

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053665.D
 Acq On : 7 Feb 2019 19:27
 Operator : JC/SP
 Sample : K1394-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

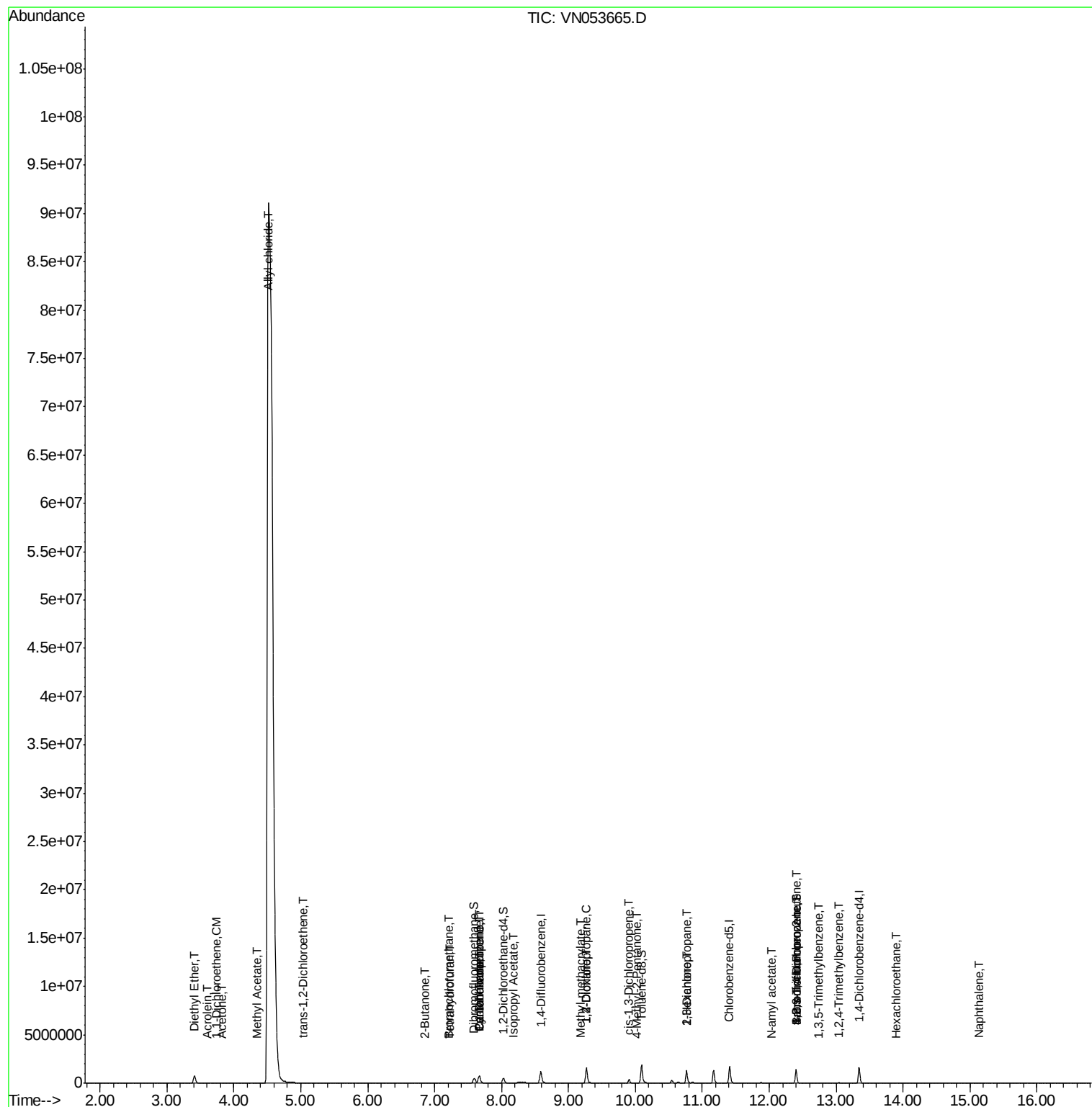
Quant Time: Feb 09 00:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

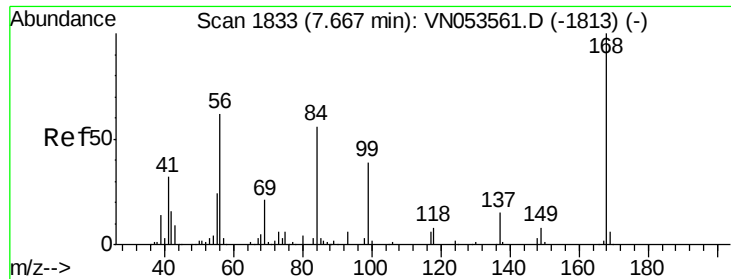
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	781447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1251958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1158538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	490356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398512	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.59	113	398957	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.09	98	1522103	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	508042	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	421208	94.438	ug/l	97
12) 1,1-Dichloroethene	3.74	96	2404	0.332	ug/l	90
13) Acrolein	3.61	56	224	0.887	ug/l #	14
14) Allyl chloride	4.51	41	1174954	101.976	ug/l #	30
16) Acetone	3.82	43	20627	10.258	ug/l	98
18) Methyl Acetate	4.33	43	4561	0.766	ug/l #	51
21) trans-1,2-Dichloroethene	5.05	96	6616	0.847	ug/l	88
25) 2-Butanone	6.84	43	5797	2.021	ug/l	96
28) Bromochloromethane	7.20	49	1509	0.244	ug/l #	1
29) Tetrahydrofuran	7.24	42	1495	0.812	ug/l #	37
31) Cyclohexane	7.66	56	12382	0.767	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46019	4.078	ug/l #	49
38) Carbon Tetrachloride	7.66	117	63676	5.601	ug/l #	16
43) Isopropyl Acetate	8.17	43	45680	3.753	ug/l #	75
45) 1,2-Dichloropropane	9.27	63	2273	0.255	ug/l #	43
48) Methyl methacrylate	9.18	41	14900	2.564	ug/l #	25
49) 1,4-Dioxane	9.27	88	183	41.187	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	8710	1.456	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	76502	5.779	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	14614	1.149	ug/l #	43
59) 2-Hexanone	10.76	43	194671	47.940	ug/l #	51
71) Bromoform	12.40	173	3575	0.607	ug/l #	1
74) N-ethyl acetate	12.03	43	2868	0.346	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	236681	37.578	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10161	0.355	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	236681	105.668	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	31895	1.095	ug/l	99
90) Hexachloroethane	13.89	117	1176	0.237	ug/l #	3
95) Naphthalene	15.13	128	24707	2.843	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053665.D

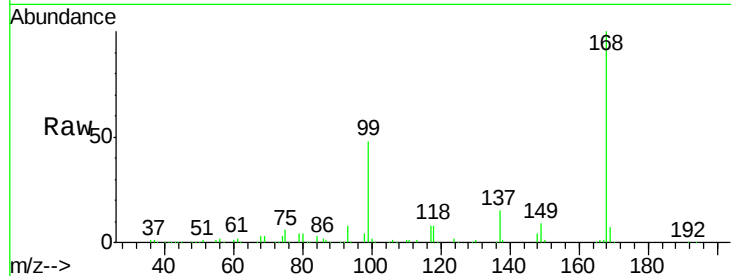
Acq: 7 Feb 2019 19:27

Tot Ion:168 Resp: 781447

Ion Ratio Lower Upper

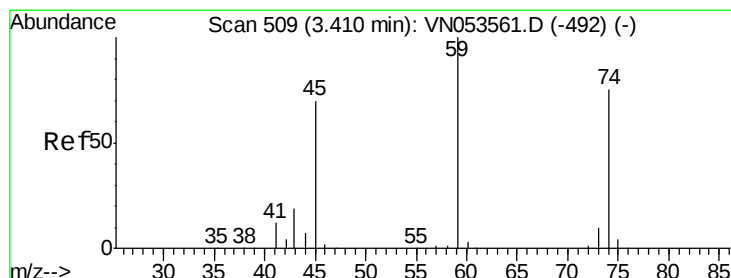
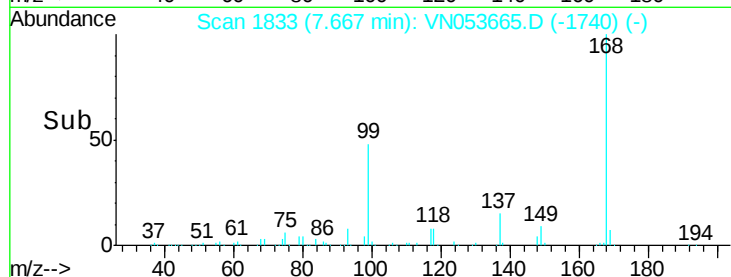
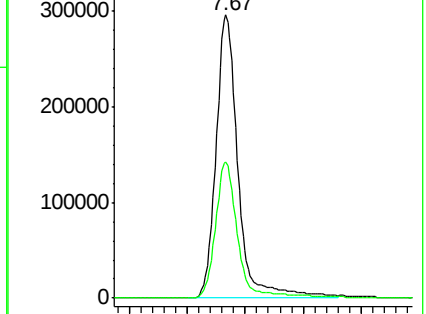
168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 94.438 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053665.D

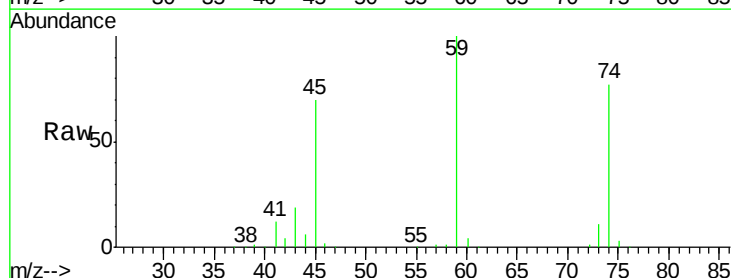
Acq: 7 Feb 2019 19:27

Tgt Ion: 74 Resp: 421208

Ion Ratio Lower Upper

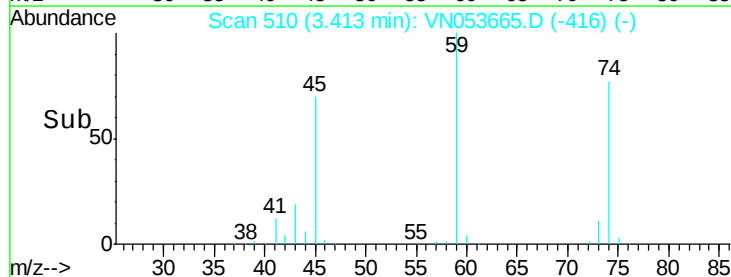
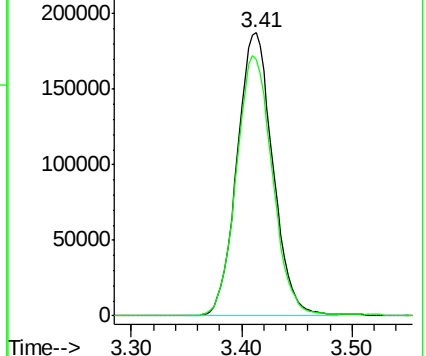
74 100

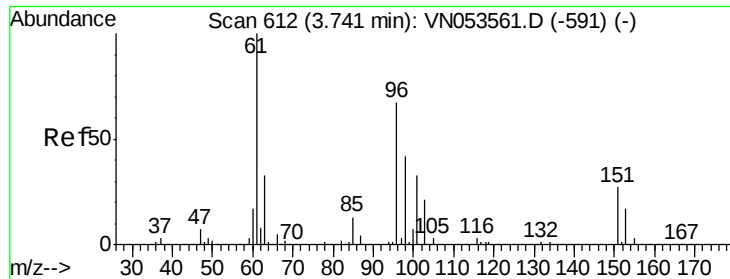
45 92.6 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#12

1,1-Dichloroethene

Concen: 0.332 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

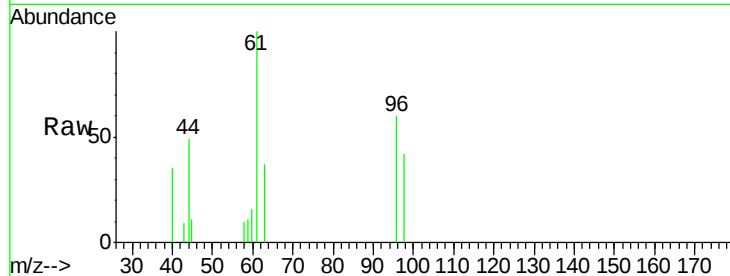
Tot Ion: 96 Resp: 2404

Ion Ratio Lower Upper

96 100

61 166.5 122.9 184.3

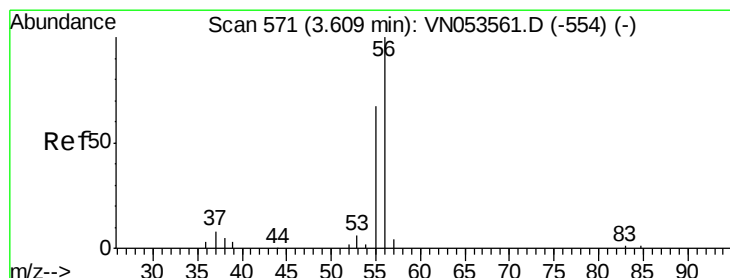
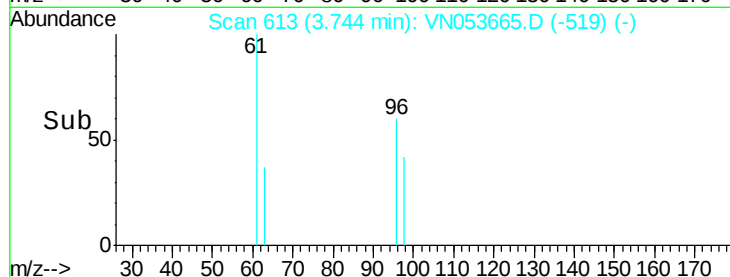
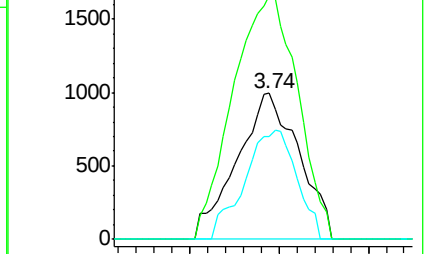
98 69.9 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN053665.D (-519) (-)

Ion 60.90 (60.60 to 61.60): VN053665.D (-519) (-)

Ion 97.90 (97.60 to 98.60): VN053665.D (-519) (-)



#13

Acrolein

Concen: 0.887 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053665.D

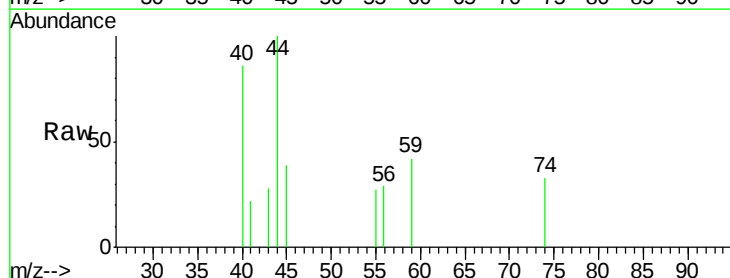
Acq: 7 Feb 2019 19:27

Tgt Ion: 56 Resp: 224

Ion Ratio Lower Upper

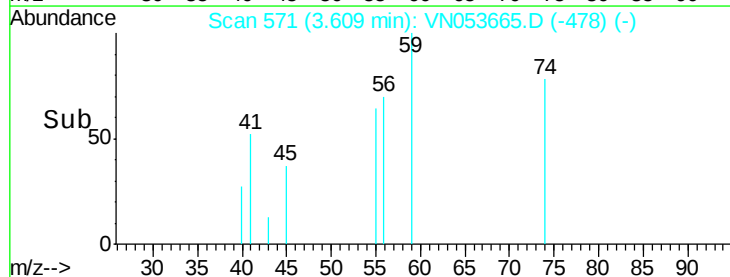
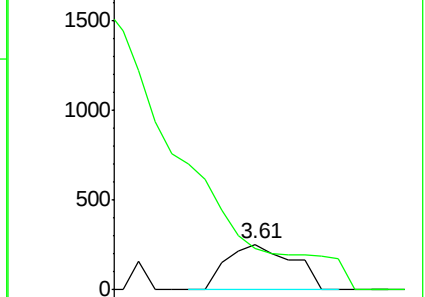
56 100

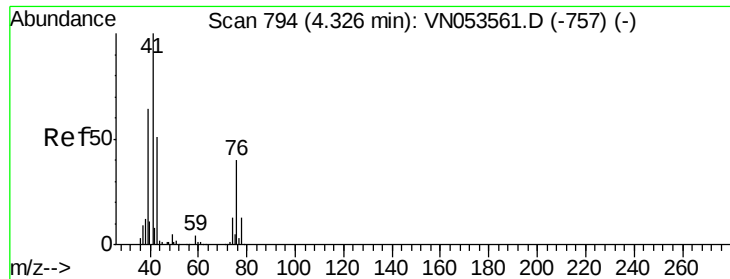
55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053665.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN053665.D (-478) (-)





#14

Allvl chloride

Concen: 101.976 ug/l

RT: 4.51 min Scan# 850

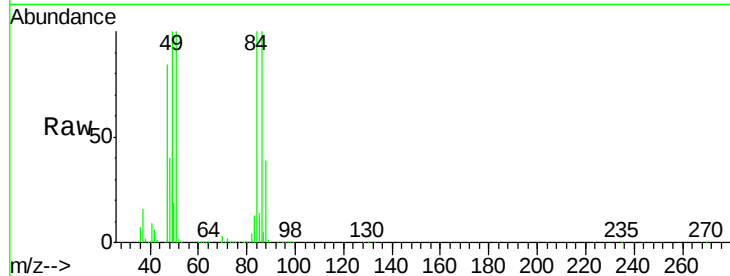
Delta R.T. 0.18 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

Tot Ion: 41 Resp: 1174954

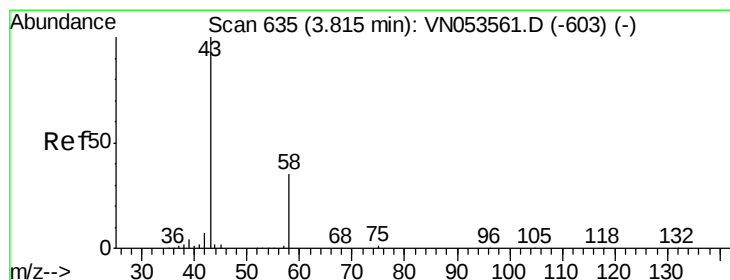
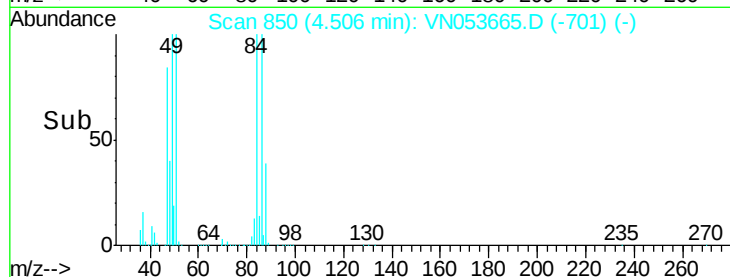
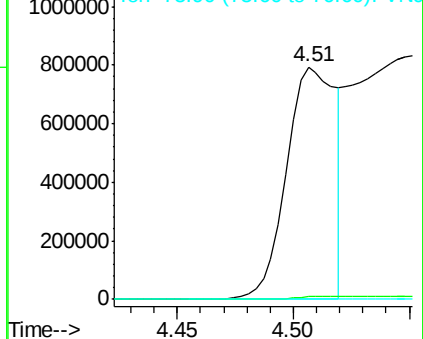
Ion	Ratio	Lower	Upper
41	100		
39	4.1	48.9	73.3#
76	0.0	29.4	44.2#



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: 10.258 ug/l

RT: 3.82 min Scan# 636

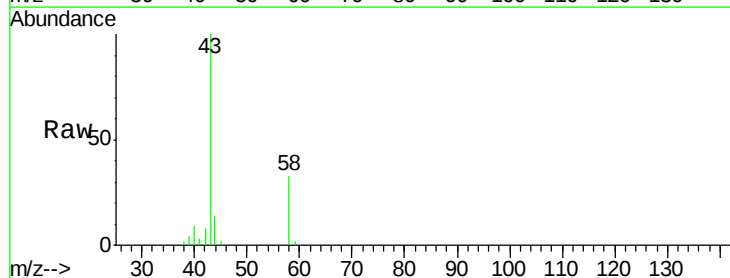
Delta R.T. 0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

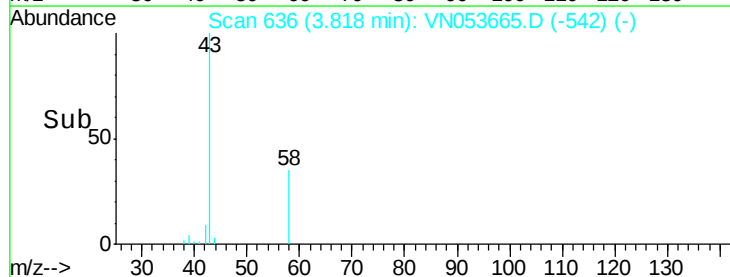
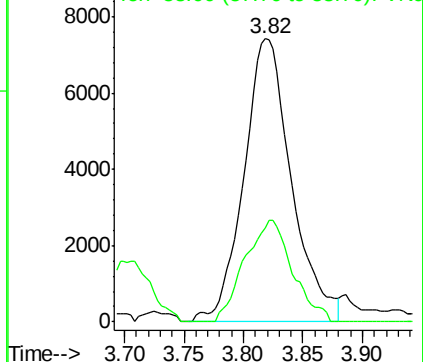
Tgt Ion: 43 Resp: 20627

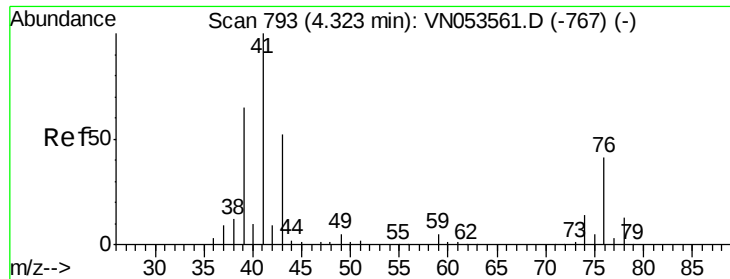
Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.1	40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

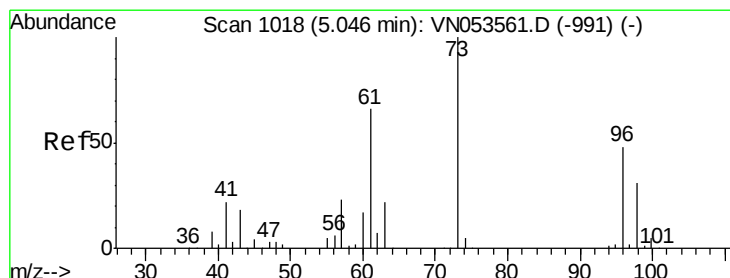
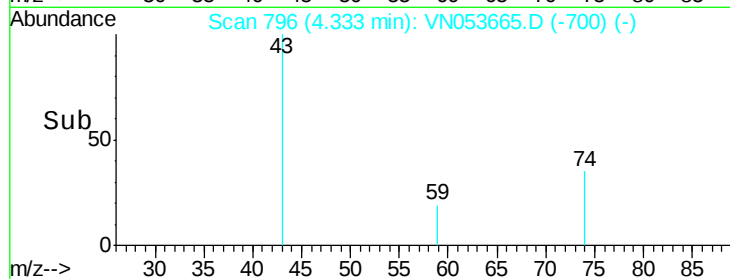
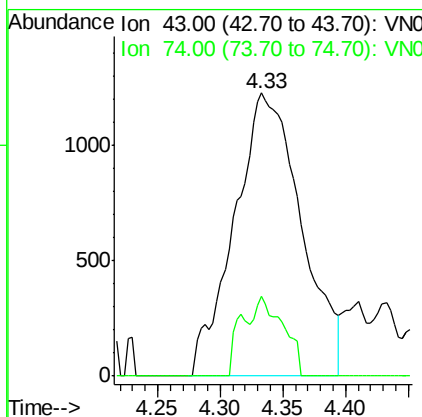
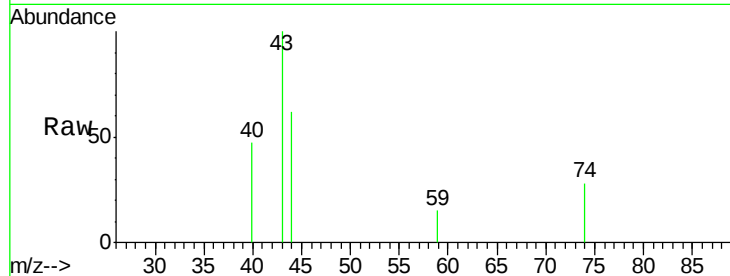
Ion 58.00 (57.70 to 58.70): VN0





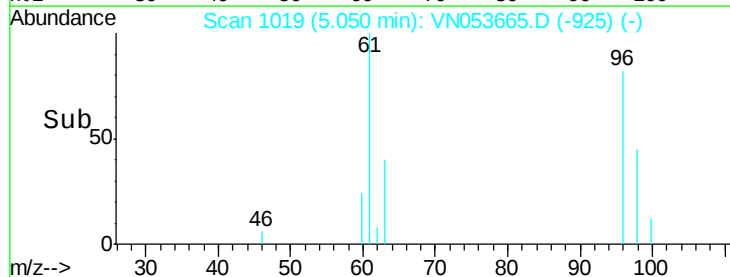
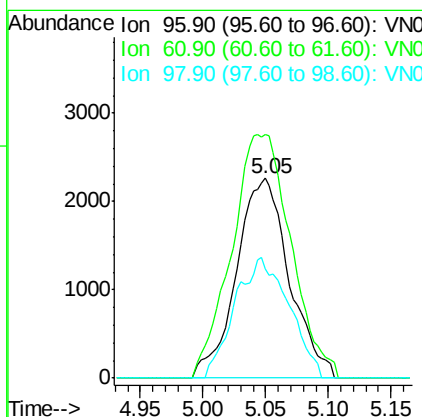
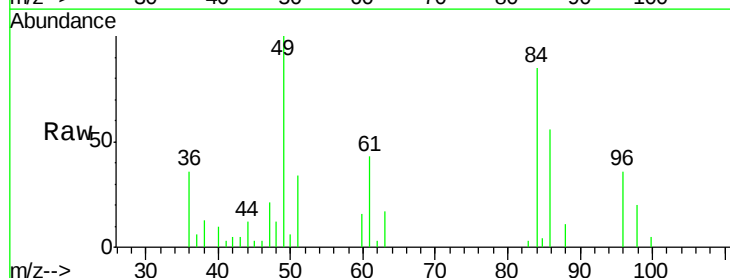
#18
Methvl Acetate
Concen: 0.766 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

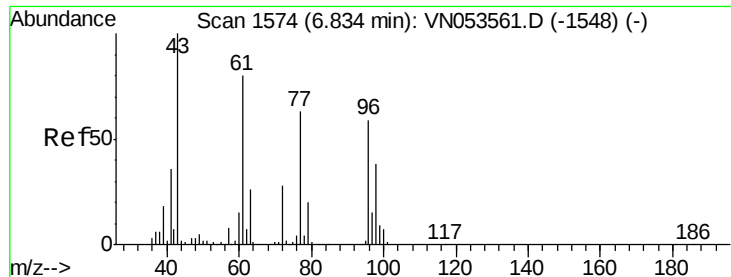
Tot Ion: 43 Resp: 4561
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#21
trans-1,2-Dichloroethene
Concen: 0.847 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

Tgt Ion: 96 Resp: 6616
Ion Ratio Lower Upper
96 100
61 121.9 110.1 165.1
98 55.0 50.0 75.0





#25

2-Butanone

Concen: 2.021 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053665.D

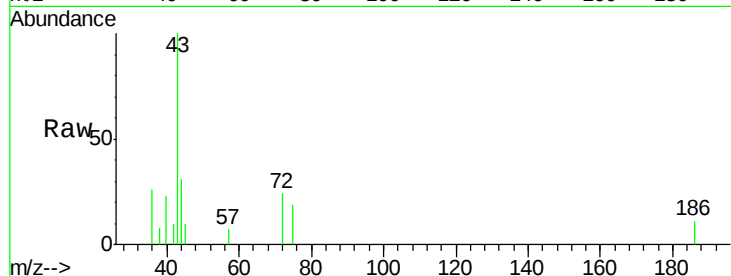
Acq: 7 Feb 2019 19:27

Tot Ion: 43 Resp: 5797

Ion Ratio Lower Upper

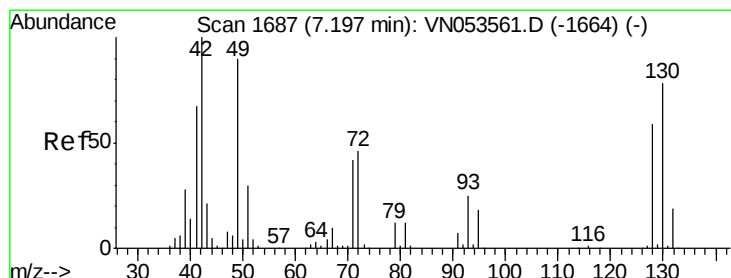
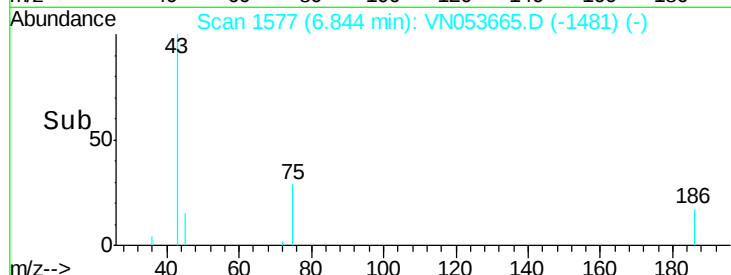
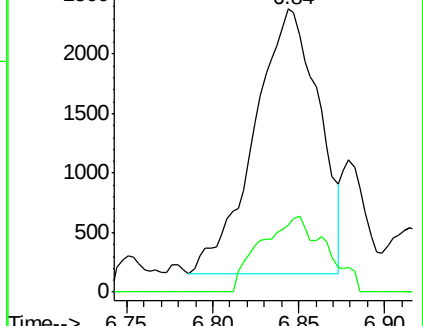
43 100

72 25.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#28

Bromochloromethane

Concen: 0.244 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

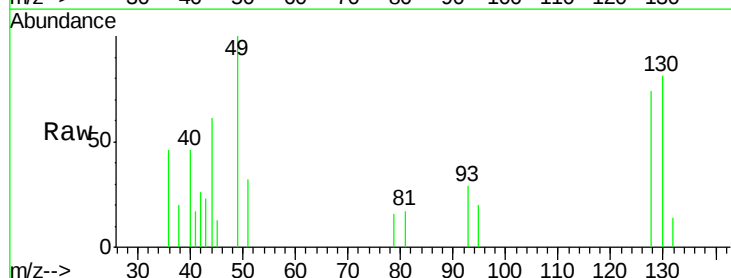
Tgt Ion: 49 Resp: 1509

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

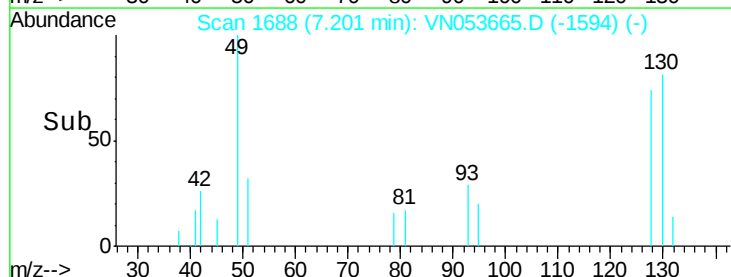
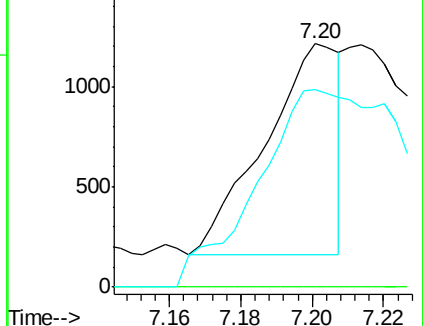
130 194.0 66.3 99.5#

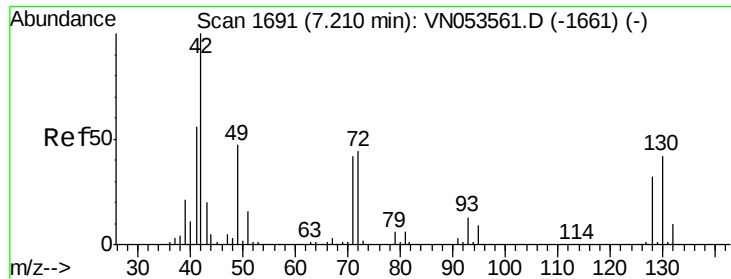


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.812 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.03 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

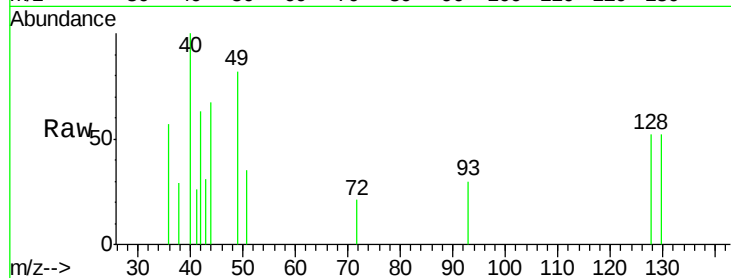
Tot Ion: 42 Resp: 1495

Ion Ratio Lower Upper

42 100

72 4.7 35.2 52.8#

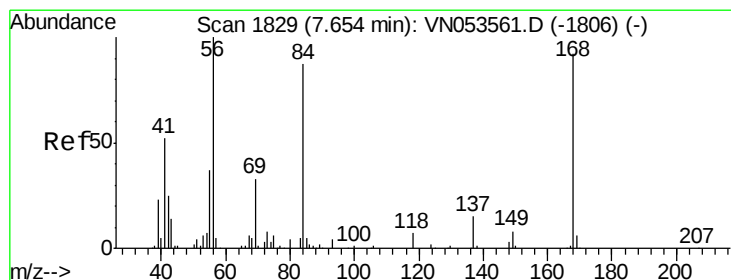
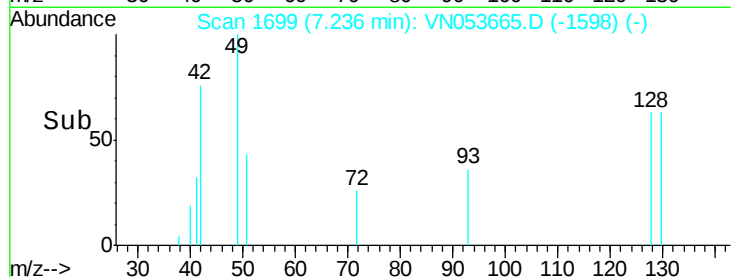
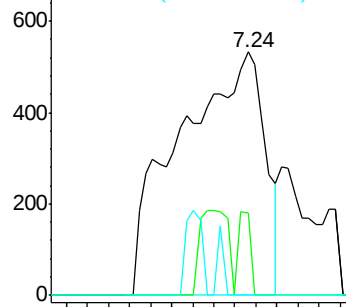
71 0.0 33.0 49.4#



Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC



#31

Cyclohexane

Concen: 0.767 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

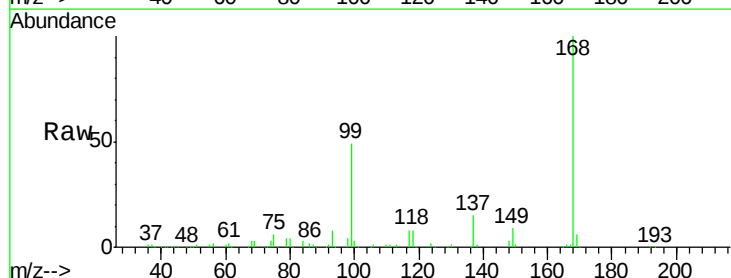
Tgt Ion: 56 Resp: 12382

Ion Ratio Lower Upper

56 100

69 186.4 26.4 39.6#

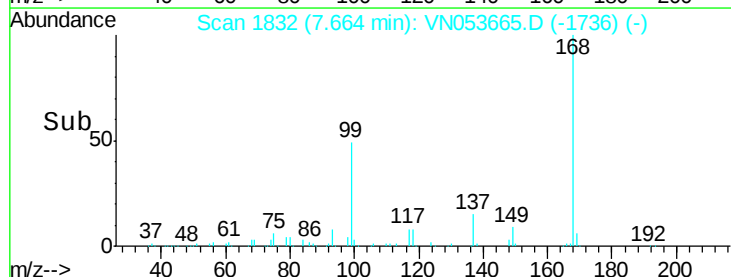
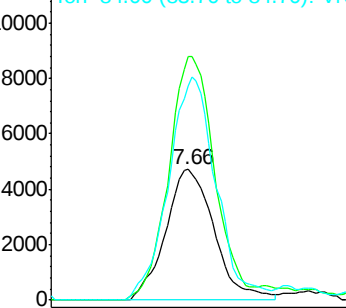
84 163.8 67.9 101.9#

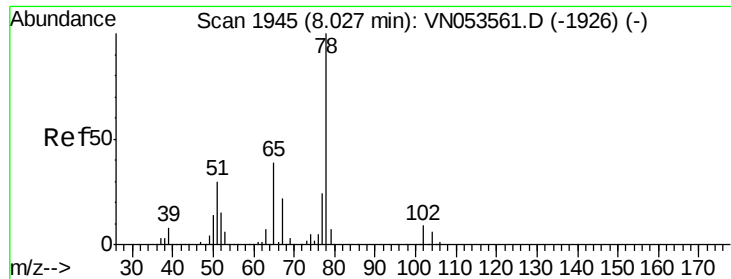


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

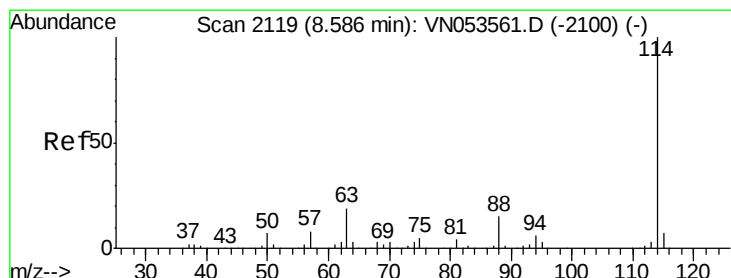
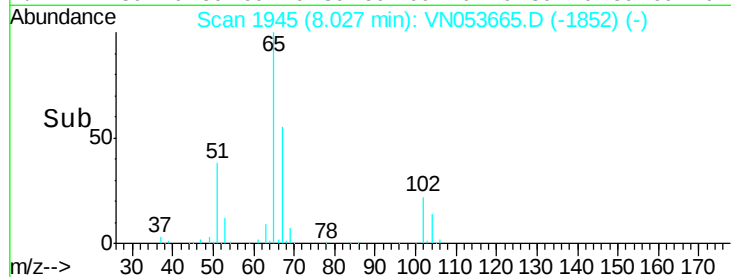
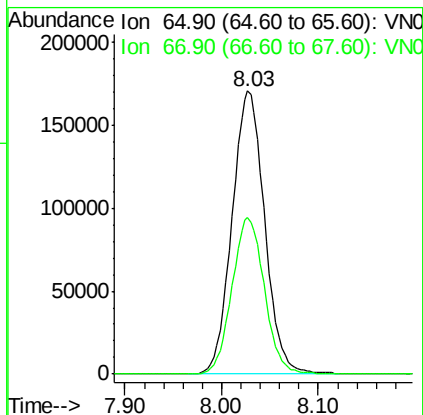
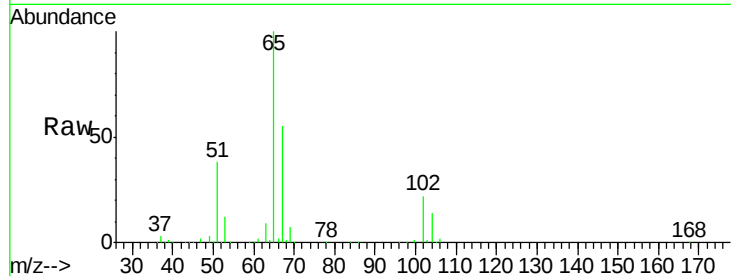
Ion 84.00 (83.70 to 84.70): VNC





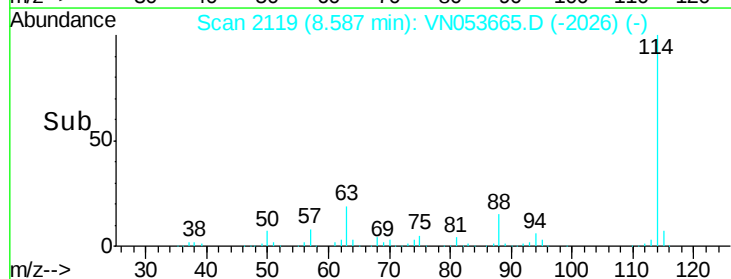
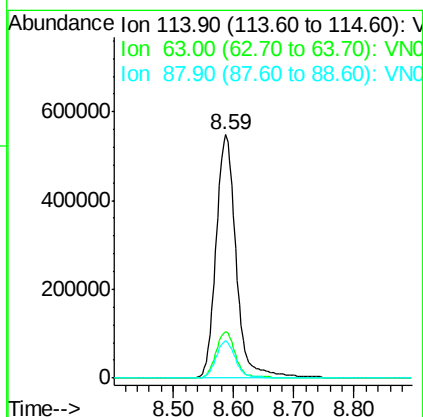
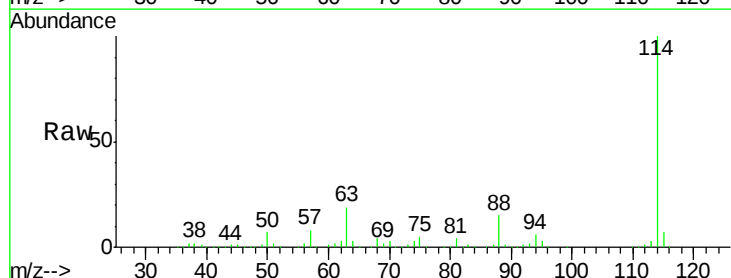
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053665.D
 Acq: 7 Feb 2019 19:27

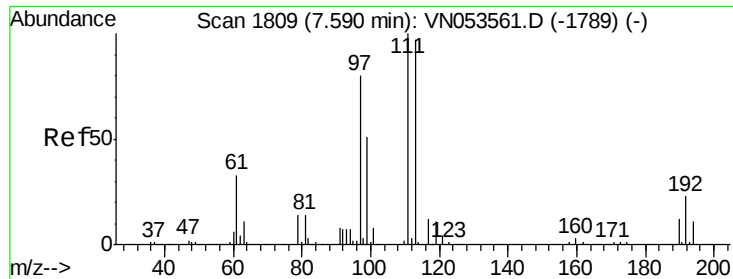
Tot Ion: 65 Resp: 398512
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053665.D
 Acq: 7 Feb 2019 19:27

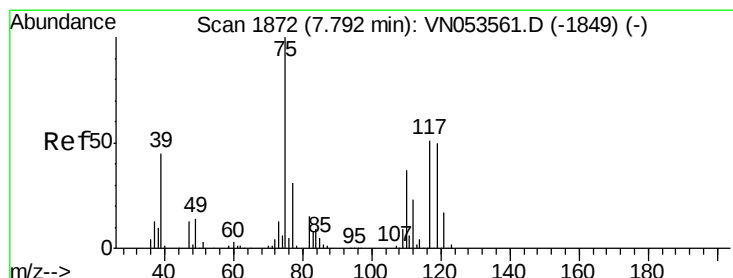
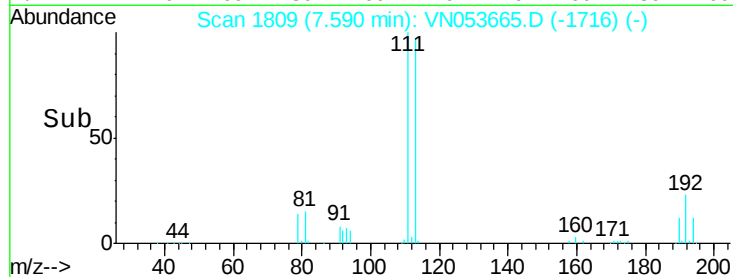
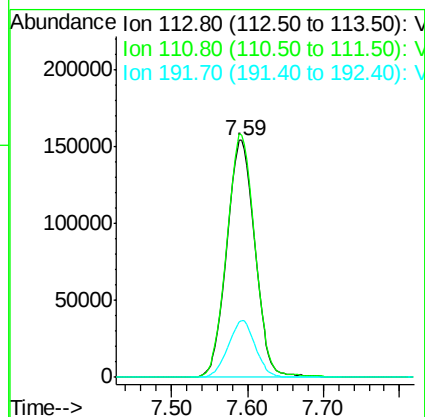
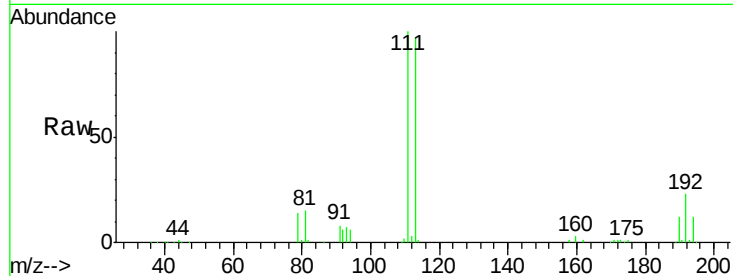
Tgt Ion: 114 Resp: 1251958
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.2 0.0 30.4





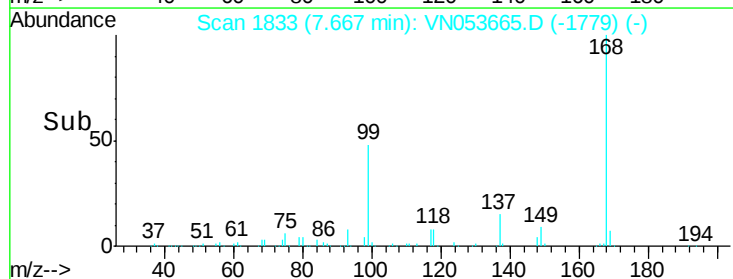
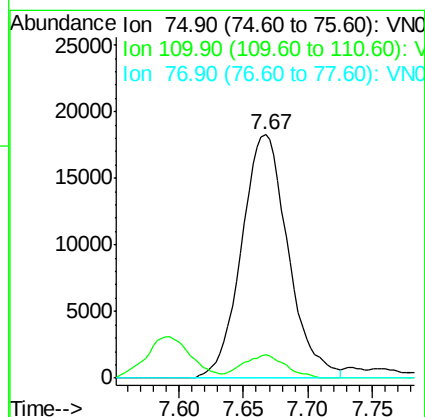
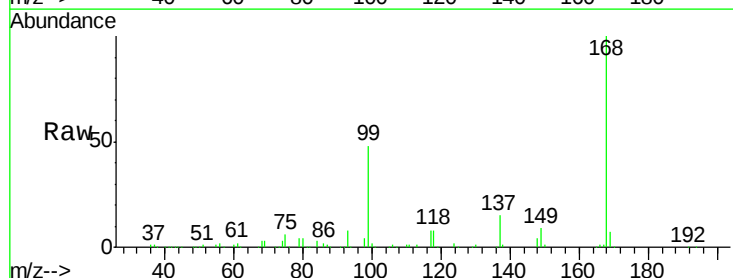
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053665.D
 Acq: 7 Feb 2019 19:27

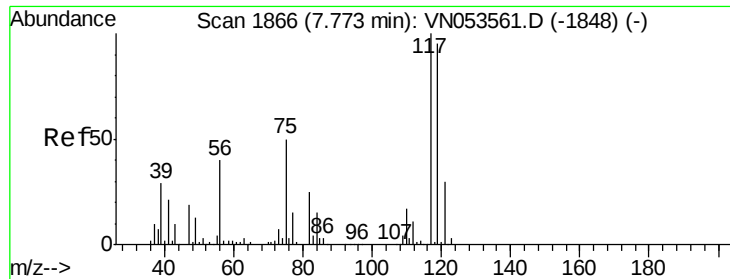
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.1	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 4.078 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053665.D
 Acq: 7 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.601 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

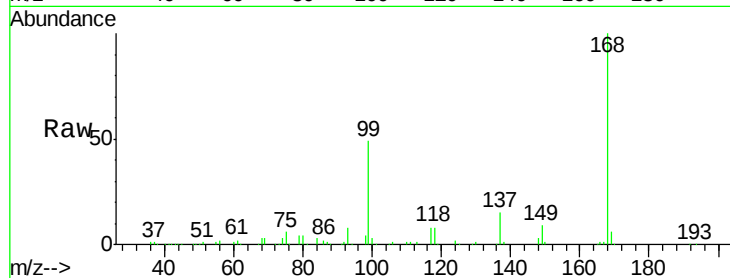
Tot Ion:117 Resp: 63676

Ion Ratio Lower Upper

117 100

119 5.9 77.2 115.8#

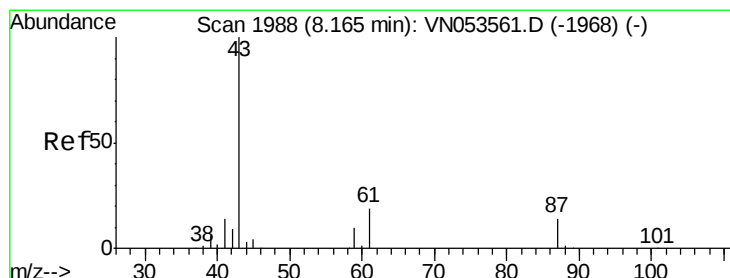
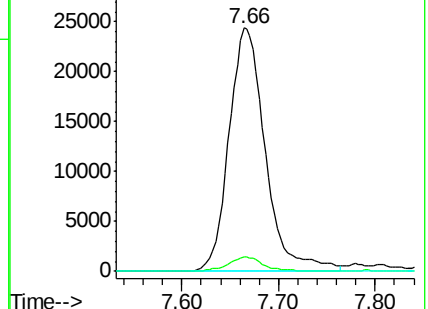
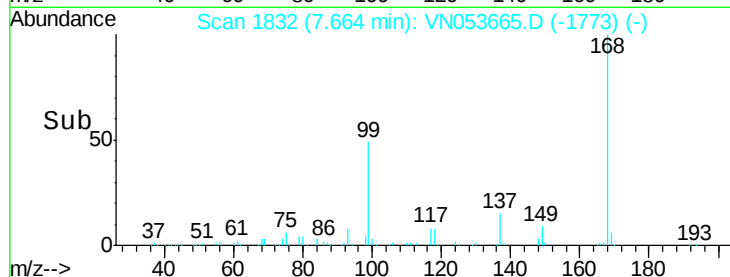
121 0.0 24.6 37.0#



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: 3.753 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

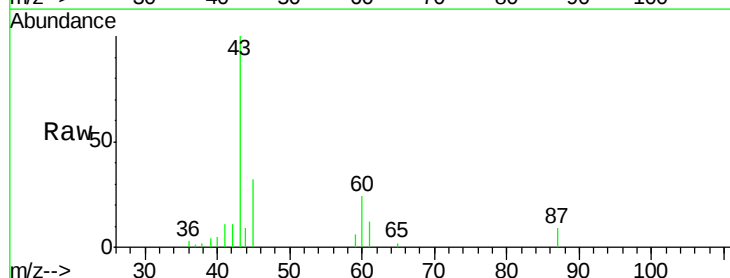
Tgt Ion: 43 Resp: 45680

Ion Ratio Lower Upper

43 100

61 13.2 23.9 35.9#

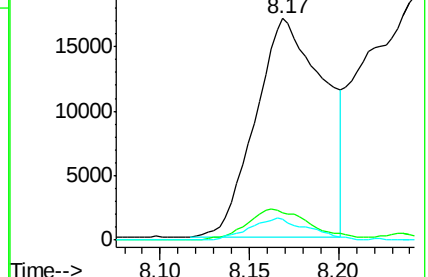
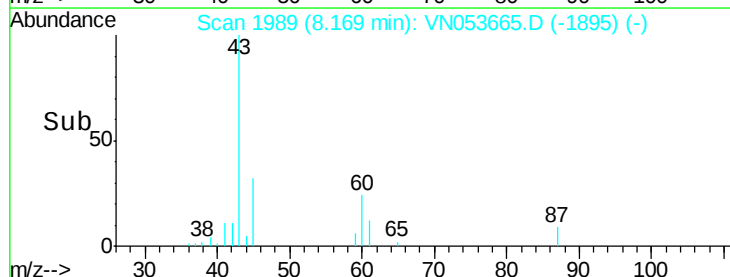
87 8.5 11.0 16.6#

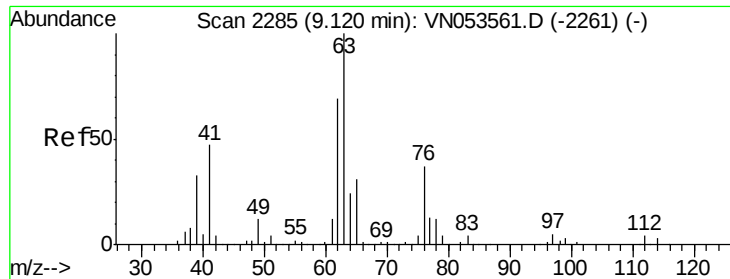


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.255 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN053665.D

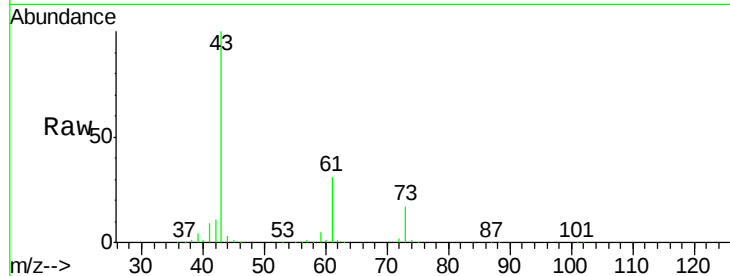
Acq: 7 Feb 2019 19:27

Tot Ion: 63 Resp: 2273

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC

9.27

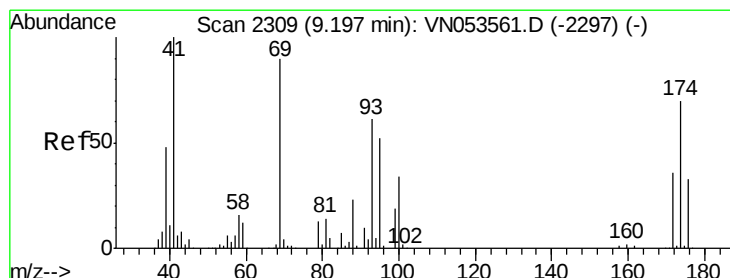
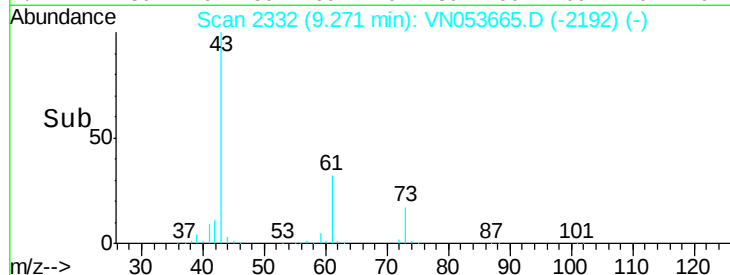
1500

1000

500

0

Time-->



#48

Methyl methacrylate

Concen: 2.564 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

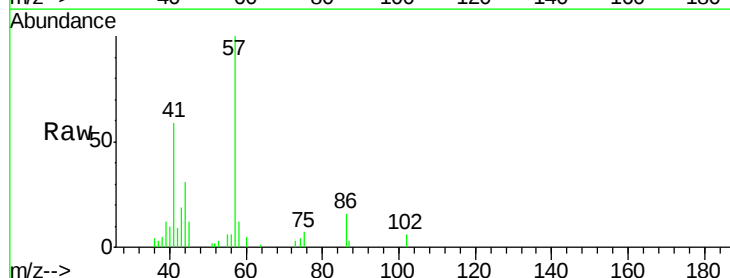
Tgt Ion: 41 Resp: 14900

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

39 24.9 40.0 60.0#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

100000

80000

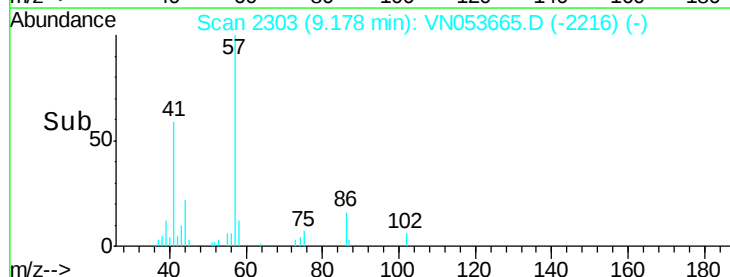
60000

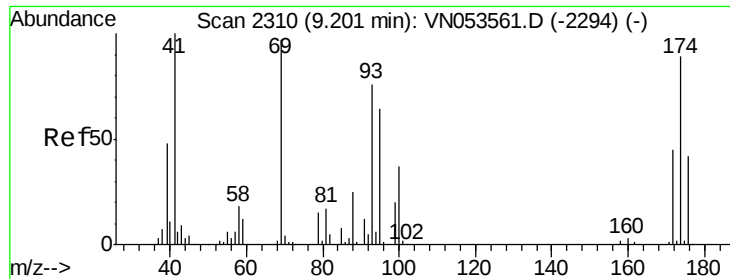
40000

20000

0

Time-->





#49

1,4-Dioxane

Concen: 41.187 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

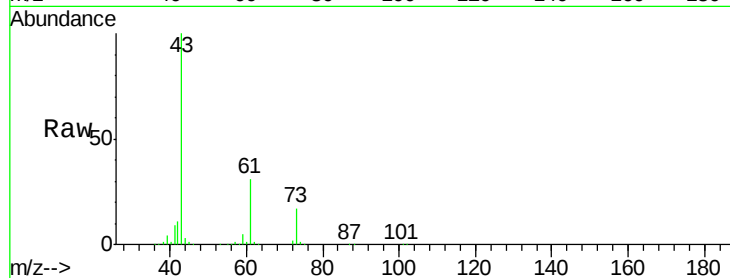
Tot Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

43 911417.5 27.8 41.6#

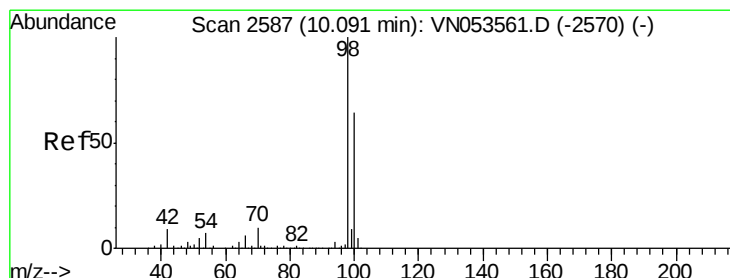
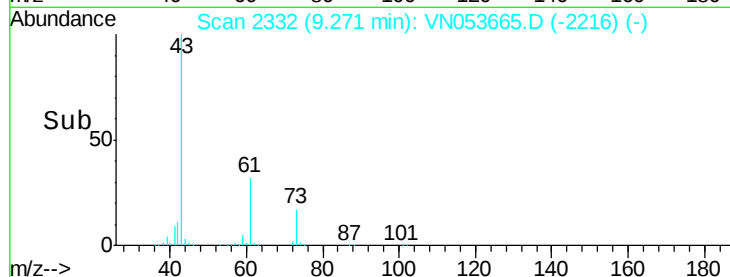
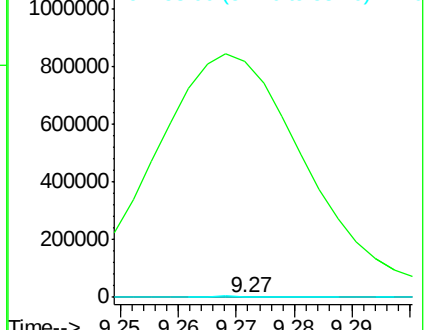
58 4329.5 56.5 84.7#



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: 41.187 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053665.D

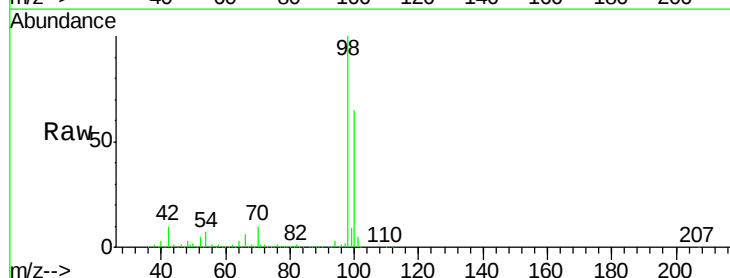
Acq: 7 Feb 2019 19:27

Tgt Ion: 98 Resp: 1522103

Ion Ratio Lower Upper

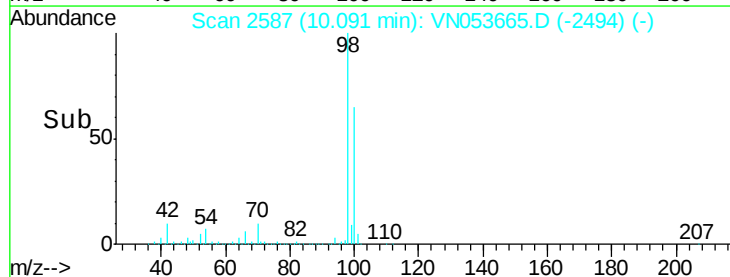
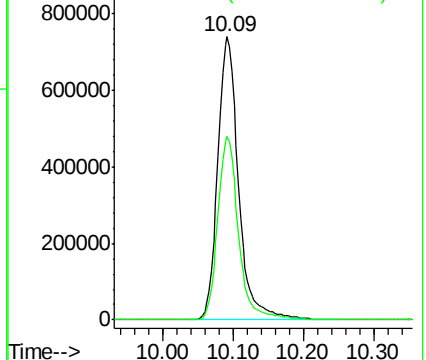
98 100

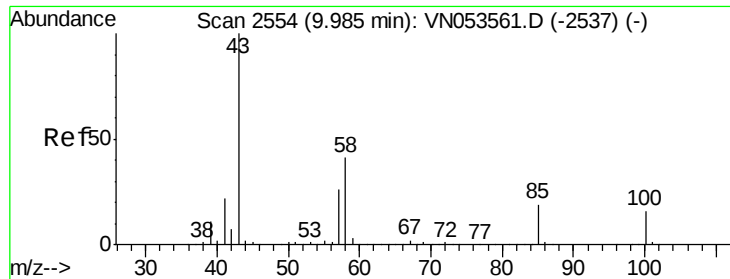
100 64.8 51.4 77.0



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: 1.456 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053665.D

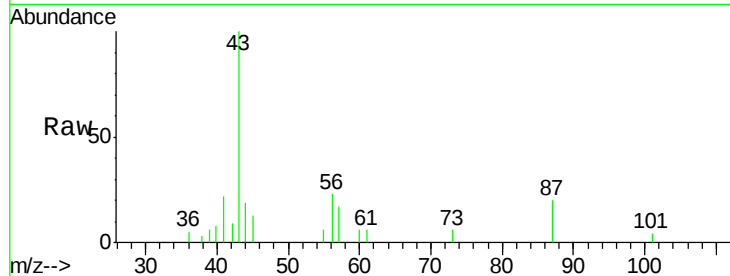
Acq: 7 Feb 2019 19:27

Tot Ion: 43 Resp: 8710

Ion Ratio Lower Upper

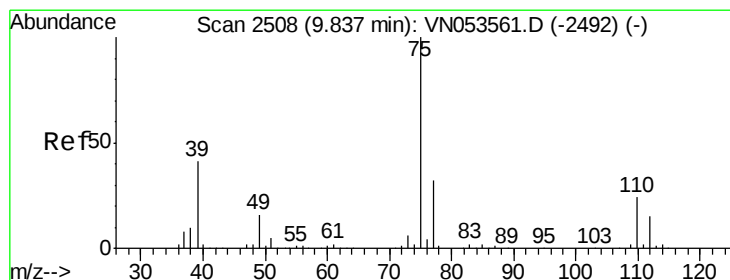
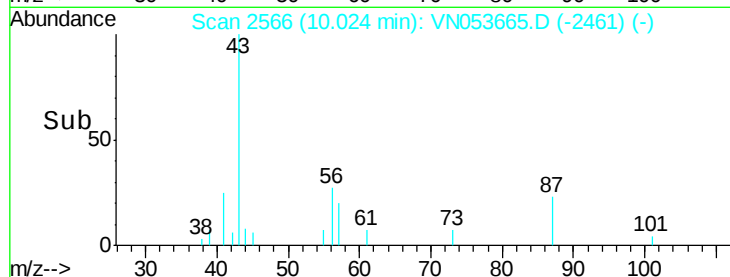
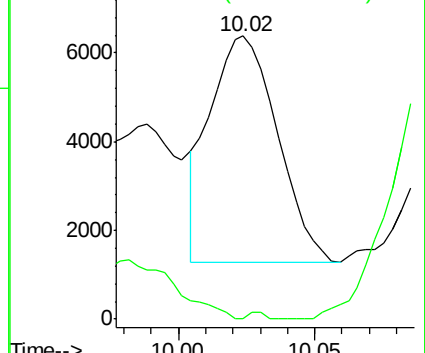
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.779 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

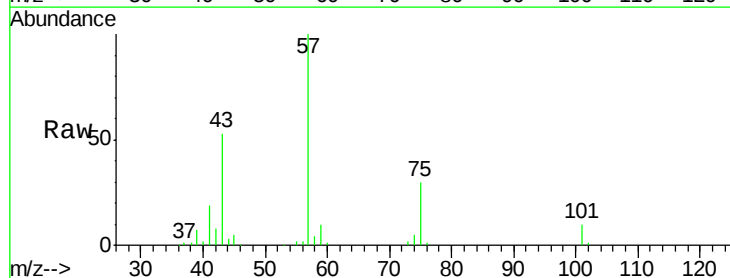
Tgt Ion: 75 Resp: 76502

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

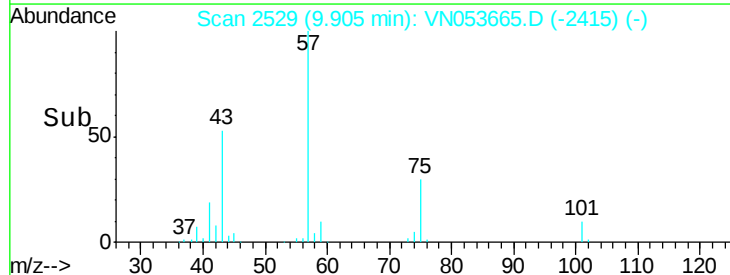
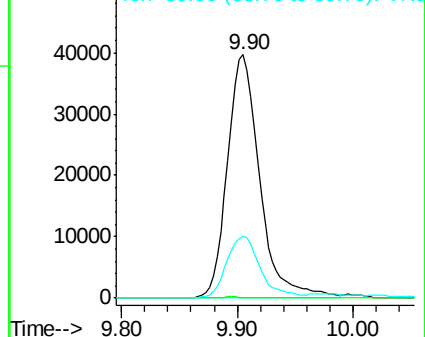
39 25.4 33.4 50.0#

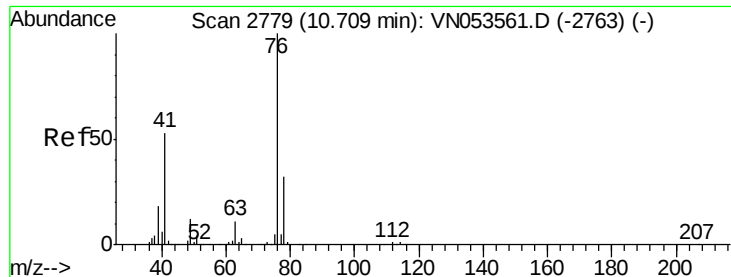


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.149 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053665.D

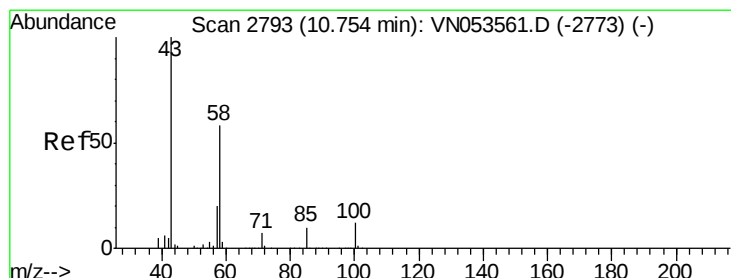
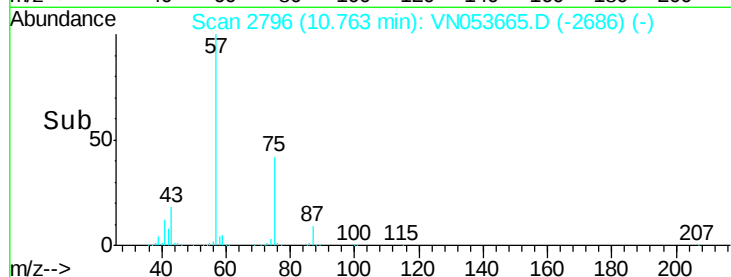
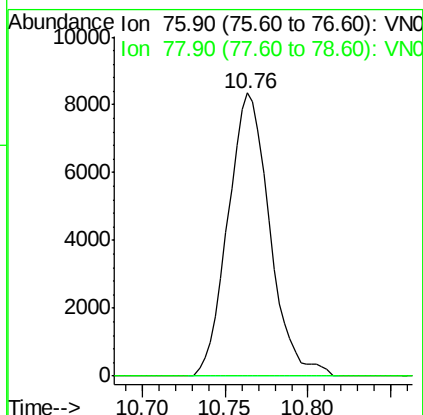
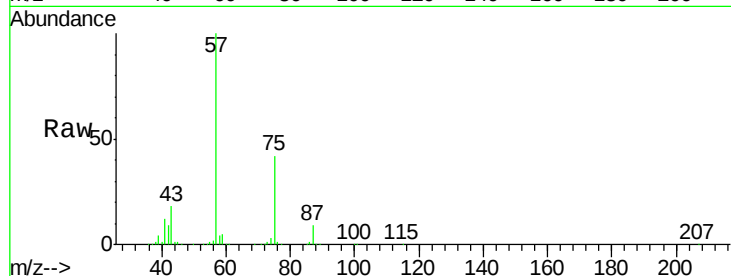
Acq: 7 Feb 2019 19:27

Tot Ion: 76 Resp: 14614

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 47.940 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053665.D

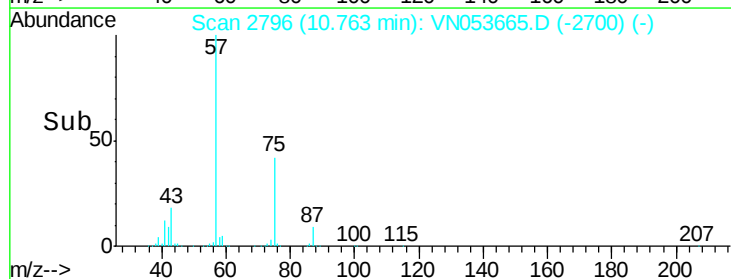
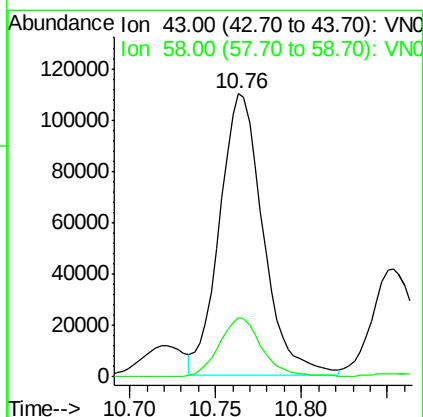
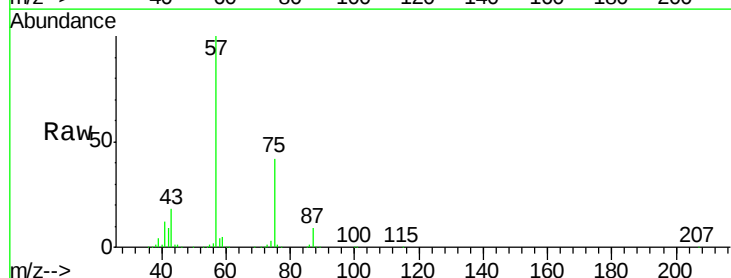
Acq: 7 Feb 2019 19:27

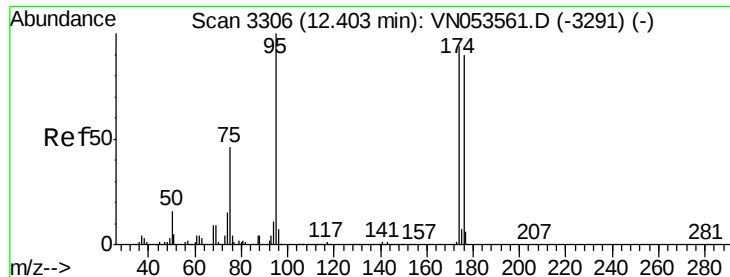
Tgt Ion: 43 Resp: 194671

Ion Ratio Lower Upper

43 100

58 20.7 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

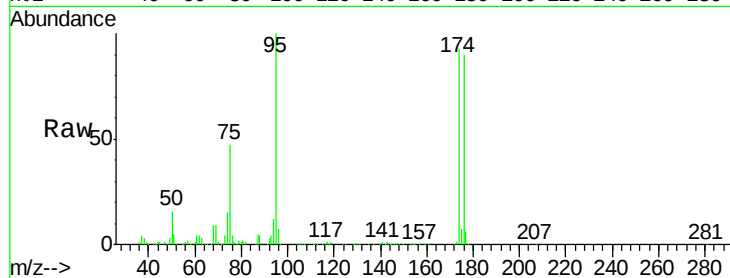
Tot Ion: 95 Resp: 508042

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.2

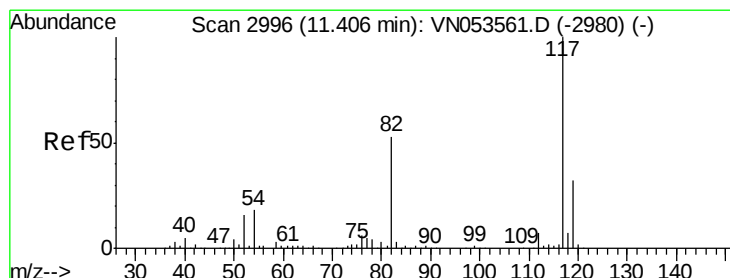
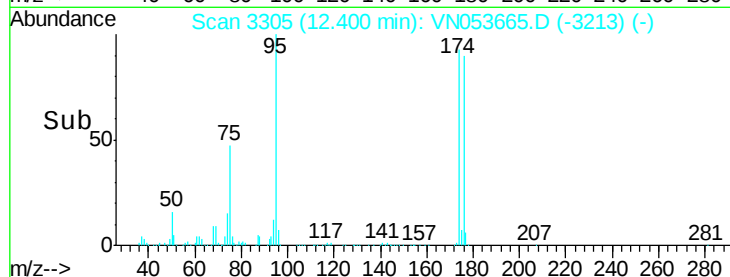
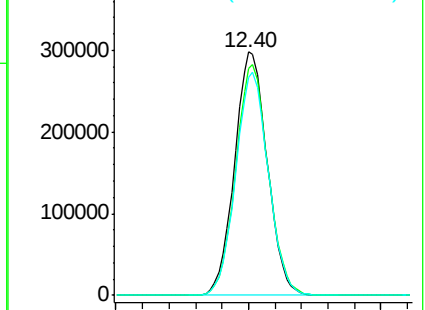
176 91.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

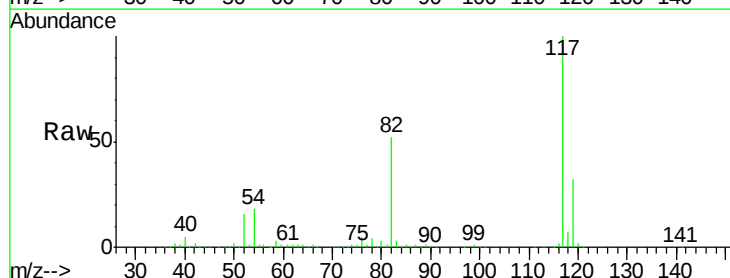
Tgt Ion: 117 Resp: 1158538

Ion Ratio Lower Upper

117 100

82 52.5 42.9 64.3

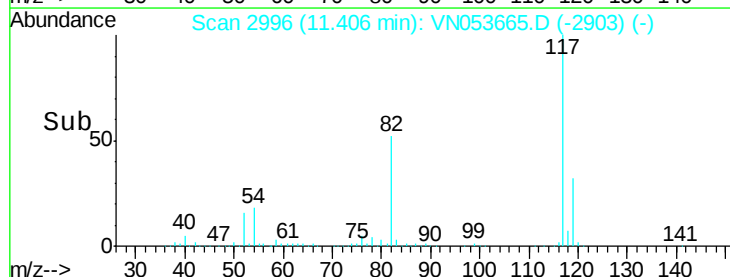
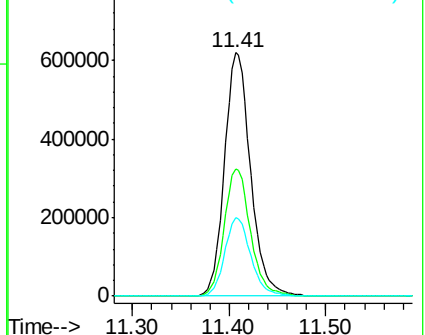
119 32.0 26.0 39.0

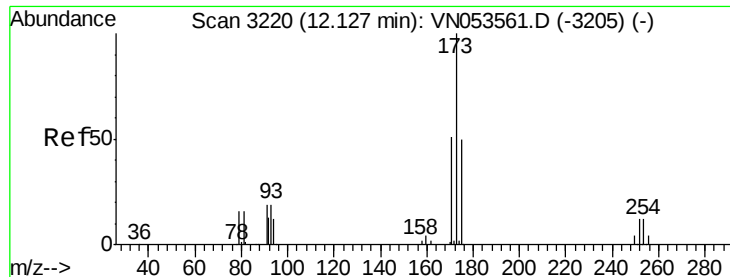


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#71

Bromoform

Concen: 0.607 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

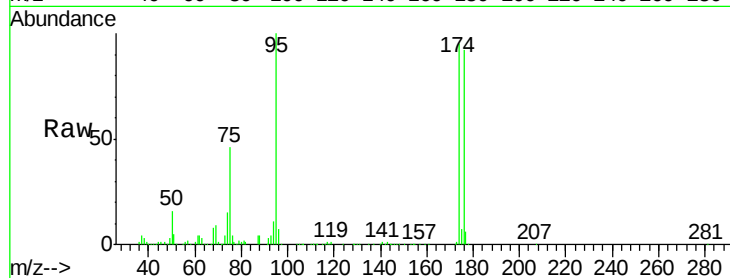
Tot Ion:173 Resp: 3575

Ion Ratio Lower Upper

173 100

175 832.8 24.6 74.0#

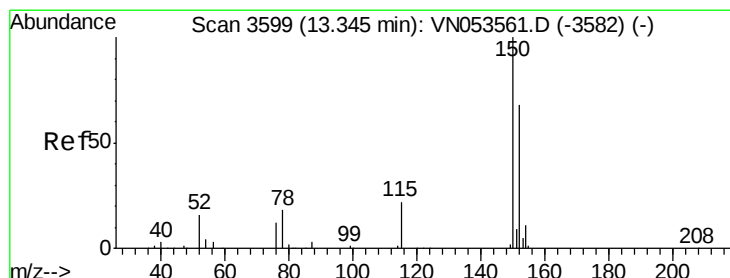
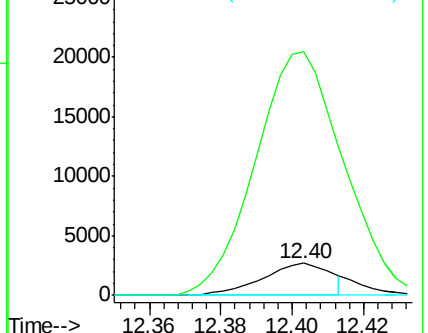
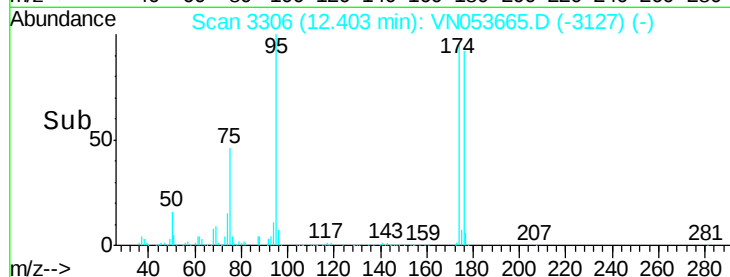
254 0.0 0.2 0.2#



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: VN053665.D

Acq: 7 Feb 2019 19:27

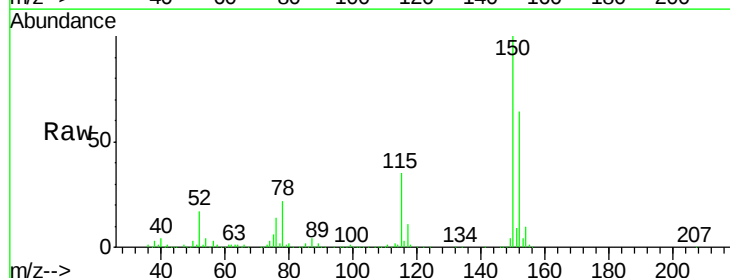
Tgt Ion:152 Resp: 490356

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

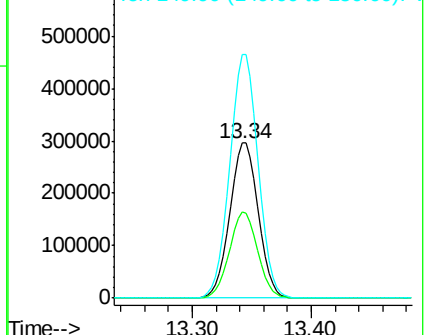
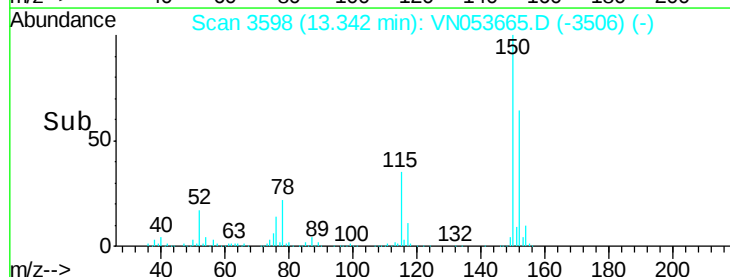
150 156.3 0.0 349.0

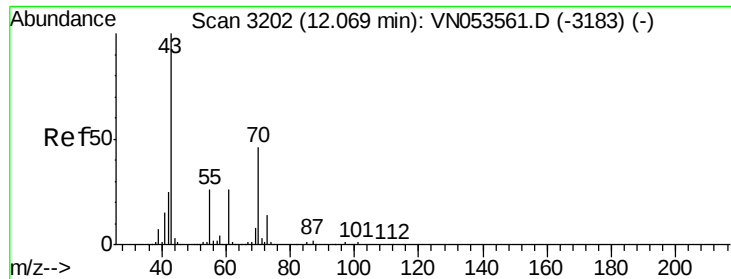


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.346 ug/l

RT: 12.03 min Scan# 3190

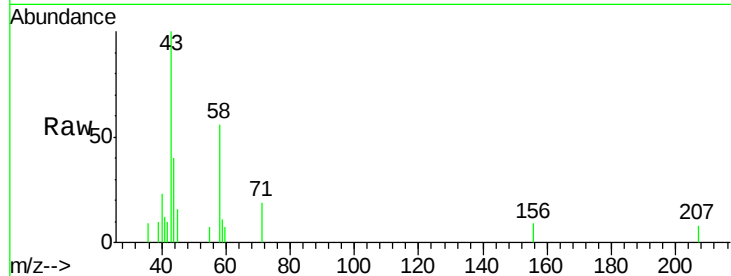
Delta R.T. -0.04 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

Tot Ion: 43 Resp: 2868

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.4	53.2#
55	5.8	20.9	31.3#
61	0.0	20.5	30.7#

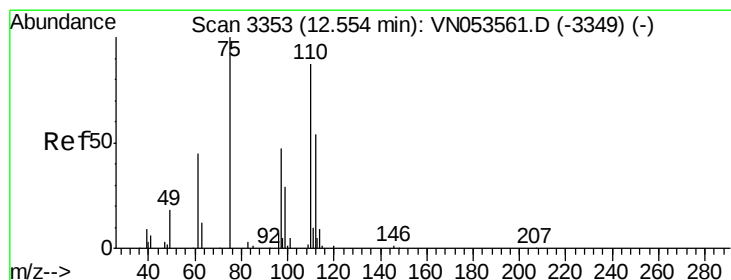
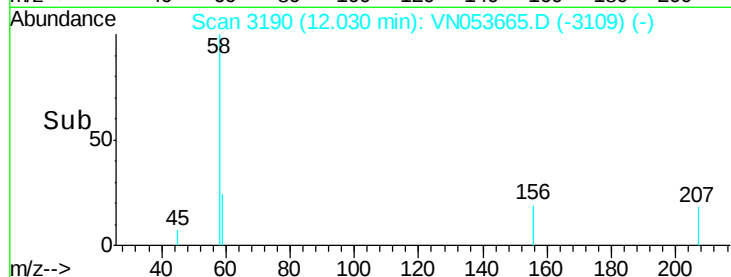
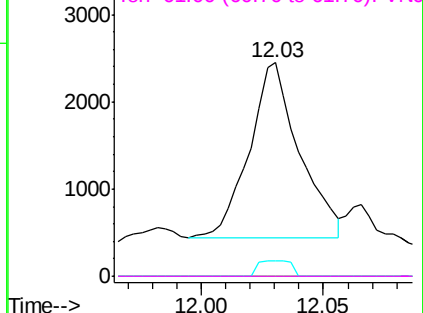


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 37.578 ug/l

RT: 12.40 min Scan# 3305

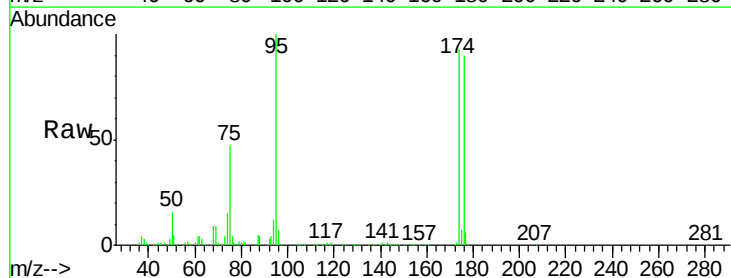
Delta R.T. -0.15 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

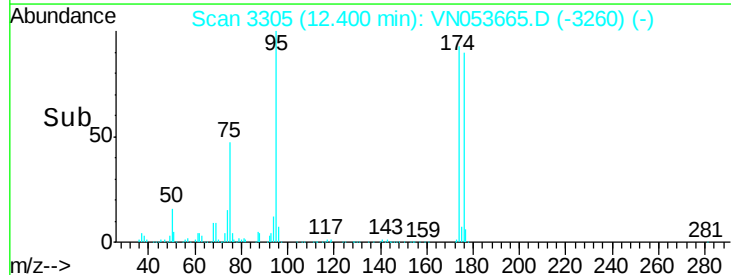
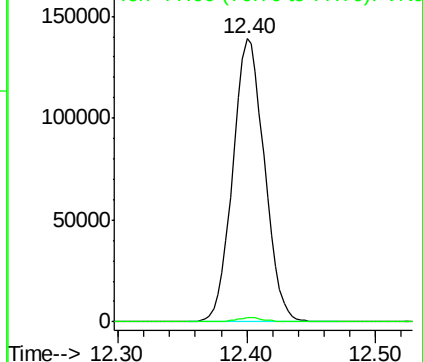
Tgt Ion: 75 Resp: 236681

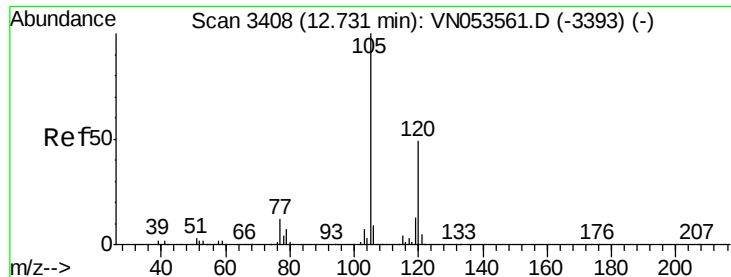
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



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: 0.355 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053665.D

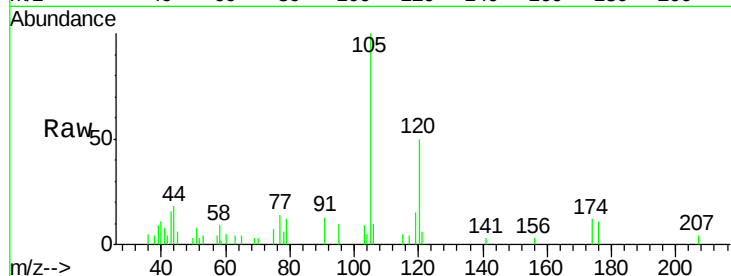
Acq: 7 Feb 2019 19:27

Tot Ion:105 Resp: 10161

Ion Ratio Lower Upper

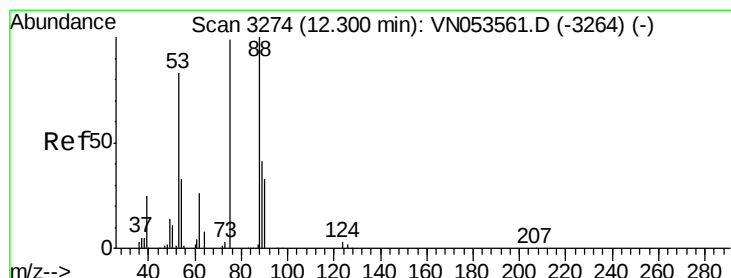
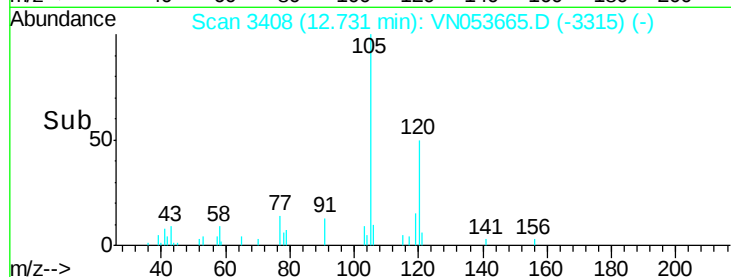
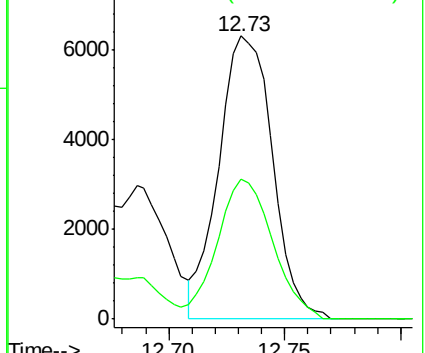
105 100

120 51.2 24.9 74.6



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: 105.668 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

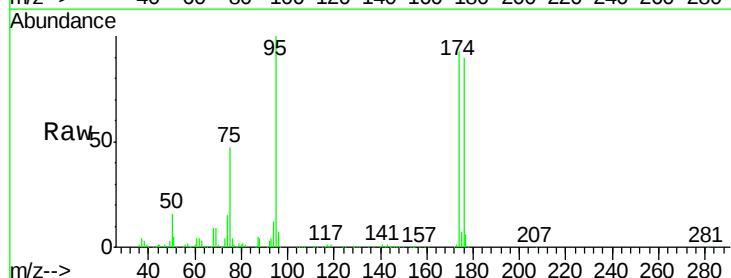
Tgt Ion: 75 Resp: 236681

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

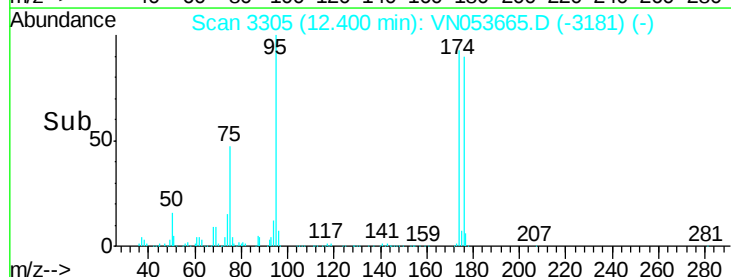
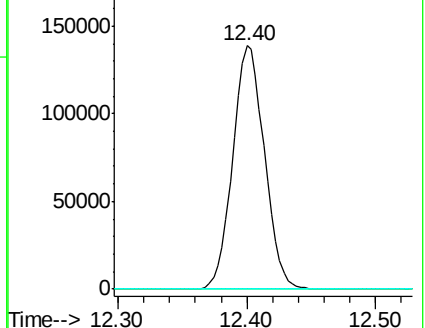
89 0.0 35.6 53.4#

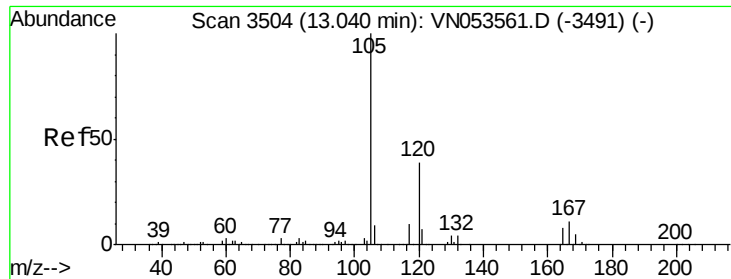


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 1.095 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053665.D

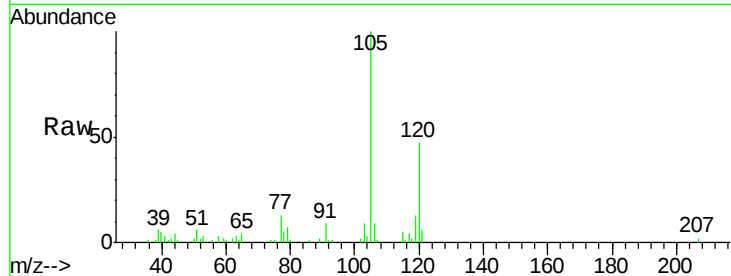
Acq: 7 Feb 2019 19:27

Tot Ion:105 Resp: 31895

Ion Ratio Lower Upper

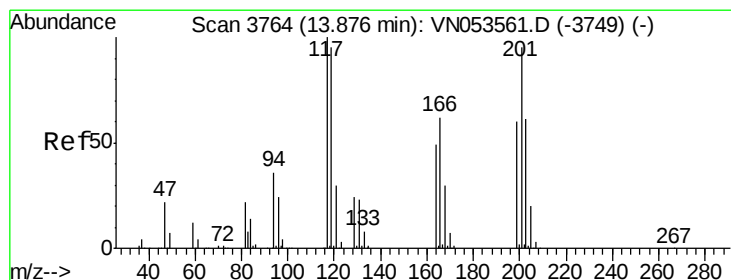
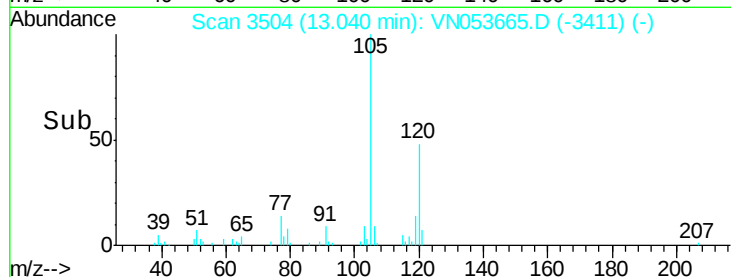
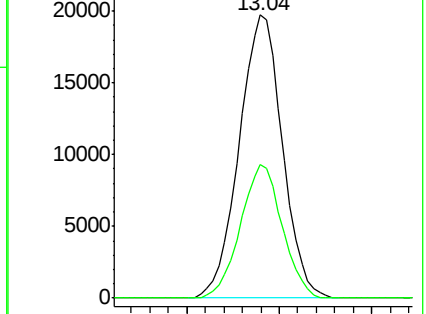
105 100

120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.237 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN053665.D

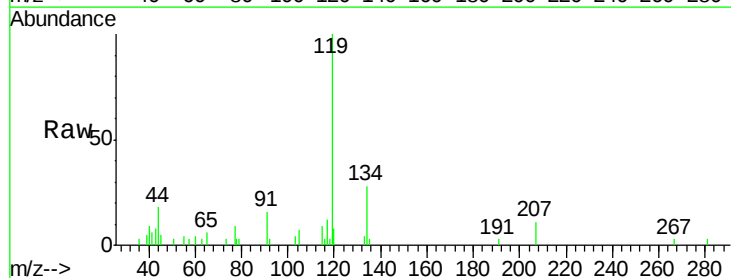
Acq: 7 Feb 2019 19:27

Tgt Ion:117 Resp: 1176

Ion Ratio Lower Upper

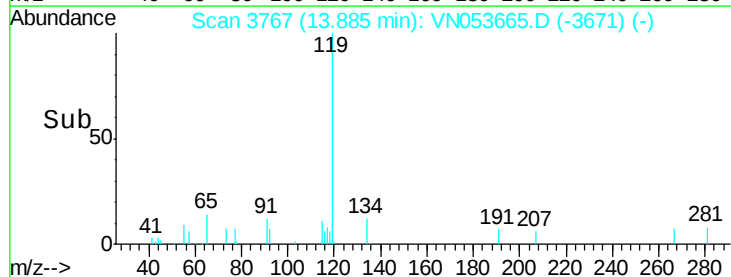
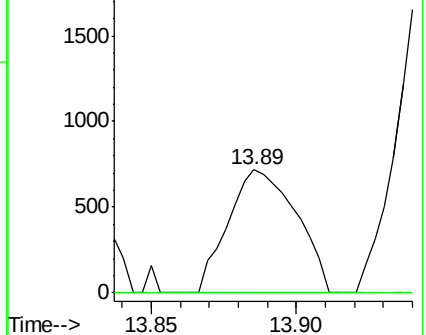
117 100

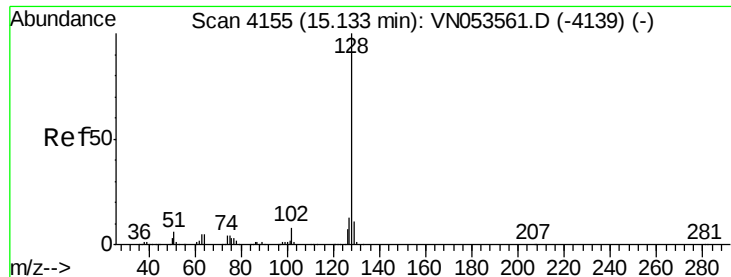
201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

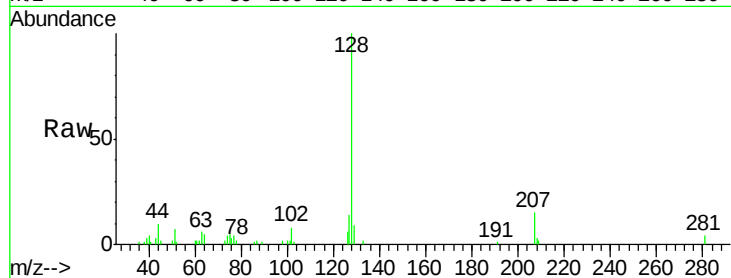
Ion 200.70 (200.40 to 201.40): V





#95
Naphthalene
Concen: 2.843 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	9.6	8.6	13.0



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

