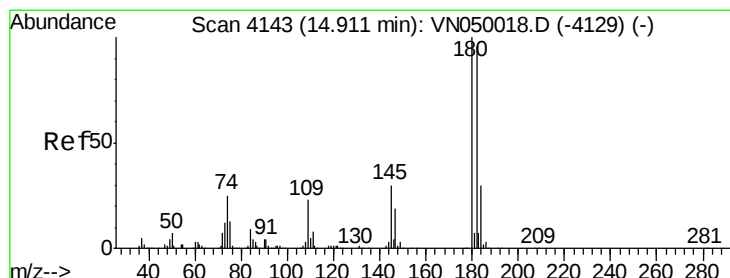
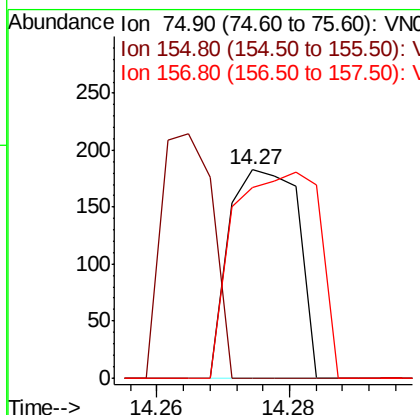
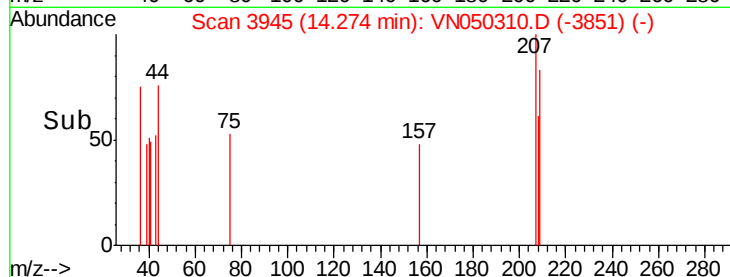
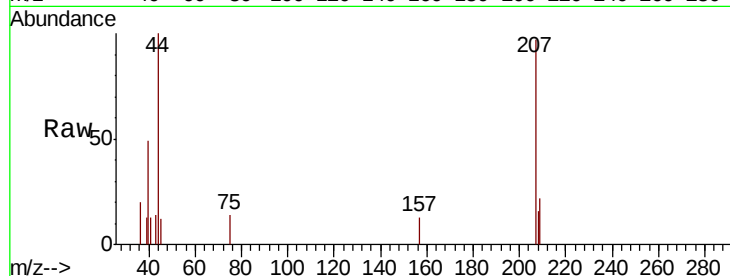




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN050310.D
 Acq: 3 Aug 2018 13:59

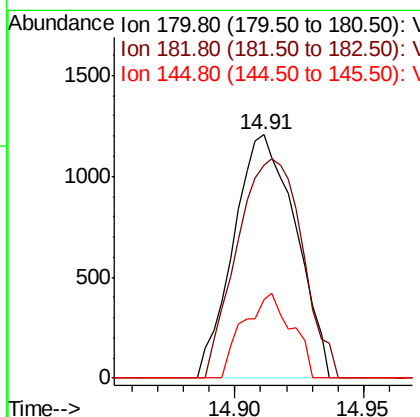
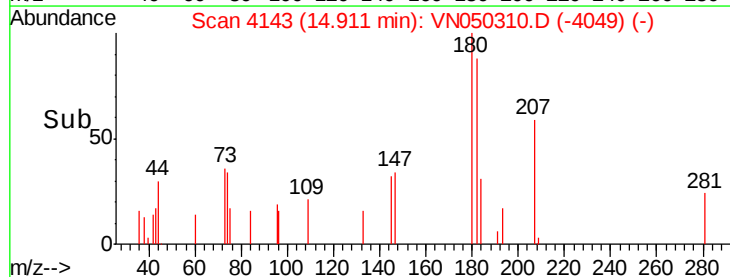
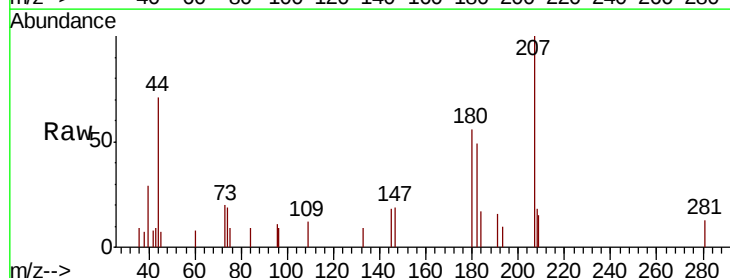
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL02

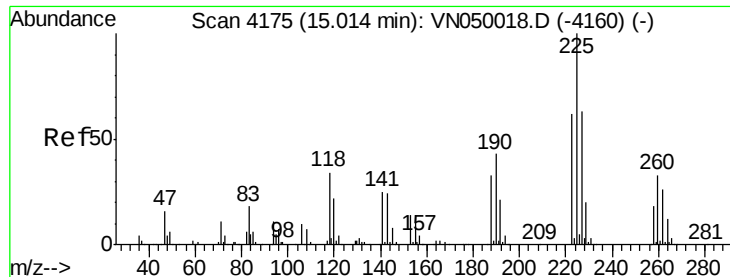
Tot Ion: 75 Resp: 132
 Ion Ratio Lower Upper
 75 100
 155 87.9 44.8 134.4
 157 122.7 57.2 171.6



#93
 1,2,4-Trichlorobenzene
 Concen: 3.38 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050310.D
 Acq: 3 Aug 2018 13:59

Tgt Ion: 180 Resp: 2023
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.7 140.1
 145 26.9 13.8 41.4





#94

Hexachlorobutadiene

Concen: 0.39 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

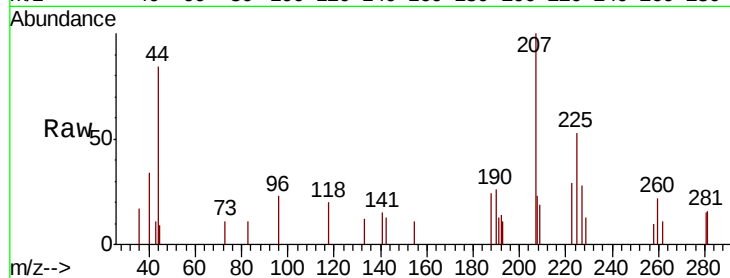
Tot Ion:225 Resp: 1424

Ion Ratio Lower Upper

225 100

223 66.0 31.4 94.2

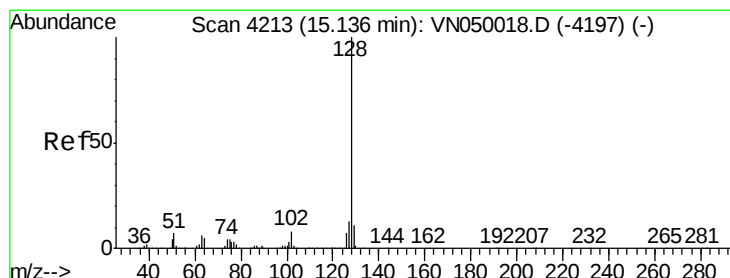
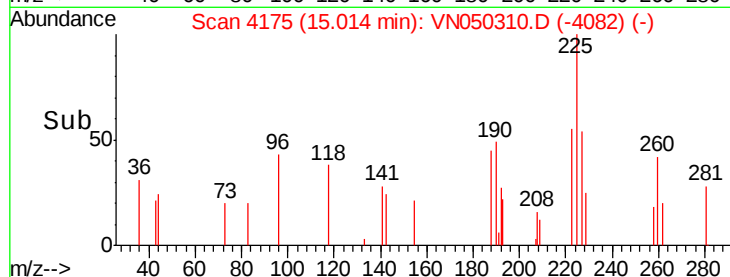
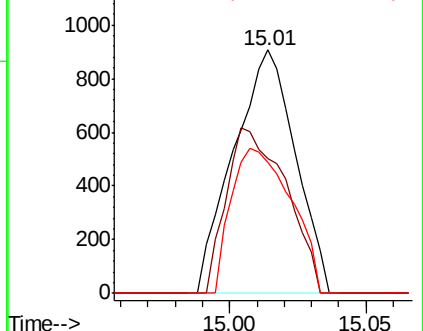
227 58.1 32.1 96.5



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: 4.77 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

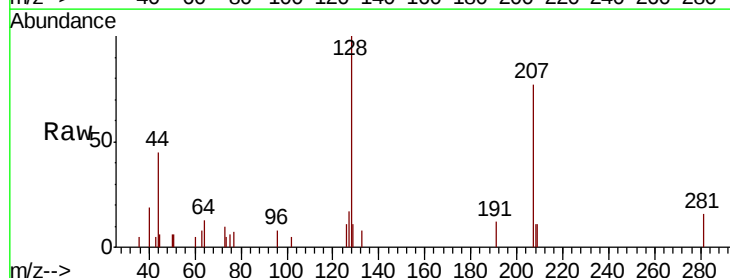
Tgt Ion:128 Resp: 5885

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

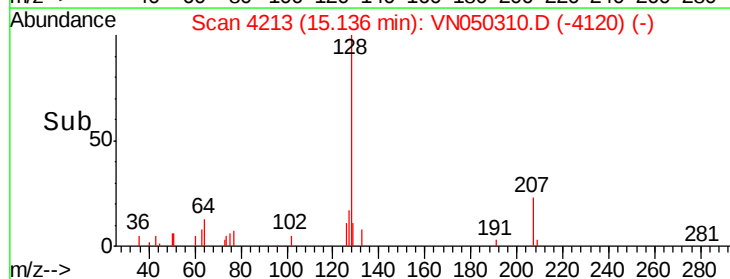
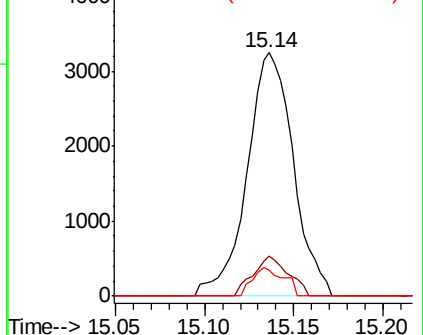
129 7.9 8.8 13.2#

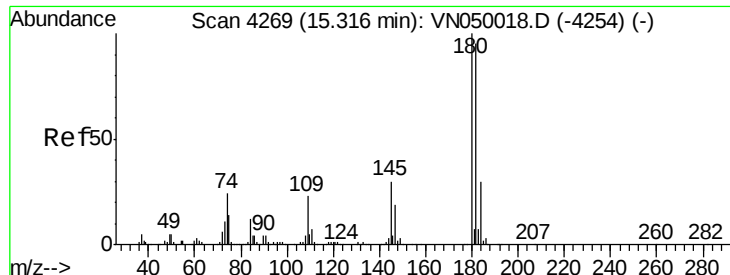


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 2.63 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.01 min

Lab File: VN050310.D

Acq: 3 Aug 2018 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBL02

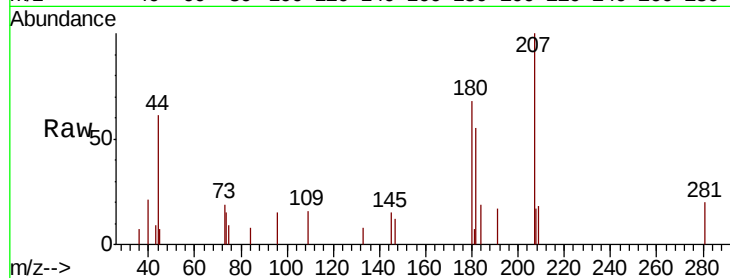
Tot Ion:180 Resp: 2774

Ion Ratio Lower Upper

180 100

182 97.6 48.1 144.4

145 24.9 15.3 45.9



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

