

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053917.D
 Acq On : 22 Feb 2019 15:45
 Operator : JC/SP
 Sample : K1561-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 22 22:15:56 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	639960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1047513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1000412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	448586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	325124	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.59	113	327226	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.09	98	1281191	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.40	95	451442	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.41	74	1060	0.286	ug/l	# 3
11) Tert butyl alcohol	4.78	59	34655	84.879	ug/l	# 84
13) Acrolein	3.61	56	239	0.819	ug/l	# 14
14) Allyl chloride	4.05	41	284730	31.679	ug/l	# 68
16) Acetone	3.81	43	3285648	1826.667	ug/l	98
17) Carbon Disulfide	4.06	76	31734	1.725	ug/l	98
18) Methyl Acetate	4.33	43	25931	6.108	ug/l	99
20) Methylene Chloride	4.55	84	3134	0.465	ug/l	94
25) 2-Butanone	6.84	43	82473	35.533	ug/l	99
29) Tetrahydrofuran	7.21	42	10572	7.043	ug/l	96
31) Cyclohexane	7.66	56	9151	0.346	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	36040	3.754	ug/l	# 42
37) Ethyl Acetate	6.84	43	82473	14.427	ug/l	# 67
38) Carbon Tetrachloride	7.67	117	50619	5.278	ug/l	# 17
40) Benzene	8.04	78	137210	4.834	ug/l	99
41) Methacrylonitrile	7.20	41	3762	0.966	ug/l	# 100
43) Isopropyl Acetate	8.34	43	237563	23.196	ug/l	# 58
48) Methyl methacrylate	9.20	41	9371	2.134	ug/l	# 87
49) 1,4-Dioxane	9.21	88	1477	42.498	ug/l	# 25
51) 4-Methyl-2-Pentanone	9.99	43	44712	14.796	ug/l	98
52) Toluene	10.16	92	92851	5.520	ug/l	99
56) Ethyl methacrylate	10.44	69	1378	2.632	ug/l	# 54
58) 2-Chloroethyl Vinyl ether	9.71	63	405	13.082	ug/l	# 47
59) 2-Hexanone	10.75	43	3485	1.085	ug/l	92
67) Ethyl Benzene	11.51	91	11190	0.330	ug/l	95
68) m/p-Xylenes	11.62	106	30895	2.354	ug/l	100
69) o-Xylene	11.95	106	11989	0.949	ug/l	100
71) Bromoform	12.40	173	2397	0.442	ug/l	# 1
74) N-amyl acetate	12.03	43	19751	2.722	ug/l	# 42
76) 1,2,3-Trichloropropane	12.40	75	210244	31.926	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	5833	0.222	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	210244	105.398	ug/l	# 15
84) 1,2,4-Trimethylbenzene	13.04	105	22208	0.844	ug/l	98
85) sec-Butylbenzene	13.04	105	22208	0.700	ug/l	# 56

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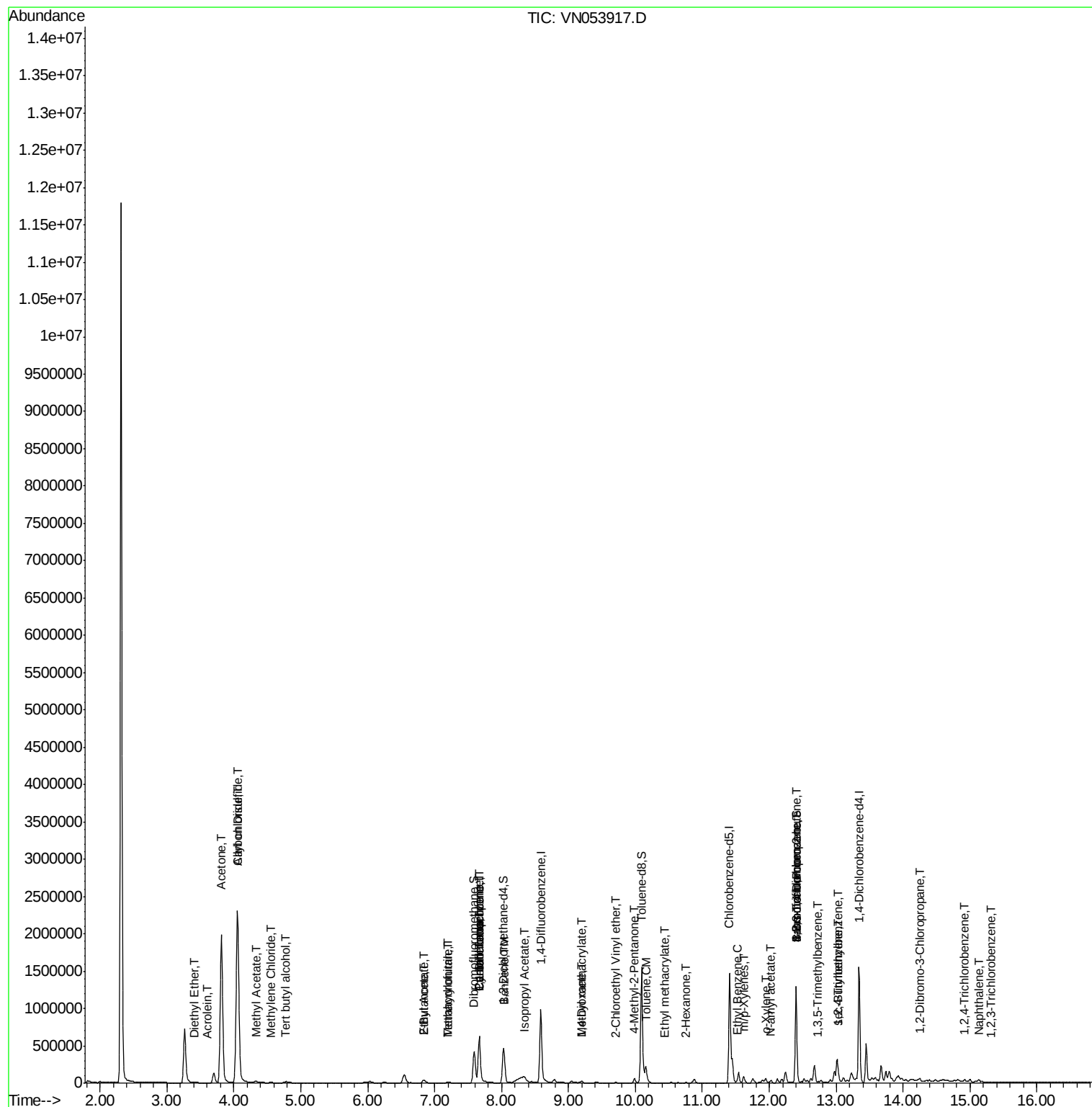
Quant Time: Feb 22 22:15:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
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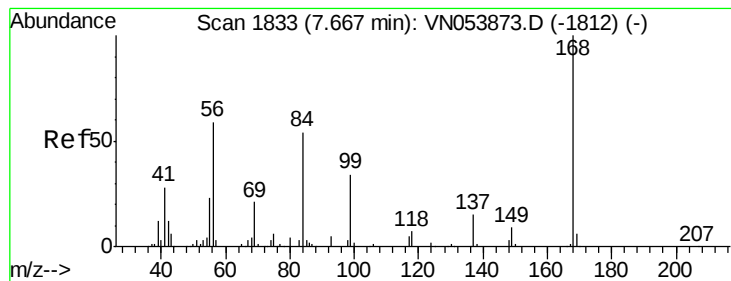
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.26	75	907	0.832	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	63	2.933	ug/l #	32
95) Naphthalene	15.13	128	19383	5.601	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.32	180	30	2.567	ug/l #	1

(#) = 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: VN053917.D

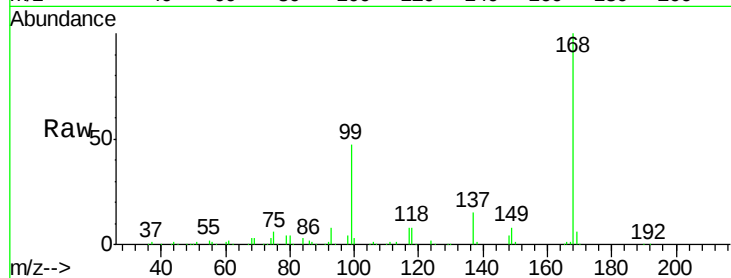
Acq: 22 Feb 2019 15:45

Tot Ion:168 Resp: 639960

Ion Ratio Lower Upper

168 100

99 46.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

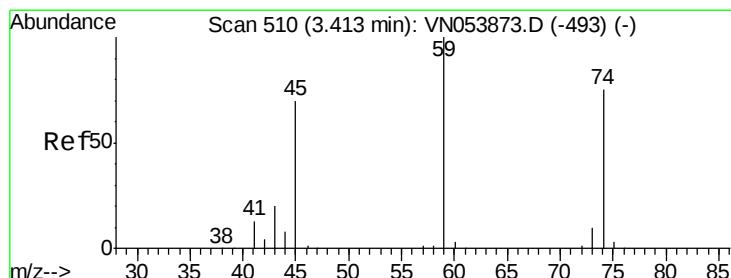
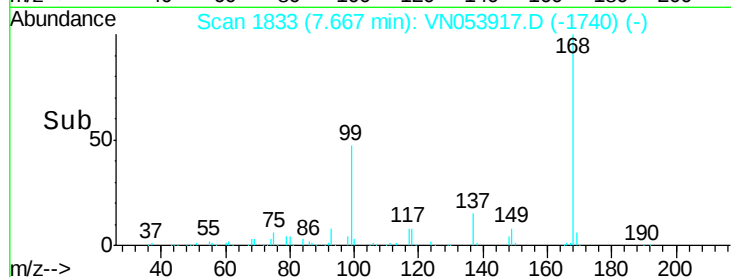
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 0.286 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053917.D

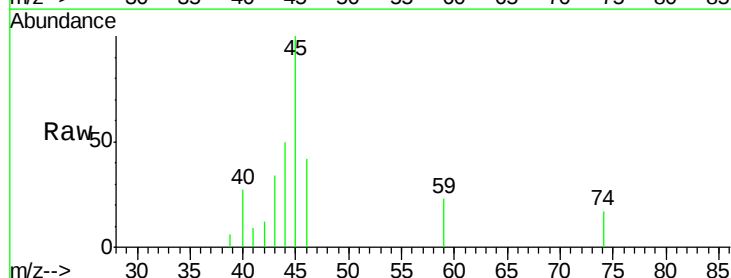
Acq: 22 Feb 2019 15:45

Tgt Ion: 74 Resp: 1060

Ion Ratio Lower Upper

74 100

45 0.0 46.9 140.6#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

8000

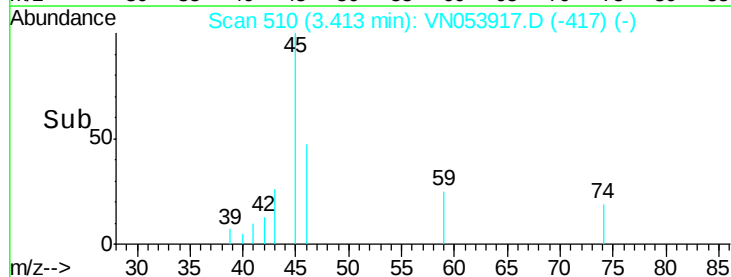
6000

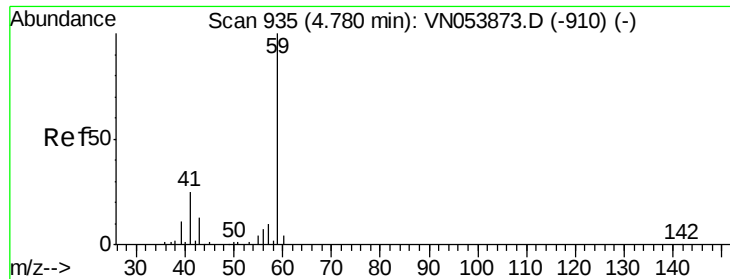
4000

2000

0

Time--> 3.40 3.45





#11

Tert butyl alcohol

Concen: 84.879 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN053917.D

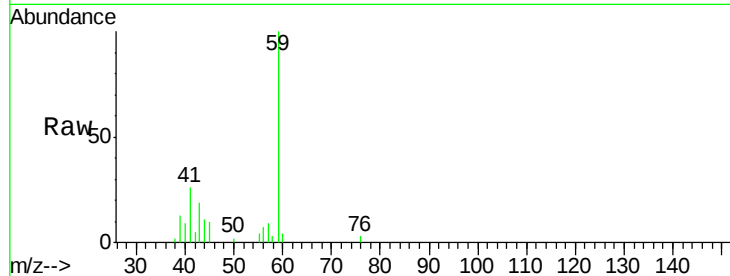
Acq: 22 Feb 2019 15:45

Tot Ion: 59 Resp: 34655

Ion Ratio Lower Upper

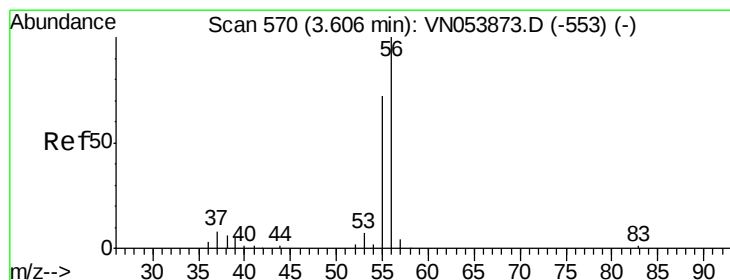
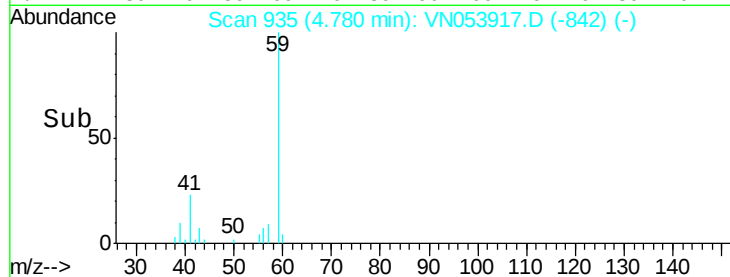
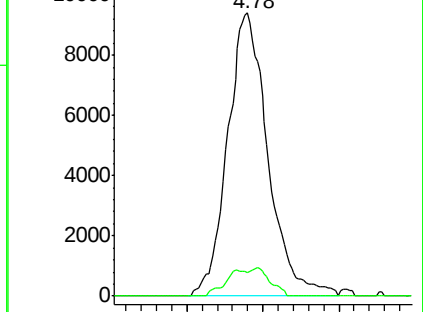
59 100

57 4.2 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.819 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053917.D

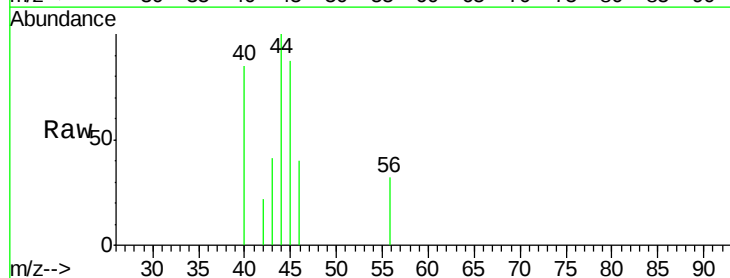
Acq: 22 Feb 2019 15:45

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

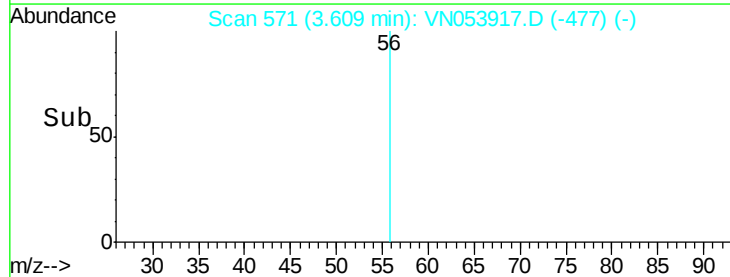
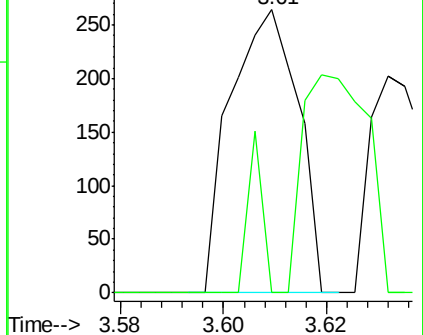
56 100

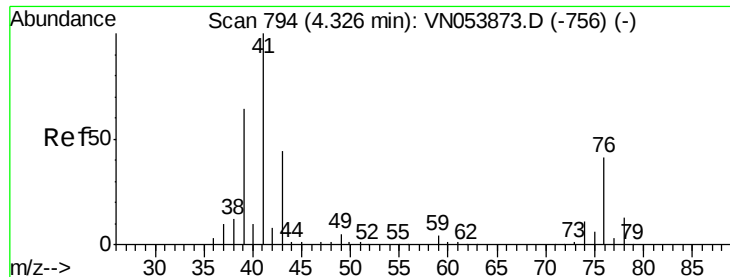
55 0.0 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

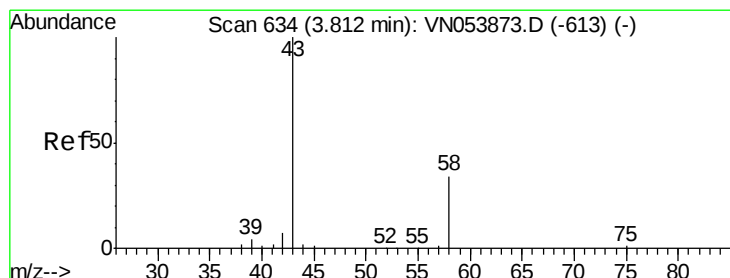
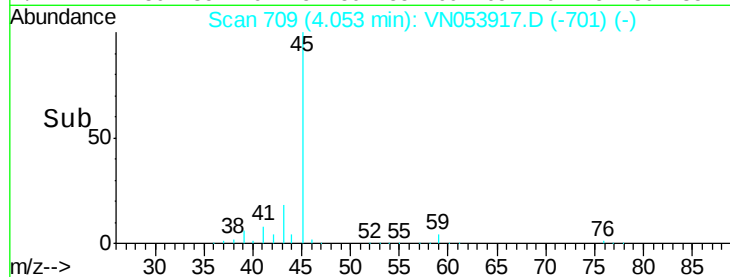
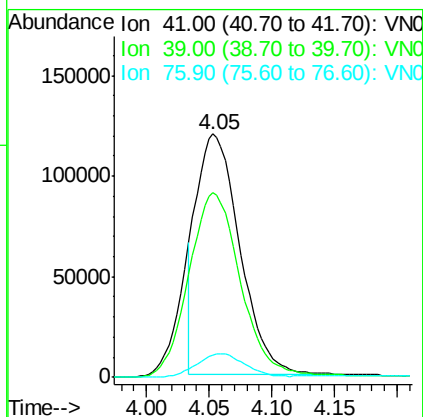
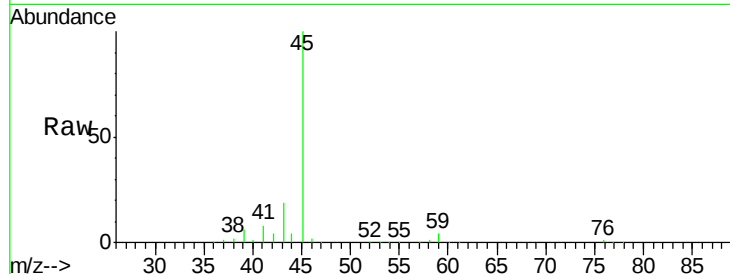
Ion 55.00 (54.70 to 55.70): VN0





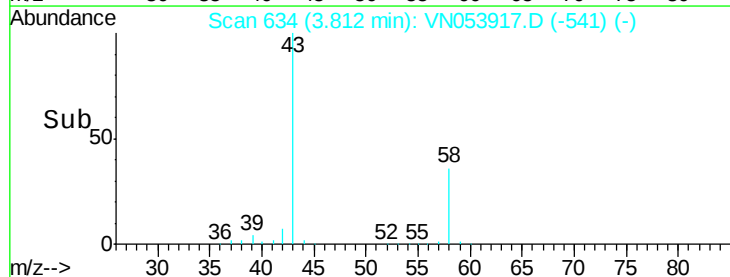
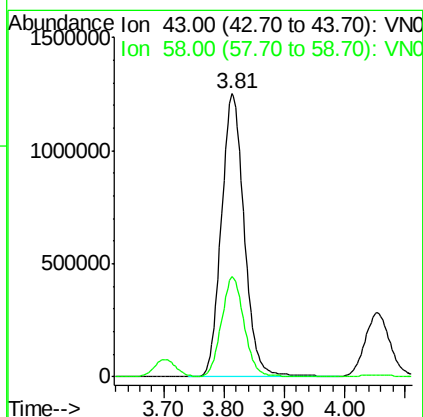
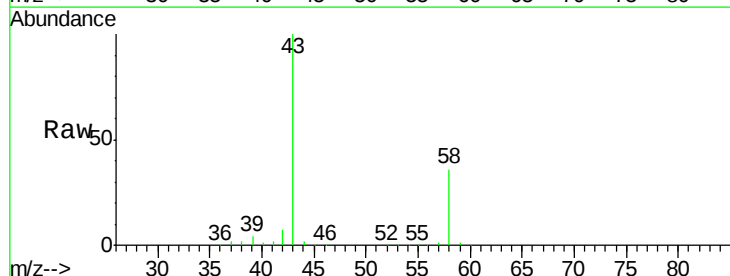
#14
Allvl chloride
Concen: 31.679 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.27 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

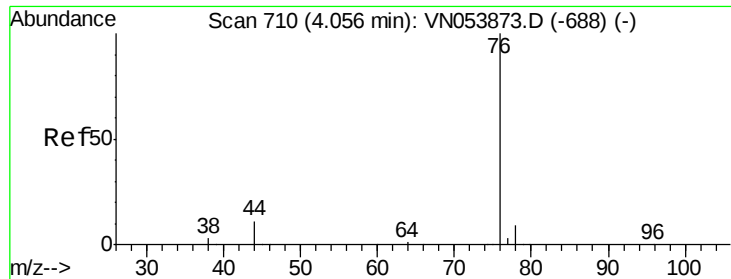
Tot Ion: 41 Resp: 284730
Ion Ratio Lower Upper
41 100
39 77.1 48.8 73.2#
76 9.3 30.9 46.3#



#16
Acetone
Concen: 1826.667 ug/l
RT: 3.81 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tgt Ion: 43 Resp: 3285648
Ion Ratio Lower Upper
43 100
58 35.4 27.6 41.4





#17

Carbon Disulfide

Concen: 1.725 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053917.D

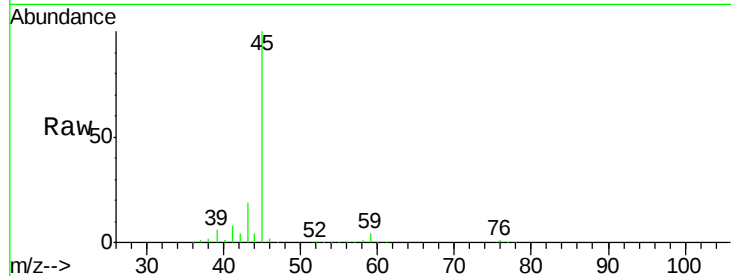
Acq: 22 Feb 2019 15:45

Tot Ion: 76 Resp: 31734

Ion Ratio Lower Upper

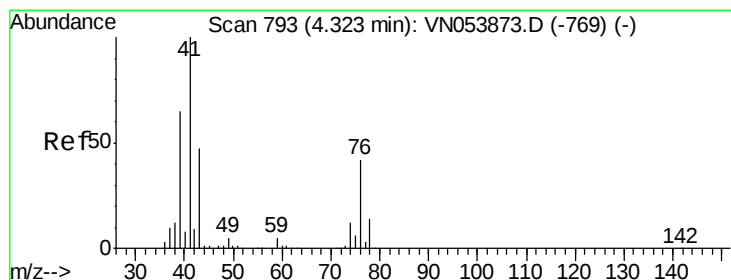
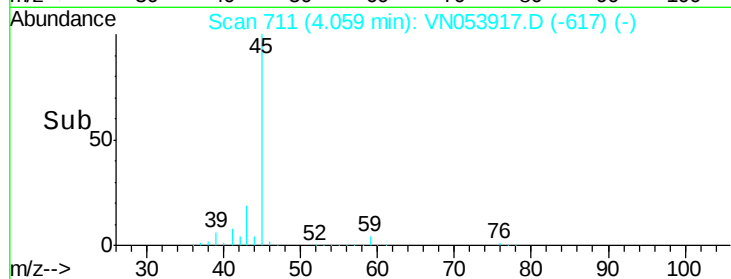
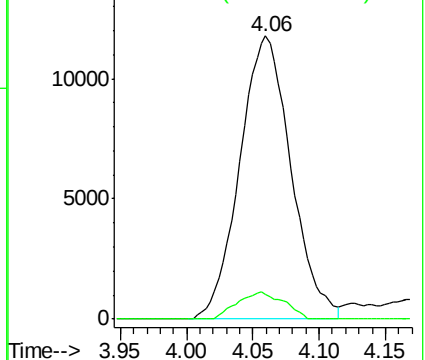
76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 6.108 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053917.D

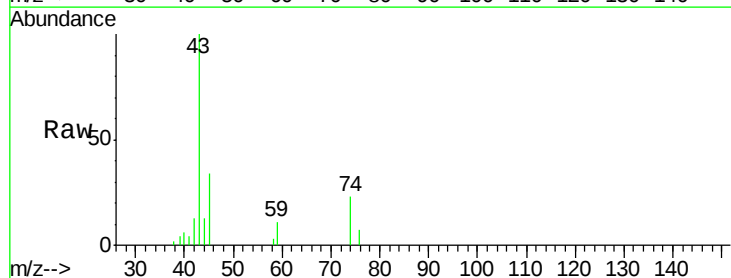
Acq: 22 Feb 2019 15:45

Tgt Ion: 43 Resp: 25931

Ion Ratio Lower Upper

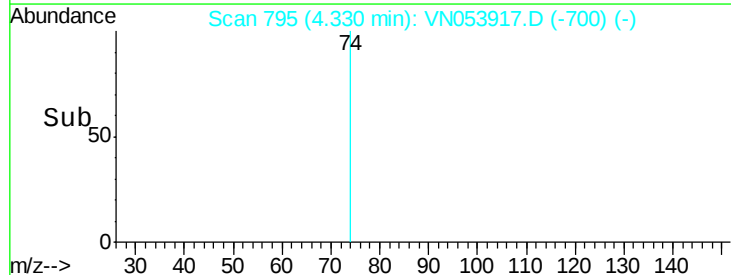
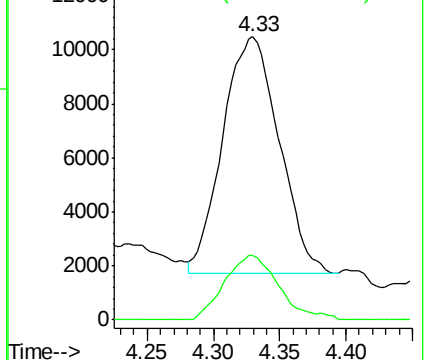
43 100

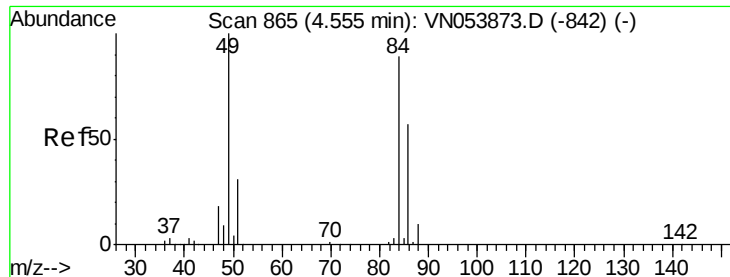
74 26.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

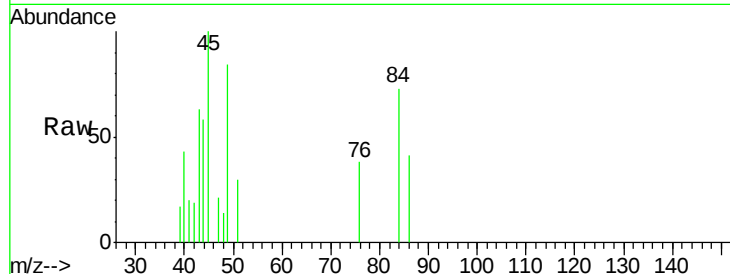




#20
Methvlene Chloride
Concen: 0.465 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tot Ion: 84 Resp: 3134

Ion	Ratio	Lower	Upper
84	100		
49	114.8	89.7	134.5
51	40.5	27.8	41.8
86	56.2	51.3	76.9

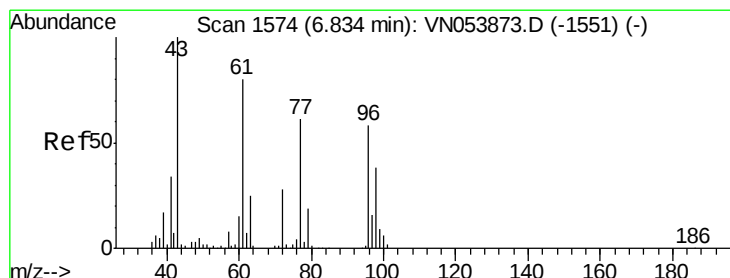
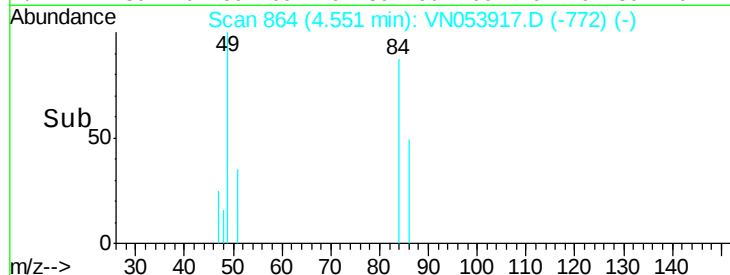
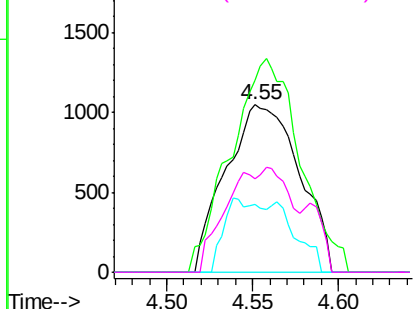


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

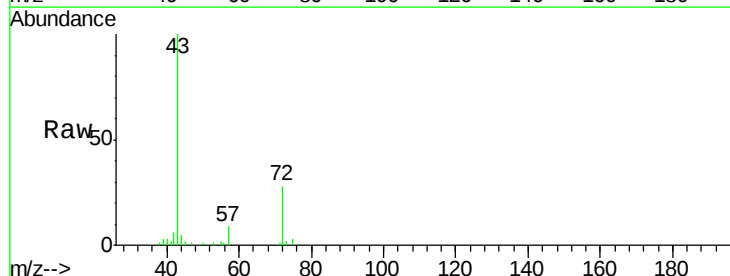
Ion 85.90 (85.60 to 86.60): VNO



#25
2-Butanone
Concen: 35.533 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

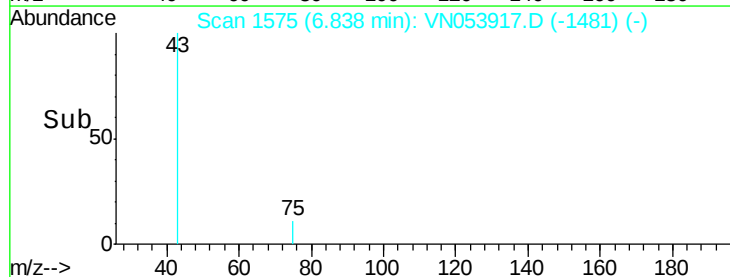
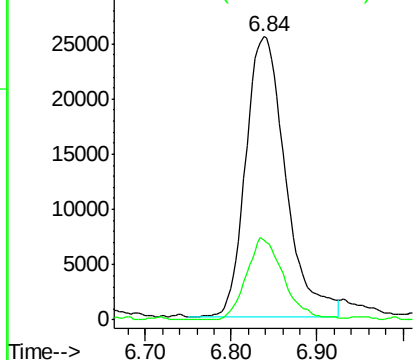
Tgt Ion: 43 Resp: 82473

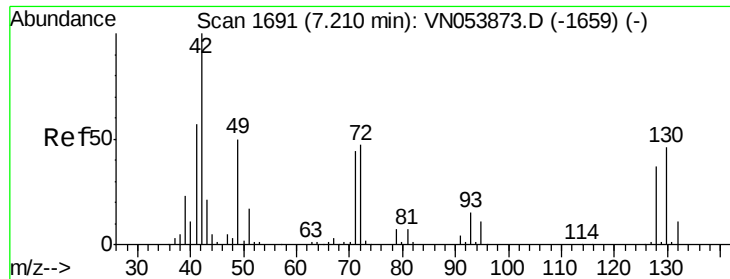
Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 7.043 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

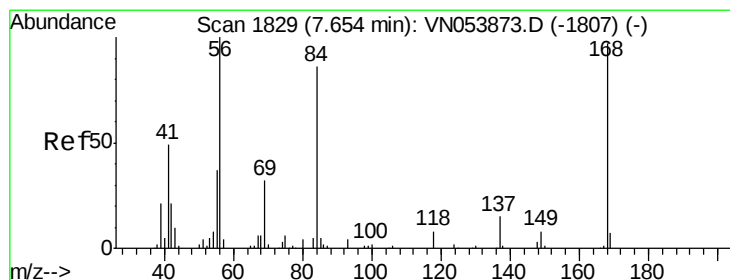
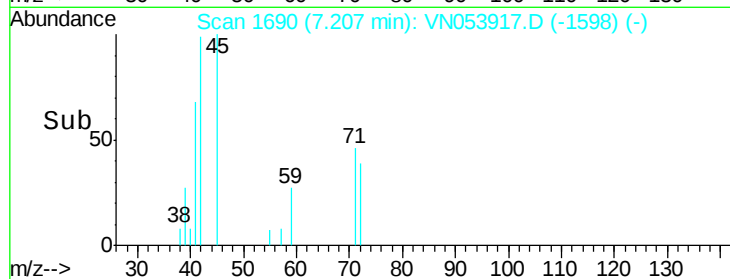
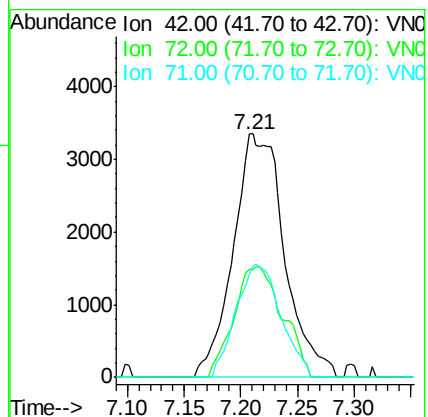
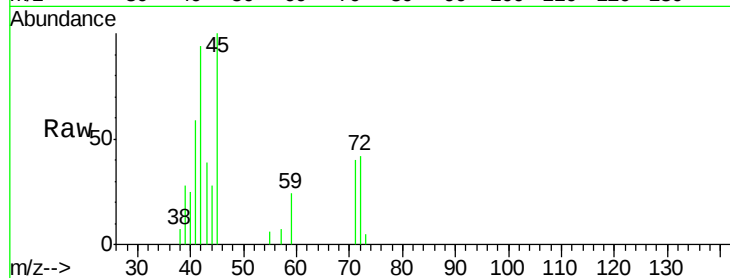
Tot Ion: 42 Resp: 10572

Ion Ratio Lower Upper

42 100

72 42.9 36.9 55.3

71 40.6 34.6 52.0



#31

Cyclohexane

Concen: 0.346 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

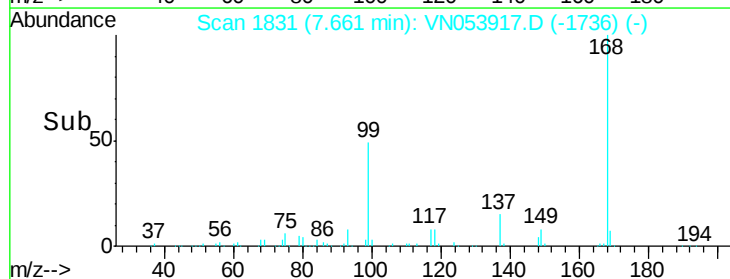
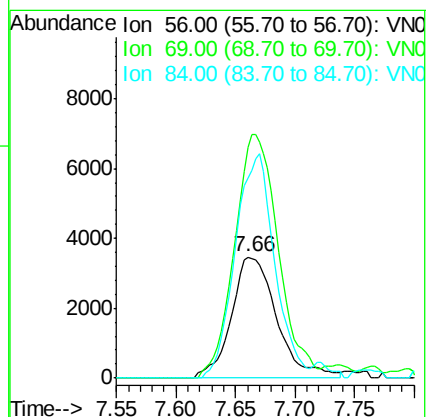
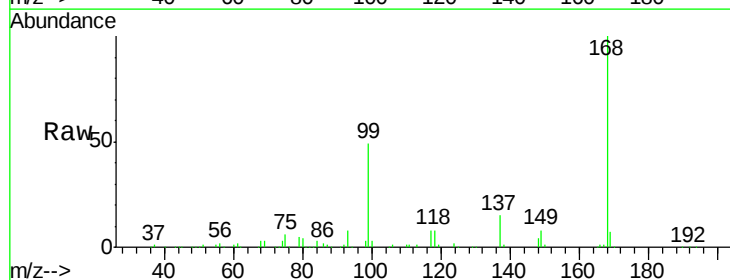
Tgt Ion: 56 Resp: 9151

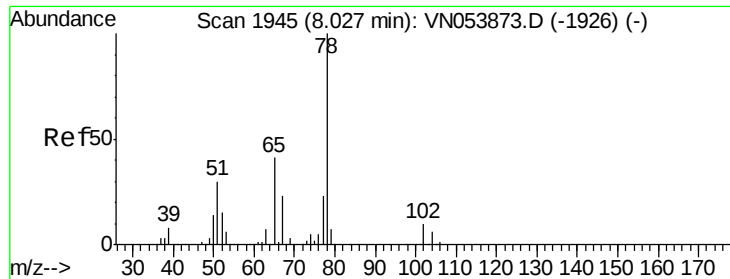
Ion Ratio Lower Upper

56 100

69 190.6 26.0 39.0#

84 165.2 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 49.711 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053917.D

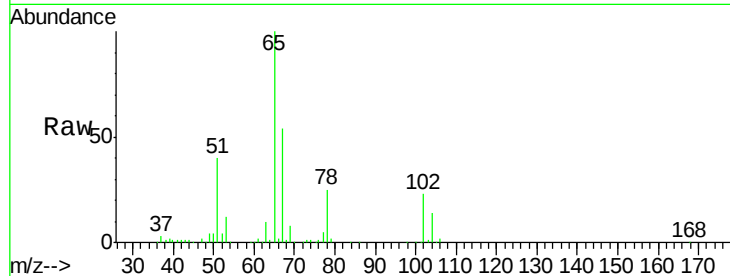
Acq: 22 Feb 2019 15:45

Tot Ion: 65 Resp: 325124

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053873.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053873.D (-1926) (-)

8.03

150000

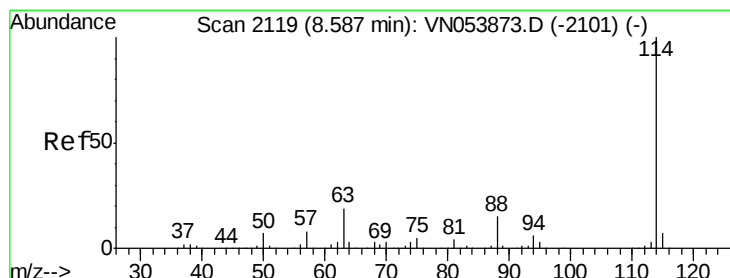
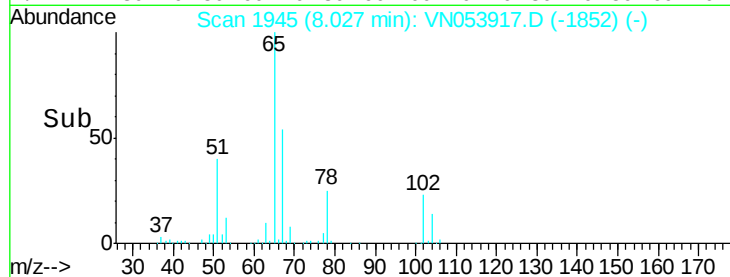
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

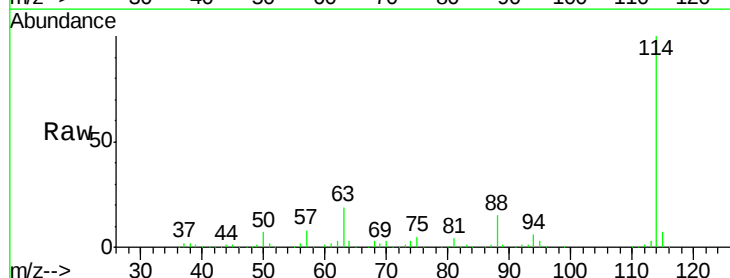
Tgt Ion: 114 Resp: 1047513

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053873.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN053873.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN053873.D (-2101) (-)

8.59

600000

500000

400000

300000

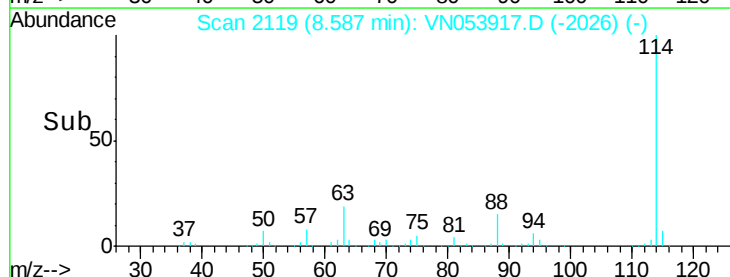
200000

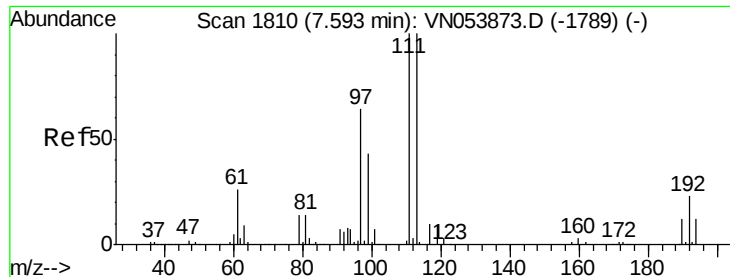
100000

0

8.40 8.60 8.80

Time-->





#35

Dibromofluoromethane

Concen: 47.599 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

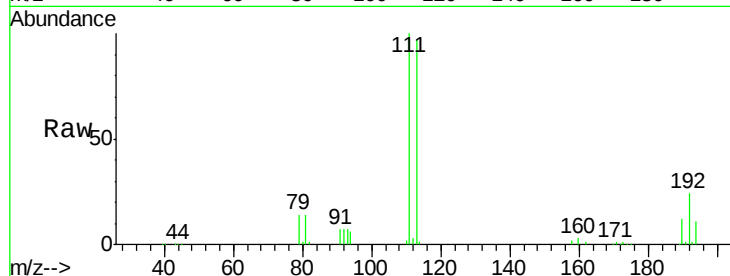
Tot Ion:113 Resp: 327226

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

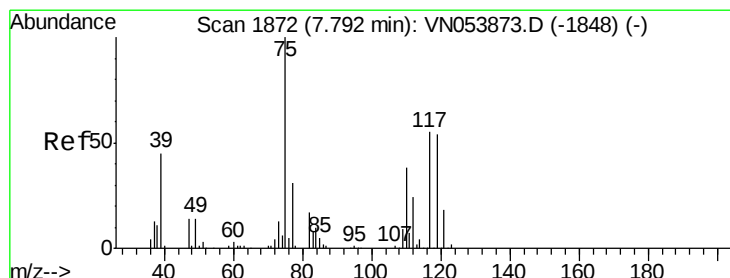
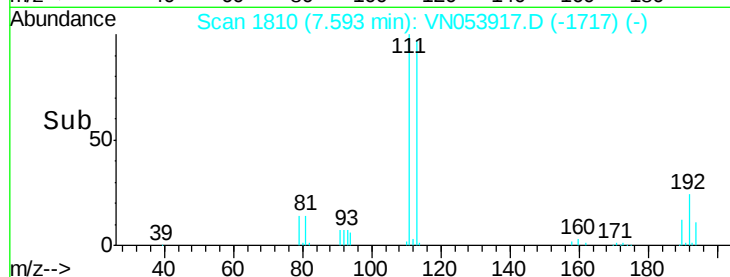
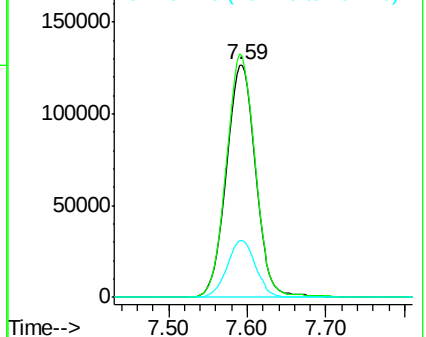
192 23.8 18.8 28.2



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: 3.754 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

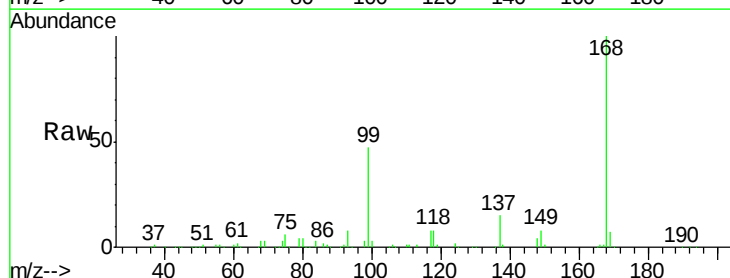
Tgt Ion: 75 Resp: 36040

Ion Ratio Lower Upper

75 100

110 3.0 19.0 57.0#

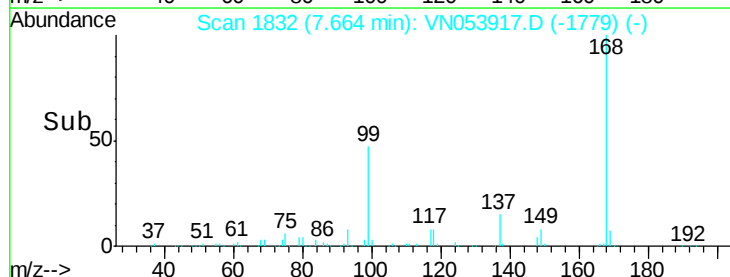
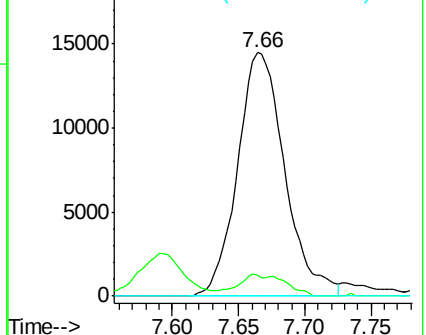
77 0.0 25.4 38.0#

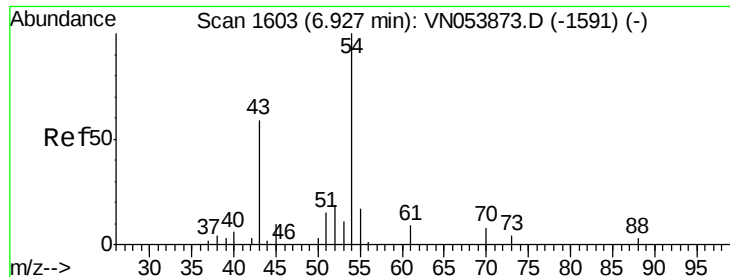


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

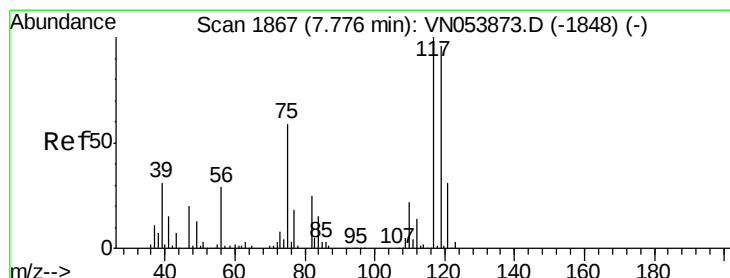
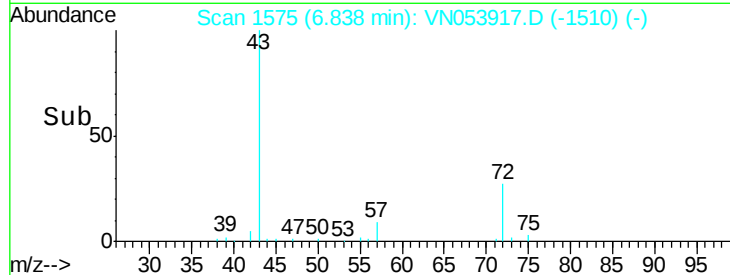
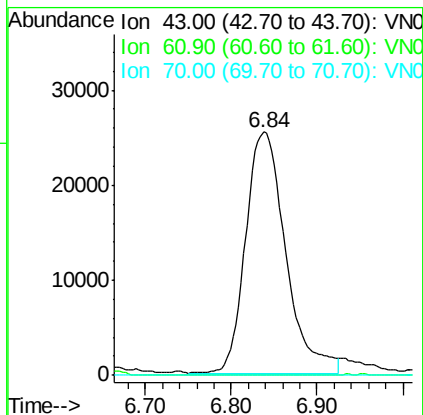
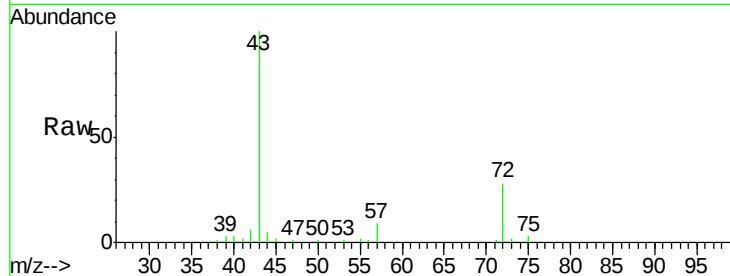
Ion 76.90 (76.60 to 77.60): V





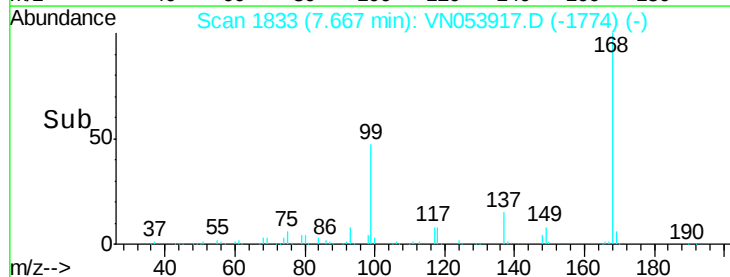
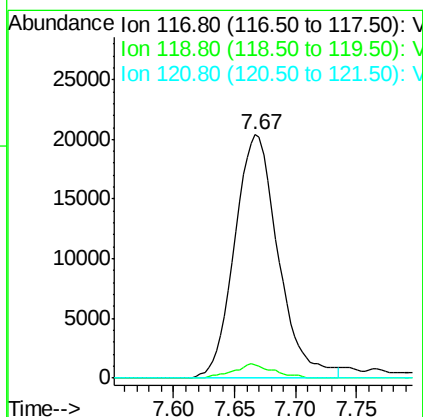
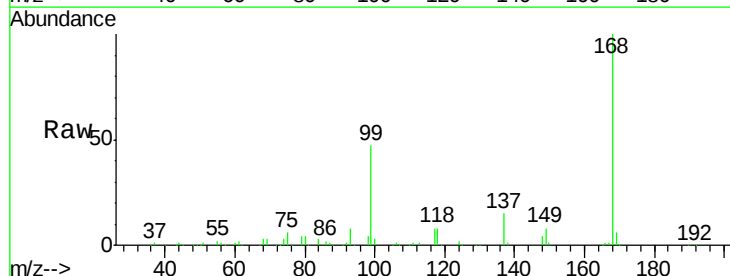
#37
Ethyl Acetate
Concen: 14.427 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.09 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

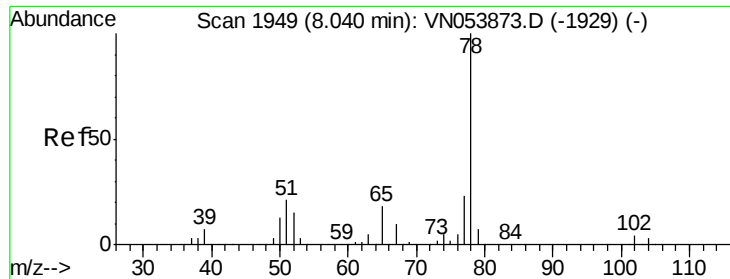
Tot Ion: 43 Resp: 82473
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tgt Ion: 117 Resp: 50619
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.6 36.8#





#40

Benzene

Concen: 4.834 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053917.D

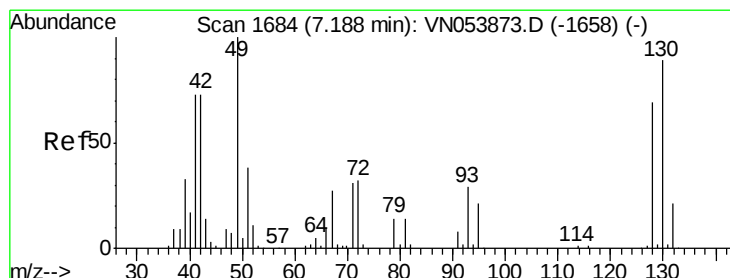
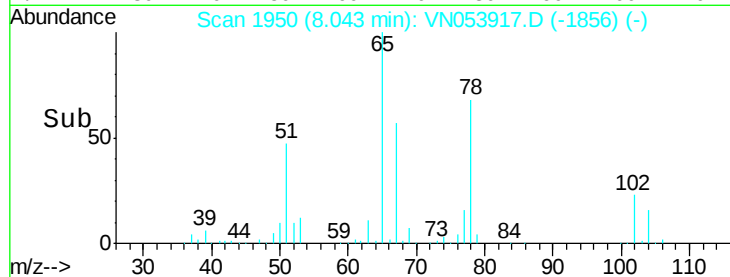
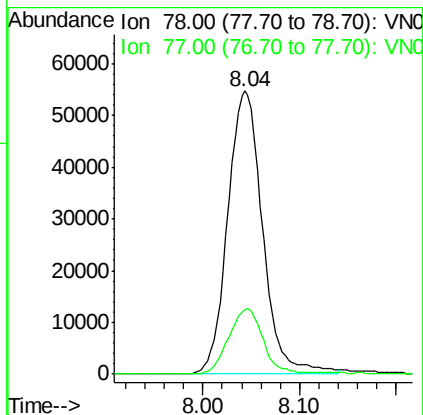
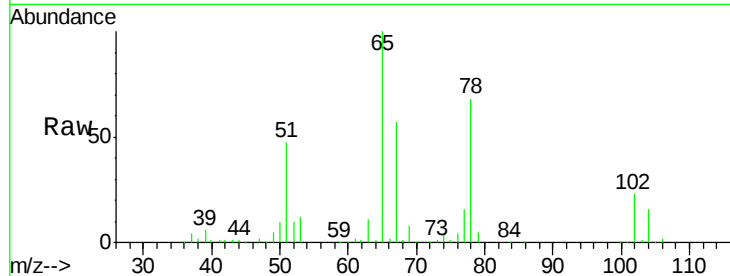
Acq: 22 Feb 2019 15:45

Tot Ion: 78 Resp: 137210

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2



#41

Methacrylonitrile

Concen: 0.966 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.02 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

Tgt Ion: 41 Resp: 3762

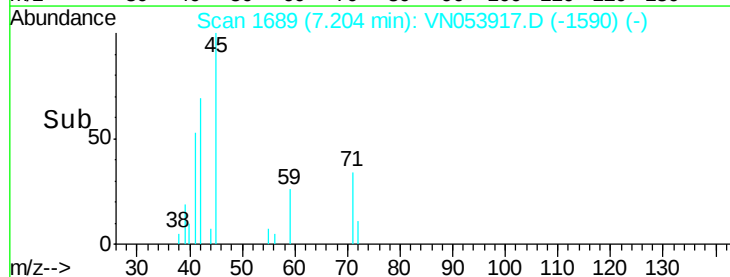
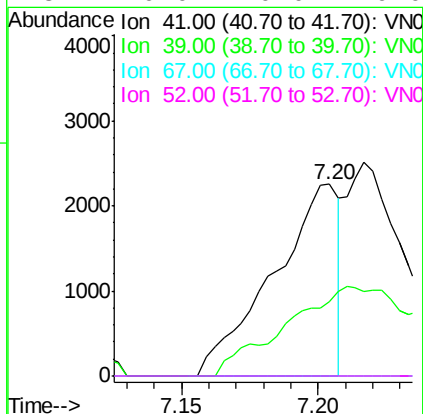
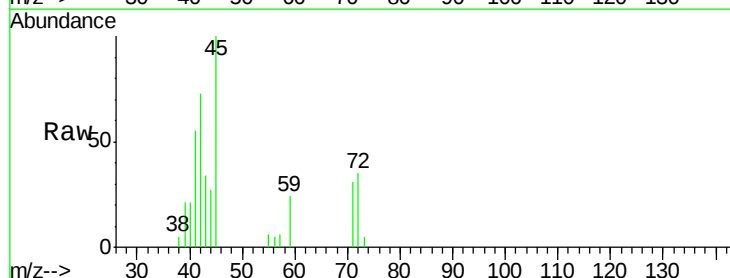
Ion Ratio Lower Upper

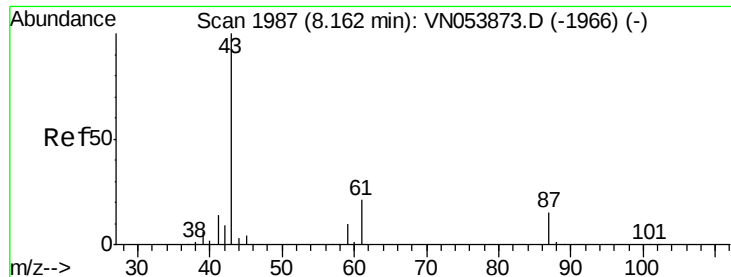
41 100

39 100.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 23.196 ug/l

RT: 8.34 min Scan# 2041

Delta R.T. 0.17 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

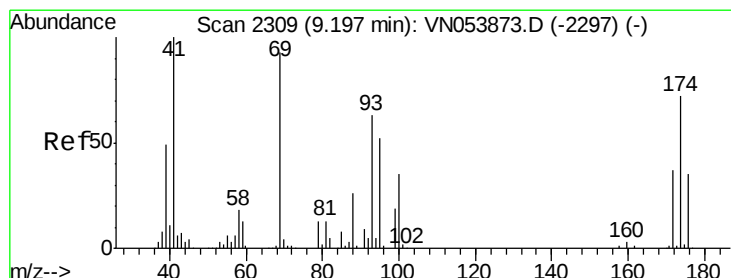
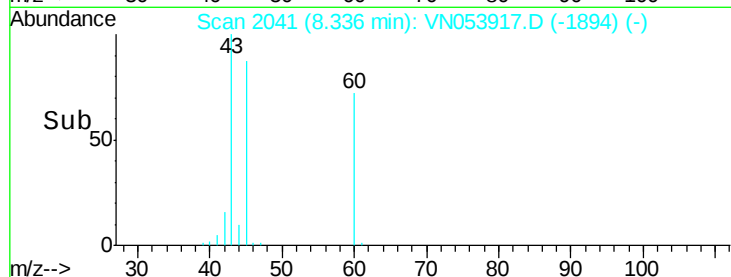
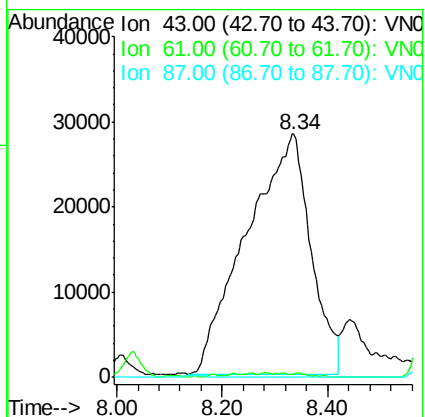
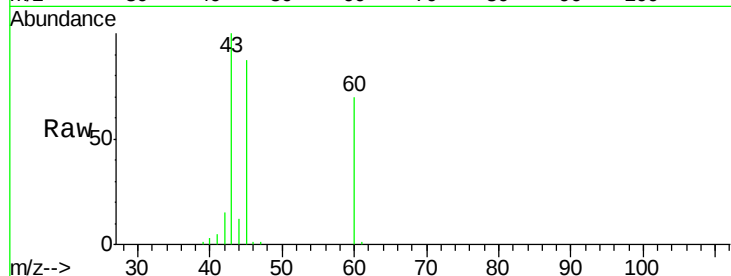
Tot Ion: 43 Resp: 237563

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

87 0.0 11.5 17.3#



#48

Methyl methacrylate

Concen: 2.134 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

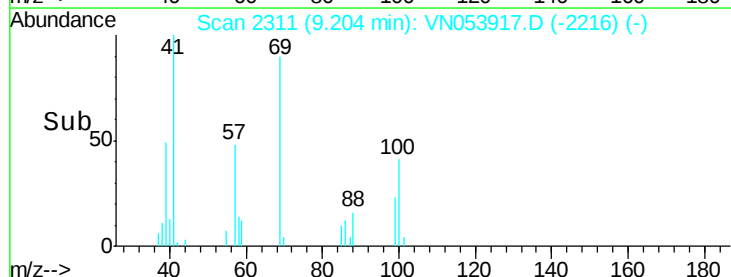
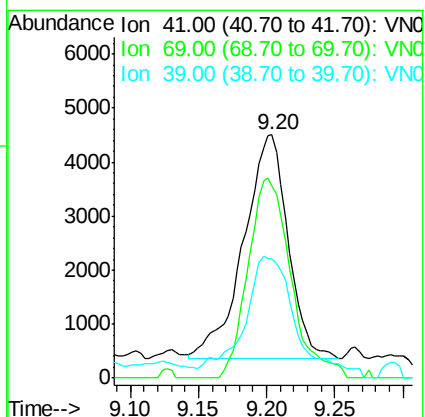
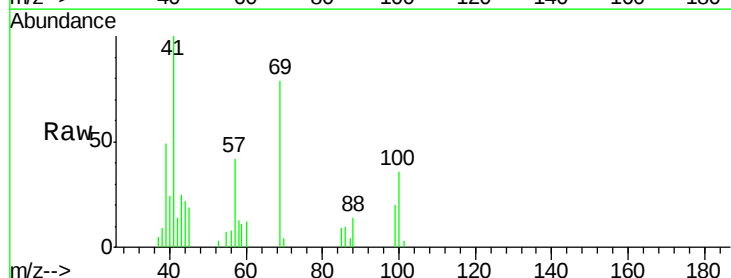
Tgt Ion: 41 Resp: 9371

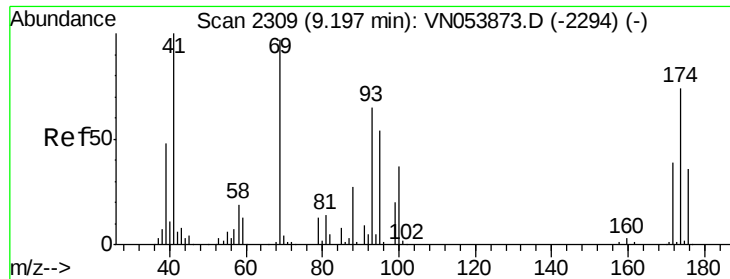
Ion Ratio Lower Upper

41 100

69 86.2 74.8 112.2

39 64.3 39.0 58.6#





#49

1,4-Dioxane

Concen: 42.498 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

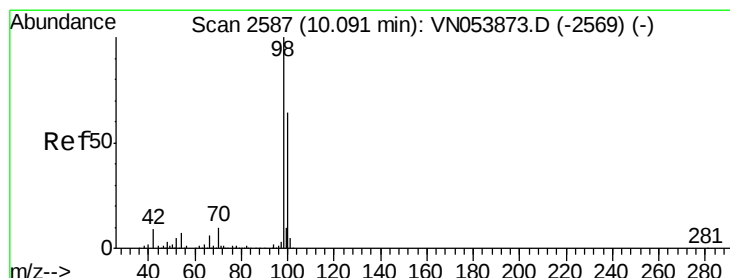
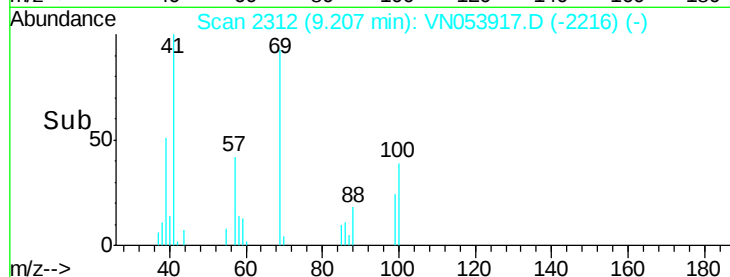
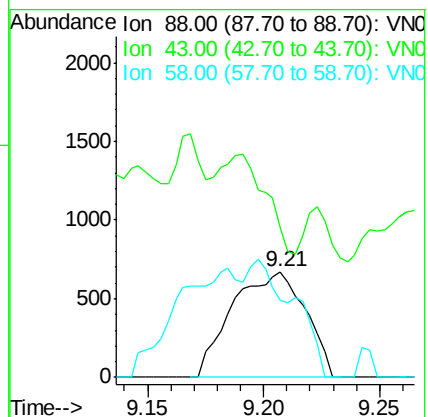
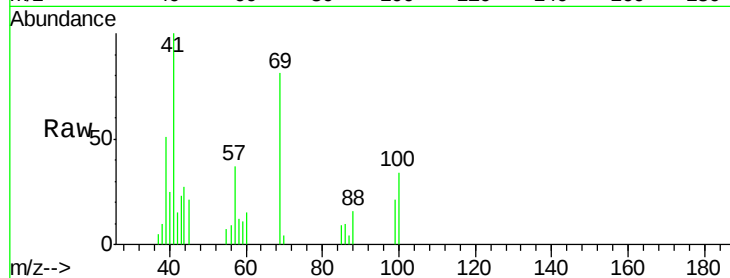
Tot Ion: 88 Resp: 1477

Ion Ratio Lower Upper

88 100

43 0.0 21.2 31.8#

58 0.0 54.2 81.2#



#50

Toluene-d8

Concen: 51.600 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053917.D

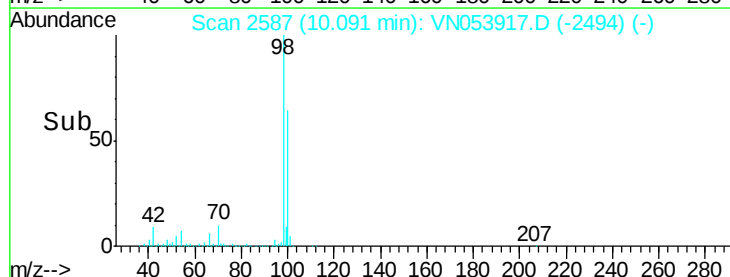
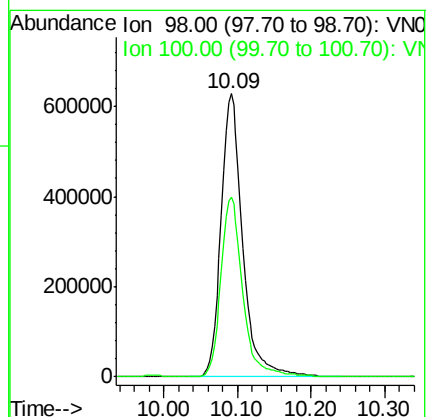
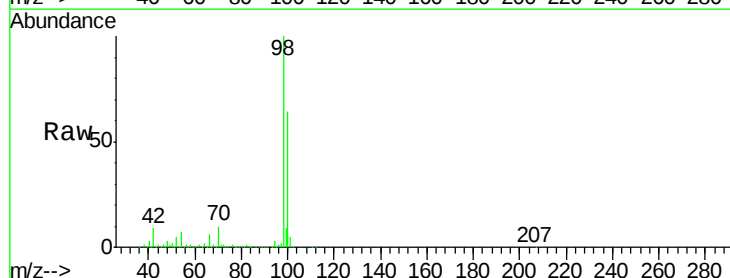
Acq: 22 Feb 2019 15:45

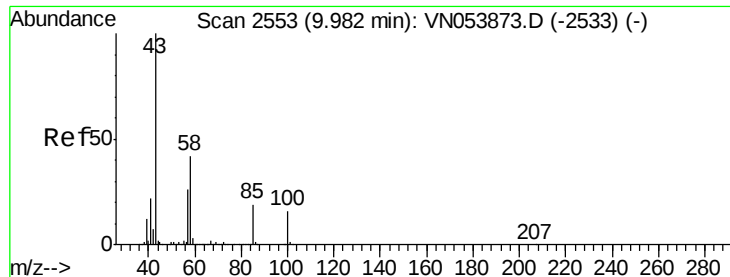
Tgt Ion: 98 Resp: 1281191

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 14.796 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053917.D

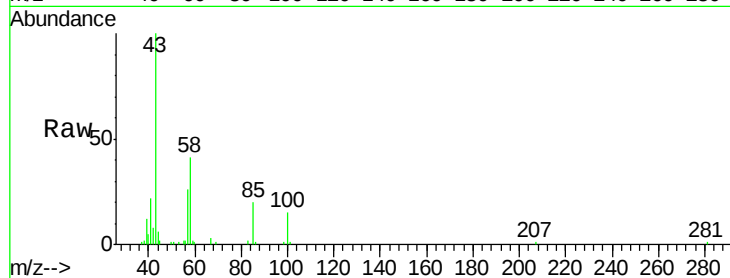
Acq: 22 Feb 2019 15:45

Tot Ion: 43 Resp: 44712

Ion Ratio Lower Upper

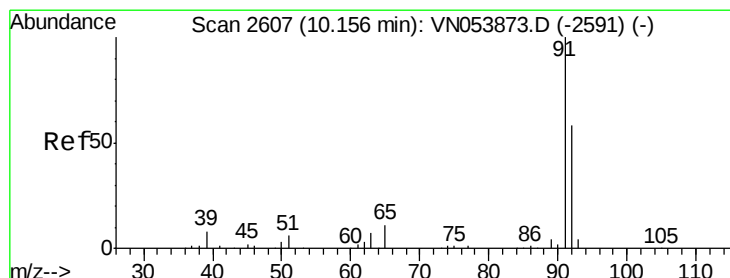
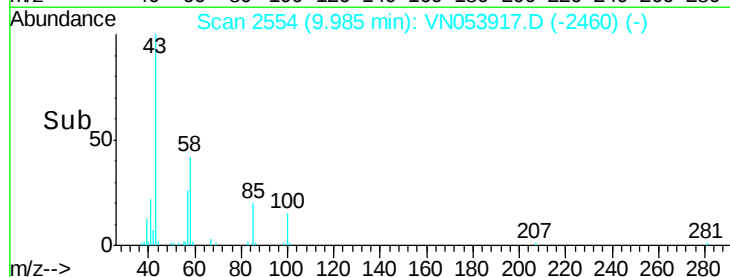
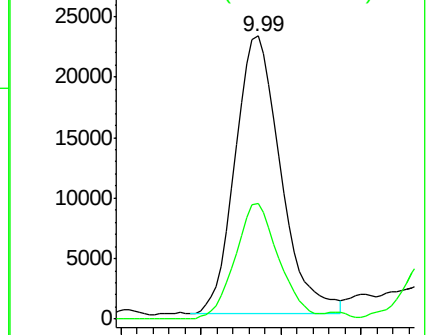
43 100

58 39.9 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 5.520 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053917.D

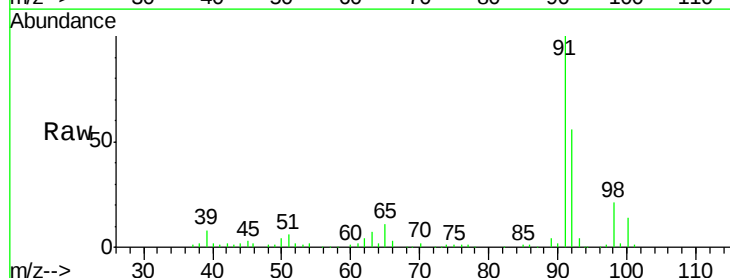
Acq: 22 Feb 2019 15:45

Tgt Ion: 92 Resp: 92851

Ion Ratio Lower Upper

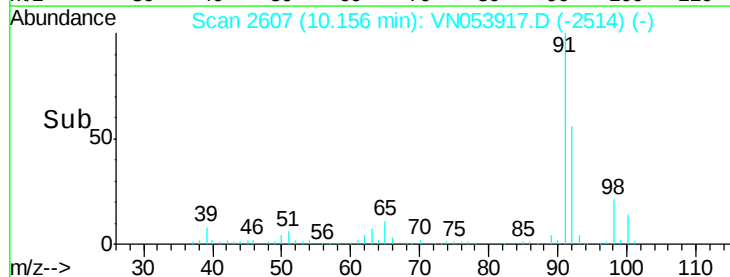
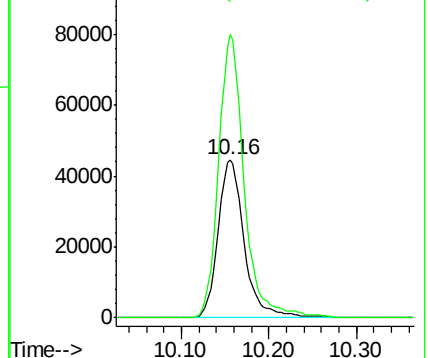
92 100

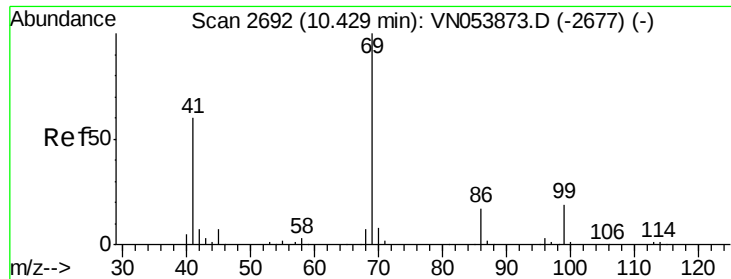
91 174.4 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#56

Ethyl methacrylate

Concen: 2.632 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

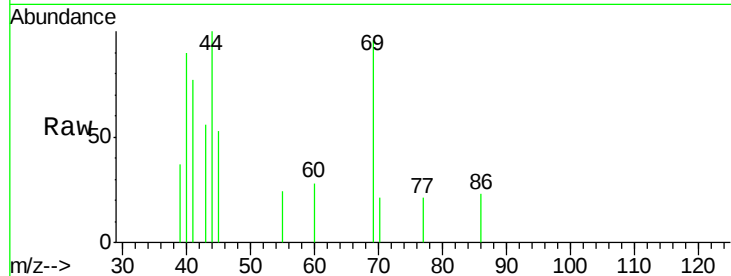
Tot Ion: 69 Resp: 1378

Ion Ratio Lower Upper

69 100

41 30.0 47.5 71.3#

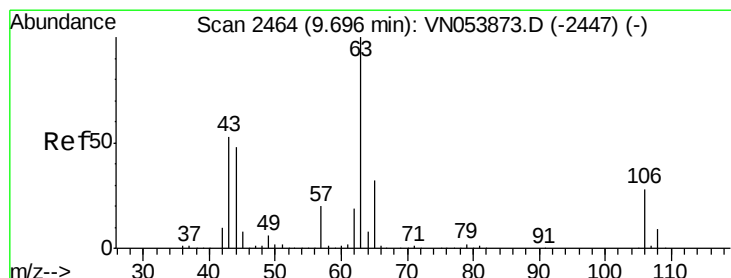
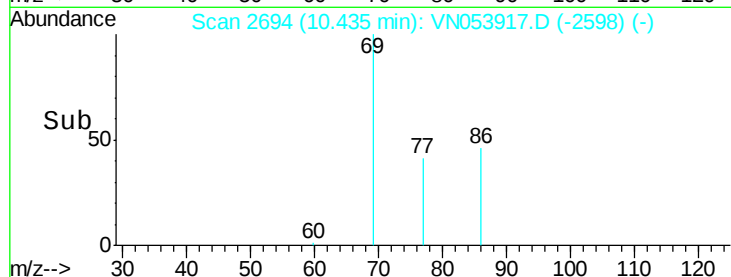
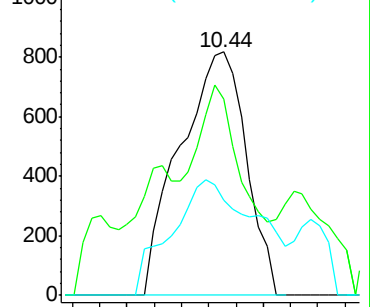
39 61.4 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN053917.D (-2694) (-)

Ion 41.00 (40.70 to 41.70): VN053917.D (-2694) (-)

Ion 39.00 (38.70 to 39.70): VN053917.D (-2694) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 13.082 ug/l

RT: 9.71 min Scan# 2468

Delta R.T. 0.01 min

Lab File: VN053917.D

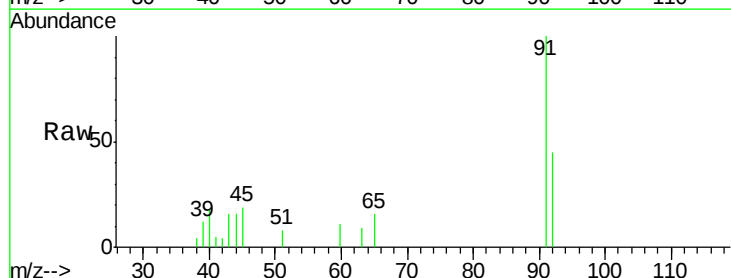
Acq: 22 Feb 2019 15:45

Tgt Ion: 63 Resp: 405

Ion Ratio Lower Upper

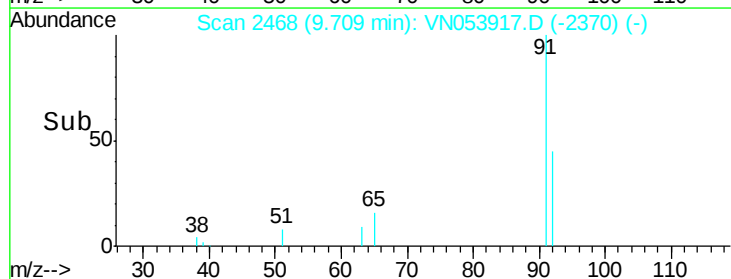
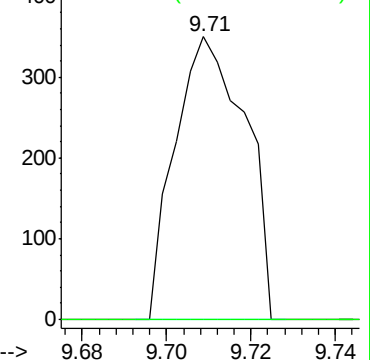
63 100

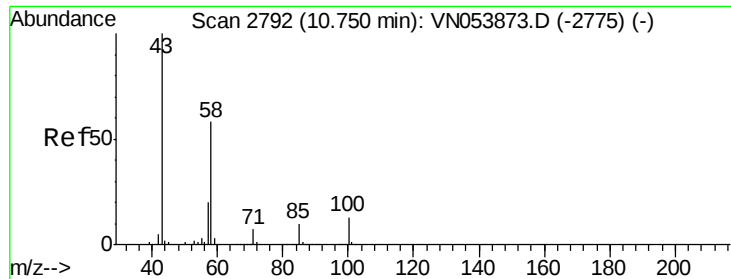
106 0.0 22.2 33.2#



Abundance Ion 62.90 (62.60 to 63.60): VN053917.D (-2468) (-)

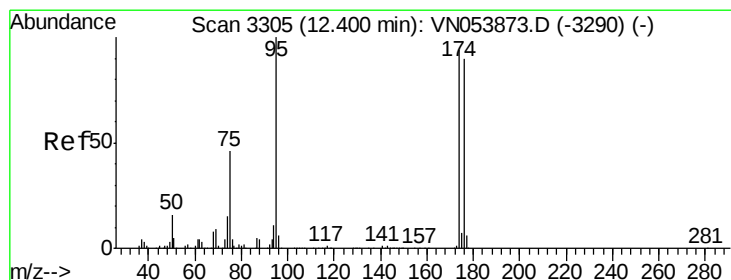
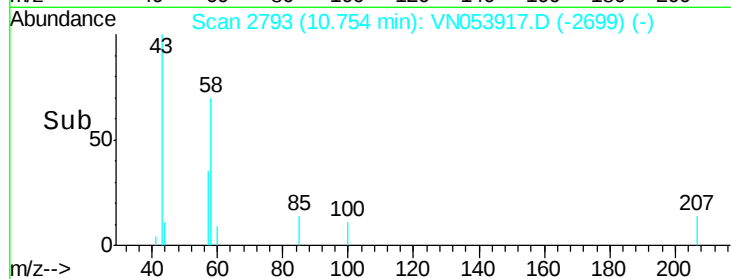
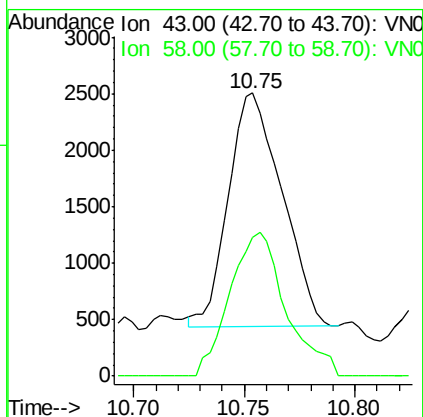
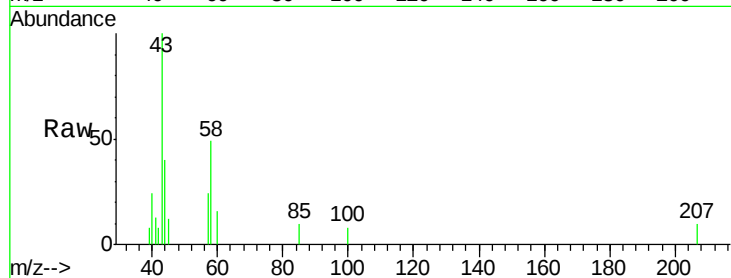
Ion 105.90 (105.60 to 106.60): VN053917.D (-2468) (-)





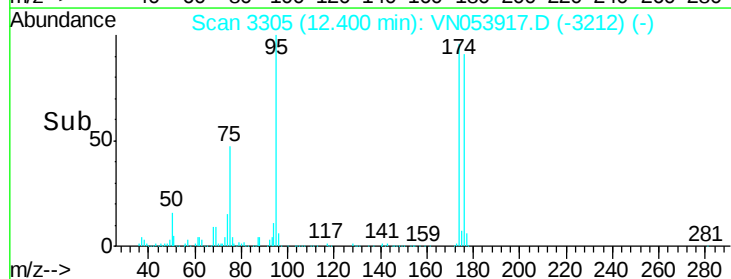
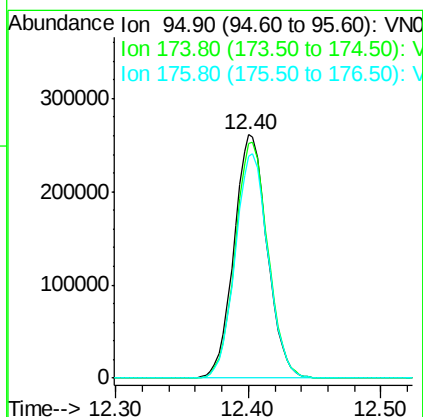
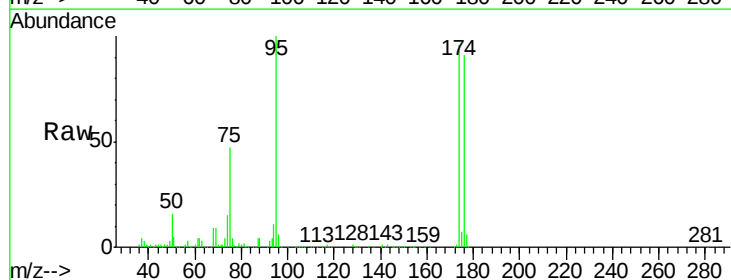
#59
2-Hexanone
Concen: 1.085 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

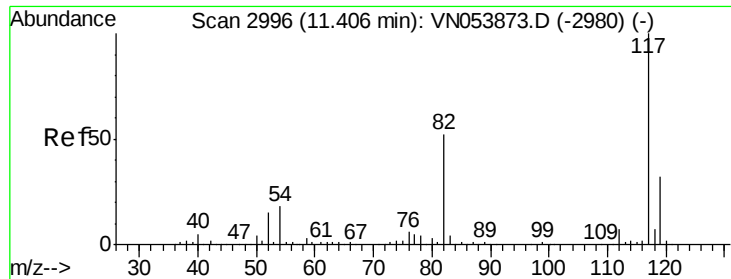
Tot Ion: 43 Resp: 3485
Ion Ratio Lower Upper
43 100
58 64.6 29.1 87.4



#62
4-Bromofluorobenzene
Concen: 55.073 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tgt Ion: 95 Resp: 451442
Ion Ratio Lower Upper
95 100
174 96.1 0.0 188.8
176 92.0 0.0 182.6

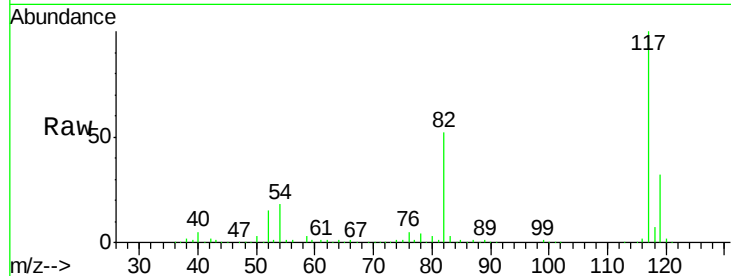




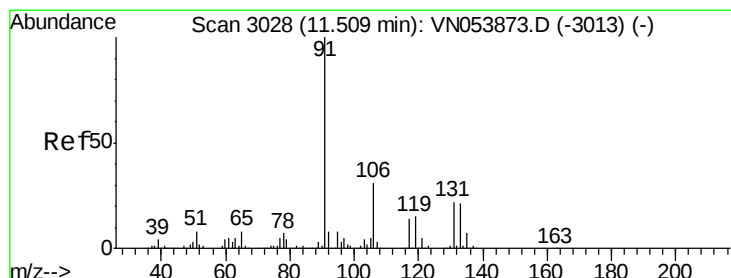
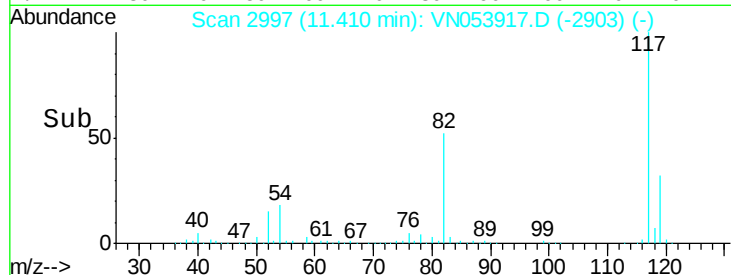
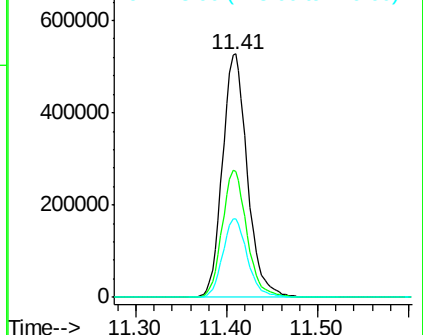
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tot Ion:117 Resp: 1000412

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.4	62.2
119	32.2	25.3	37.9



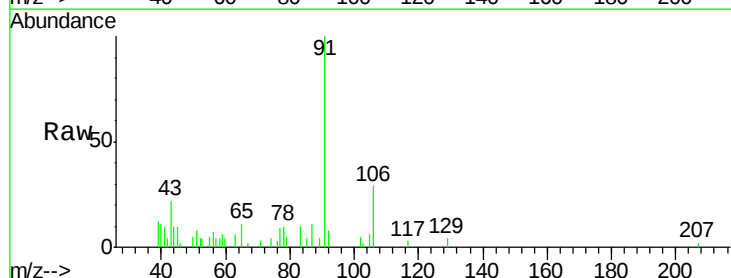
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



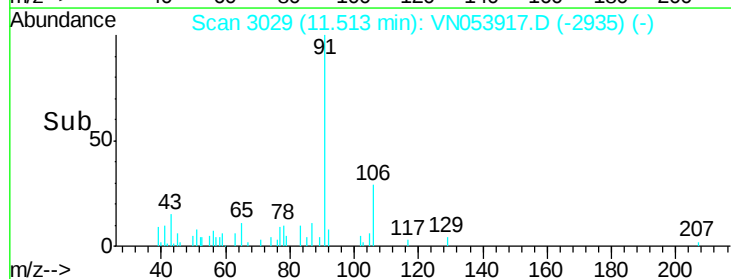
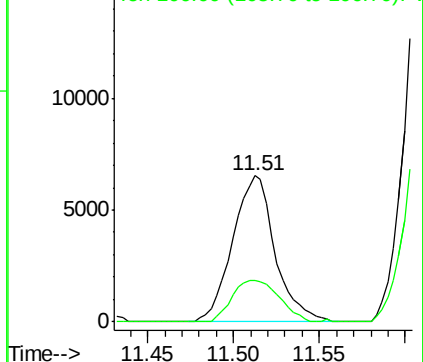
#67
Ethyl Benzene
Concen: 0.330 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

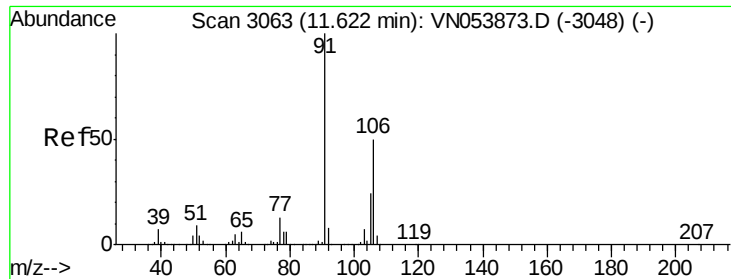
Tgt Ion: 91 Resp: 11190

Ion	Ratio	Lower	Upper
91	100		
106	28.7	25.2	37.8



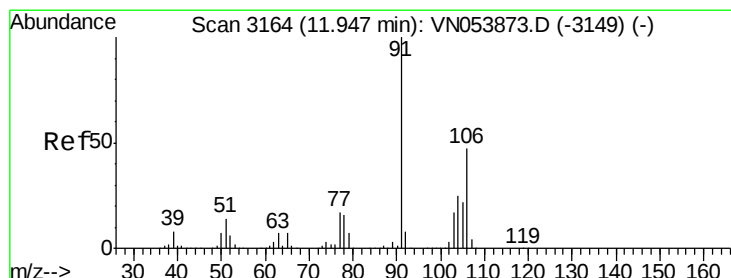
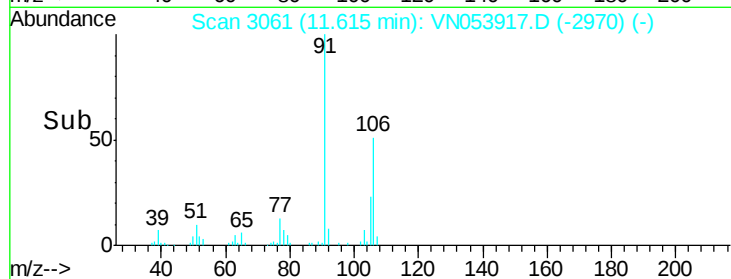
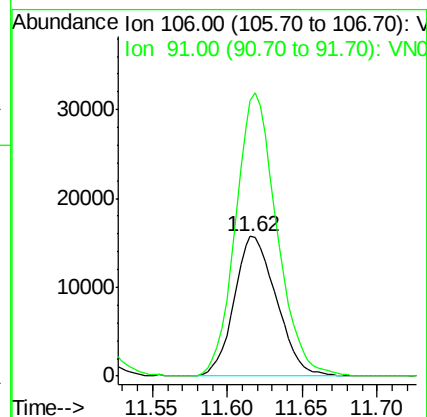
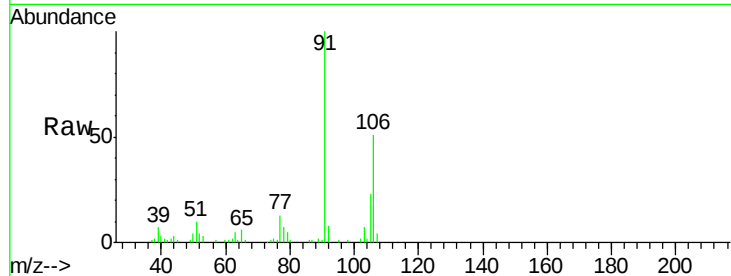
Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





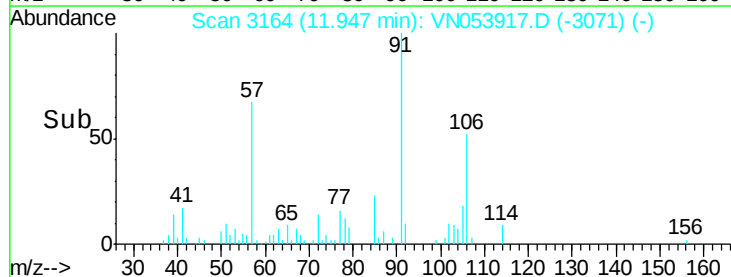
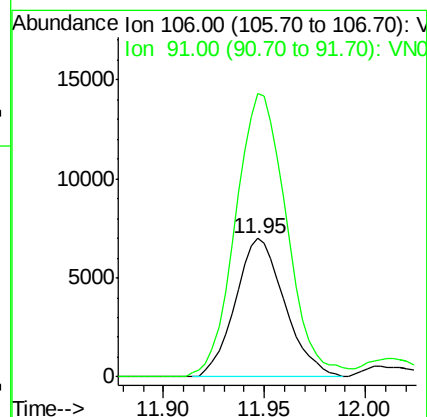
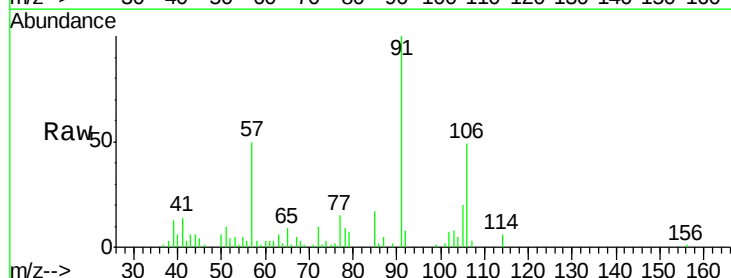
#68
m/p-Xylenes
Concen: 2.354 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

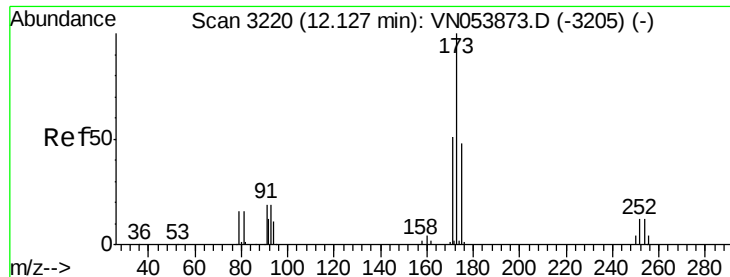
Tot Ion:106 Resp: 30895
Ion Ratio Lower Upper
106 100
91 198.0 158.9 238.3



#69
o-Xylene
Concen: 0.949 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

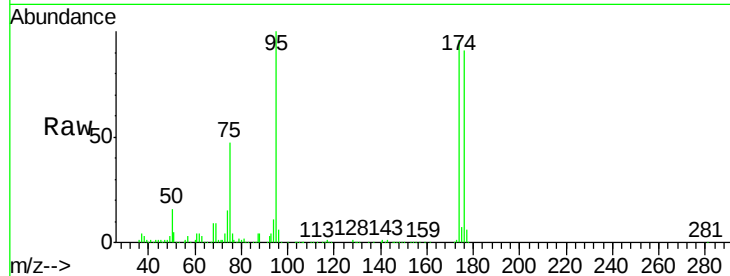
Tgt Ion:106 Resp: 11989
Ion Ratio Lower Upper
106 100
91 212.0 106.0 318.0



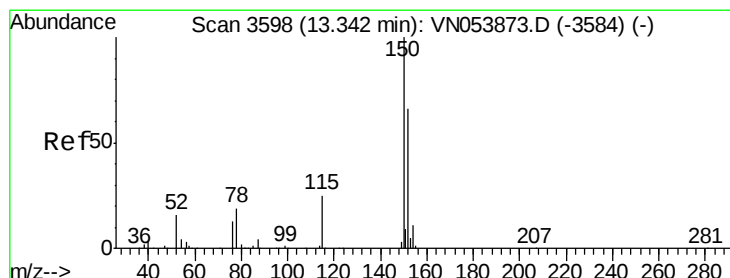
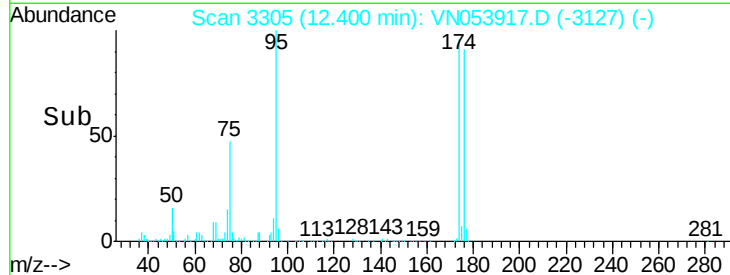
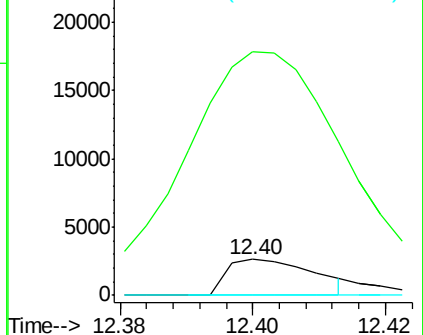


#71
Bromoform
Concen: 0.442 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tot Ion:173 Resp: 2397
Ion Ratio Lower Upper
173 100
175 1106.2 24.3 72.8#
254 0.0 0.2 0.2#

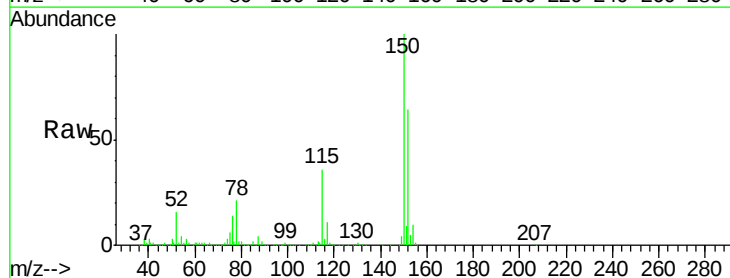


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

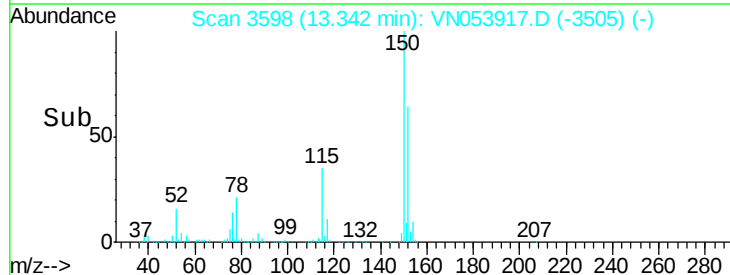
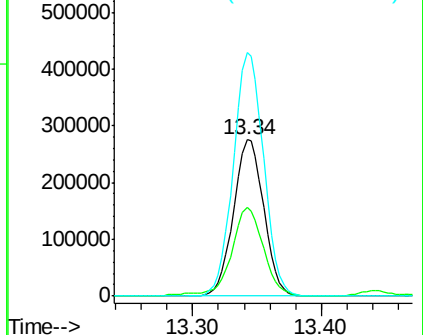


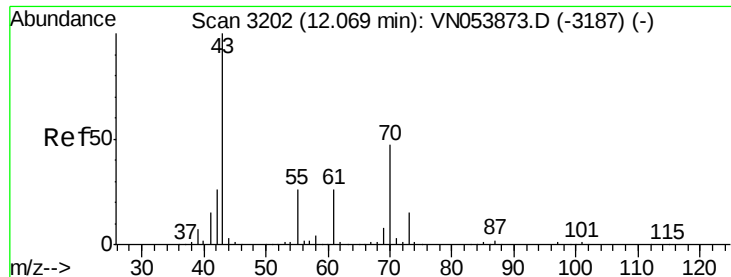
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053917.D
Acq: 22 Feb 2019 15:45

Tgt Ion:152 Resp: 448586
Ion Ratio Lower Upper
152 100
115 59.9 27.2 81.6
150 155.6 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: 2.722 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

Tot Ion: 43 Resp: 19751

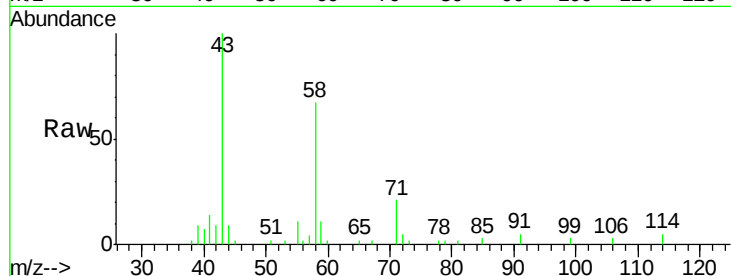
Ion Ratio Lower Upper

43 100

70 0.3 37.4 56.2#

55 4.0 21.4 32.0#

61 0.0 20.9 31.3#

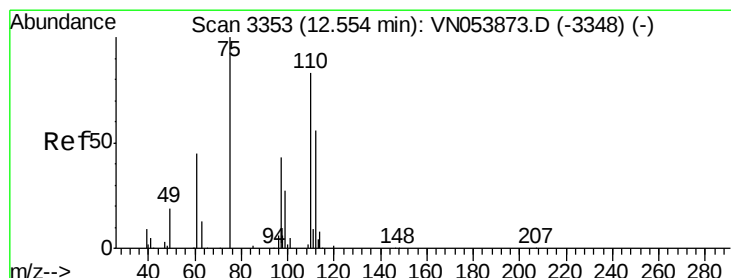
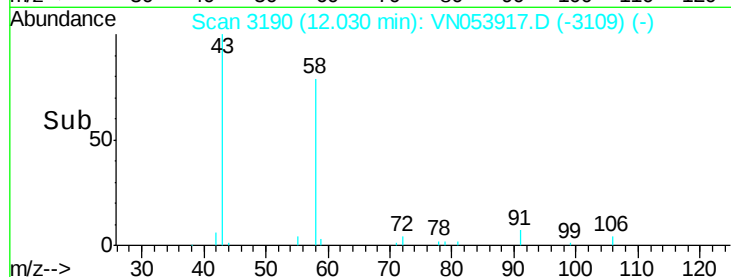
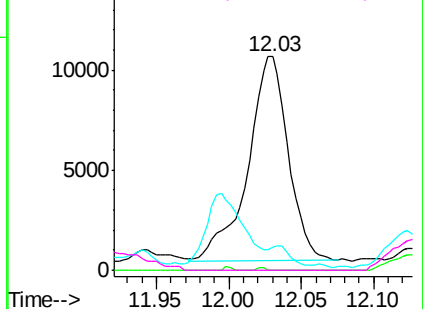


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 31.926 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053917.D

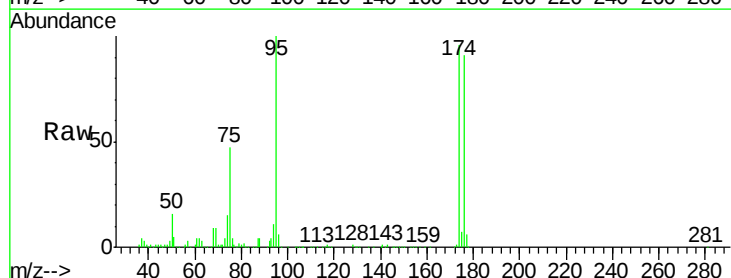
Acq: 22 Feb 2019 15:45

Tgt Ion: 75 Resp: 210244

Ion Ratio Lower Upper

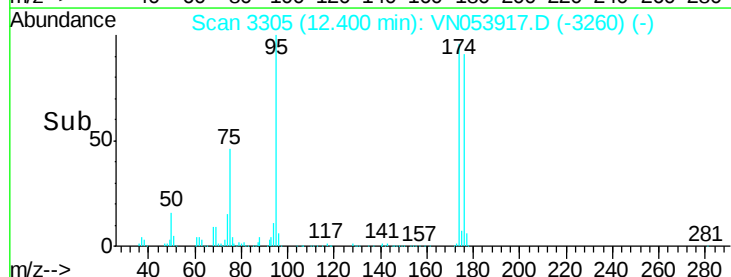
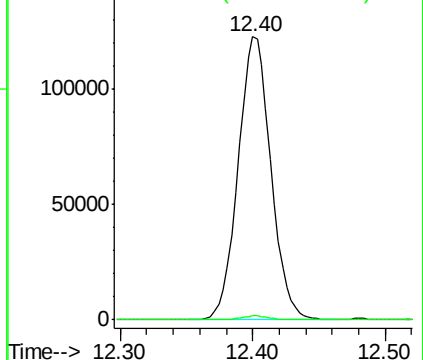
75 100

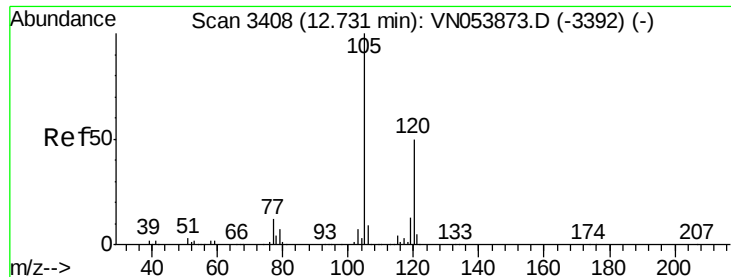
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

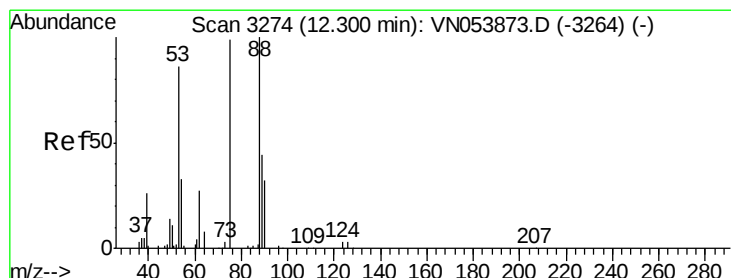
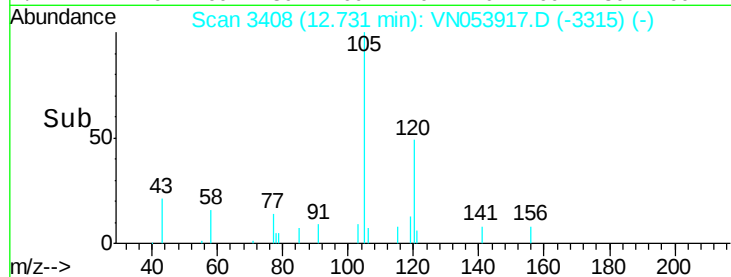
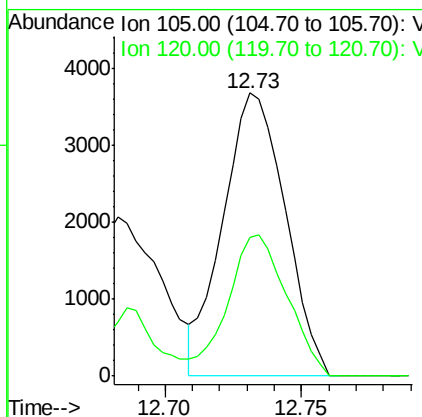
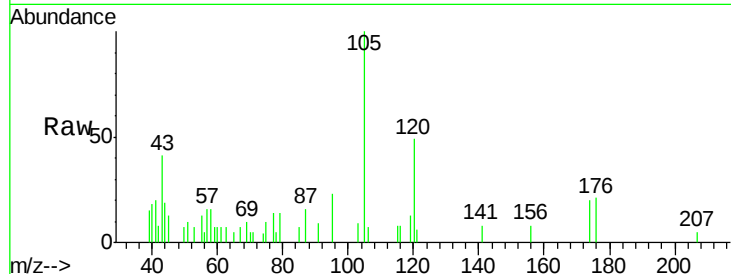
Ion 77.00 (76.70 to 77.70): VN0





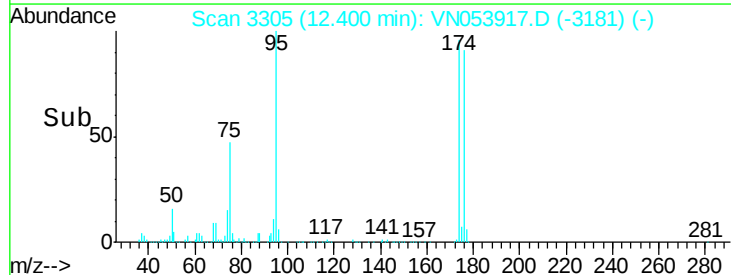
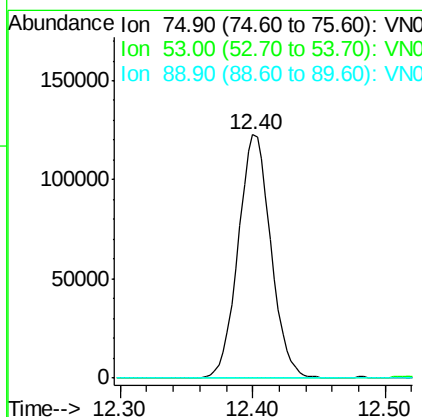
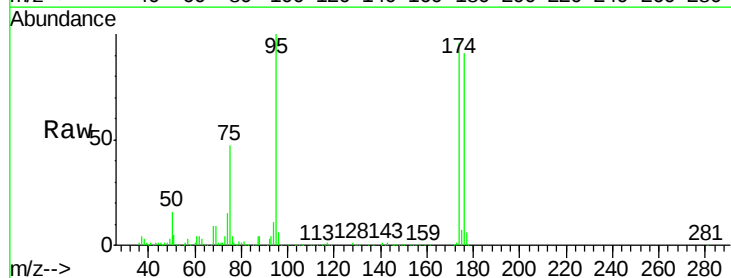
#80
 1,3,5-Trimethylbenzene
 Concen: 0.222 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN053917.D
 Acq: 22 Feb 2019 15:45

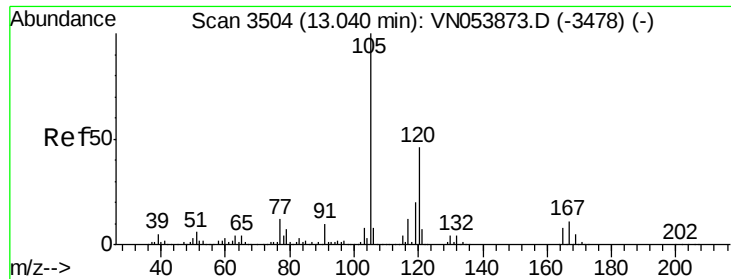
Tot Ion: 105 Resp: 5833
 Ion Ratio Lower Upper
 105 100
 120 47.4 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.398 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053917.D
 Acq: 22 Feb 2019 15:45

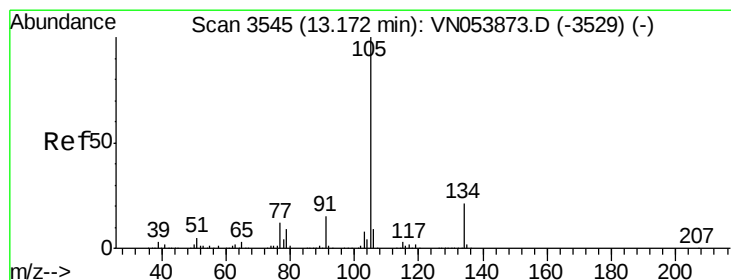
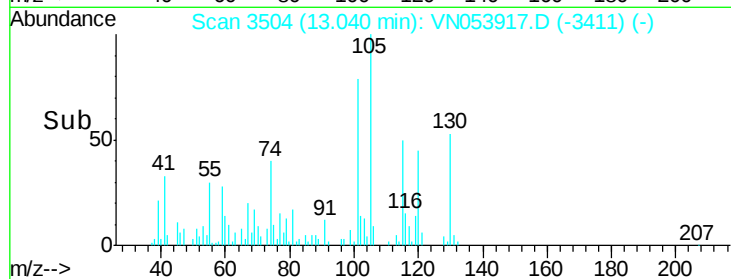
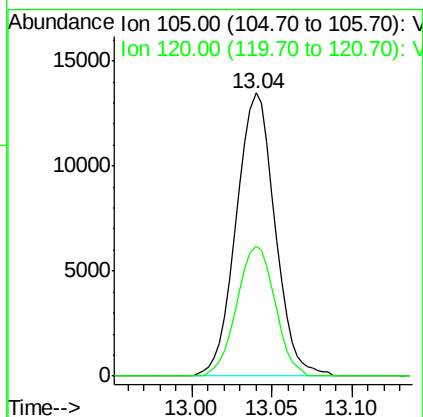
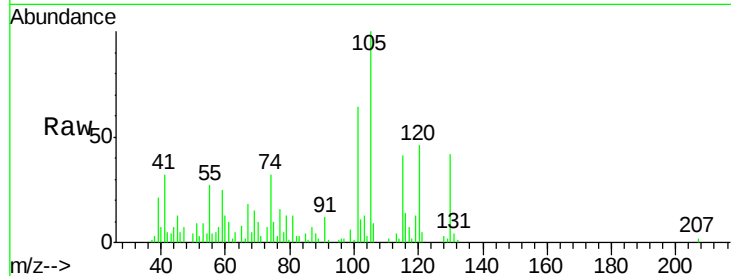
Tgt Ion: 75 Resp: 210244
 Ion Ratio Lower Upper
 75 100
 53 0.2 68.6 102.8#
 89 0.0 35.3 52.9#





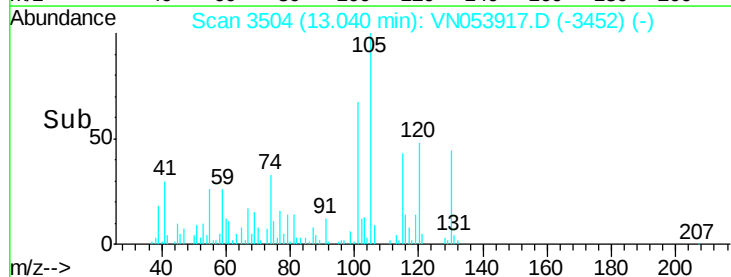
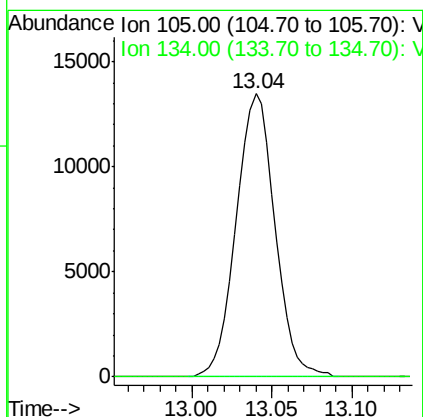
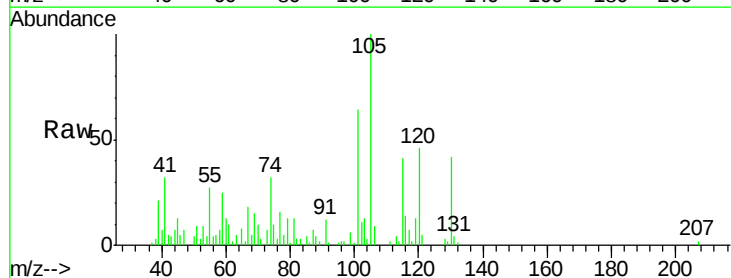
#84
 1,2,4-Trimethylbenzene
 Concen: 0.844 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053917.D
 Acq: 22 Feb 2019 15:45

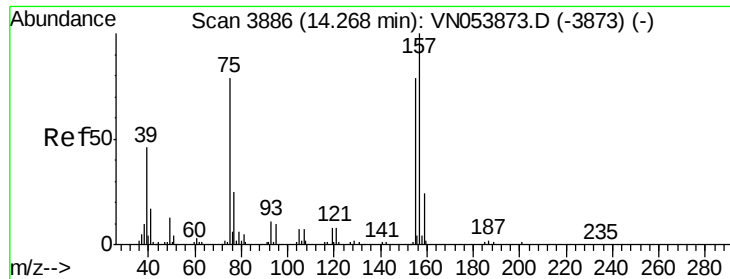
Tot Ion:105 Resp: 22208
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 0.700 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053917.D
 Acq: 22 Feb 2019 15:45

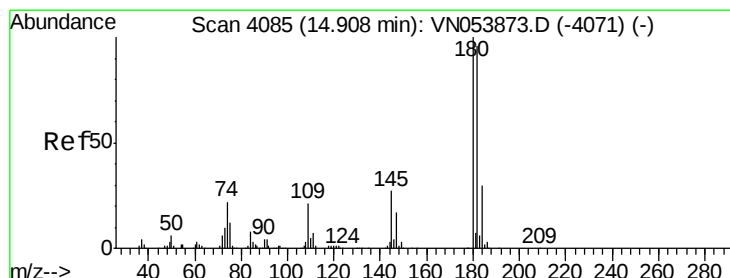
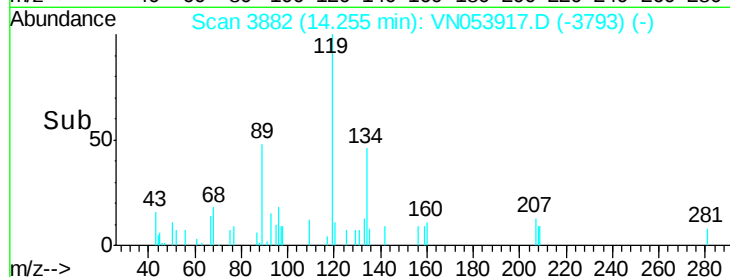
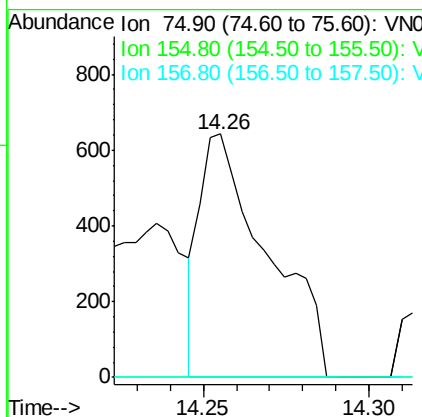
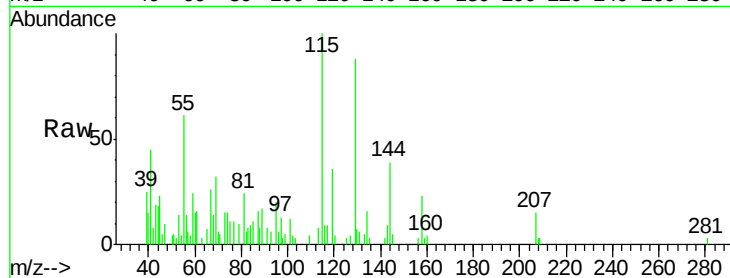
Tgt Ion:105 Resp: 22208
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#





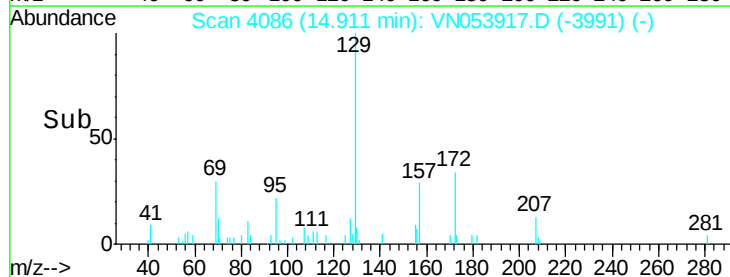
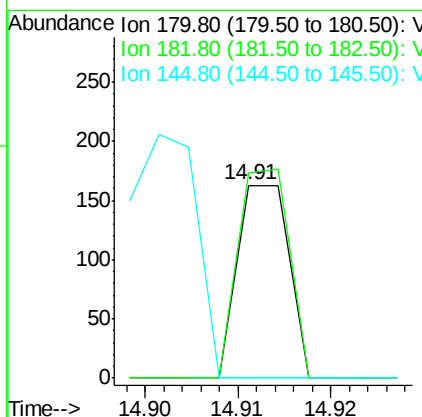
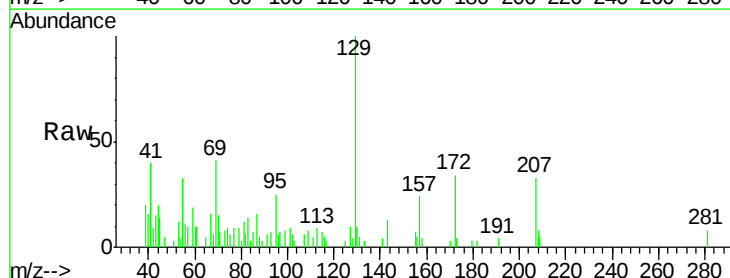
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.832 ug/l
 RT: 14.26 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: VN053917.D
 Acq: 22 Feb 2019 15:45

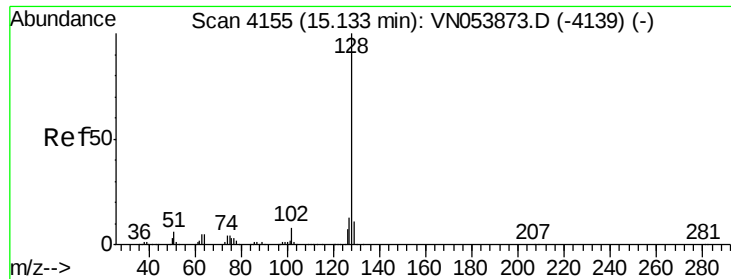
Tot Ion: 75 Resp: 907
 Ion Ratio Lower Upper
 75 100
 155 0.0 49.5 148.5#
 157 0.0 64.8 194.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.933 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053917.D
 Acq: 22 Feb 2019 15:45

Tgt Ion:180 Resp: 63
 Ion Ratio Lower Upper
 180 100
 182 107.9 48.6 145.9
 145 168.3 13.8 41.3#





#95

Naphthalene

Concen: 5.601 ug/l

RT: 15.13 min Scan# 4155

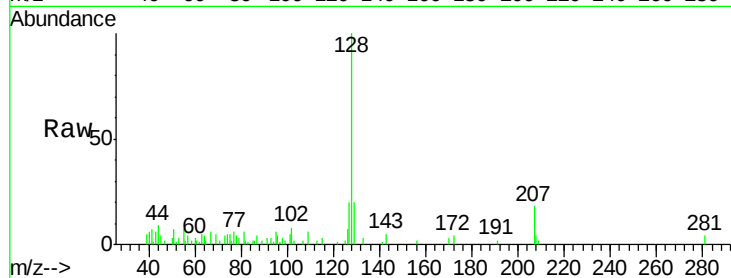
Delta R.T. 0.00 min

Lab File: VN053917.D

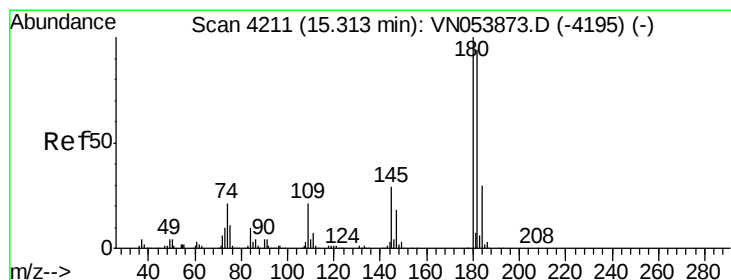
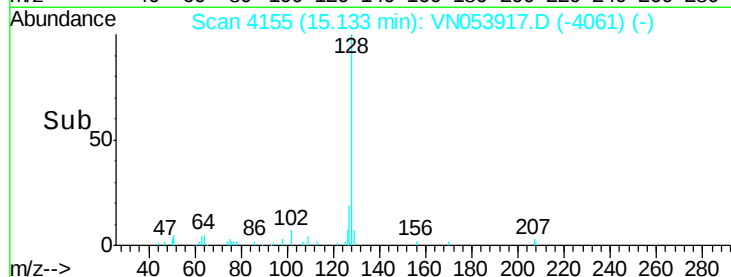
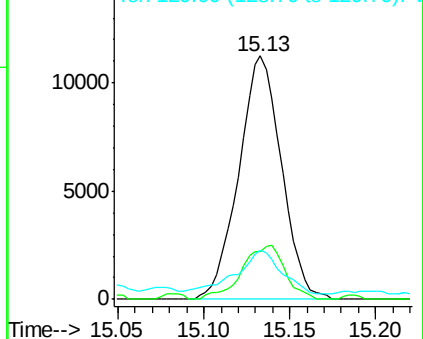
Acq: 22 Feb 2019 15:45

Tot Ion:128 Resp: 19383

Ion	Ratio	Lower	Upper
128	100		
127	22.4	10.2	15.2#
129	18.9	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: 2.567 ug/l

RT: 15.32 min Scan# 4214

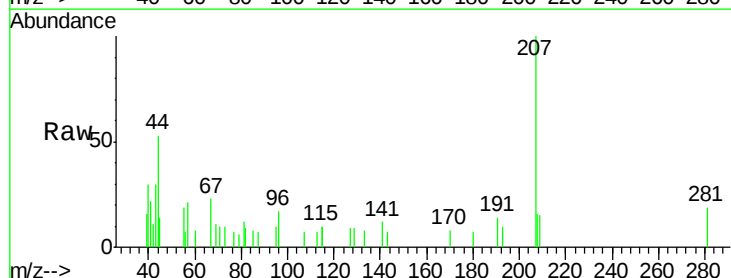
Delta R.T. 0.01 min

Lab File: VN053917.D

Acq: 22 Feb 2019 15:45

Tgt Ion:180 Resp: 30

Ion	Ratio	Lower	Upper
180	100		
182	216.7	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

