

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053912.D
 Acq On : 22 Feb 2019 13:32
 Operator : JC/SP
 Sample : K1546-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 22 22:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	995490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	374471	50.00	ug/l	0.00

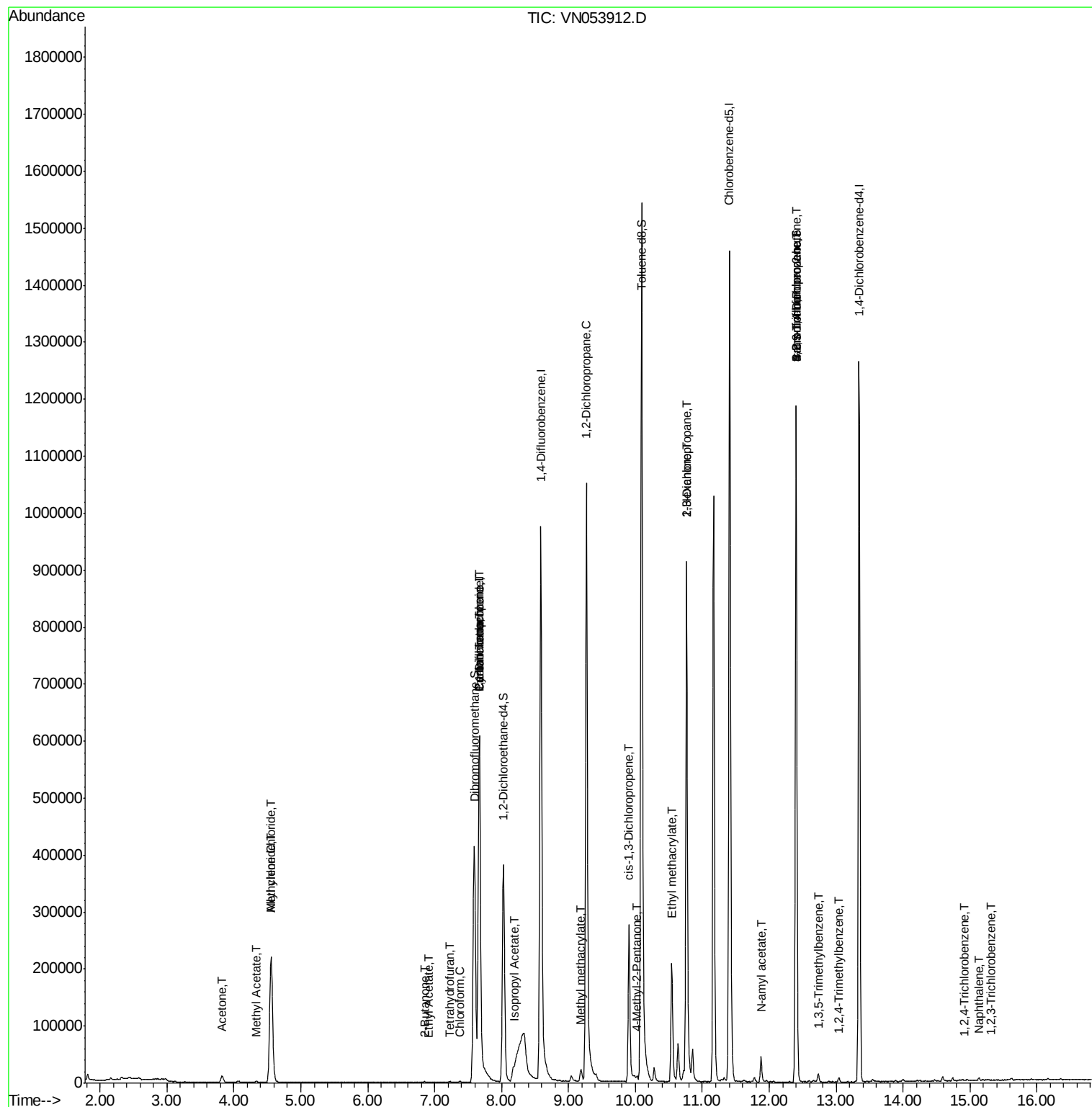
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	331405	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
35) Dibromofluoromethane	7.59	113	331163	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	10.09	98	1272346	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.40	95	410887	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

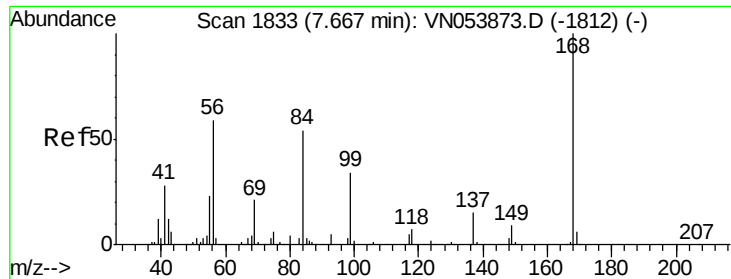
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	6192	0.719	ug/l #	26
16) Acetone	3.82	43	19463	11.288	ug/l #	83
18) Methyl Acetate	4.34	43	3440	0.845	ug/l #	64
20) Methylene Chloride	4.55	84	178474	27.648	ug/l	99
25) 2-Butanone	6.85	43	3258	1.464	ug/l	94
29) Tetrahydrofuran	7.23	42	1402	0.974	ug/l #	41
30) Chloroform	7.37	83	2479	0.227	ug/l	96
31) Cyclohexane	7.67	56	8601	0.329	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	35257	3.705	ug/l #	47
37) Ethyl Acetate	6.91	43	157	0.246	ug/l #	67
38) Carbon Tetrachloride	7.67	117	49275	5.184	ug/l #	17
41) Methacrylonitrile	7.22	41	525	Below Cal	#	100
43) Isopropyl Acetate	8.17	43	27478	2.707	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1548	0.216	ug/l #	44
48) Methyl methacrylate	9.18	41	7803	1.793	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	7021	7.832	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	60434	5.788	ug/l #	62
56) Ethyl methacrylate	10.55	69	862	2.571	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10965	1.069	ug/l #	43
59) 2-Hexanone	10.76	43	135846	42.661	ug/l #	50
71) Bromoform	12.40	173	2905	0.538	ug/l #	1
74) N-amyl acetate	11.88	43	13102	2.163	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	191600	34.854	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7071	0.323	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	191600	115.062	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	5473	0.249	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	232	2.956	ug/l #	64
95) Naphthalene	15.14	128	4709	4.900	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	247	2.597	ug/l #	47

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053912.D

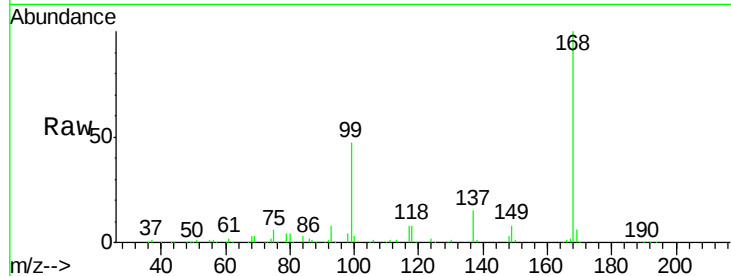
Acq: 22 Feb 2019 13:32

Tot Ion:168 Resp: 613458

Ion Ratio Lower Upper

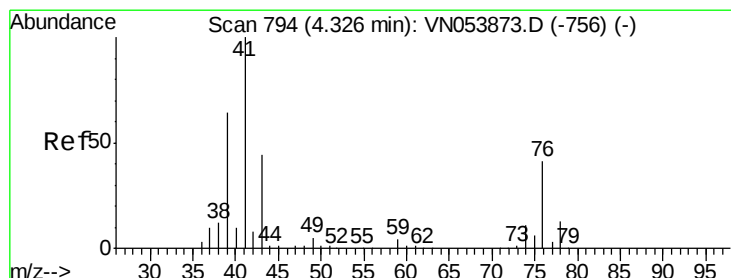
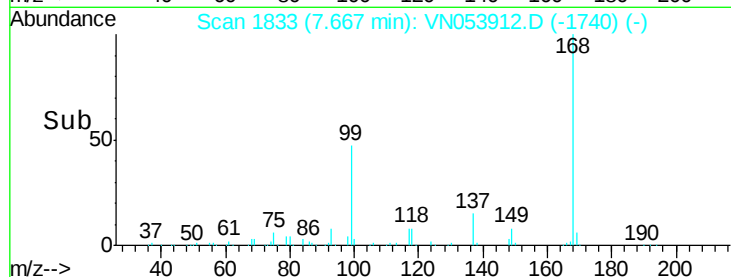
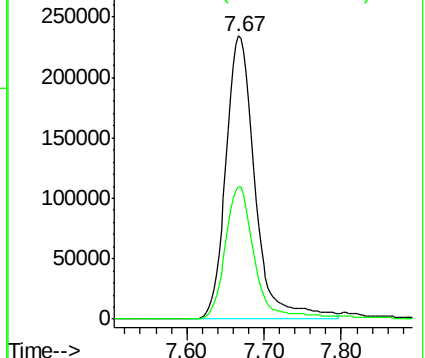
168 100

99 46.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 0.719 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

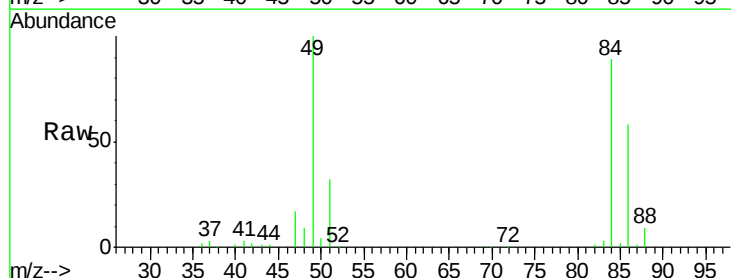
Tgt Ion: 41 Resp: 6192

Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

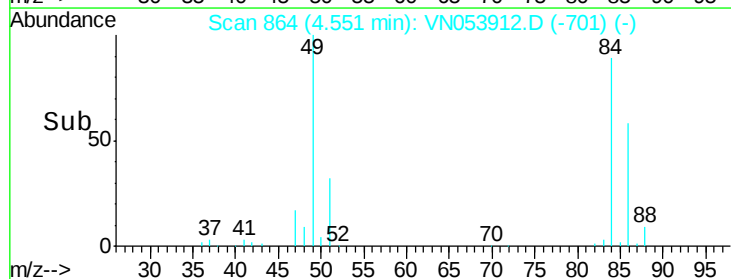
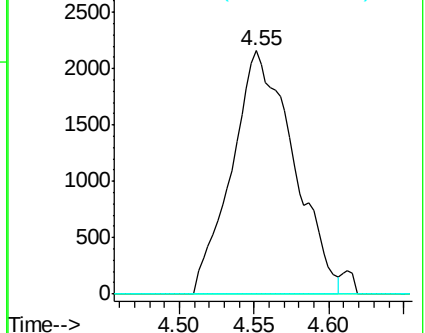
76 0.0 30.9 46.3#

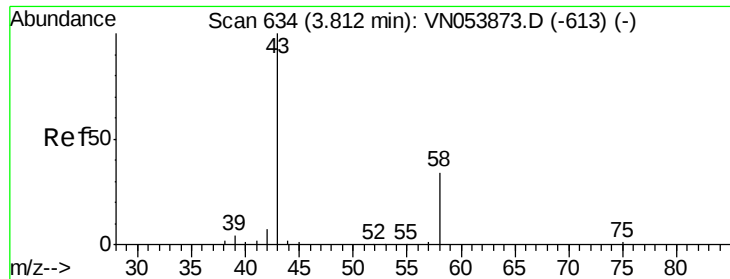


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 11.288 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053912.D

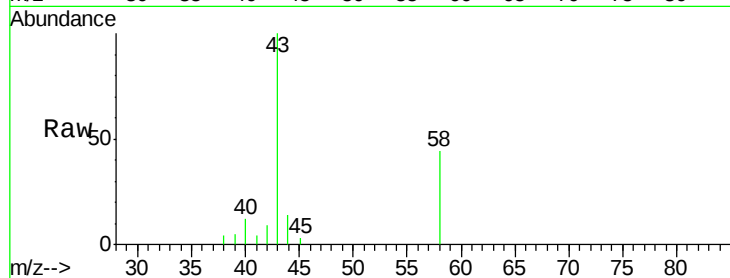
Acq: 22 Feb 2019 13:32

Tot Ion: 43 Resp: 19463

Ion Ratio Lower Upper

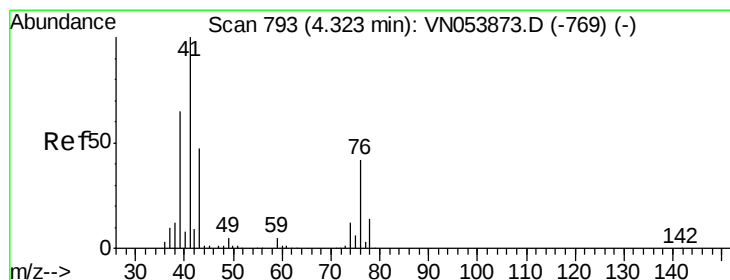
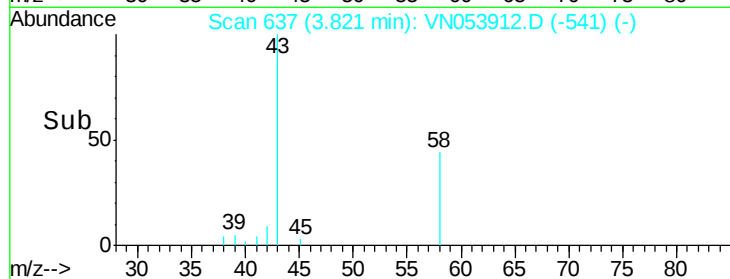
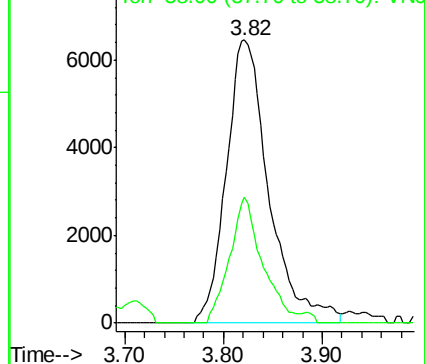
43 100

58 44.5 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.845 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053912.D

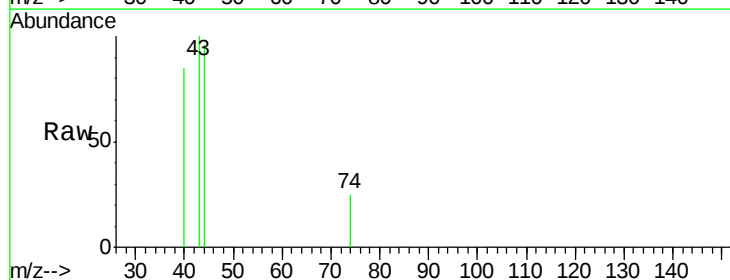
Acq: 22 Feb 2019 13:32

Tgt Ion: 43 Resp: 3440

Ion Ratio Lower Upper

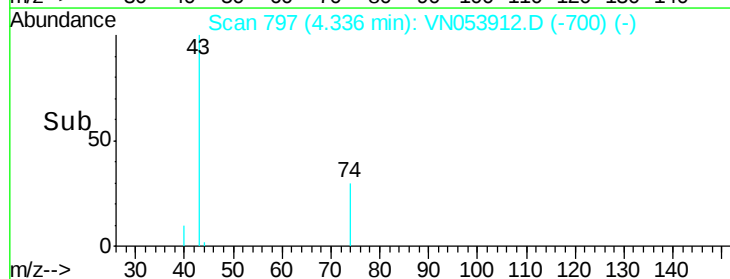
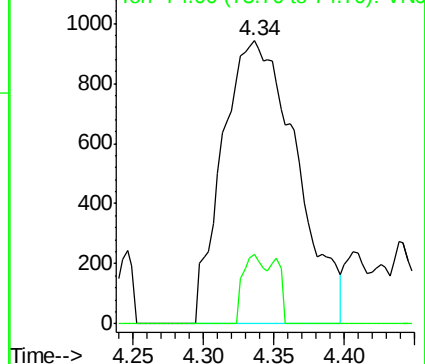
43 100

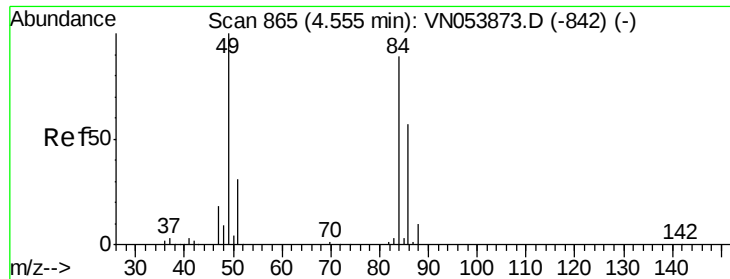
74 7.6 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

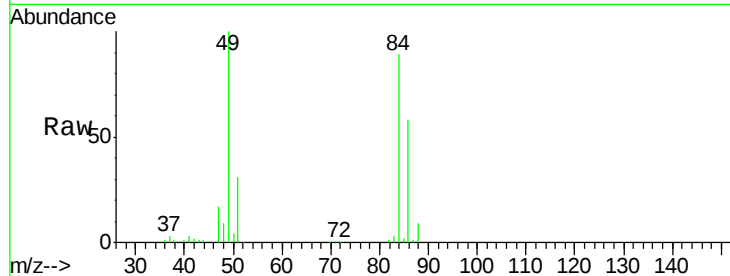




#20
Methvlene Chloride
Concen: 27.648 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tot Ion: 84 Resp: 178474

Ion	Ratio	Lower	Upper
84	100		
49	112.5	89.7	134.5
51	35.3	27.8	41.8
86	65.8	51.3	76.9

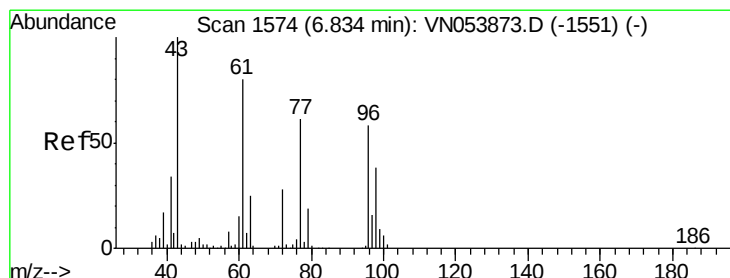
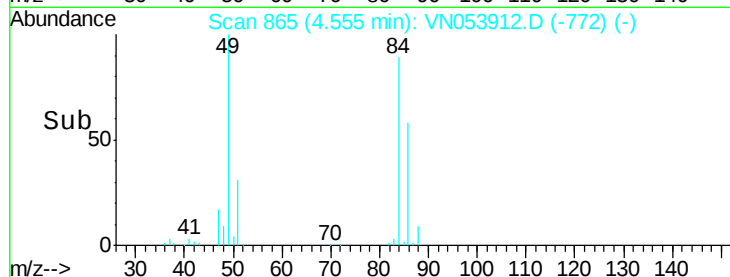
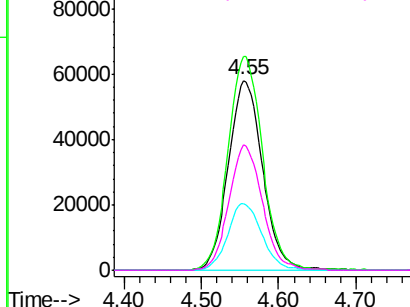


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

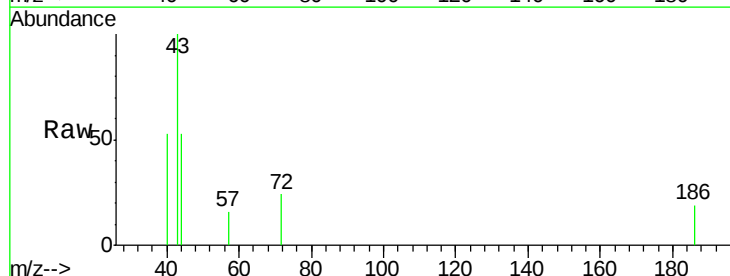
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 1.464 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

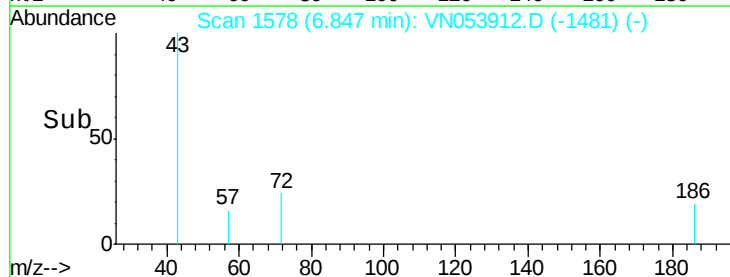
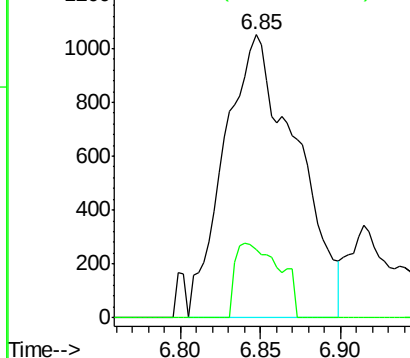
Tgt Ion: 43 Resp: 3258

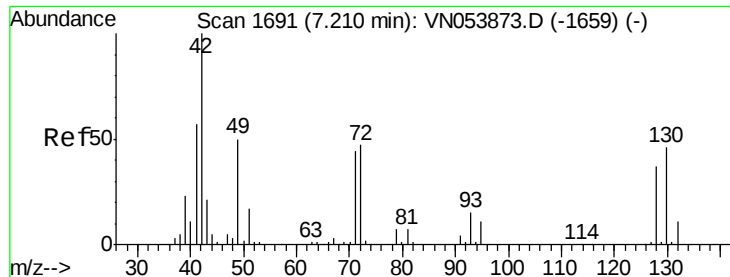
Ion	Ratio	Lower	Upper
43	100		
72	24.3	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.974 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

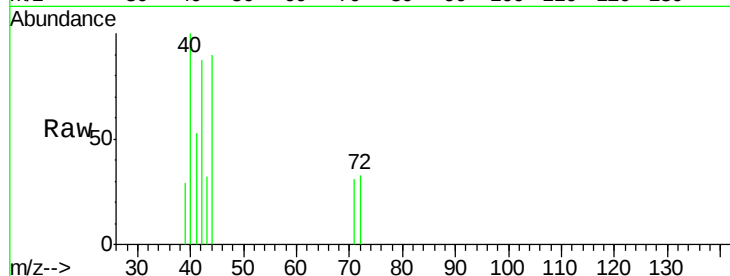
Tot Ion: 42 Resp: 1402

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

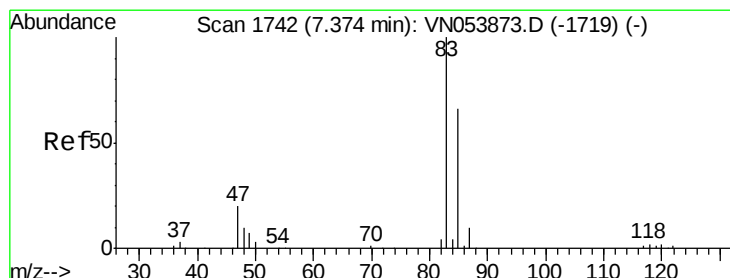
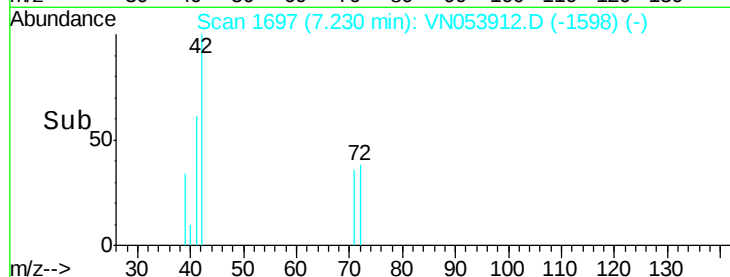
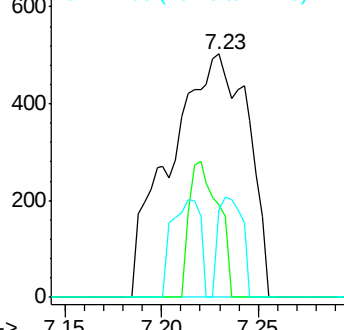
71 12.7 34.6 52.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.227 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN053912.D

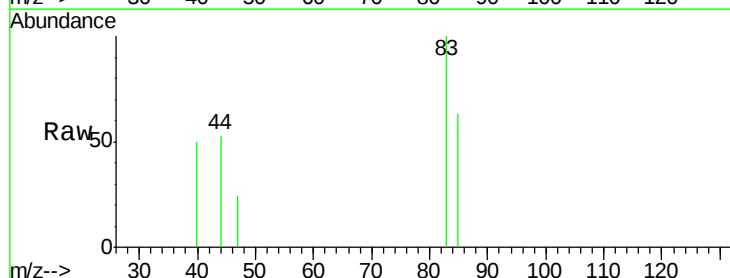
Acq: 22 Feb 2019 13:32

Tgt Ion: 83 Resp: 2479

Ion Ratio Lower Upper

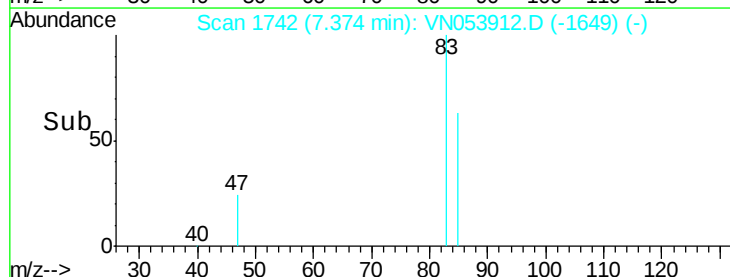
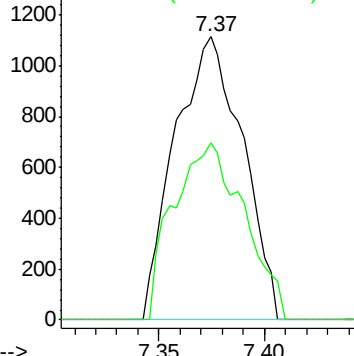
83 100

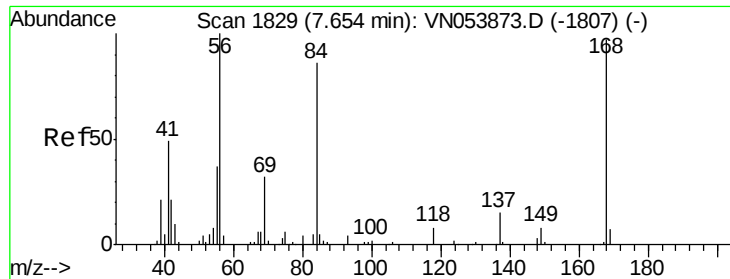
85 62.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

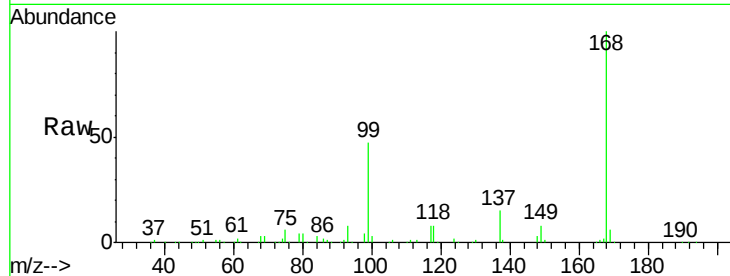
Ion 84.90 (84.60 to 85.60): VN0



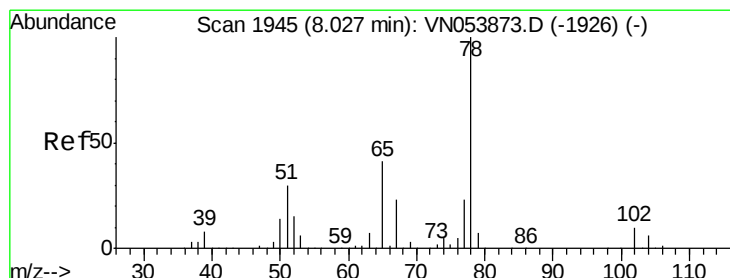
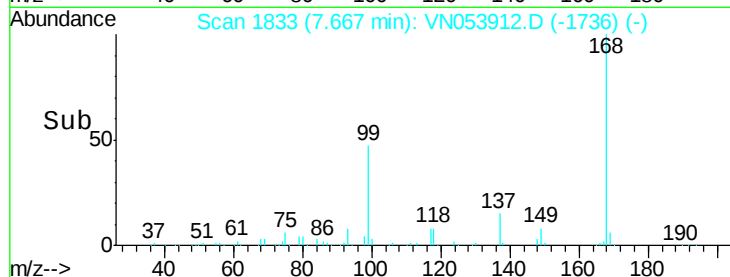
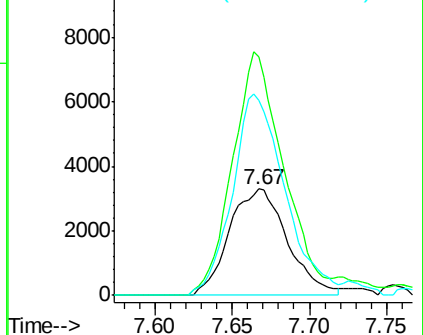


#31
Cyclohexane
Concen: 0.329 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tot Ion: 56 Resp: 8601
Ion Ratio Lower Upper
56 100
69 224.0 26.0 39.0#
84 182.8 69.1 103.7#

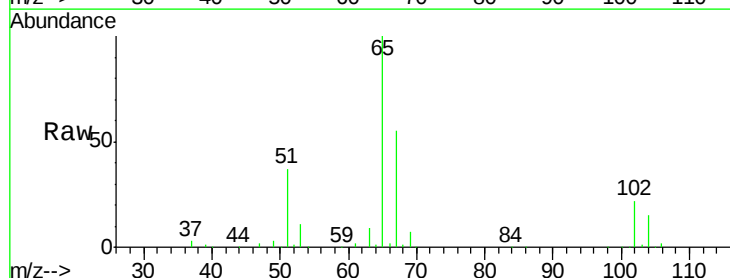


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

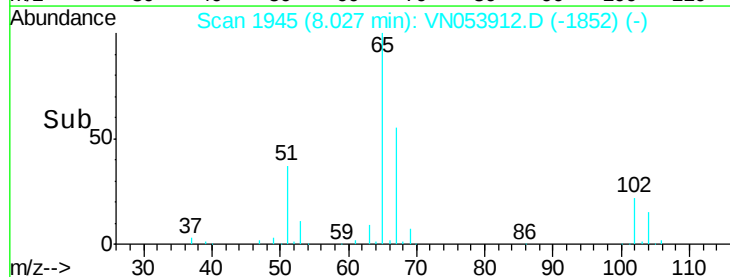
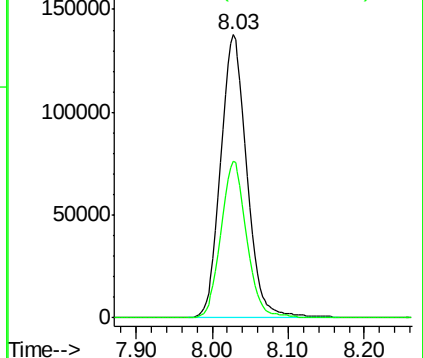


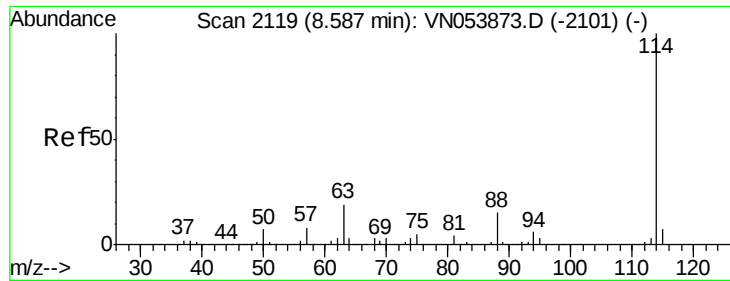
#33
1,2-Dichloroethane-d4
Concen: 52.860 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tgt Ion: 65 Resp: 331405
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.8



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

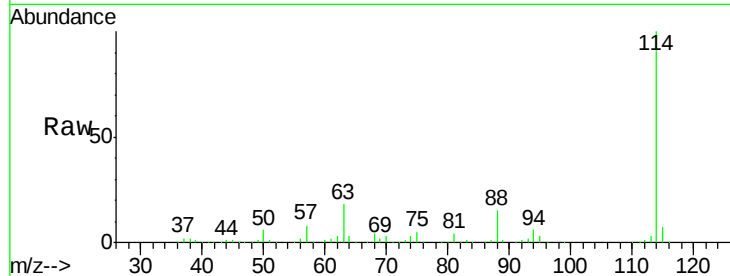




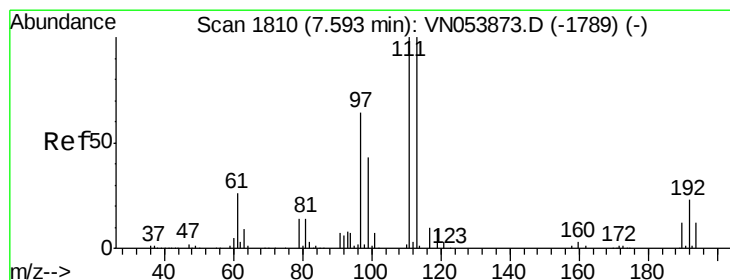
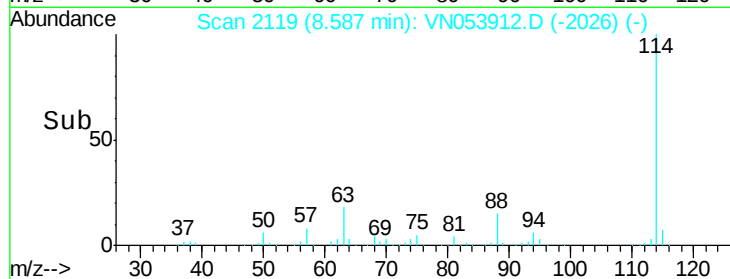
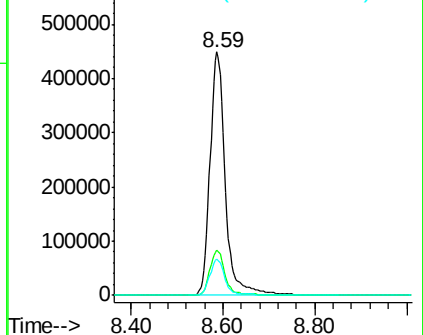
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053912.D
 Acq: 22 Feb 2019 13:32

Tot Ion:114 Resp: 1038098

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.4
88	14.9	0.0	30.4



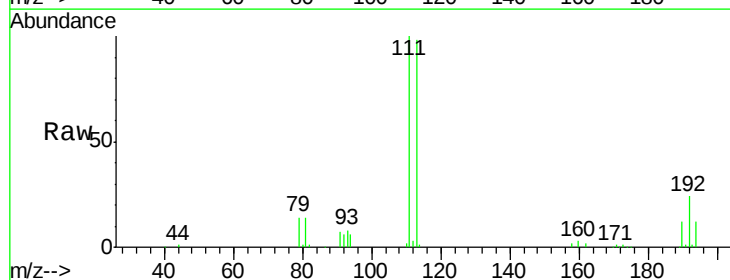
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V



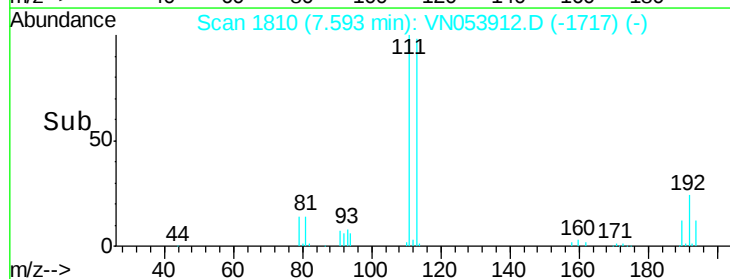
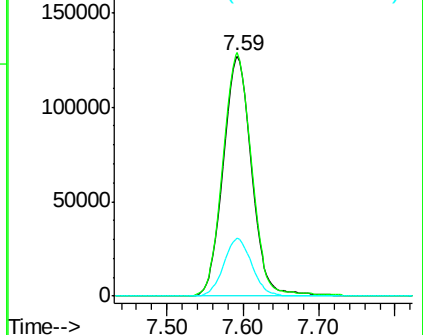
#35
 Dibromofluoromethane
 Concen: 48.609 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN053912.D
 Acq: 22 Feb 2019 13:32

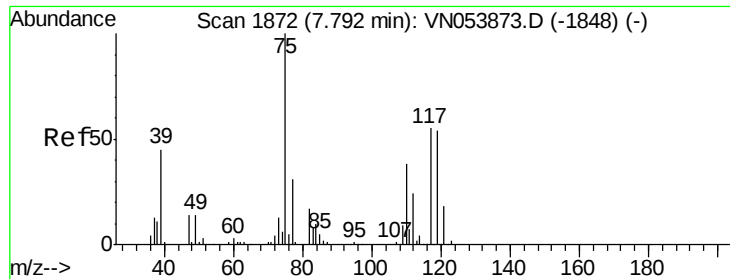
Tgt Ion:113 Resp: 331163

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.7	18.8	28.2



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





#36

1,1-Dichloropropene

Concen: 3.705 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

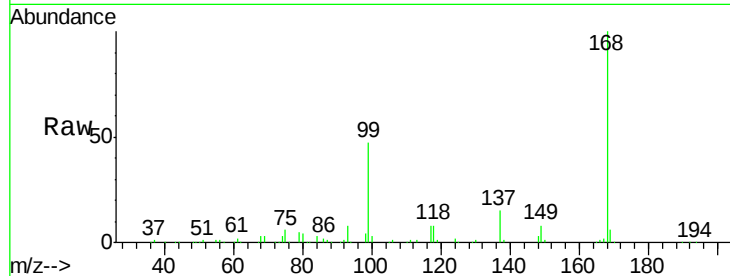
Tot Ion: 75 Resp: 35257

Ion Ratio Lower Upper

75 100

110 8.2 19.0 57.0#

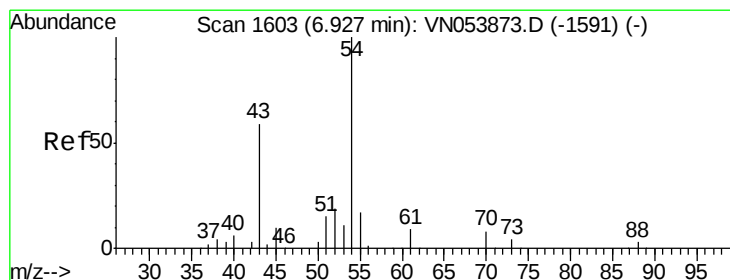
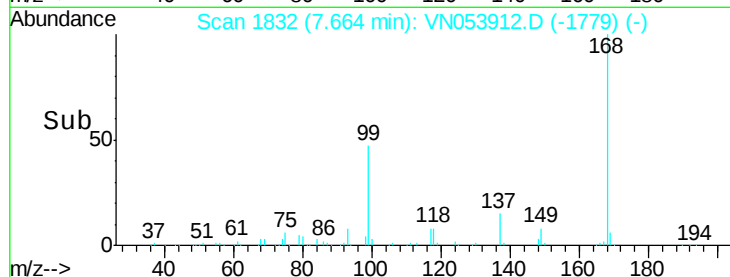
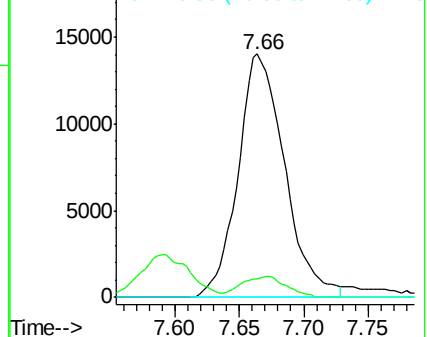
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053873.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN053873.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN053873.D (-1848) (-)



#37

Ethyl Acetate

Concen: 0.246 ug/l

RT: 6.91 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

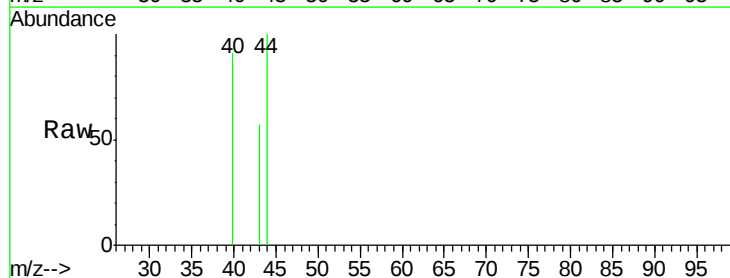
Tgt Ion: 43 Resp: 157

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

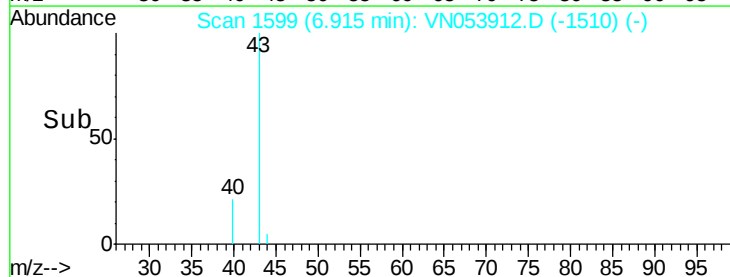
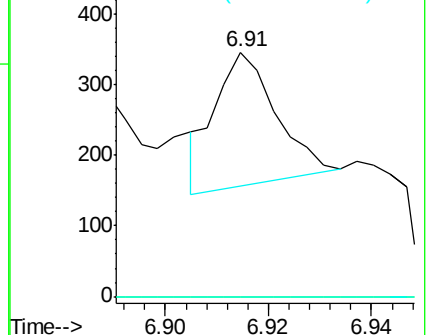
70 0.0 8.7 13.1#

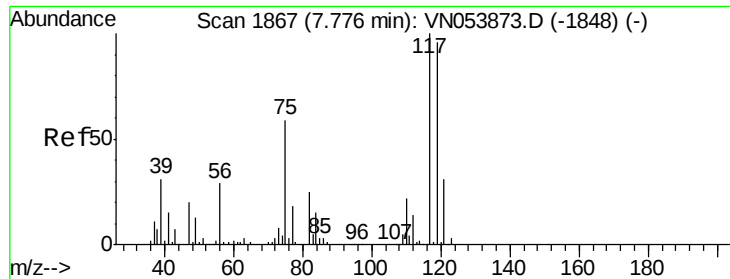


Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1591) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1591) (-)

Ion 70.00 (69.70 to 70.70): VN053873.D (-1591) (-)





#38

Carbon Tetrachloride

Concen: 5.184 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

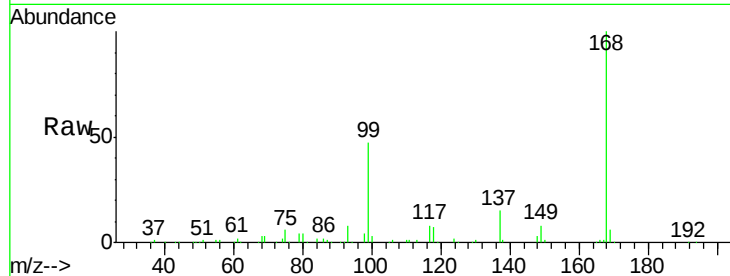
Tot Ion:117 Resp: 49275

Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.2#

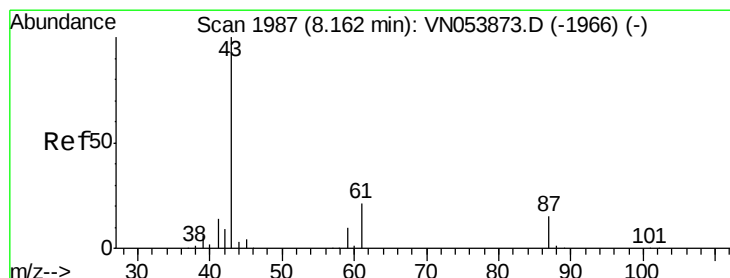
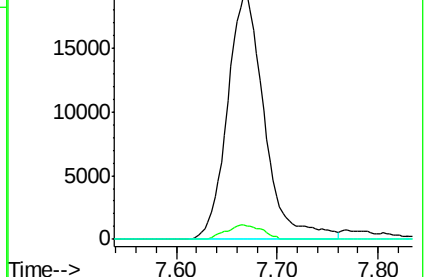
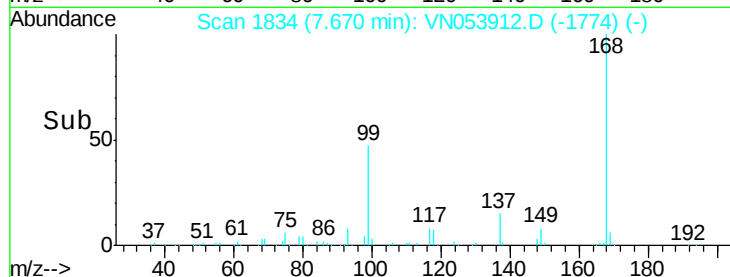
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.707 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

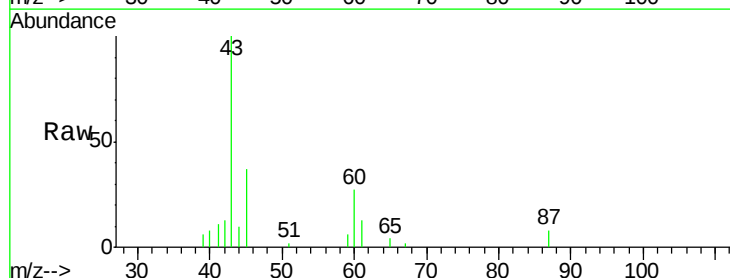
Tgt Ion: 43 Resp: 27478

Ion Ratio Lower Upper

43 100

61 15.6 17.4 26.0#

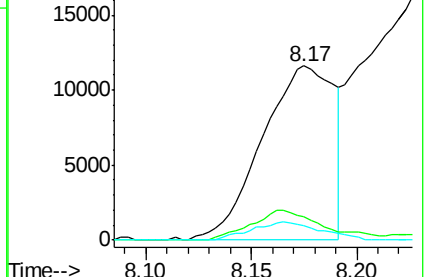
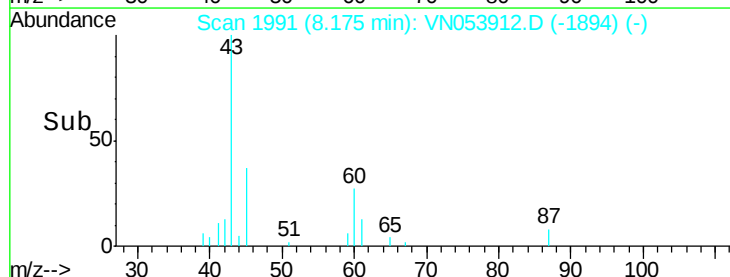
87 10.0 11.5 17.3#

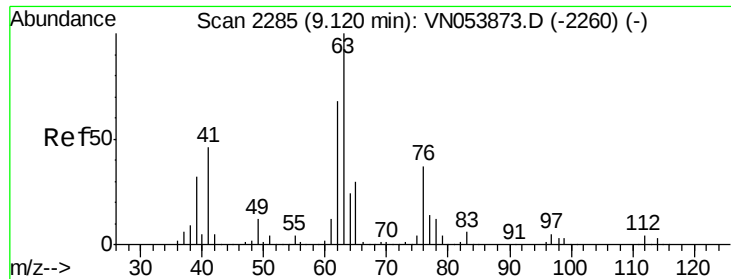


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.216 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN053912.D

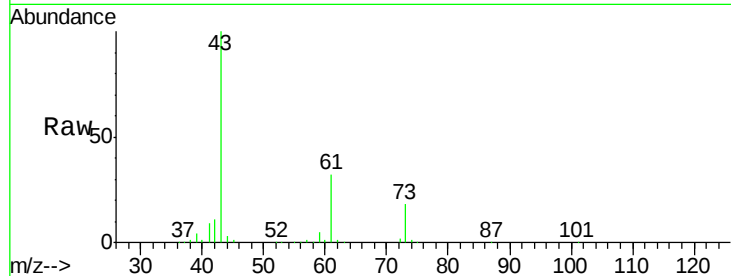
Acq: 22 Feb 2019 13:32

Tot Ion: 63 Resp: 1548

Ion Ratio Lower Upper

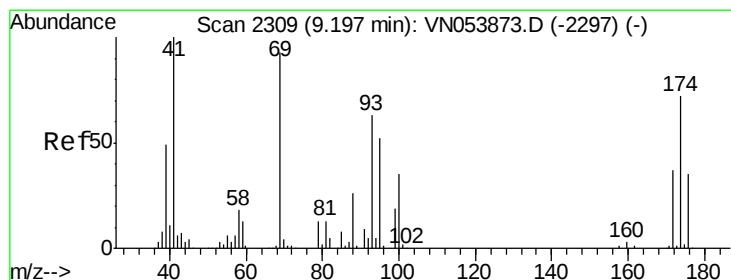
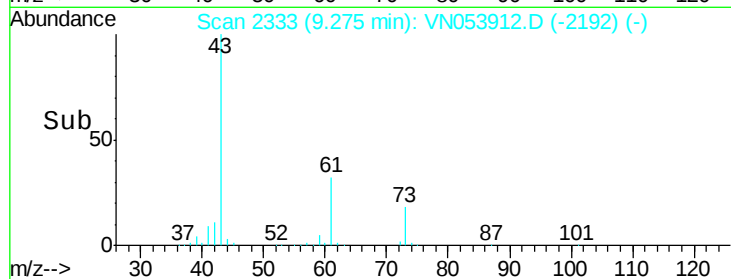
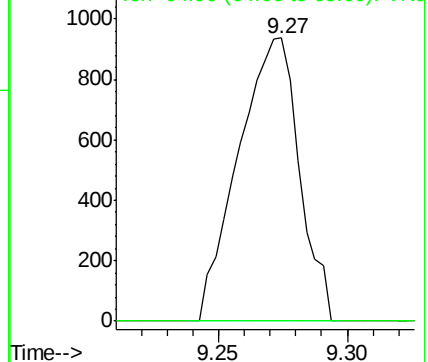
63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.793 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

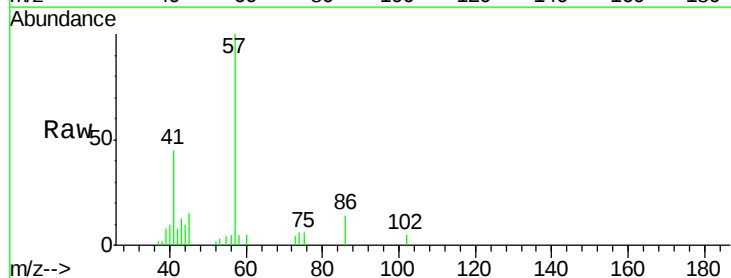
Tgt Ion: 41 Resp: 7803

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

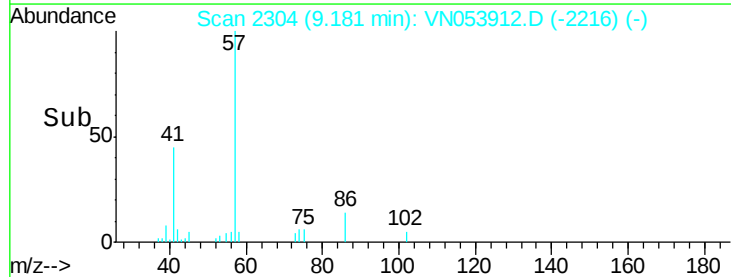
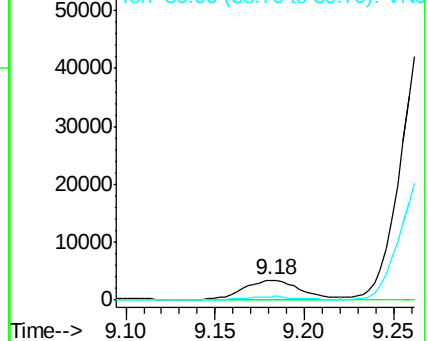
39 0.0 39.0 58.6#

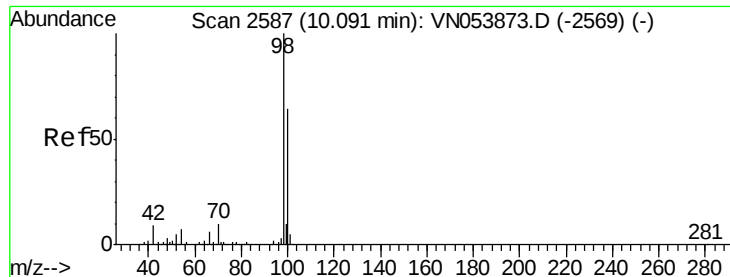


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

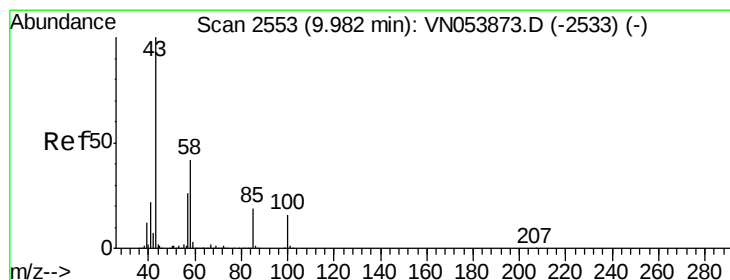
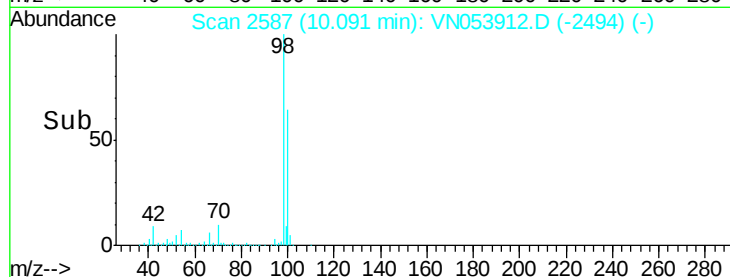
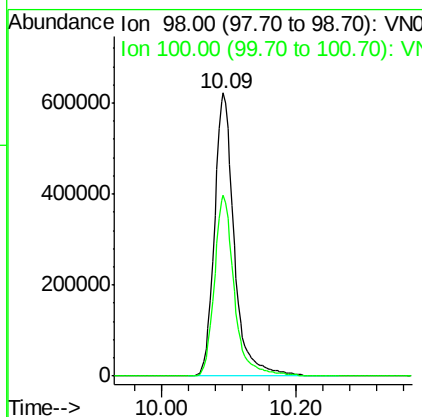
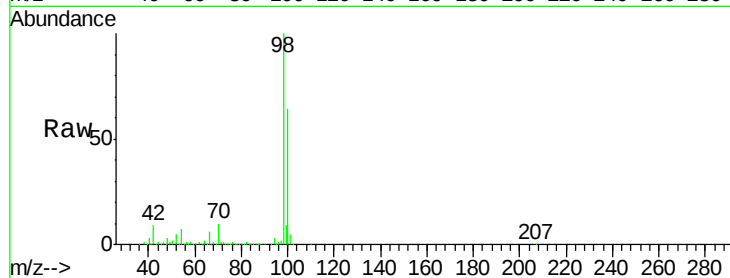
Ion 39.00 (38.70 to 39.70): VNO





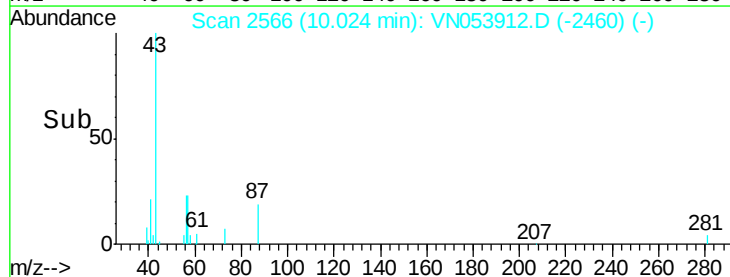
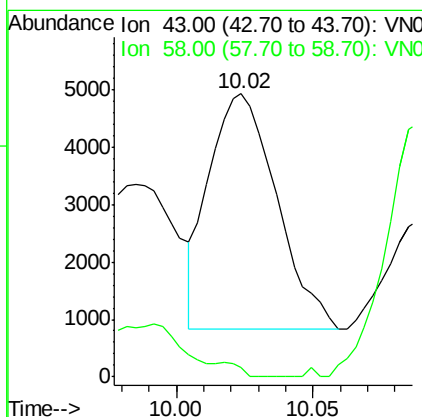
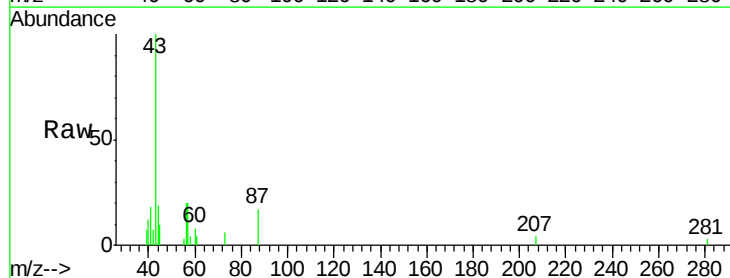
#50
Toluene-d8
Concen: 51.708 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

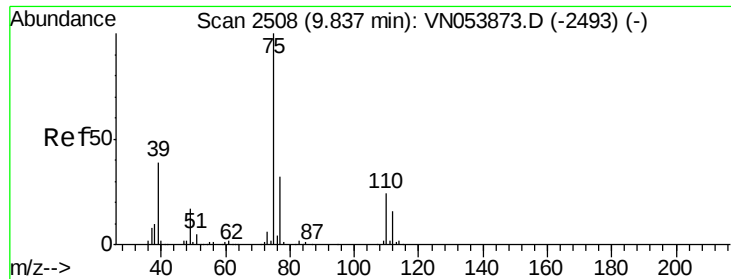
Tot Ion: 98 Resp: 1272346
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 7.832 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tgt Ion: 43 Resp: 7021
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#





#54

cis-1,3-Dichloropropene

Concen: 5.788 ug/l

RT: 9.90 min Scan# 2529

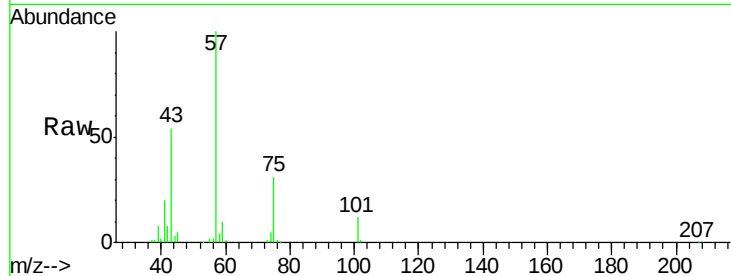
Delta R.T. 0.07 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tot Ion: 75 Resp: 60434

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.6#
39	25.0	31.4	47.0#

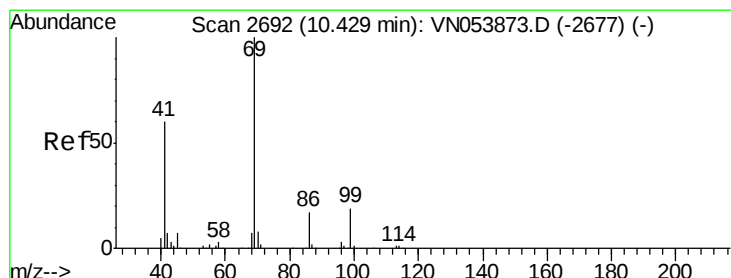
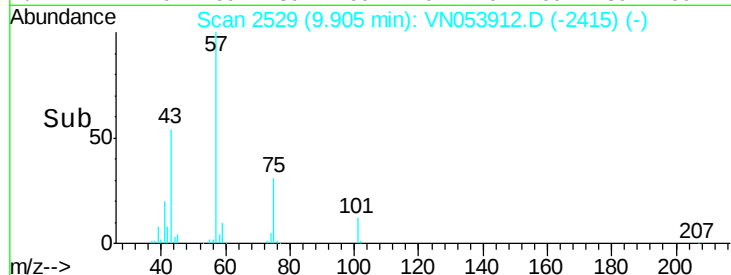
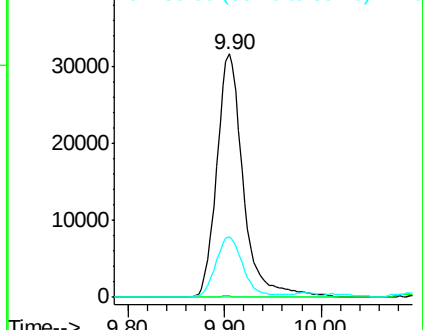


Abundance

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



#56

Ethyl methacrylate

Concen: 2.571 ug/l

RT: 10.55 min Scan# 2729

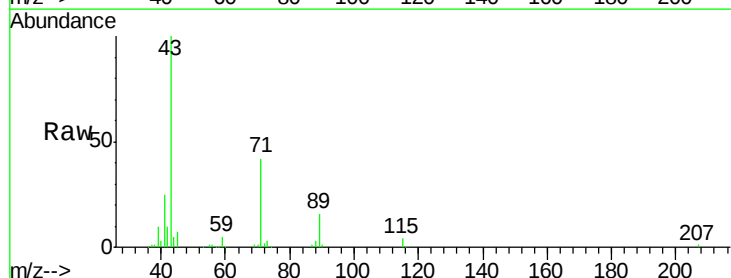
Delta R.T. 0.12 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tgt Ion: 69 Resp: 862

Ion	Ratio	Lower	Upper
69	100		
41	4658.0	47.5	71.3#
39	1844.1	23.4	35.0#

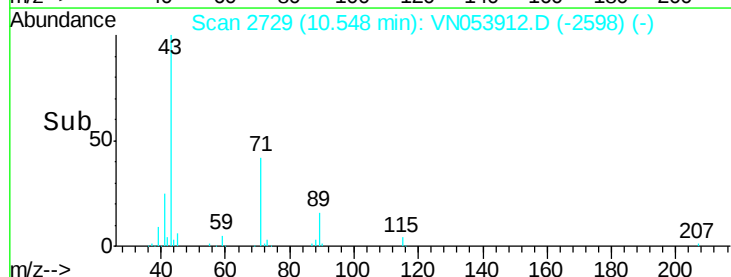
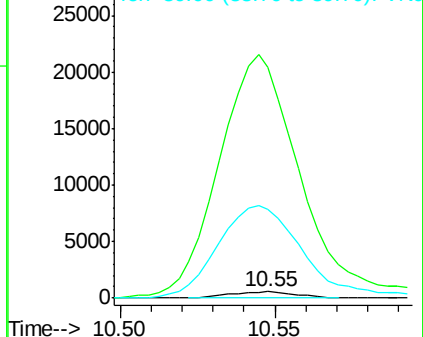


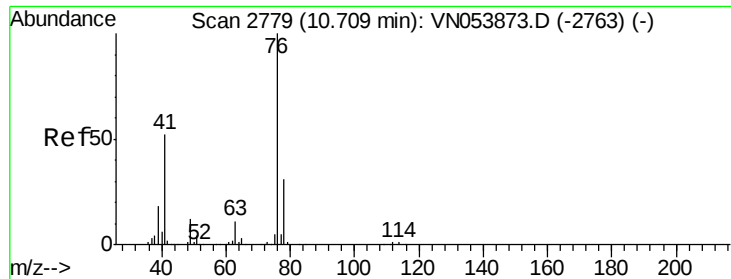
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 1.069 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053912.D

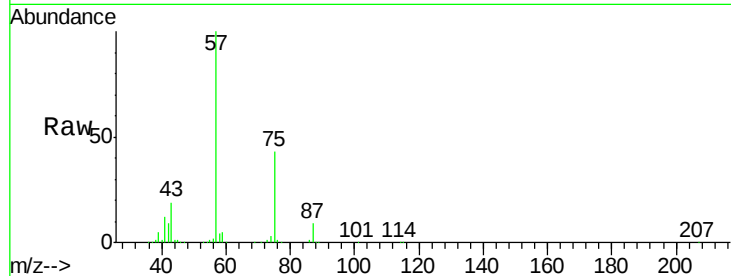
Acq: 22 Feb 2019 13:32

Tot Ion: 76 Resp: 10965

Ion Ratio Lower Upper

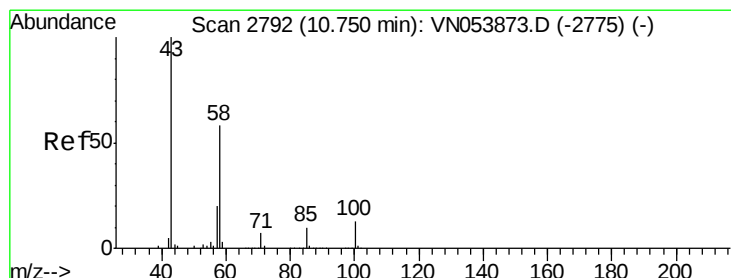
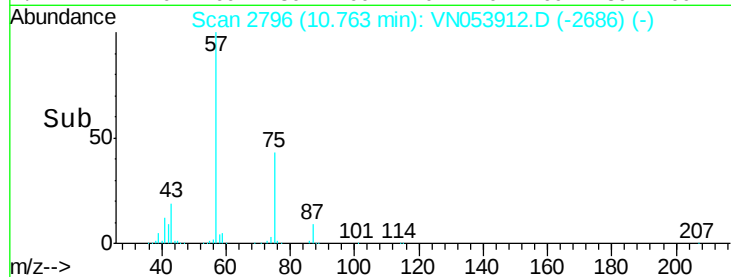
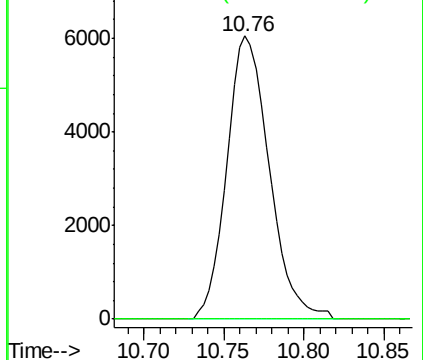
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 42.661 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053912.D

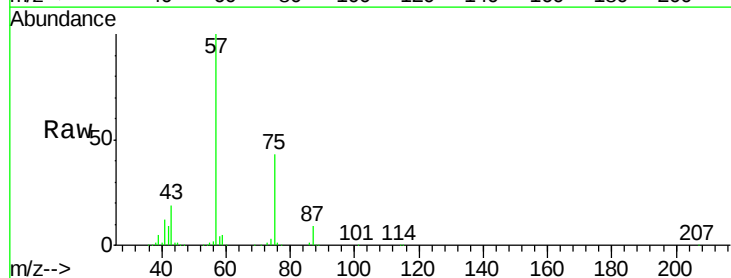
Acq: 22 Feb 2019 13:32

Tgt Ion: 43 Resp: 135846

Ion Ratio Lower Upper

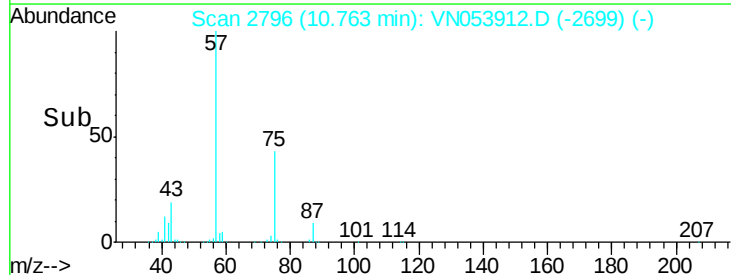
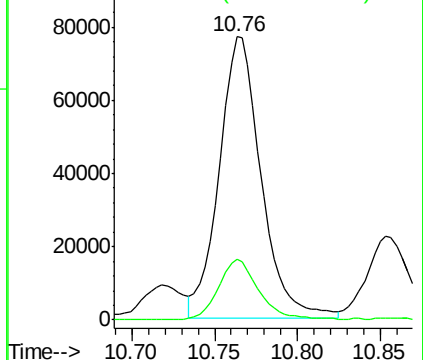
43 100

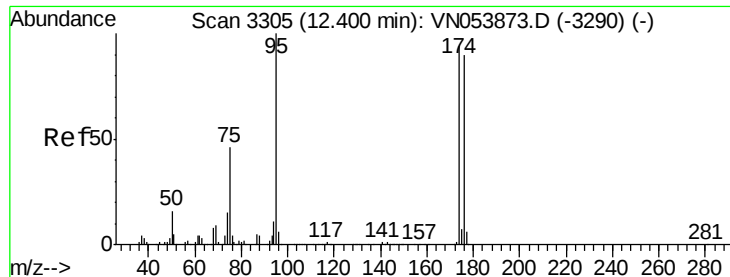
58 20.7 29.1 87.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

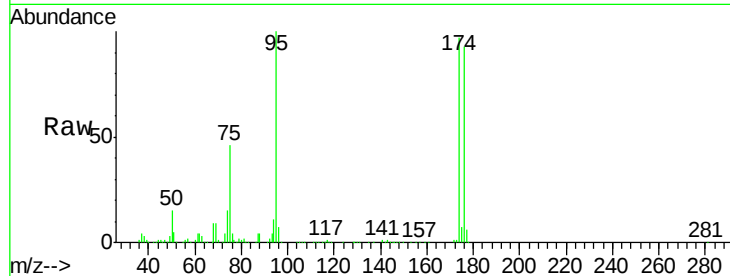
Ion 58.00 (57.70 to 58.70): VN0





#62
4-Bromofluorobenzene
Concen: 50.580 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

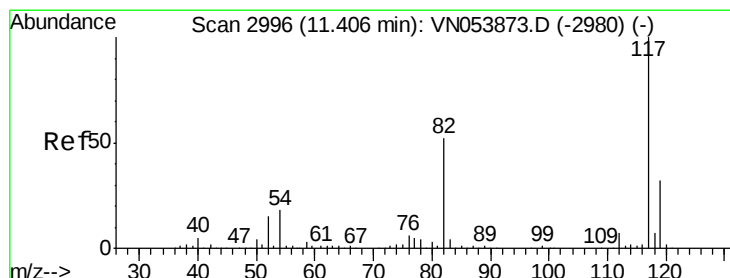
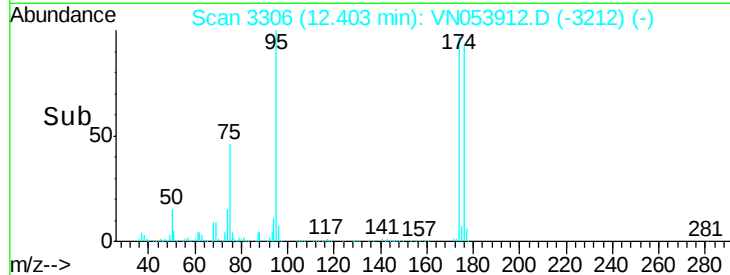
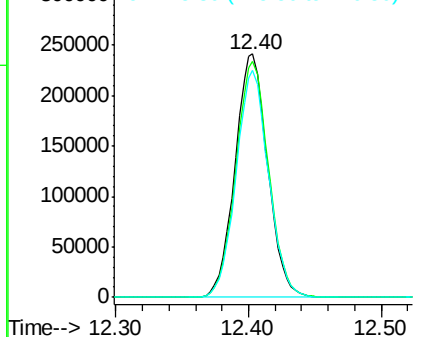
Tot Ion	95	Resp	410887
Ion Ratio	Lower	Upper	
95	100		
174	97.5	0.0	188.8
176	92.6	0.0	182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

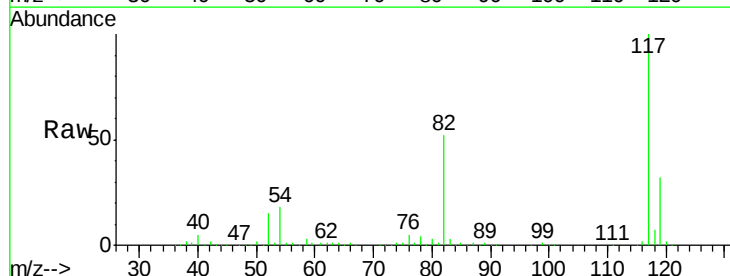
Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

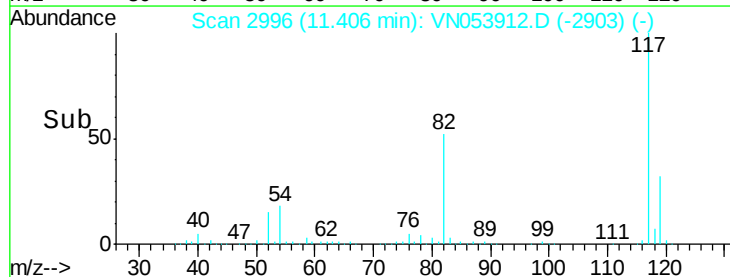
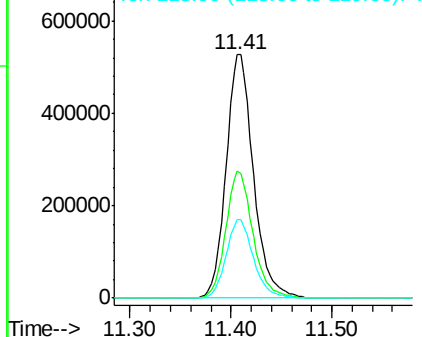
Tgt Ion	117	Resp	995490
Ion Ratio	Lower	Upper	
117	100		
82	52.2	41.4	62.2
119	32.0	25.3	37.9

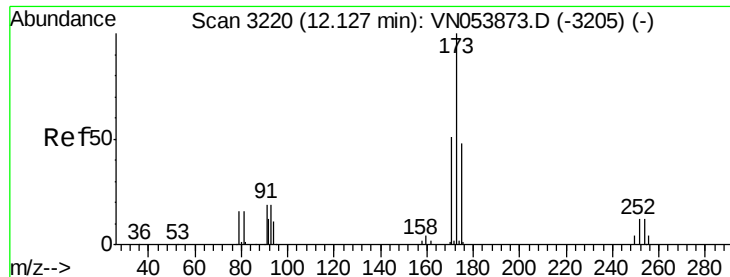


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053873.D (-2980) (-)

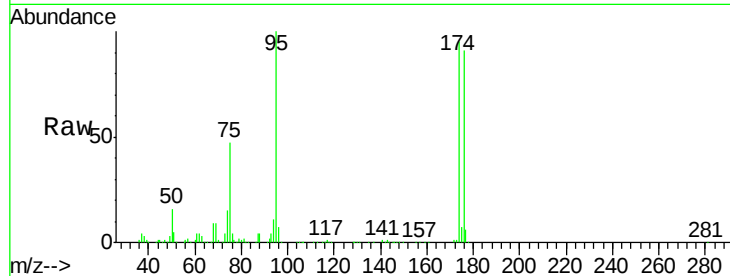
Ion 118.90 (118.60 to 119.60): VN053873.D (-2980) (-)



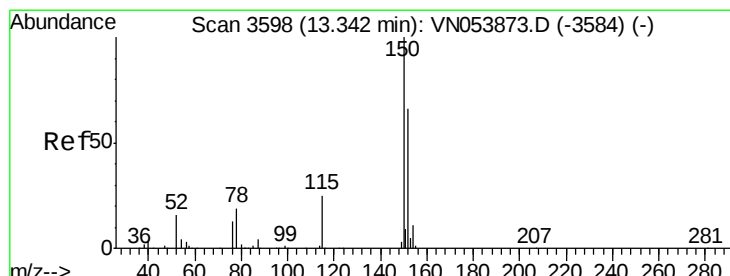
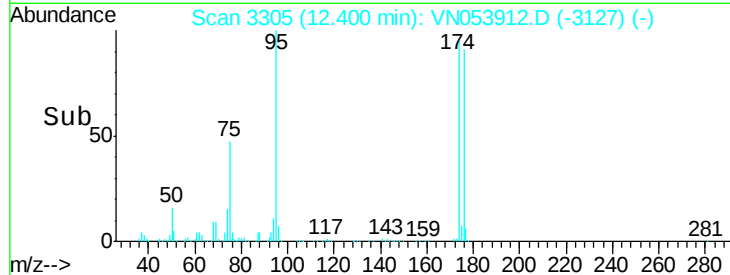
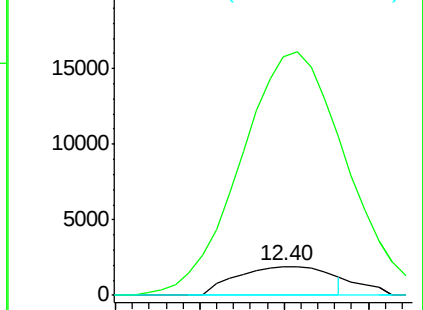


#71
Bromoform
Concen: 0.538 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tot Ion:173 Resp: 2905
Ion Ratio Lower Upper
173 100
175 817.6 24.3 72.8#
254 0.0 0.2 0.2#

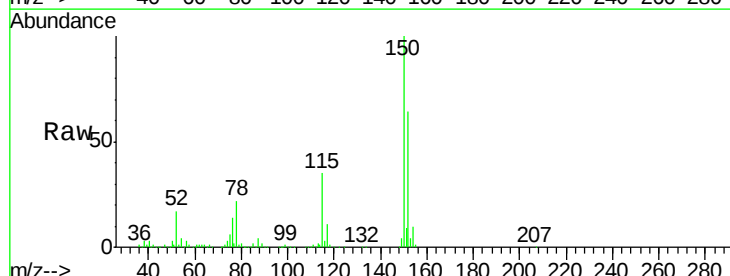


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

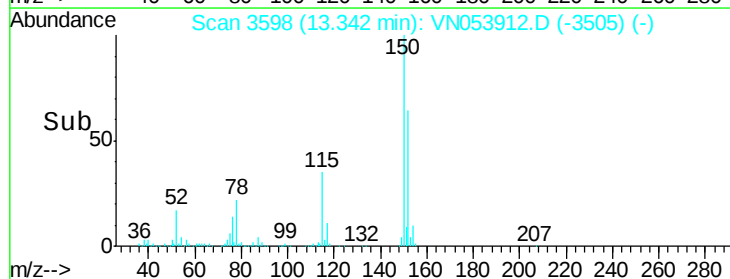
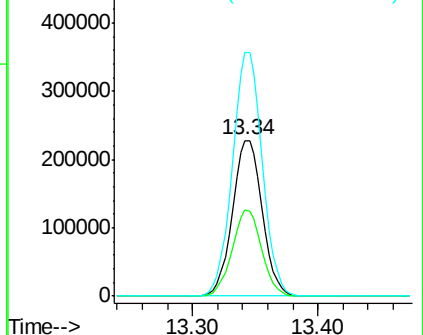


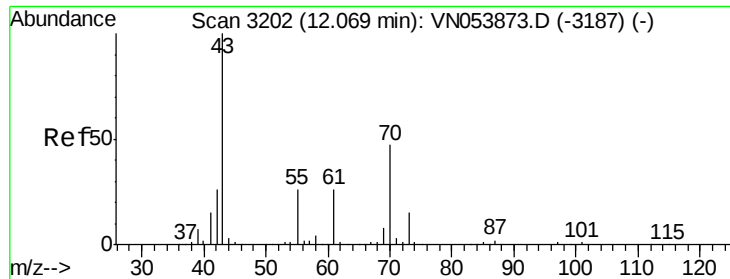
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tgt Ion:152 Resp: 374471
Ion Ratio Lower Upper
152 100
115 54.8 27.2 81.6
150 157.0 0.0 348.2



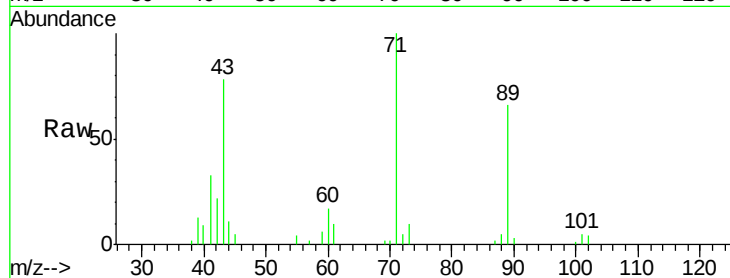
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



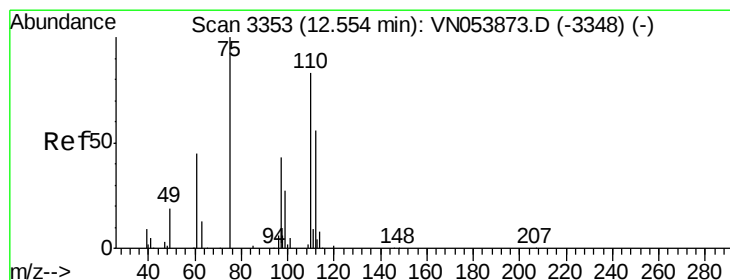
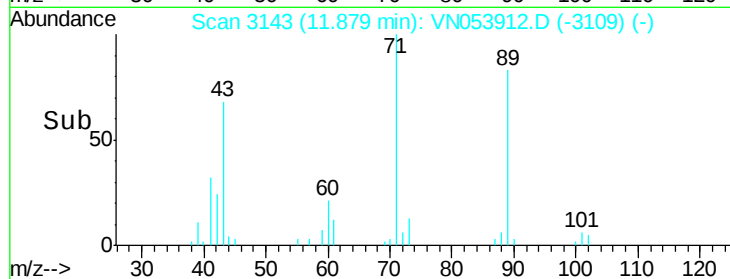
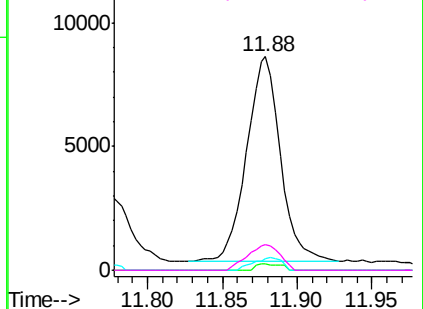


#74
N-amyl acetate
Concen: 2.163 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tot Ion: 43 Resp: 13102
Ion Ratio Lower Upper
43 100
70 2.3 37.4 56.2#
55 5.1 21.4 32.0#
61 12.0 20.9 31.3#

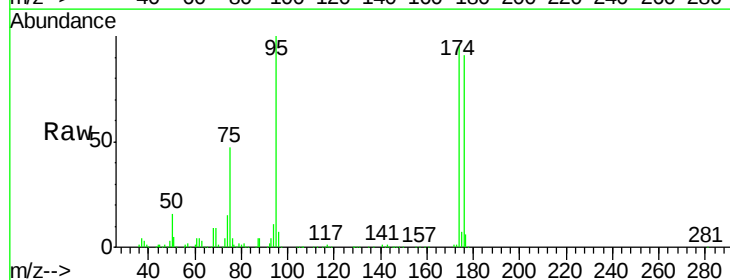


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO

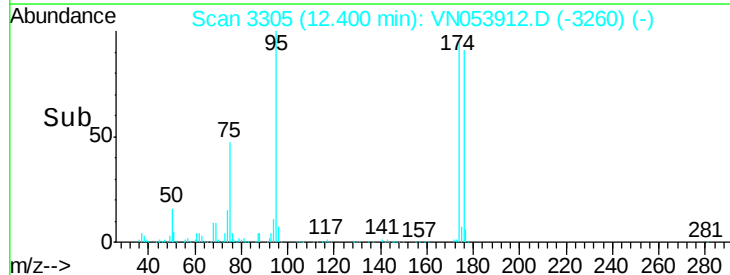
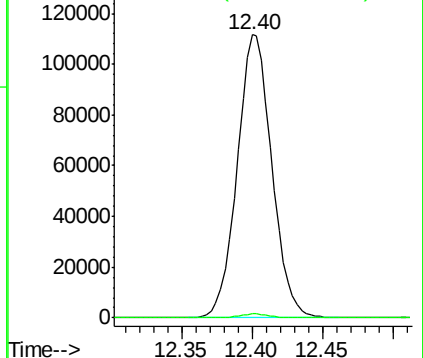


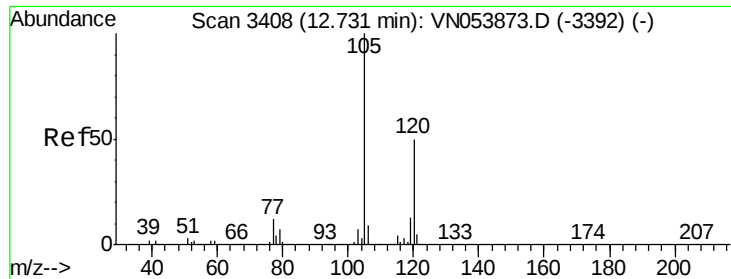
#76
1,2,3-Trichloropropane
Concen: 34.854 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tgt Ion: 75 Resp: 191600
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.323 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053912.D

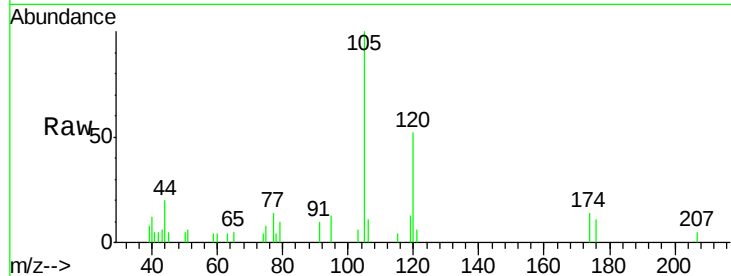
Acq: 22 Feb 2019 13:32

Tot Ion: 105 Resp: 7071

Ion Ratio Lower Upper

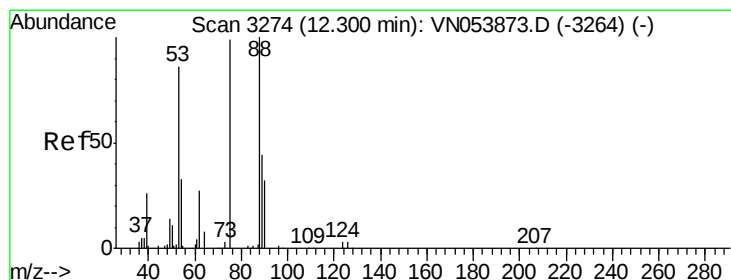
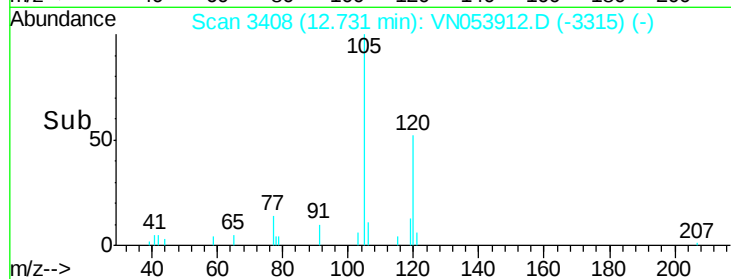
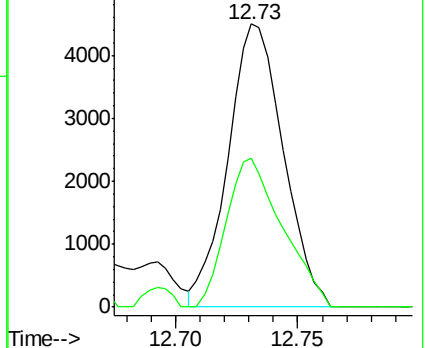
105 100

120 53.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 115.062 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

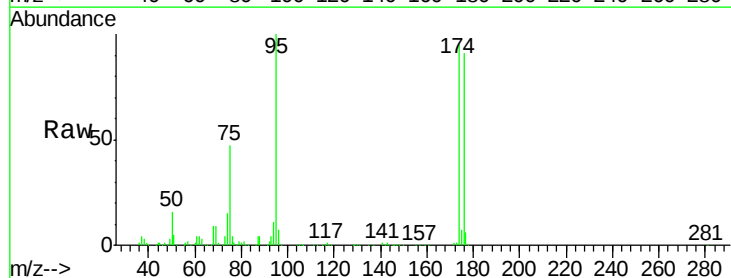
Tgt Ion: 75 Resp: 191600

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

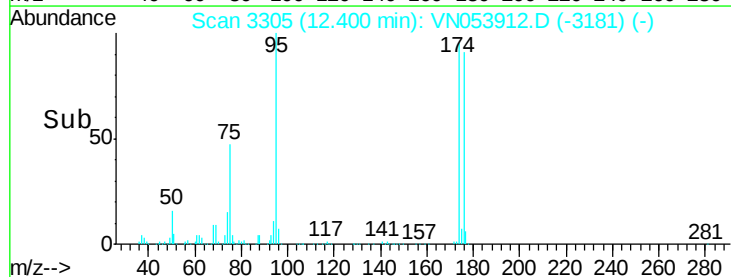
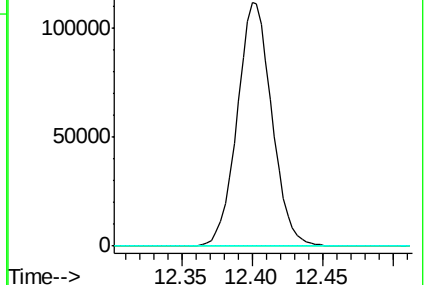
89 0.0 35.3 52.9#

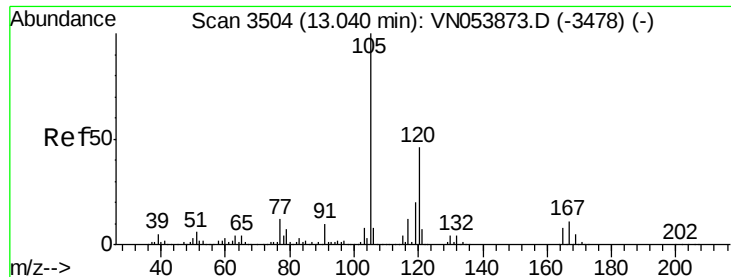


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.249 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053912.D

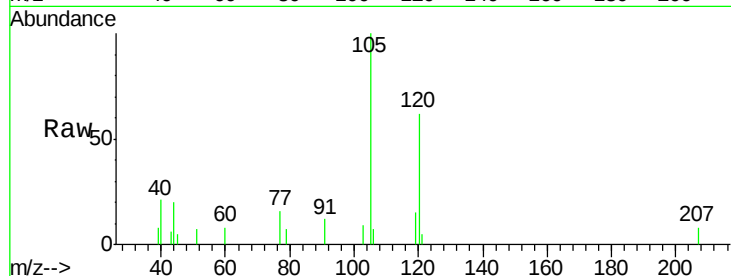
Acq: 22 Feb 2019 13:32

Tot Ion:105 Resp: 5473

Ion Ratio Lower Upper

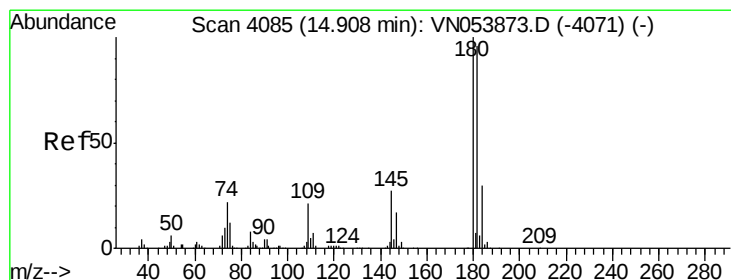
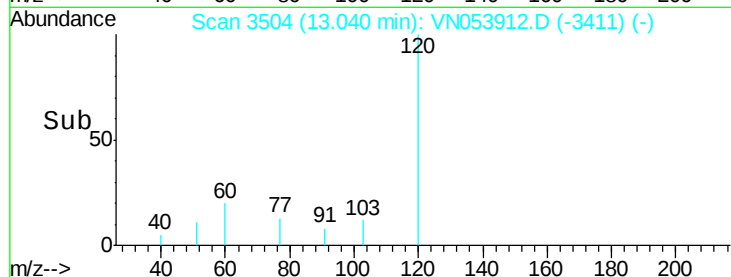
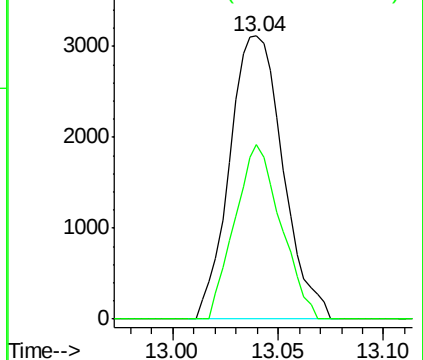
105 100

120 53.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.956 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

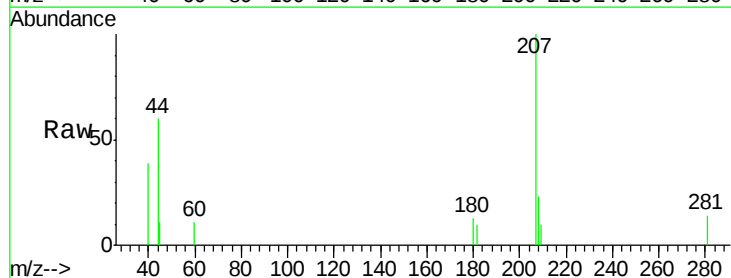
Tgt Ion:180 Resp: 232

Ion Ratio Lower Upper

180 100

182 128.4 48.6 145.9

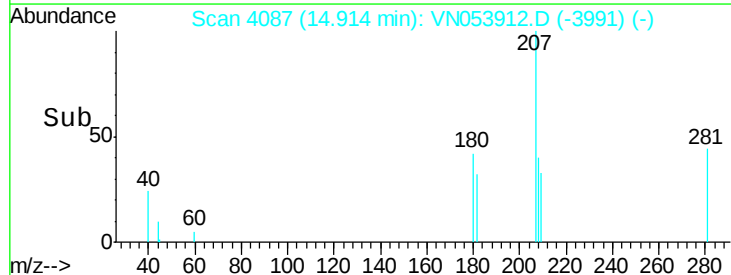
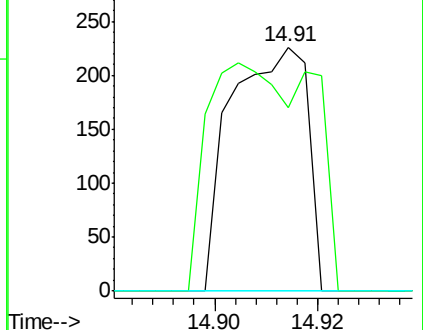
145 0.0 13.8 41.3#

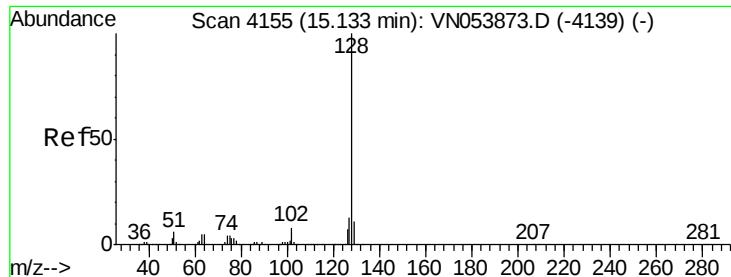


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.900 ug/l

RT: 15.14 min Scan# 4156

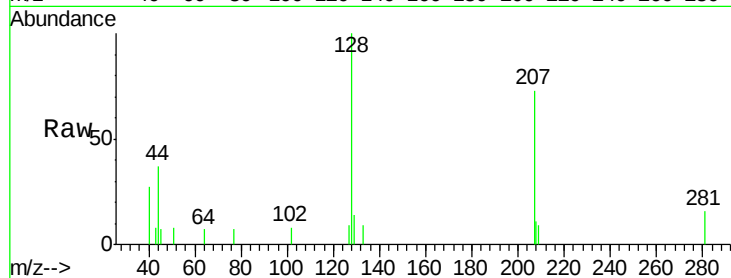
Delta R.T. 0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tot Ion:128 Resp: 4709

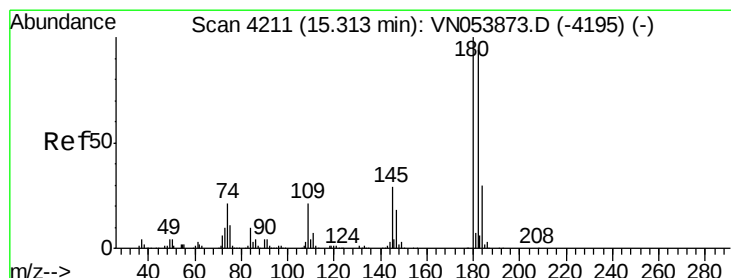
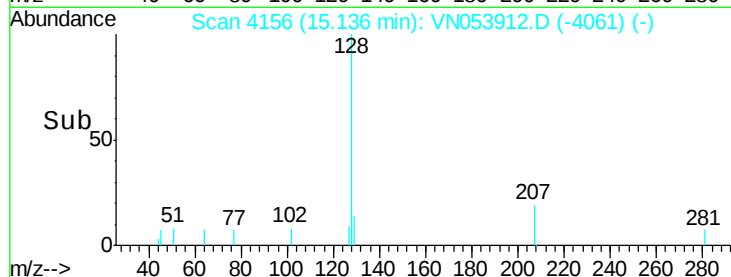
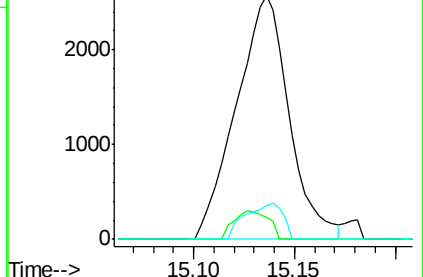
Ion	Ratio	Lower	Upper
128	100		
127	7.8	10.2	15.2#
129	10.6	8.6	12.8



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: 2.597 ug/l

RT: 15.32 min Scan# 4212

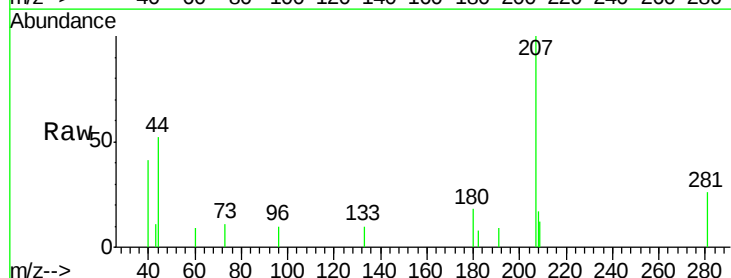
Delta R.T. 0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tgt Ion:180 Resp: 247

Ion	Ratio	Lower	Upper
180	100		
182	42.9	47.3	141.8#
145	0.0	14.4	43.0#



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

