

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055673.D
 Acq On : 20 May 2019 14:51
 Operator : JC/SP
 Sample : K2922-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 21 04:36:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	439291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	618390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	524230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	199374	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
35) Dibromofluoromethane	7.59	113	188492	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.09	98	712666	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	221997	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.78	59	289	0.322	ug/l #	74
13) Acrolein	3.63	56	59	1.490	ug/l #	76
14) Allyl chloride	4.55	41	5470	0.845	ug/l #	26
16) Acetone	3.82	43	19168	9.754	ug/l	94
18) Methyl Acetate	4.33	43	3931	0.933	ug/l #	72
20) Methylene Chloride	4.55	84	155443	34.660	ug/l	98
25) 2-Butanone	6.85	43	5571	2.027	ug/l	100
29) Tetrahydrofuran	7.21	42	1095	0.602	ug/l #	39
30) Chloroform	7.37	83	2857	0.370	ug/l	97
31) Cyclohexane	7.67	56	5918	0.829	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	25199	4.571	ug/l #	49
37) Ethyl Acetate	6.85	43	5571	1.120	ug/l #	67
38) Carbon Tetrachloride	7.67	117	36292	6.160	ug/l #	16
41) Methacrylonitrile	7.21	41	813	0.382	ug/l #	100
43) Isopropyl Acetate	8.18	43	17802	2.057	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	1074	0.251	ug/l #	43
48) Methyl methacrylate	9.18	41	7854	2.030	ug/l #	19
51) 4-Methyl-2-Pentanone	9.98	43	3375	0.665	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	54459	7.882	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	10136	1.528	ug/l #	42
59) 2-Hexanone	10.76	43	126053	35.269	ug/l #	50
67) Ethyl Benzene	11.51	91	4859	0.257	ug/l	96
68) m/p-Xylenes	11.62	106	5302	0.743	ug/l	95
69) o-Xylene	11.95	106	1981	0.284	ug/l	100
71) Bromoform	12.40	173	1630	0.451	ug/l #	1
73) Isopropylbenzene	12.25	105	987	Below Cal		82
74) N-amyl acetate	11.88	43	12302	2.296	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	99896	25.654	ug/l #	100
78) n-propylbenzene	12.59	91	3969	0.234	ug/l	91
79) 2-Chlorotoluene	12.65	91	1145	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	8782	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	99896	65.945	ug/l #	17
83) tert-Butylbenzene	13.04	119	2991	Below Cal	#	81
85) sec-Butylbenzene	13.17	105	805	Below Cal	#	63

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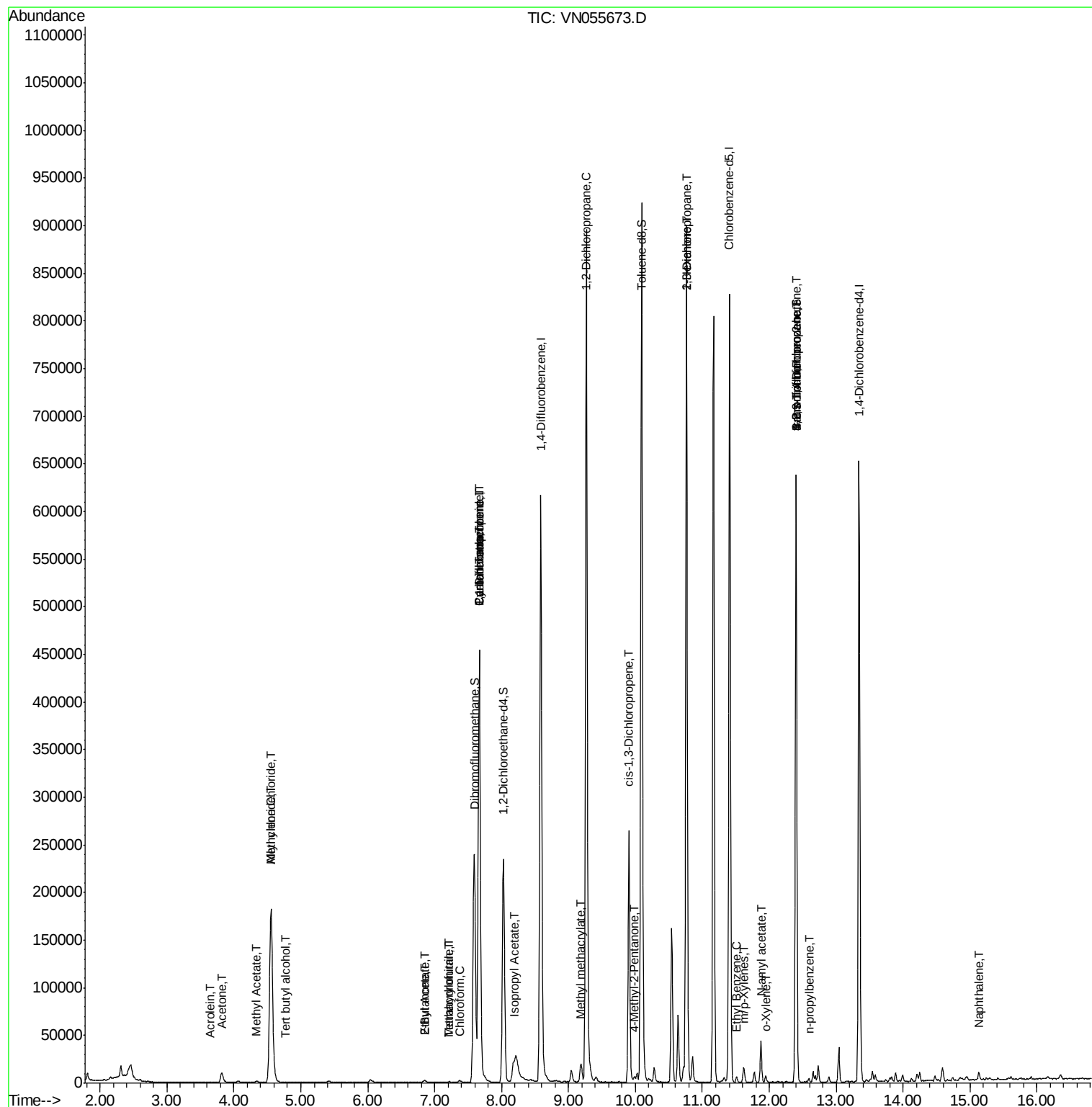
Quant Time: May 21 04:36:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
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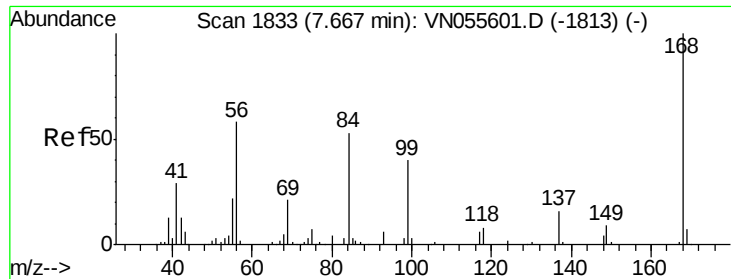
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	613	Below Cal	#	51
90) Hexachloroethane	13.89	117	446	Below Cal	#	3
95) Naphthalene	15.13	128	7857	2.528	ug/l	96

(#) = 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: VN055673.D

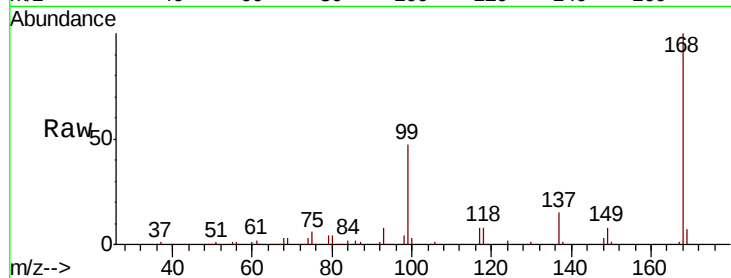
Acq: 20 May 2019 14:51

Tot Ion:168 Resp: 439291

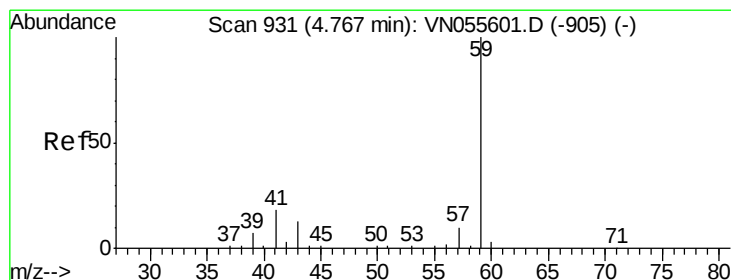
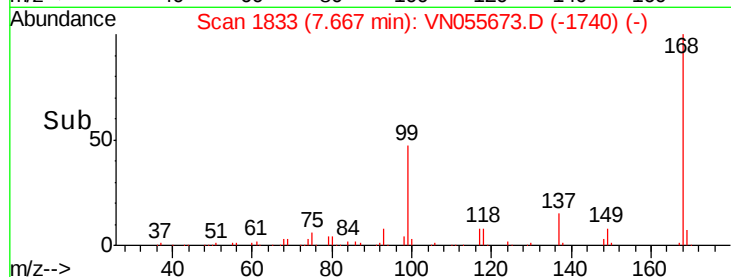
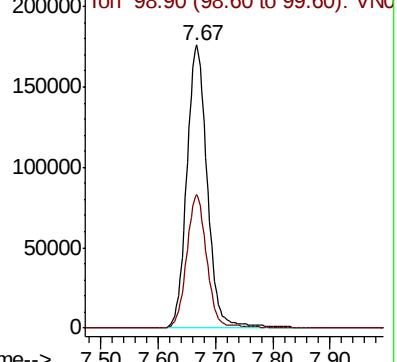
Ion Ratio Lower Upper

168 100

99 47.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055673.D (-1740) (-)



#11

Tert butyl alcohol

Concen: 0.322 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN055673.D

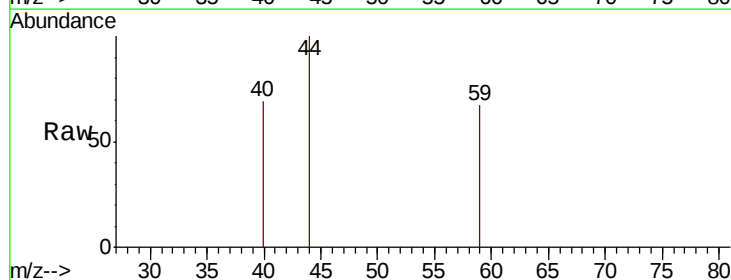
Acq: 20 May 2019 14:51

Tgt Ion: 59 Resp: 289

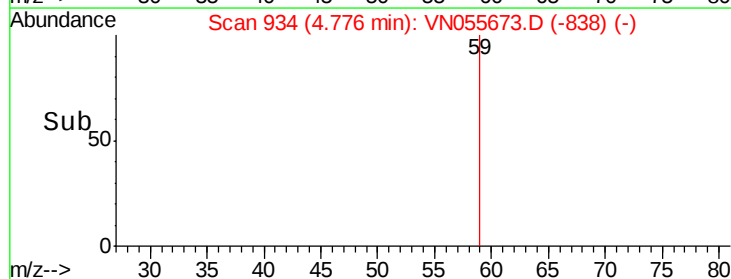
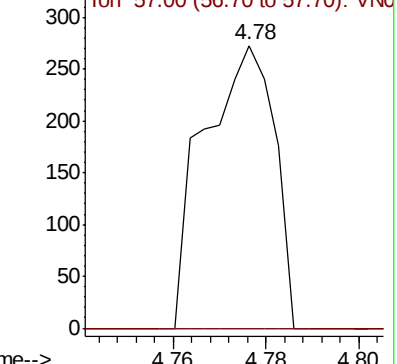
Ion Ratio Lower Upper

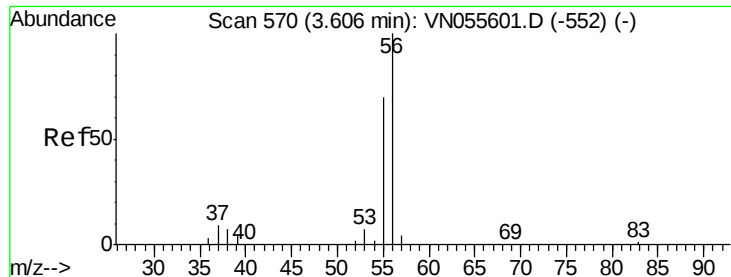
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055673.D (-838) (-)





#13

Acrolein

Concen: 1.490 ug/l

RT: 3.63 min Scan# 577

Delta R.T. 0.02 min

Lab File: VN055673.D

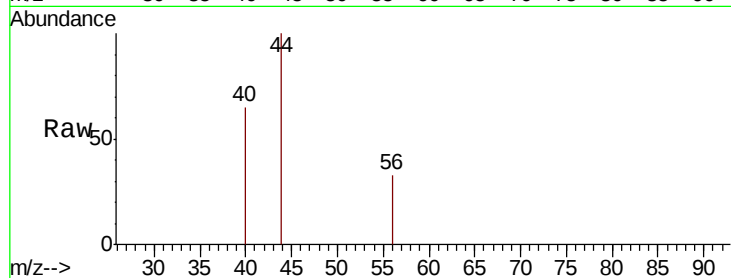
Acq: 20 May 2019 14:51

Tot Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 50.8 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.63

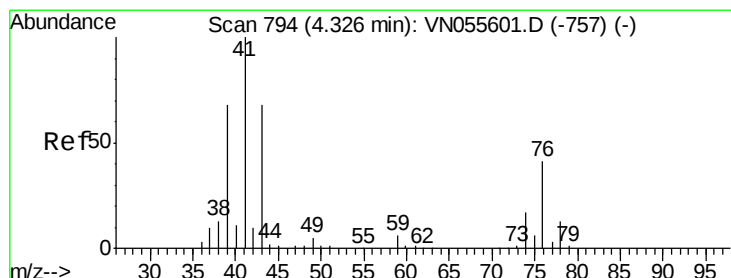
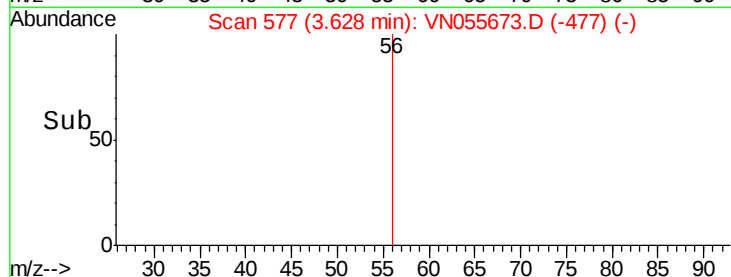
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 0.845 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

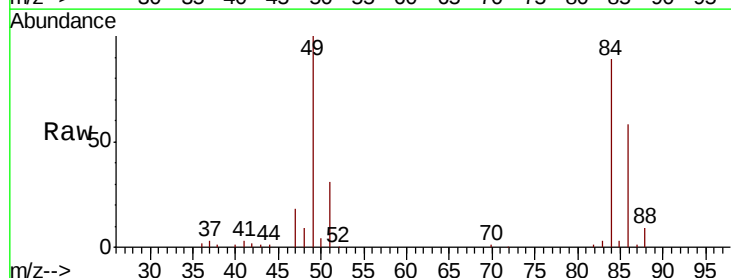
Tgt Ion: 41 Resp: 5470

Ion Ratio Lower Upper

41 100

39 0.0 50.5 75.7#

76 0.0 29.2 43.8#



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

2000

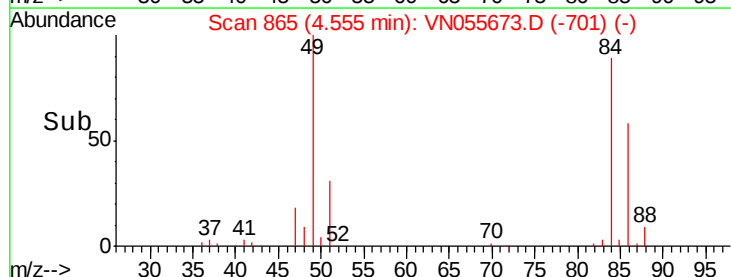
1500

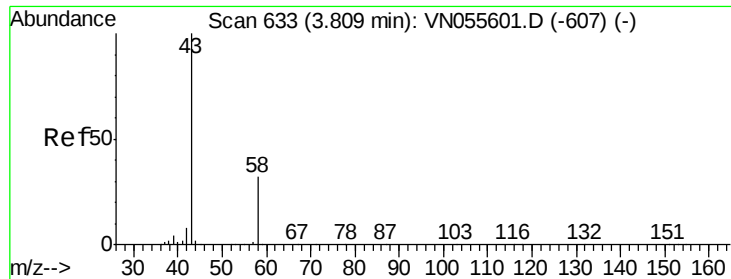
1000

500

0

Time-->





#16

Acetone

Concen: 9.754 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055673.D

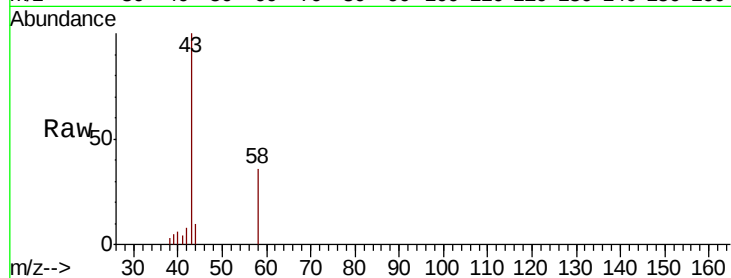
Acq: 20 May 2019 14:51

Tot Ion: 43 Resp: 19168

Ion Ratio Lower Upper

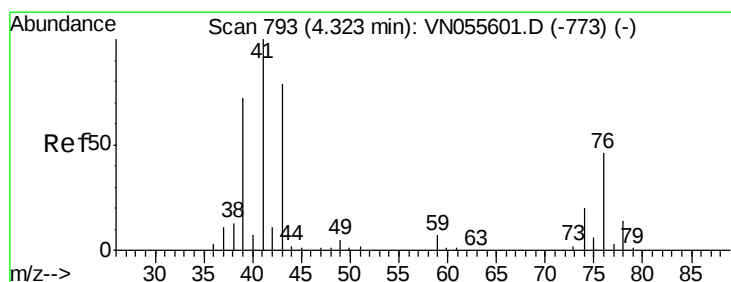
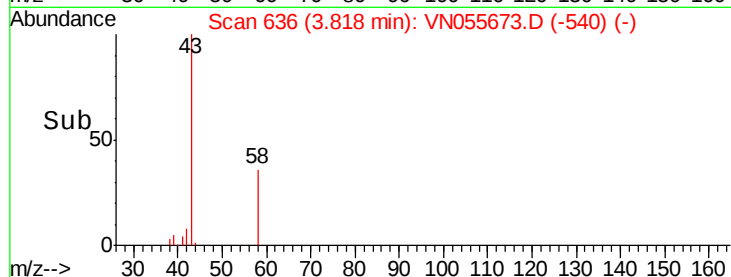
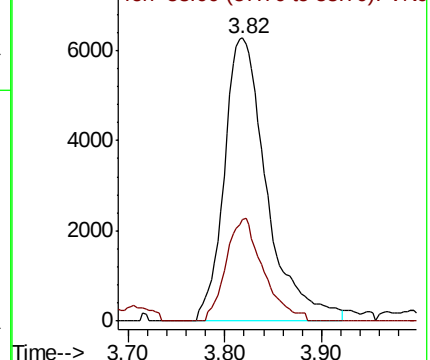
43 100

58 35.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.933 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055673.D

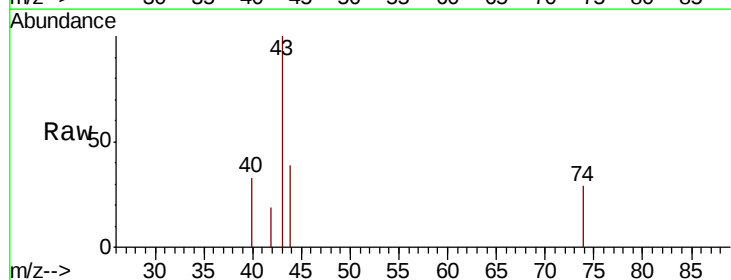
Acq: 20 May 2019 14:51

Tgt Ion: 43 Resp: 3931

Ion Ratio Lower Upper

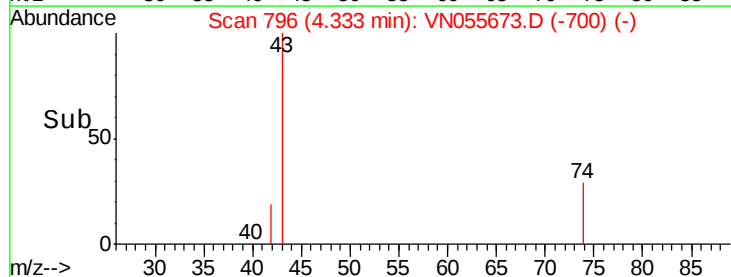
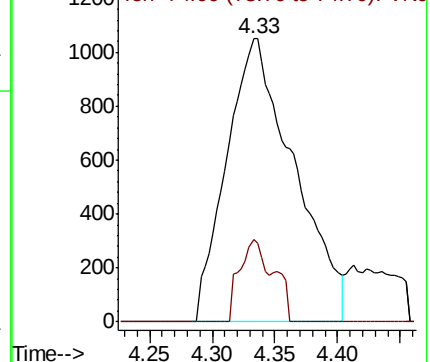
43 100

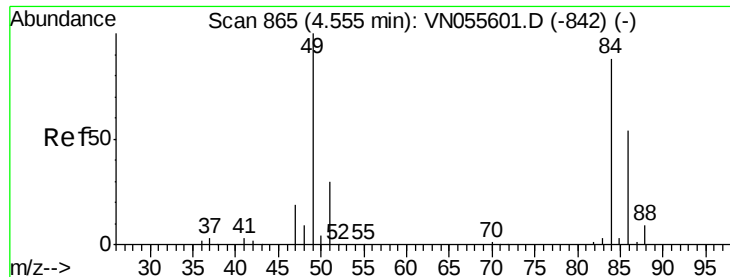
74 11.1 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

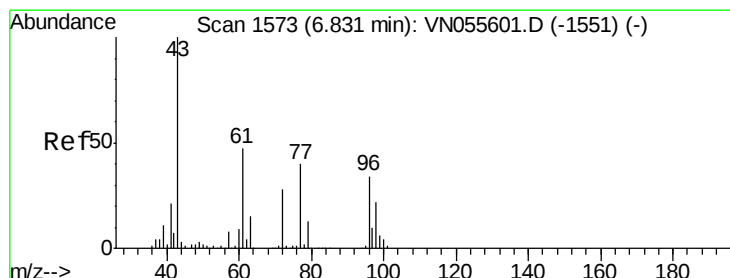
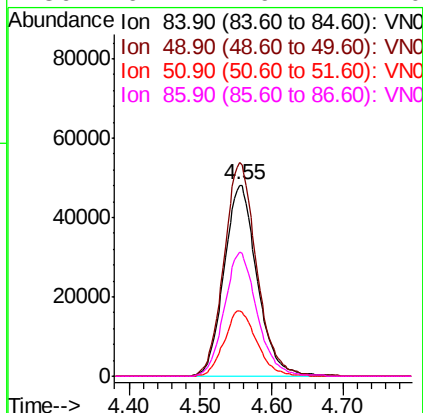
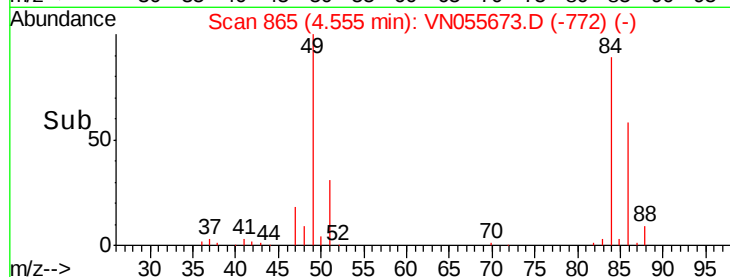
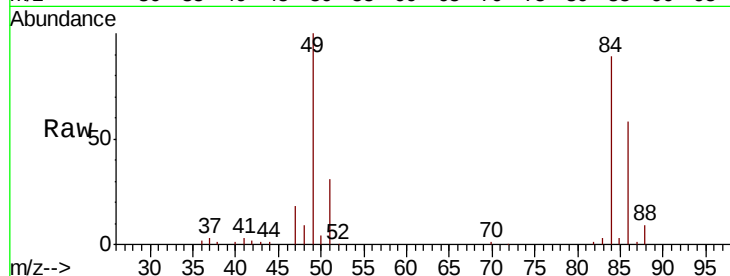
Ion 74.00 (73.70 to 74.70): VN0





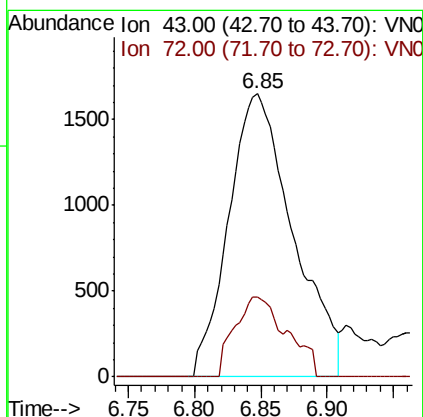
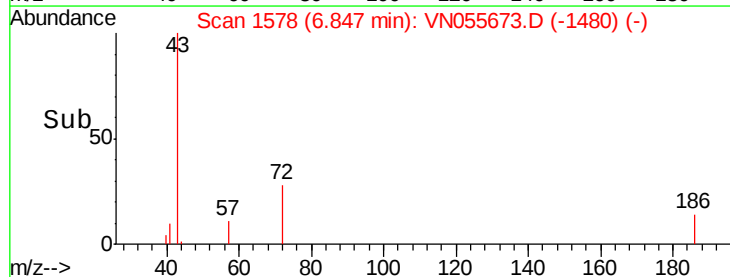
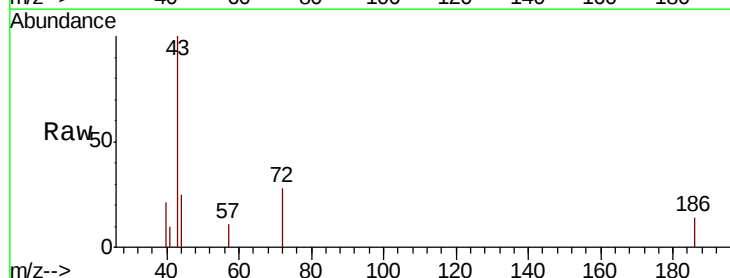
#20
Methvlene Chloride
Concen: 34.660 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

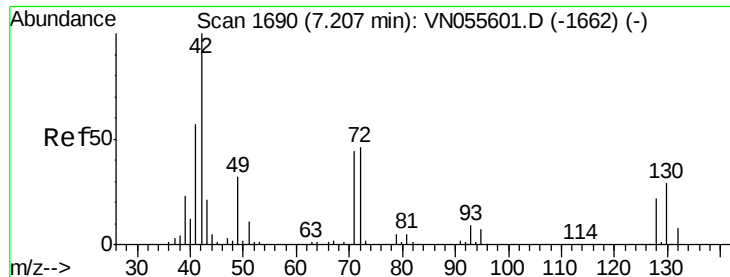
Tot Ion:	84	Resp:	155443
Ion	Ratio	Lower	Upper
84	100		
49	111.9	91.0	136.4
51	34.2	27.5	41.3
86	64.7	49.4	74.0



#25
2-Butanone
Concen: 2.027 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.02 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion:	43	Resp:	5571
Ion	Ratio	Lower	Upper
43	100		
72	28.0	22.3	33.5





#29

Tetrahydrofuran

Concen: 0.602 ug/l

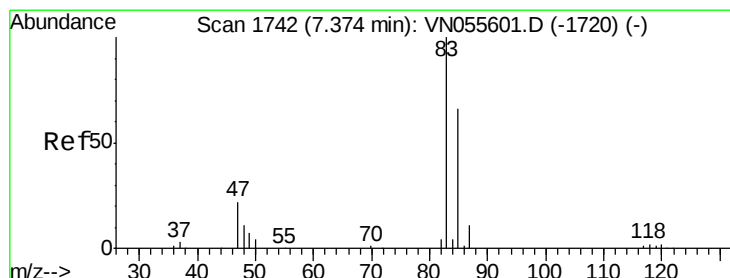
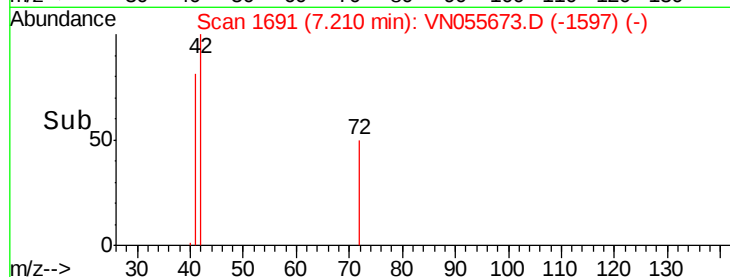
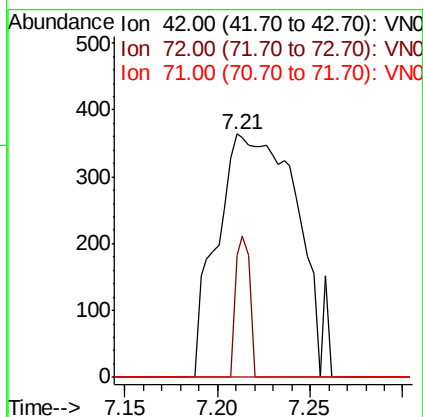
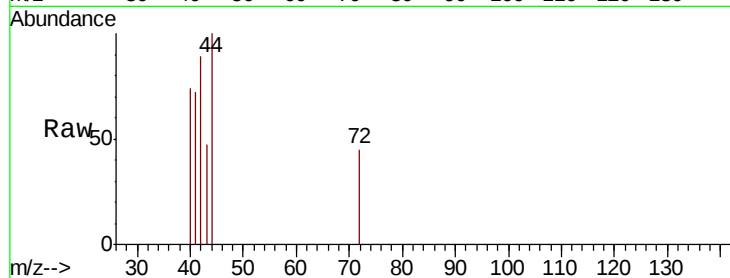
RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

Tot Ion:	42	Resp:	1095
Ion	Ratio	Lower	Upper
42	100		
72	10.1	36.5	54.7#
71	0.0	34.9	52.3#



#30

Chloroform

Concen: 0.370 ug/l

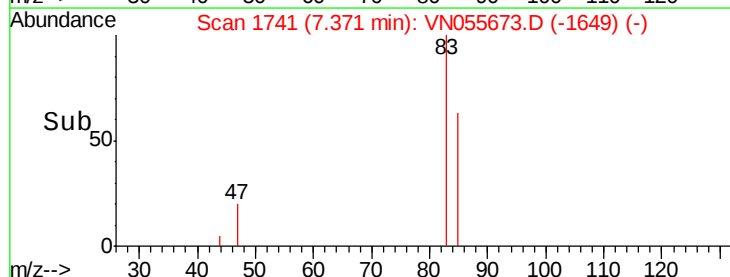
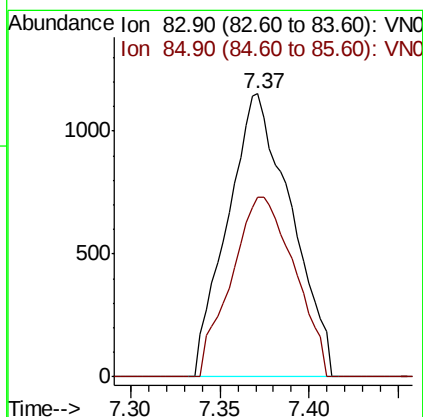
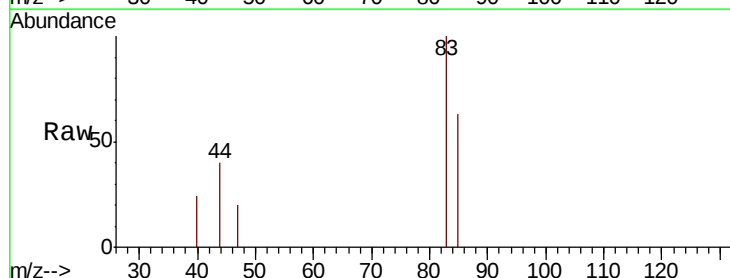
RT: 7.37 min Scan# 1741

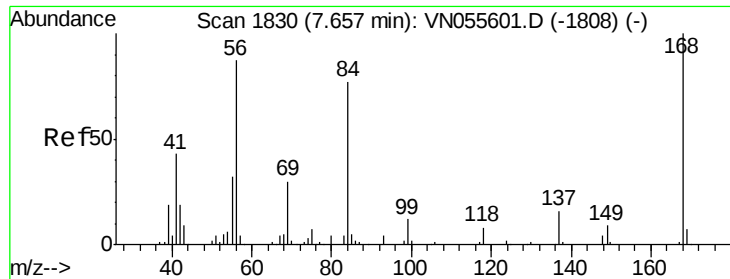
Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

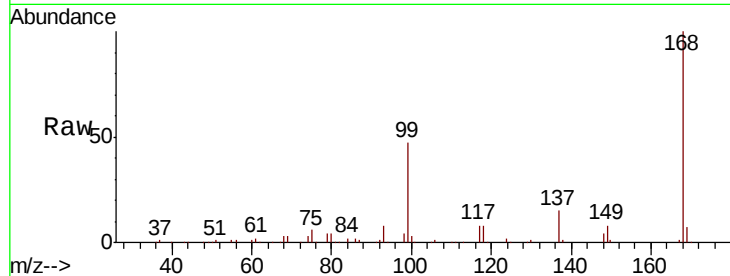
Tgt Ion:	83	Resp:	2857
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.6	78.8



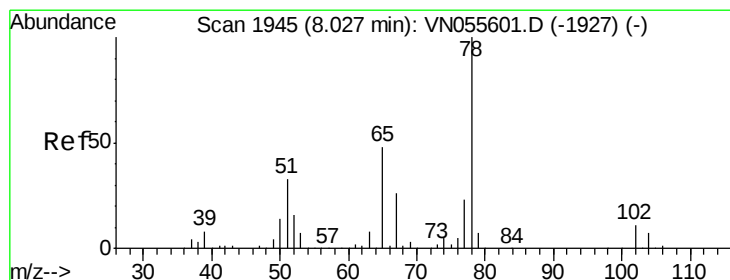
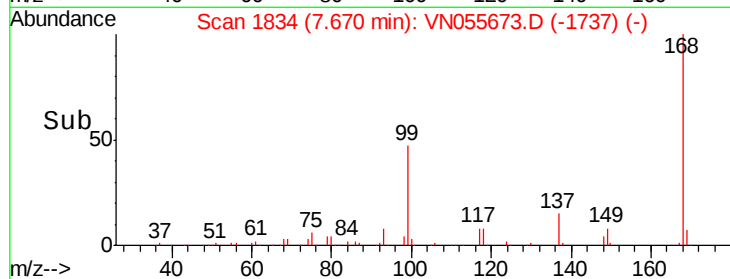
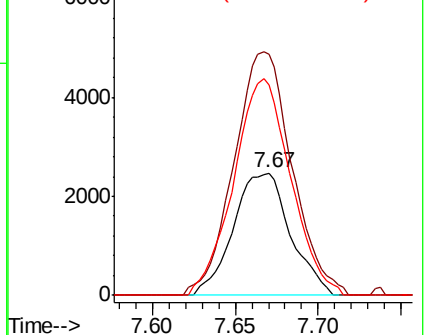


#31
Cyclohexane
Concen: 0.829 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tot Ion: 56 Resp: 5918
Ion Ratio Lower Upper
56 100
69 190.9 27.2 40.8#
84 172.2 71.3 106.9#

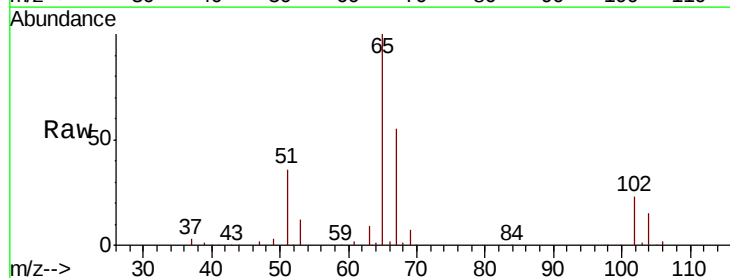


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

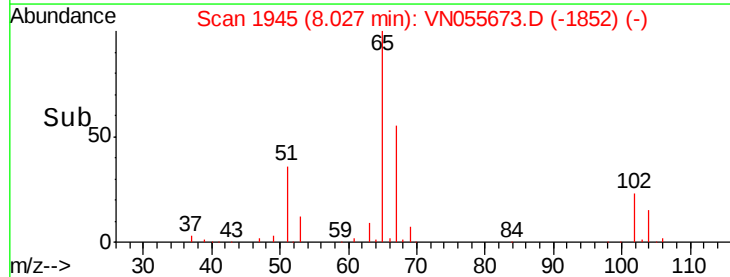
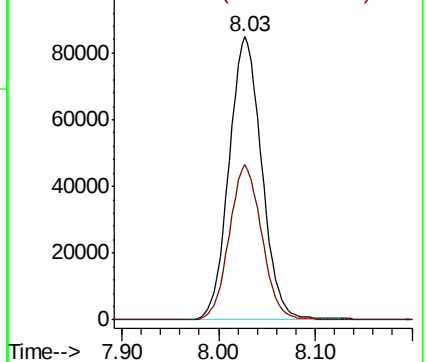


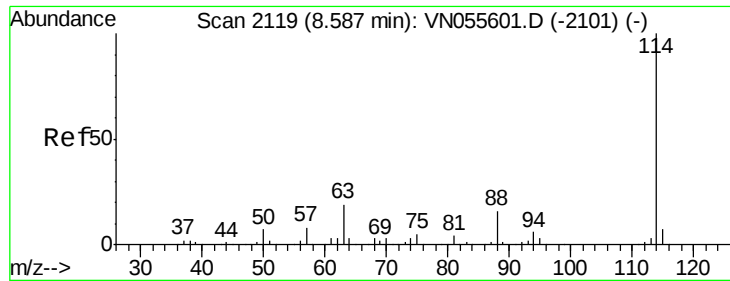
#33
1,2-Dichloroethane-d4
Concen: 41.402 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion: 65 Resp: 199374
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.6



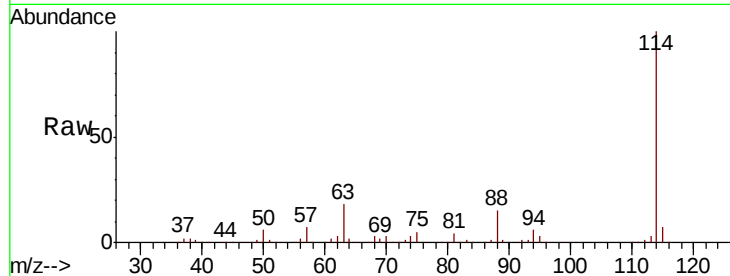
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



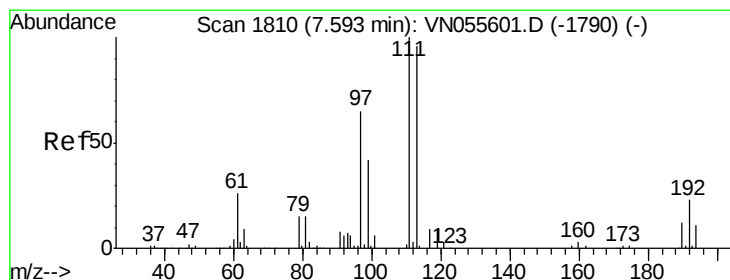
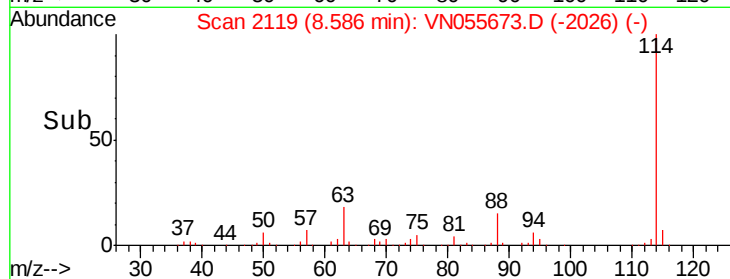
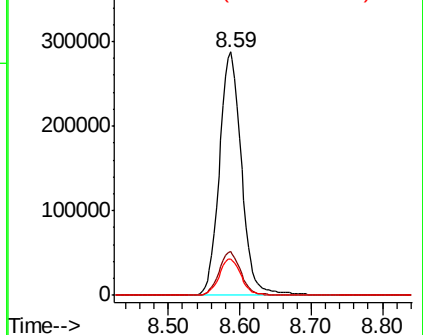


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055673.D
 Acq: 20 May 2019 14:51

Tot Ion:	114	Resp:	618390
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.2
88	15.1	0.0	31.0

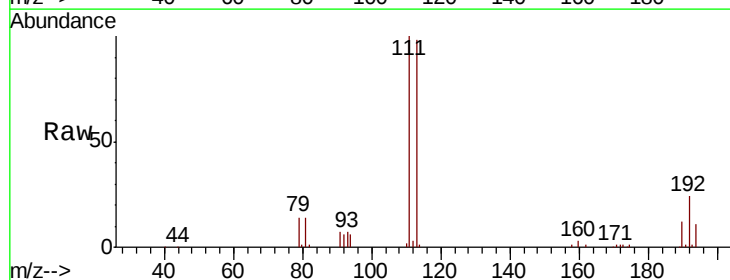


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

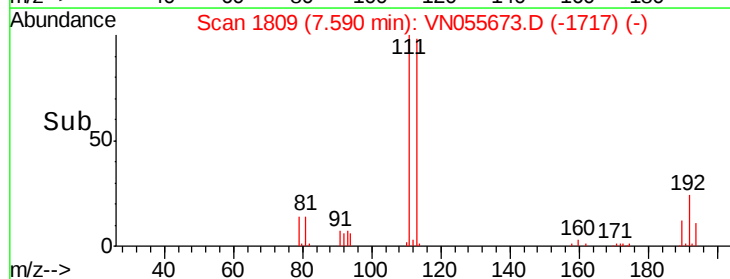
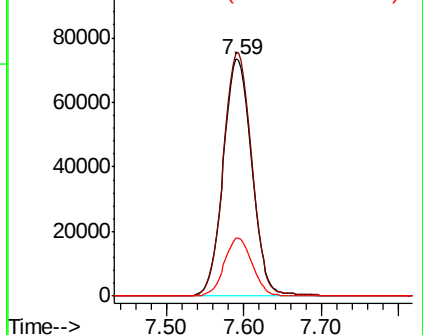


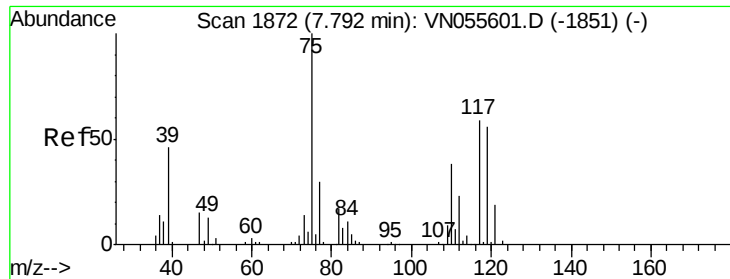
#35
 Dibromofluoromethane
 Concen: 47.983 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055673.D
 Acq: 20 May 2019 14:51

Tgt Ion:	113	Resp:	188492
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.5	123.7
192	23.9	18.7	28.1



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: 4.571 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

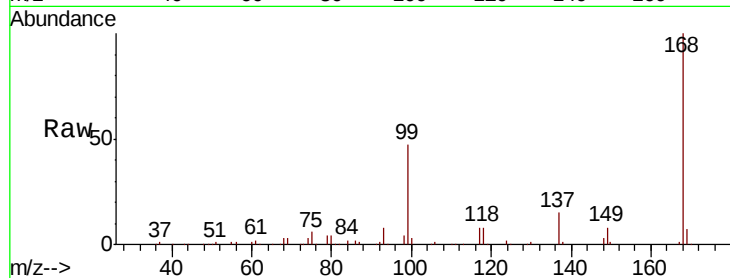
Tot Ion: 75 Resp: 25199

Ion Ratio Lower Upper

75 100

110 9.0 18.6 55.6#

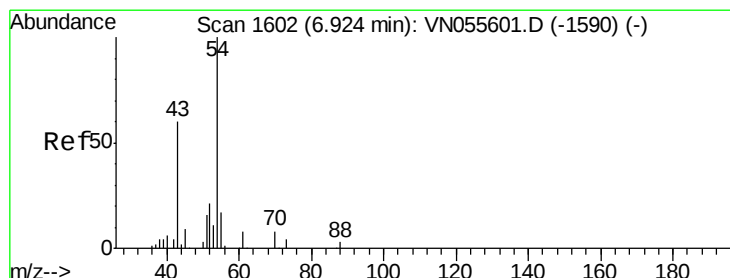
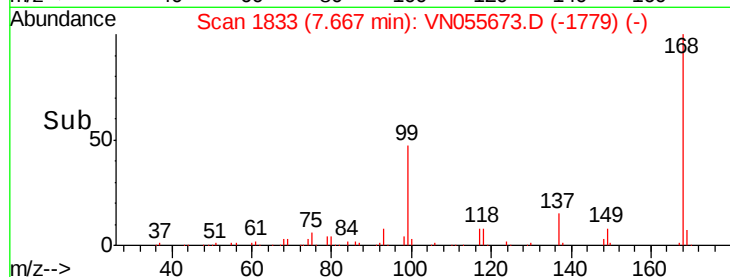
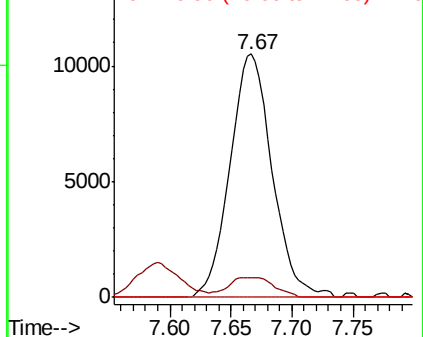
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1.120 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.08 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

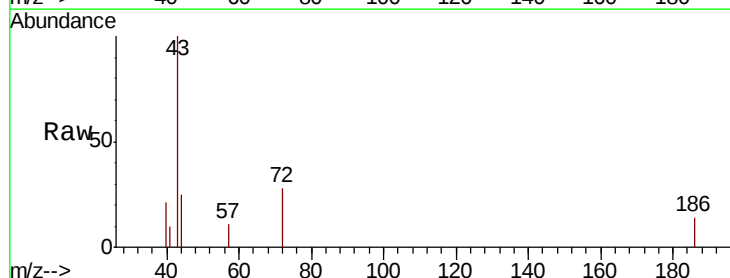
Tgt Ion: 43 Resp: 5571

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

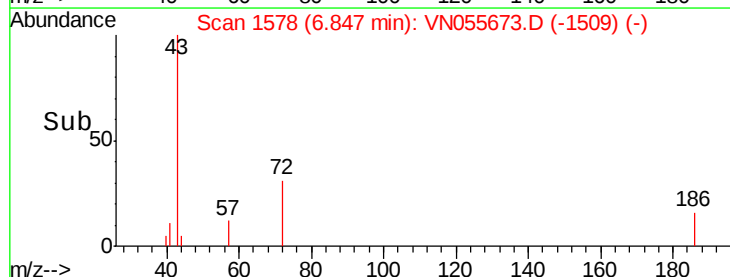
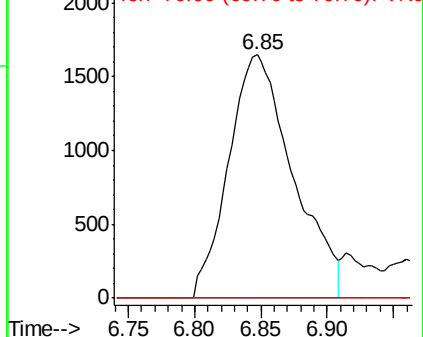
70 0.0 9.2 13.8#

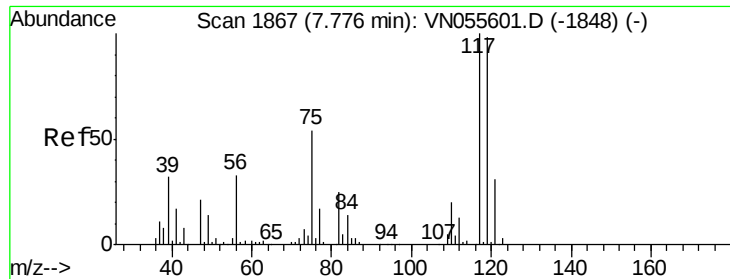


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.160 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

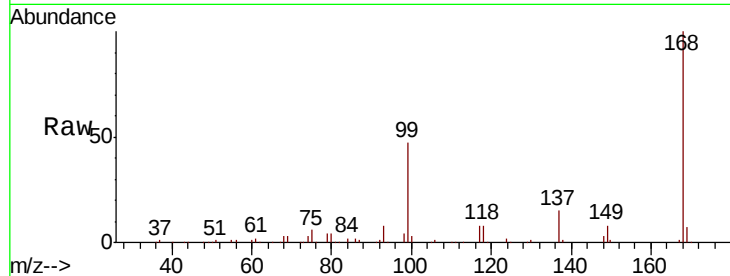
Tot Ion: 117 Resp: 36292

Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.8#

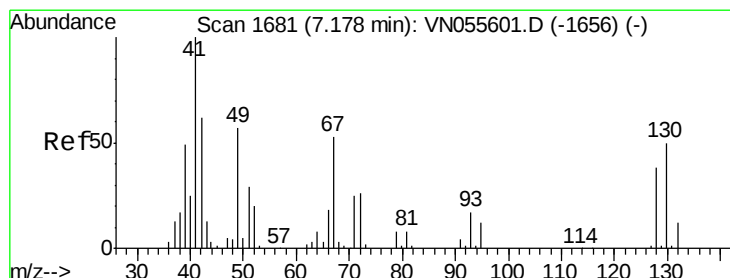
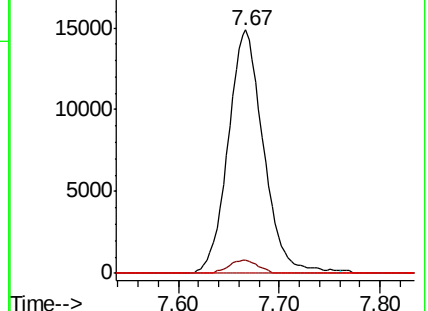
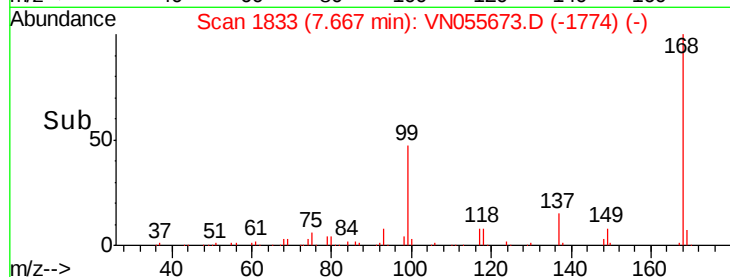
121 0.0 24.6 37.0#



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



#41

Methacrylonitrile

Concen: 0.382 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

Tgt Ion: 41 Resp: 813

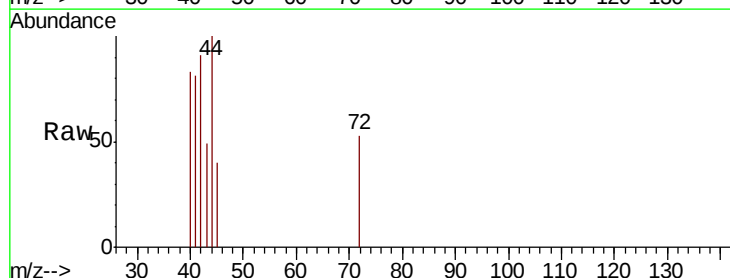
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

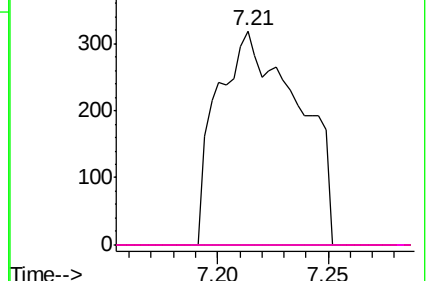
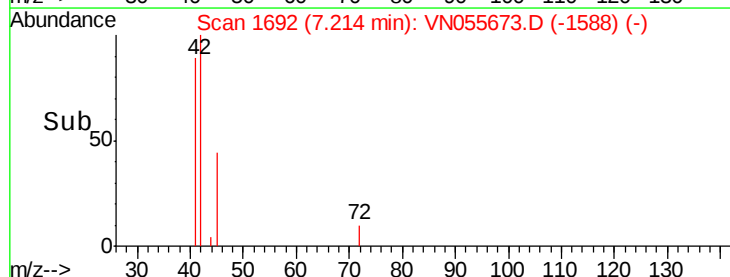


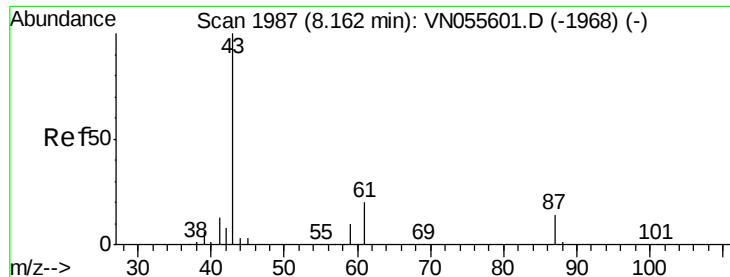
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.057 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

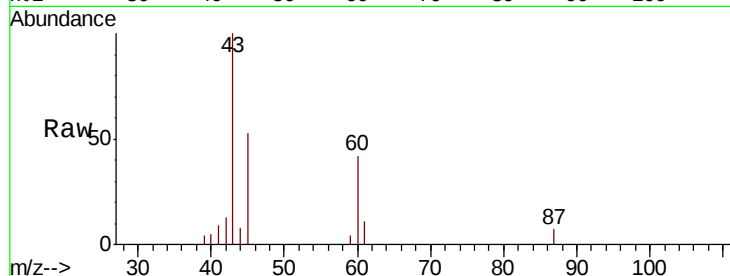
Tot Ion: 43 Resp: 17802

Ion Ratio Lower Upper

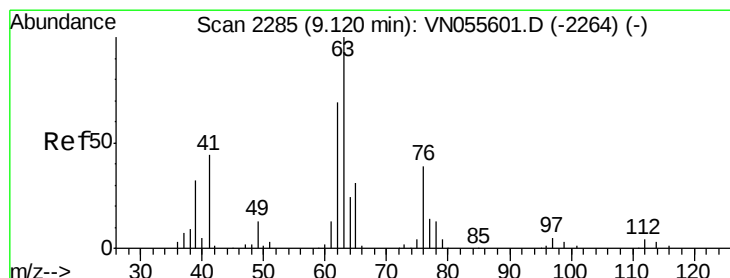
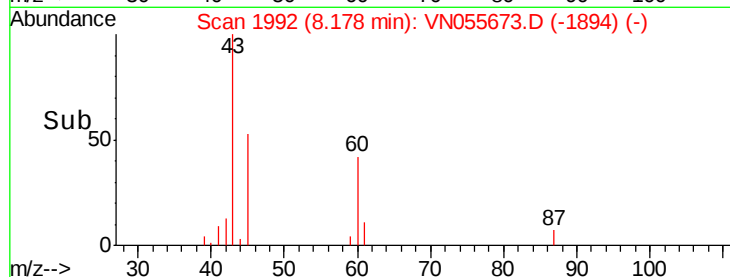
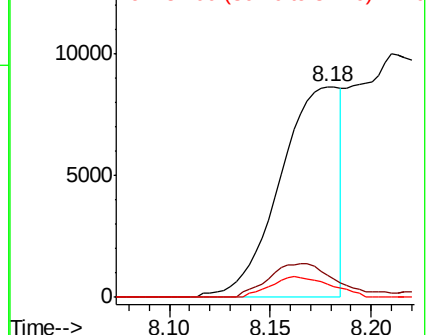
43 100

61 18.3 22.1 33.1#

87 9.9 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.251 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055673.D

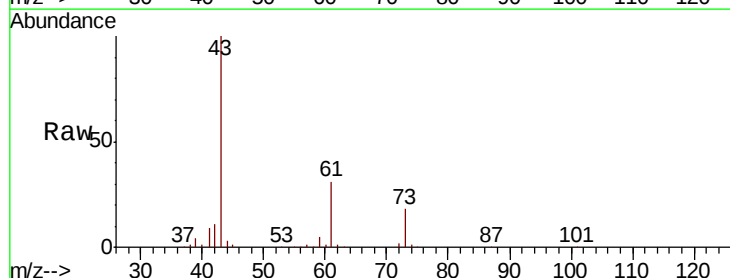
Acq: 20 May 2019 14:51

Tgt Ion: 63 Resp: 1074

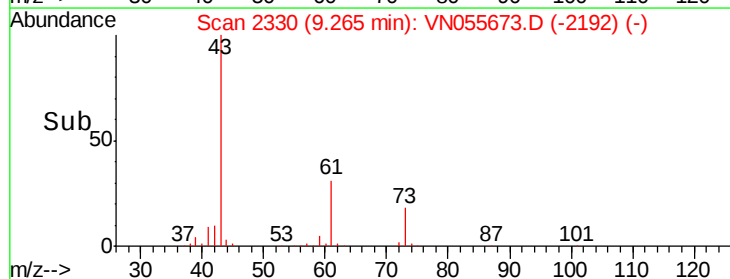
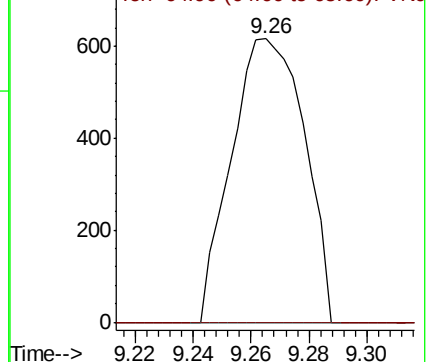
Ion Ratio Lower Upper

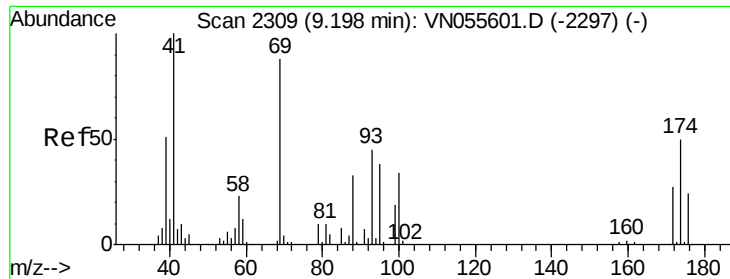
63 100

65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0





#48

Methvl methacrylate

Concen: 2.030 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

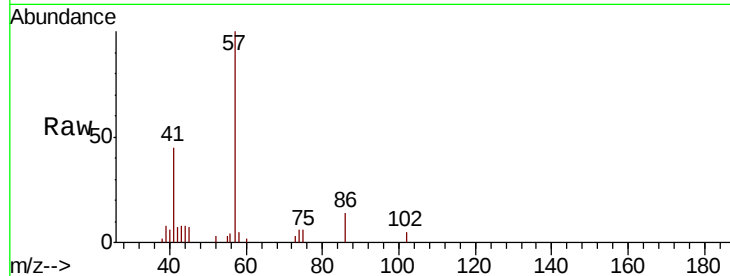
Tot Ion: 41 Resp: 7854

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

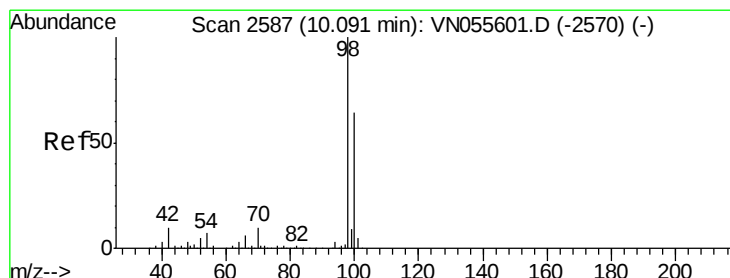
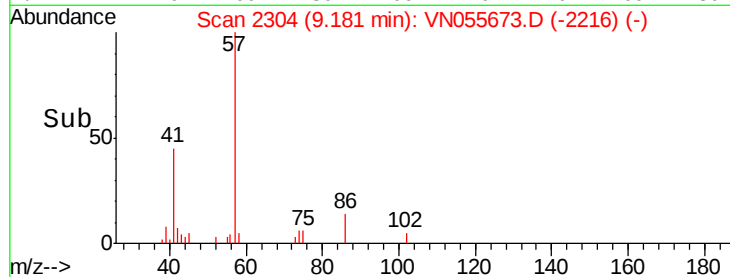
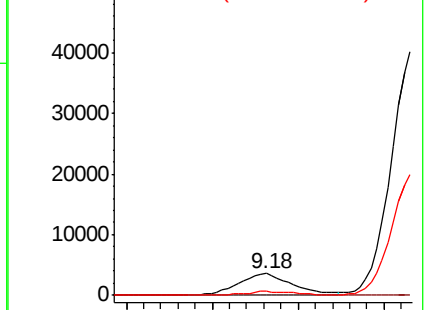
39 16.4 43.8 65.8#



Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)



#50

Toluene-d8

Concen: 47.980 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055673.D

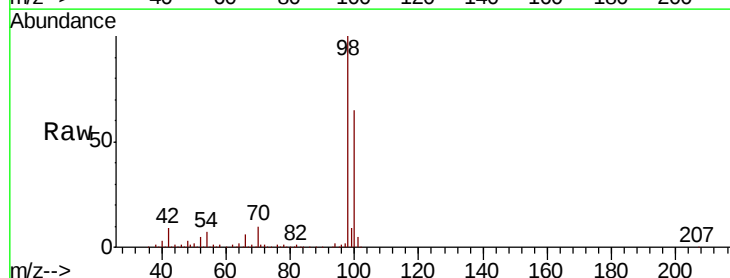
Acq: 20 May 2019 14:51

Tgt Ion: 98 Resp: 712666

Ion Ratio Lower Upper

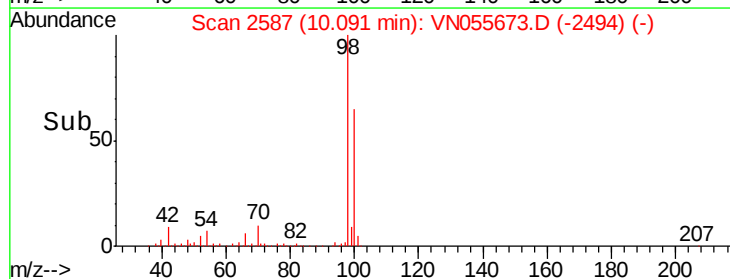
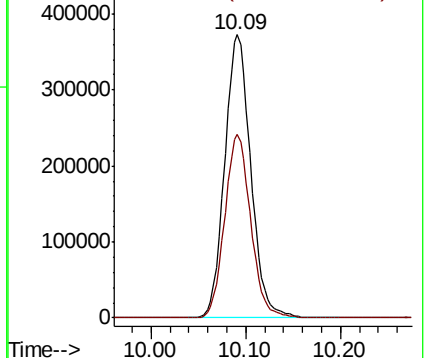
98 100

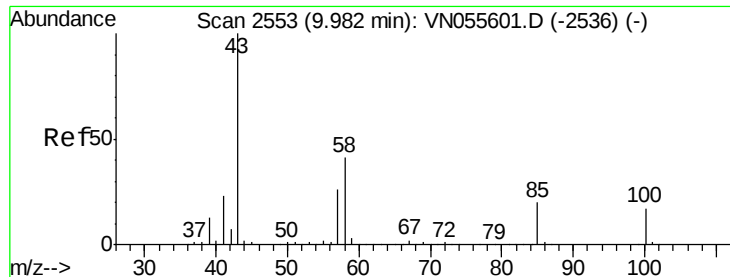
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.665 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055673.D

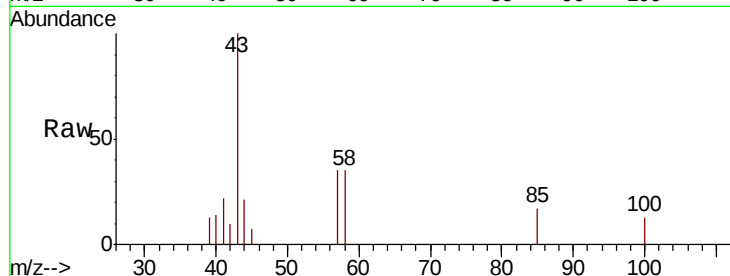
Acq: 20 May 2019 14:51

Tot Ion: 43 Resp: 3375

Ion Ratio Lower Upper

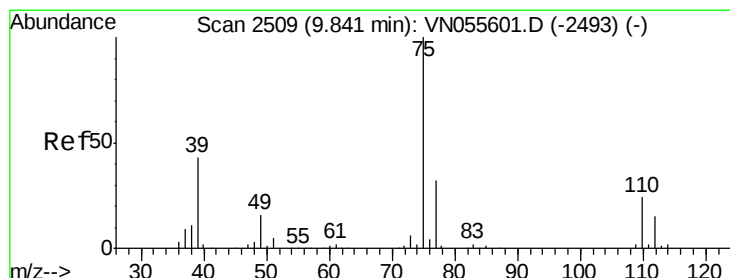
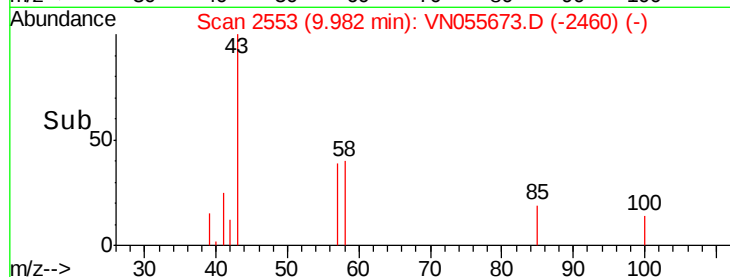
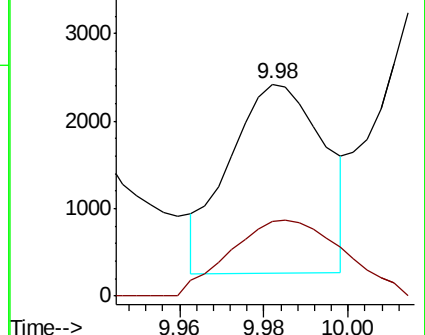
43 100

58 48.2 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)



#54

cis-1,3-Dichloropropene

Concen: 7.882 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

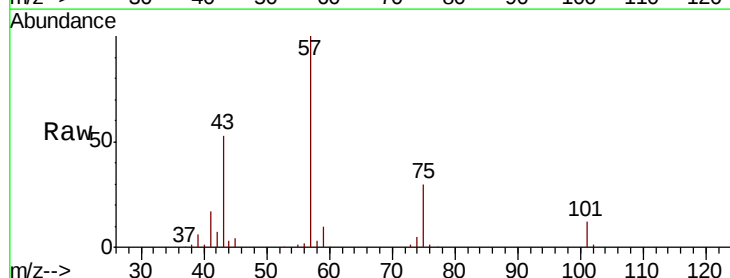
Tgt Ion: 75 Resp: 54459

Ion Ratio Lower Upper

75 100

77 0.6 25.7 38.5#

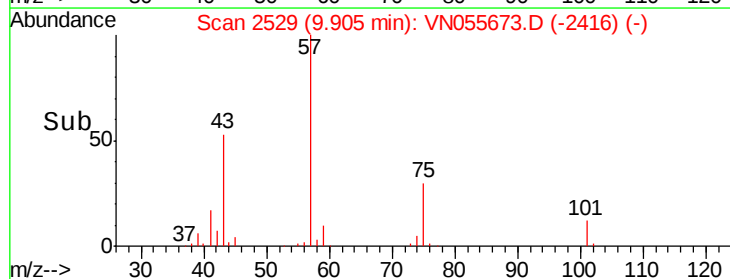
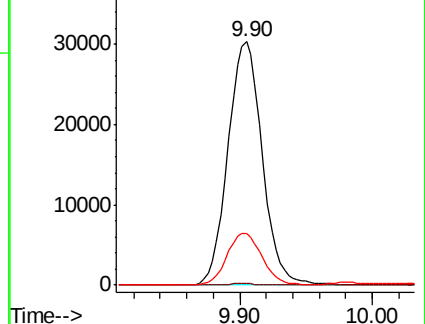
39 21.1 34.7 52.1#

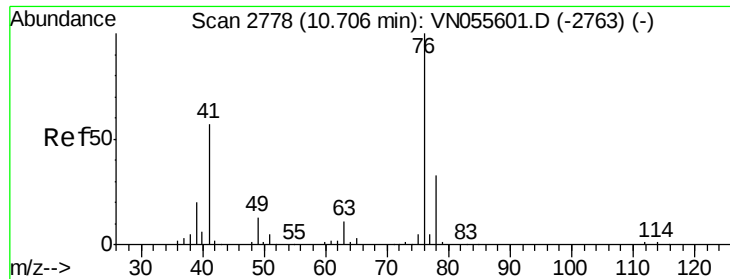


Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN055601.D (-2493) (-)

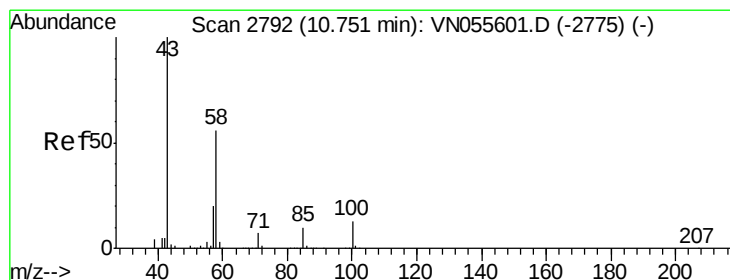
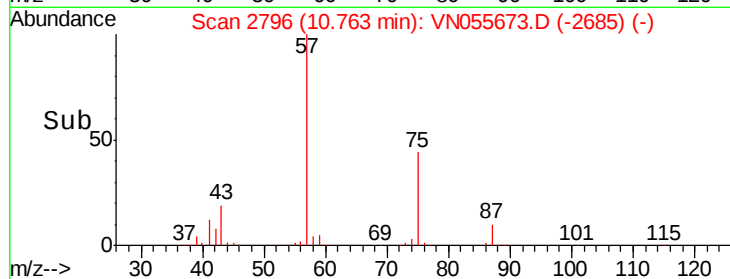
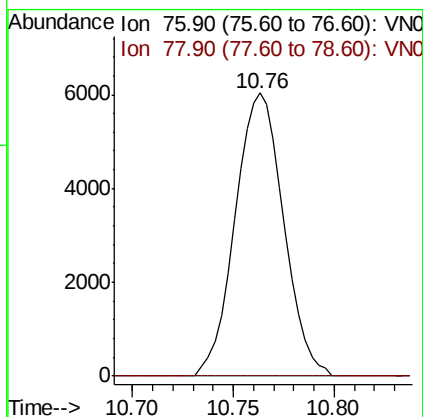
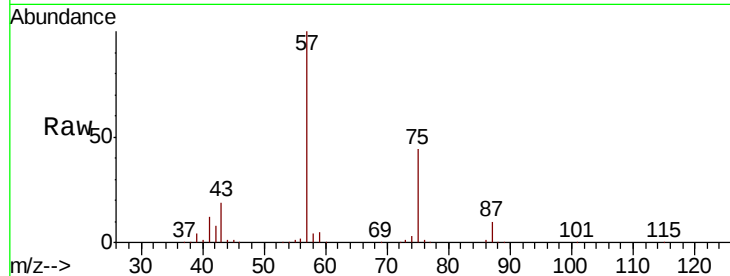
Ion 39.00 (38.70 to 39.70): VN055601.D (-2493) (-)





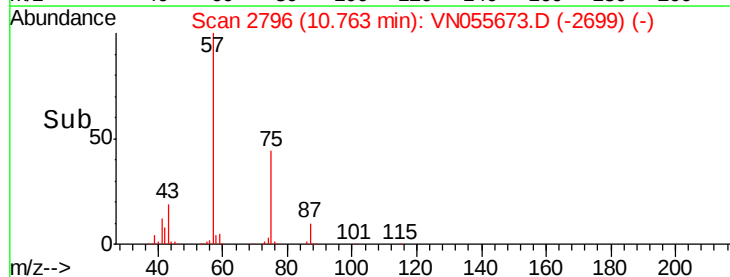
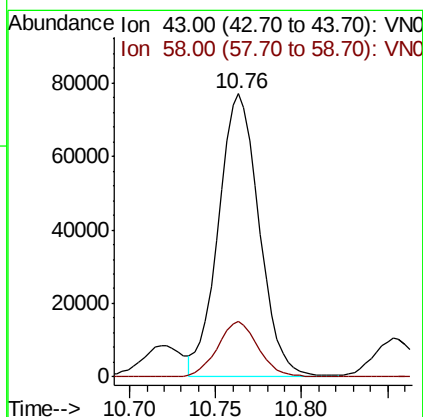
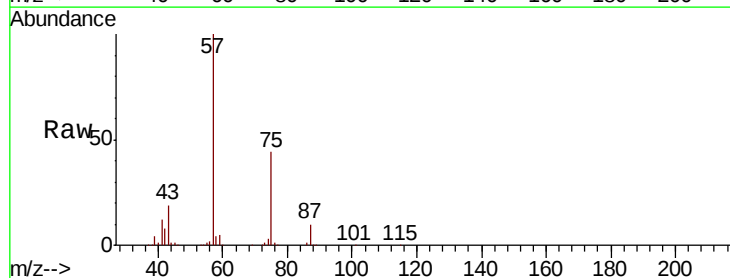
#57
 1,3-Dichloropropane
 Concen: 1.528 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055673.D
 Acq: 20 May 2019 14:51

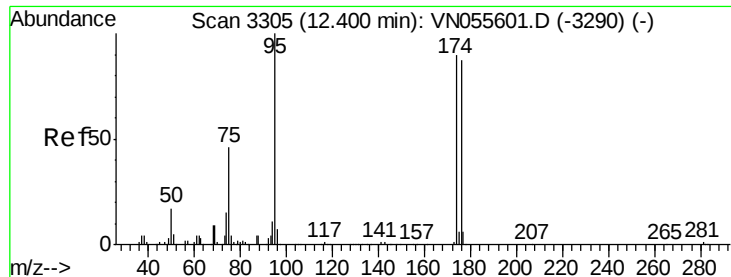
Tot Ion: 76 Resp: 10136
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 35.269 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055673.D
 Acq: 20 May 2019 14:51

Tgt Ion: 43 Resp: 126053
 Ion Ratio Lower Upper
 43 100
 58 19.7 28.1 84.4#





#62

4-Bromofluorobenzene

Concen: 43.282 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

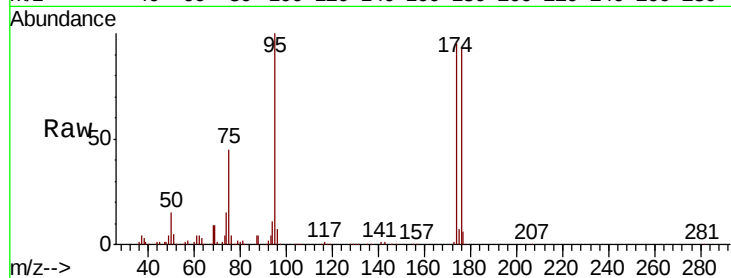
Tot Ion: 95 Resp: 221997

Ion Ratio Lower Upper

95 100

174 95.9 0.0 180.6

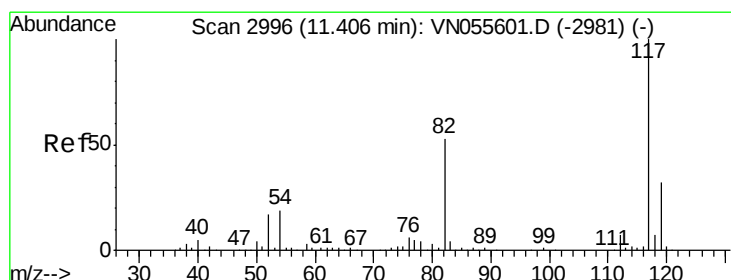
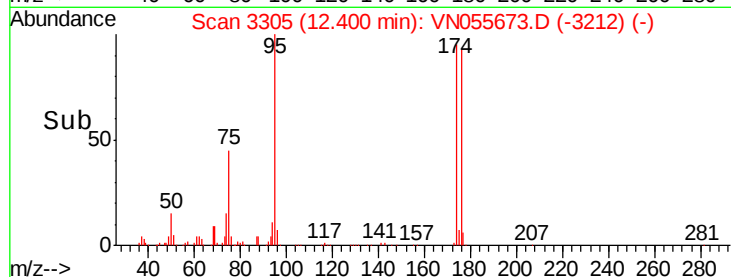
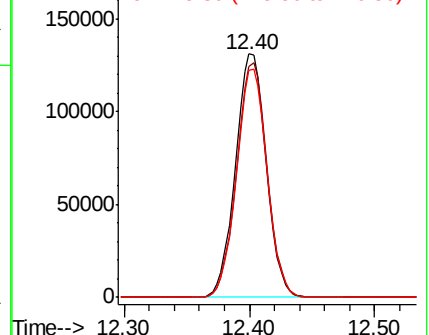
176 93.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055673.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055673.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055673.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

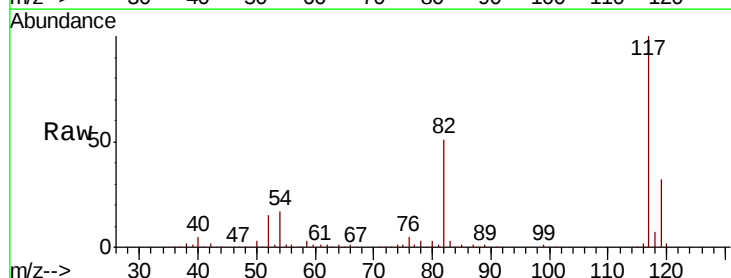
Tgt Ion: 117 Resp: 524230

Ion Ratio Lower Upper

117 100

82 51.0 42.3 63.5

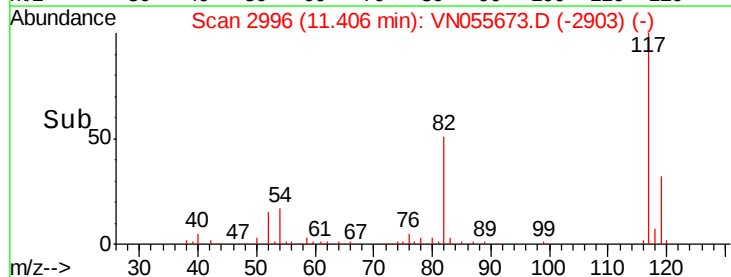
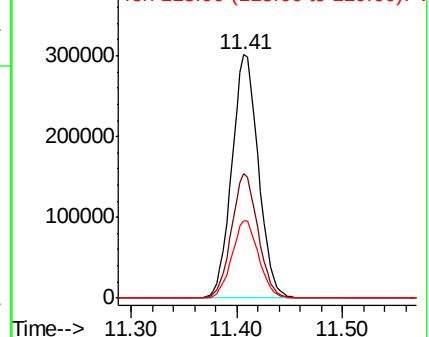
119 31.9 25.4 38.2

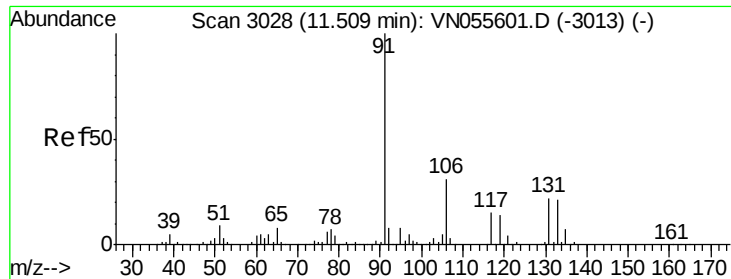


Abundance Ion 116.90 (116.60 to 117.60): VN055673.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055673.D (-2903) (-)

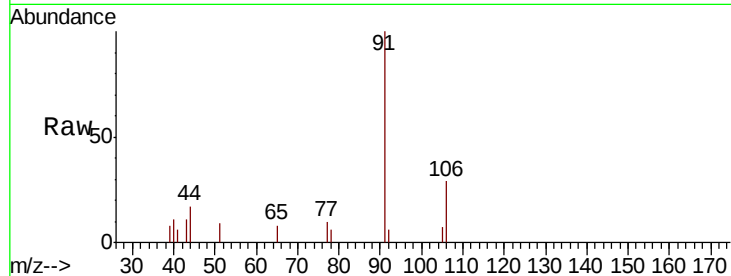
Ion 118.90 (118.60 to 119.60): VN055673.D (-2903) (-)



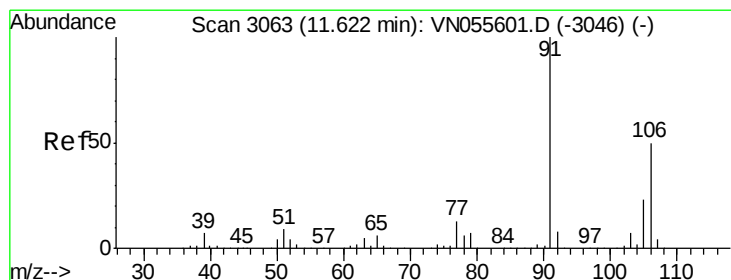
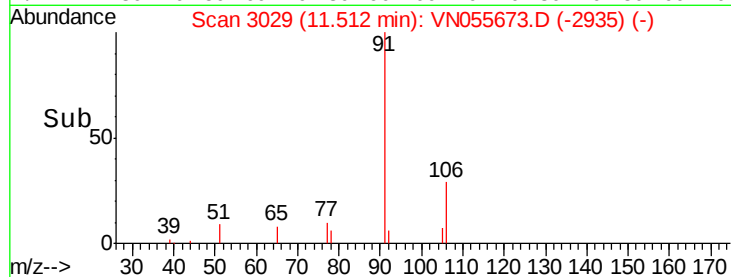
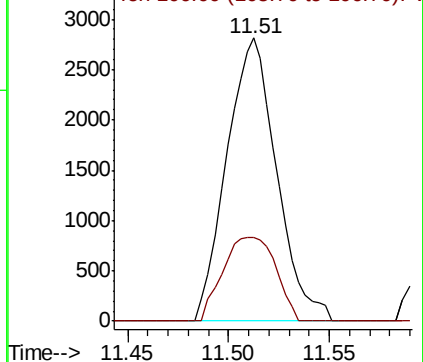


#67
Ethyl Benzene
Concen: 0.257 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tot Ion: 91 Resp: 4859
Ion Ratio Lower Upper
91 100
106 29.4 25.2 37.8

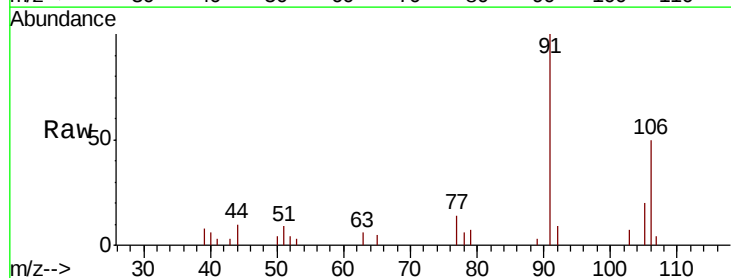


Abundance Ion 91.00 (90.70 to 91.70): VN055673.D (-2935) (-)
Ion 106.00 (105.70 to 106.70): VN055673.D (-2935) (-)

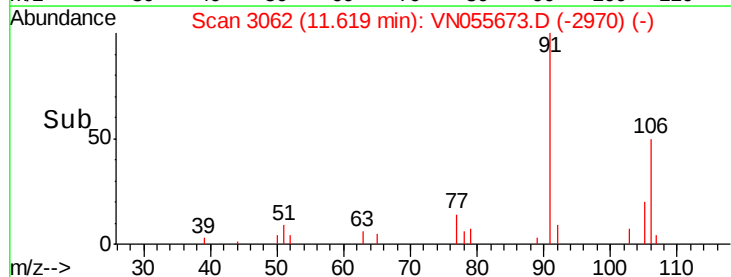
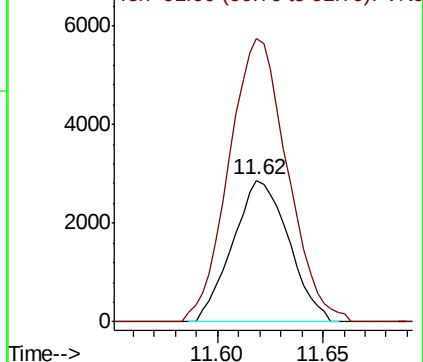


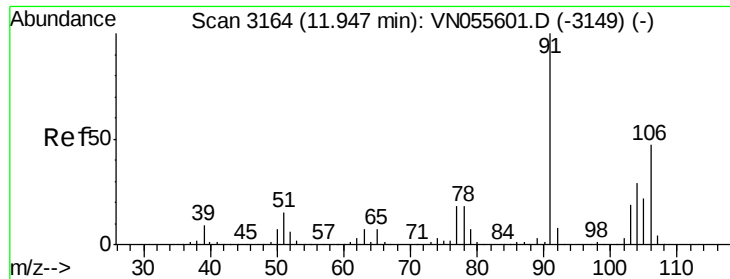
#68
m/p-Xylenes
Concen: 0.743 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion: 106 Resp: 5302
Ion Ratio Lower Upper
106 100
91 208.3 160.5 240.7



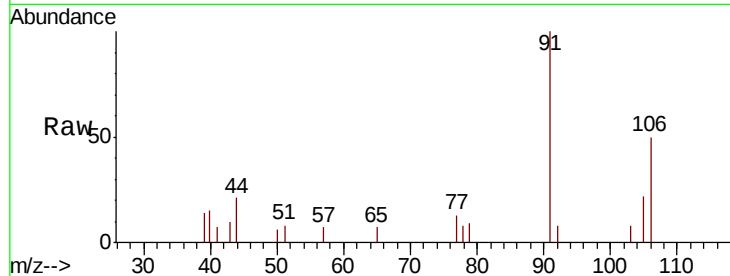
Abundance Ion 106.00 (105.70 to 106.70): VN055673.D (-2970) (-)
Ion 91.00 (90.70 to 91.70): VN055673.D (-2970) (-)



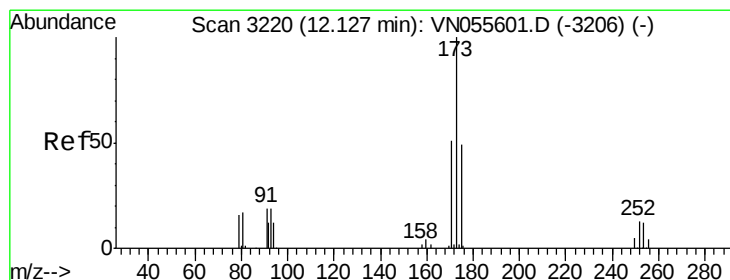
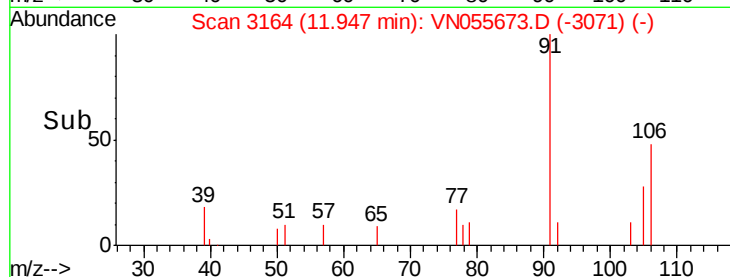
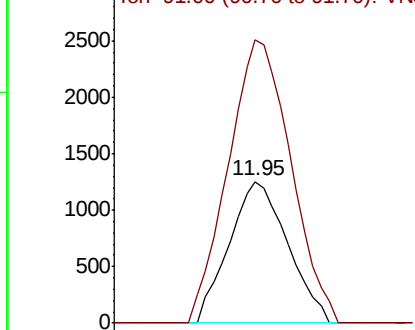


#69
o-Xylene
Concen: 0.284 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tot Ion:106 Resp: 1981
Ion Ratio Lower Upper
106 100
91 213.9 106.7 320.2

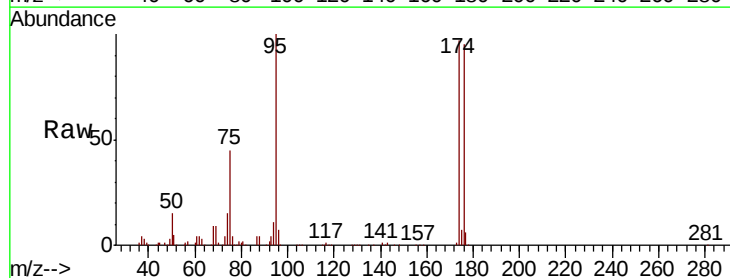


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

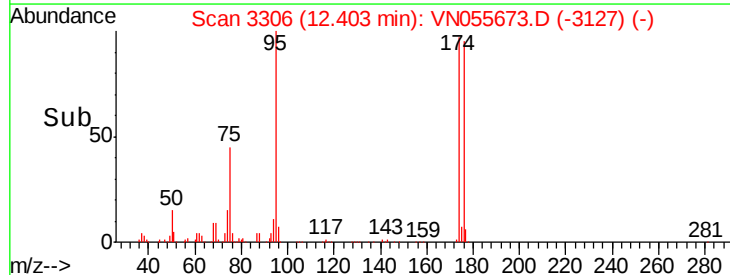
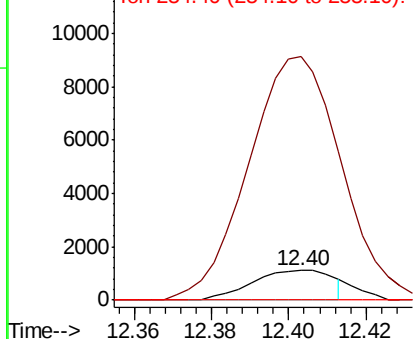


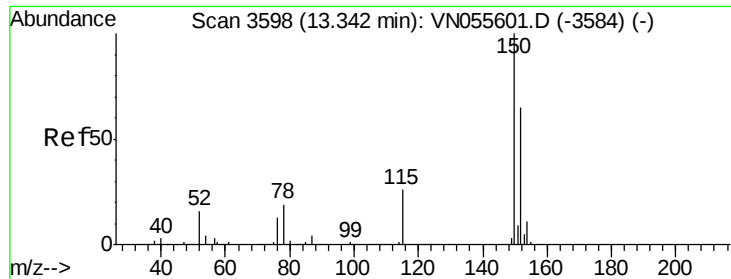
#71
Bromoform
Concen: 0.451 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion:173 Resp: 1630
Ion Ratio Lower Upper
173 100
175 820.7 24.3 72.9#
254 0.0 0.1 0.1#



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

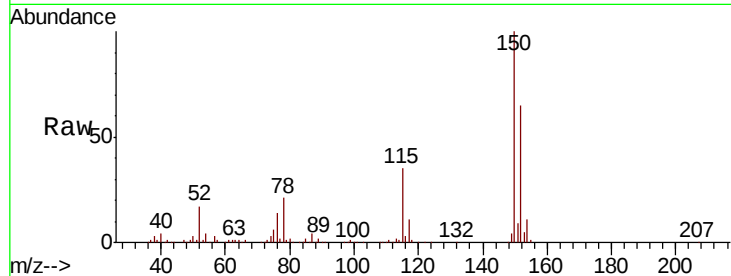




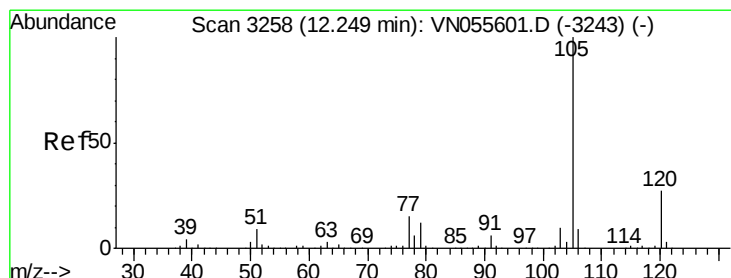
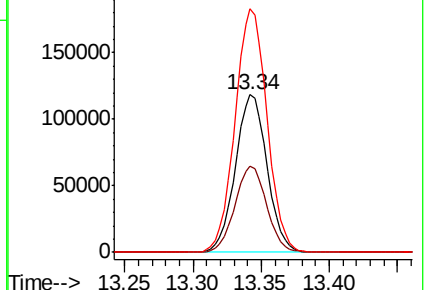
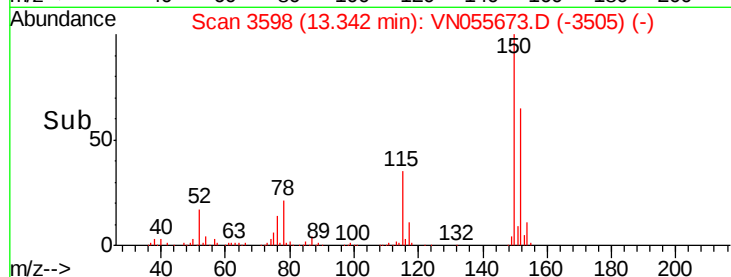
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.1	84.2
150	156.2	0.0	348.0



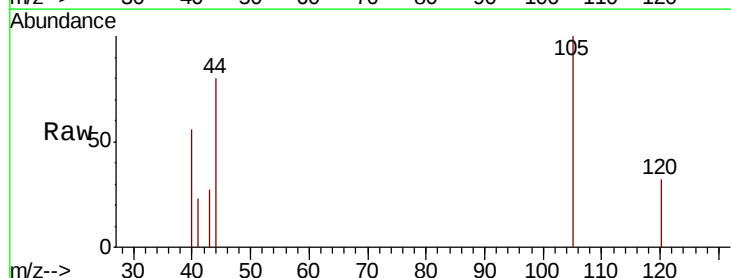
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



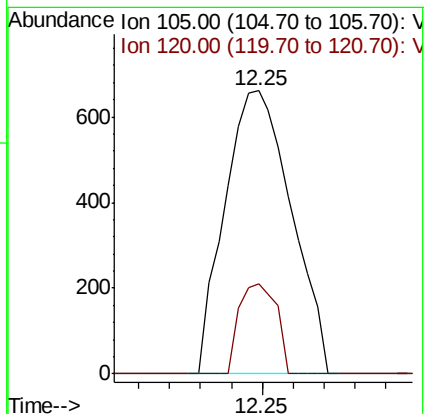
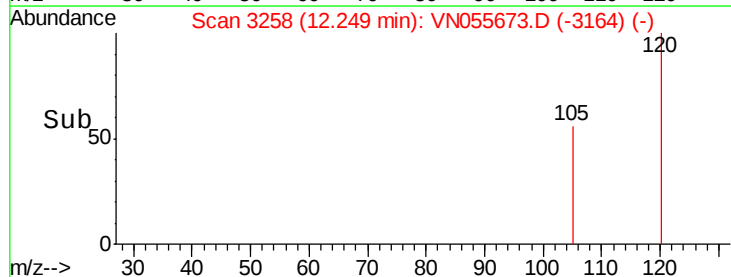
#73

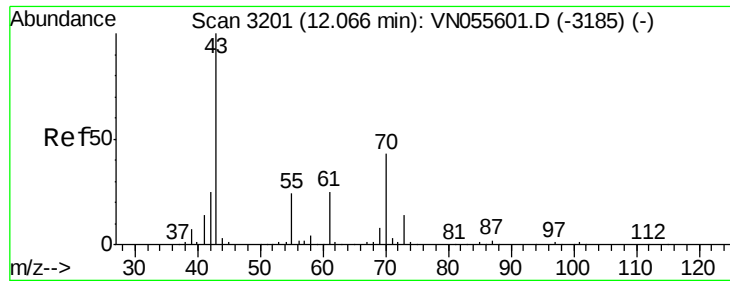
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055673.D
Acq: 20 May 2019 14:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	17.7	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.296 ug/l

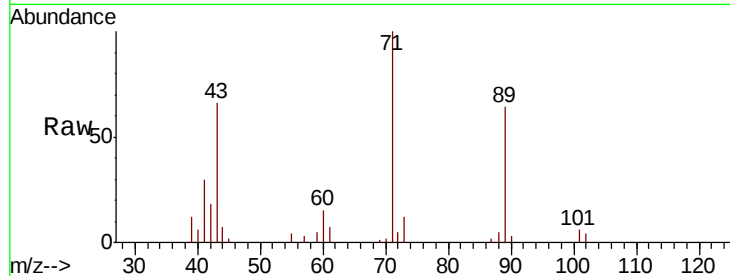
RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

Tot Ion:	43	Resp:	12302
Ion	Ratio	Lower	Upper
43	100		
70	2.2	35.0	52.6#
55	6.3	18.9	28.3#
61	9.9	20.1	30.1#

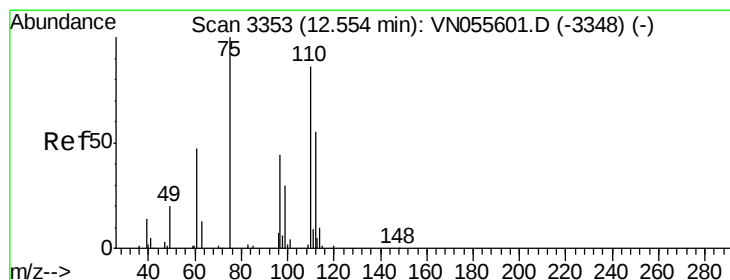
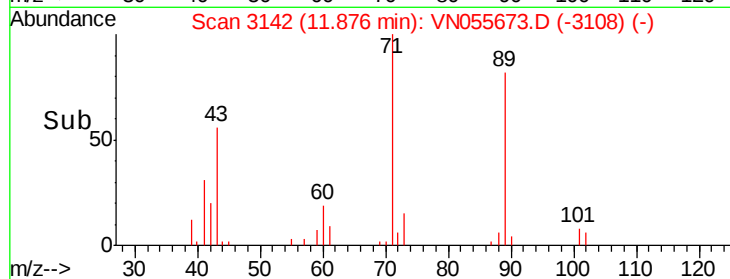
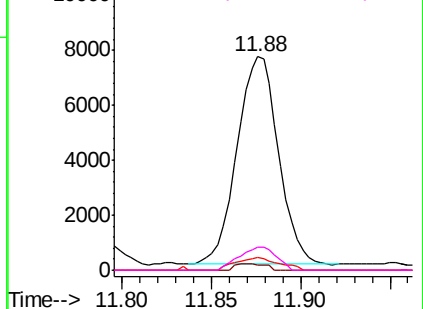


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 25.654 ug/l

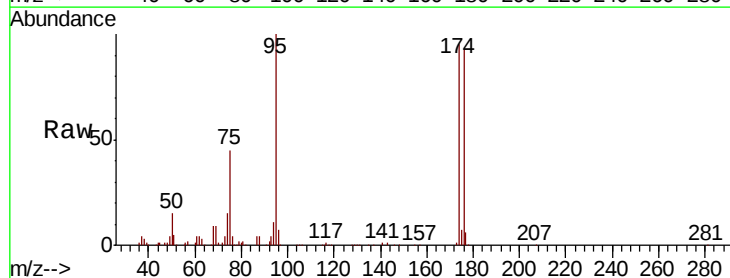
RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055673.D

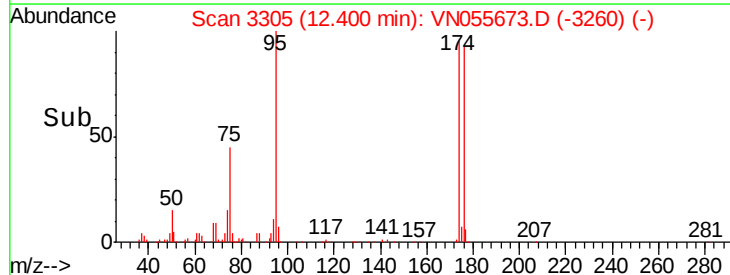
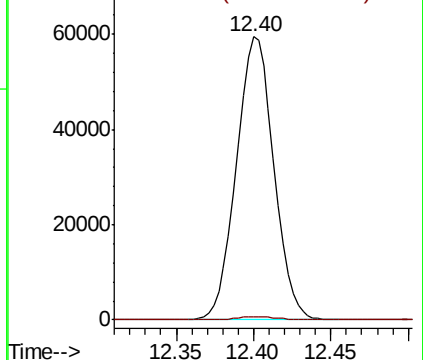
Acq: 20 May 2019 14:51

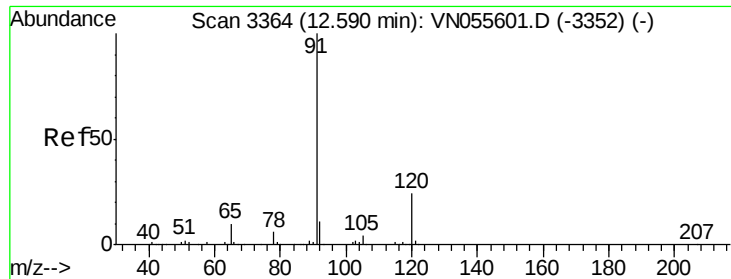
Tgt Ion:	75	Resp:	99896
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.234 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055673.D

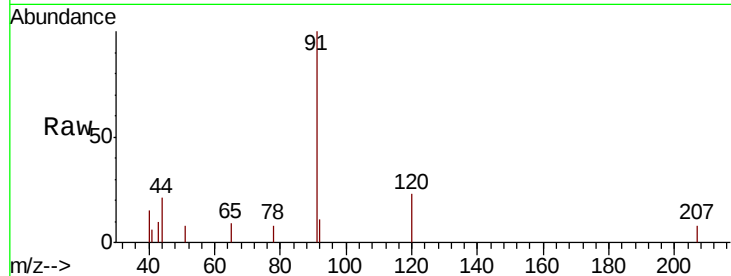
Acq: 20 May 2019 14:51

Tot Ion: 91 Resp: 3969

Ion Ratio Lower Upper

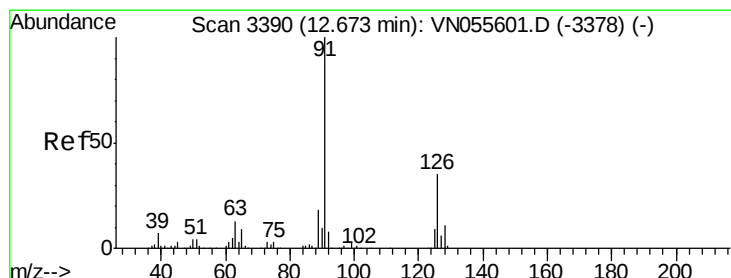
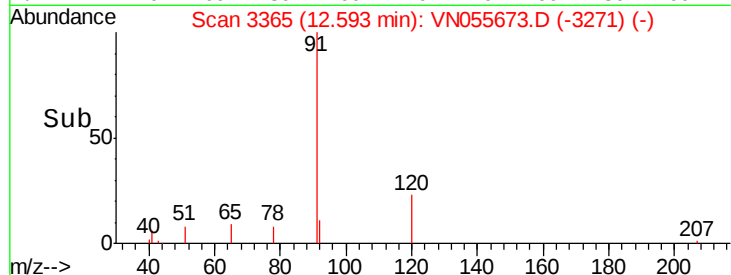
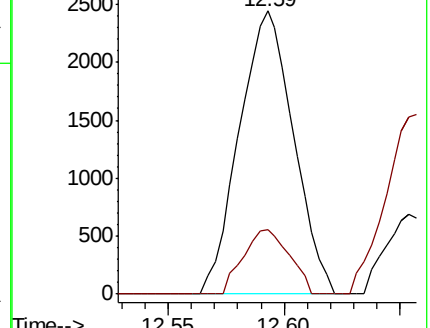
91 100

120 19.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN055673.D

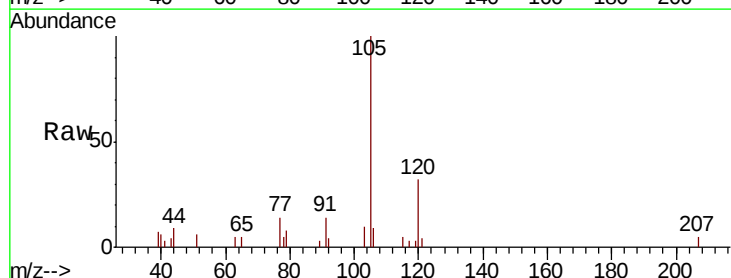
Acq: 20 May 2019 14:51

Tgt Ion: 91 Resp: 1145

Ion Ratio Lower Upper

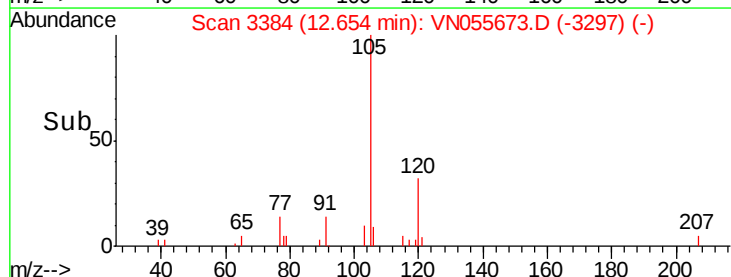
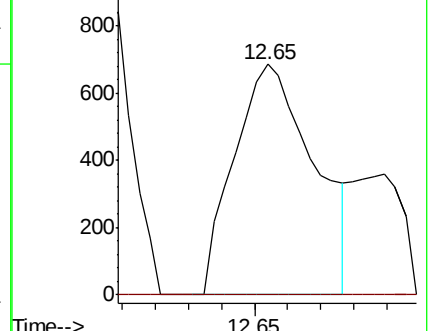
91 100

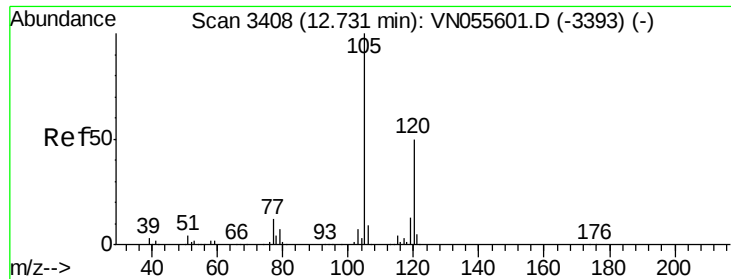
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055673.D

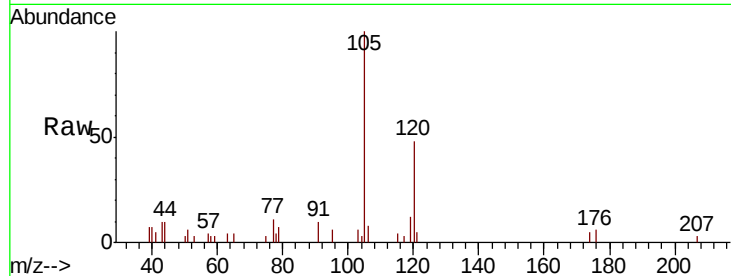
Acq: 20 May 2019 14:51

Tot Ion: 105 Resp: 8782

Ion Ratio Lower Upper

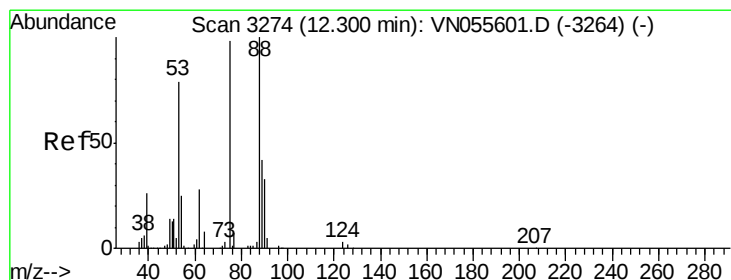
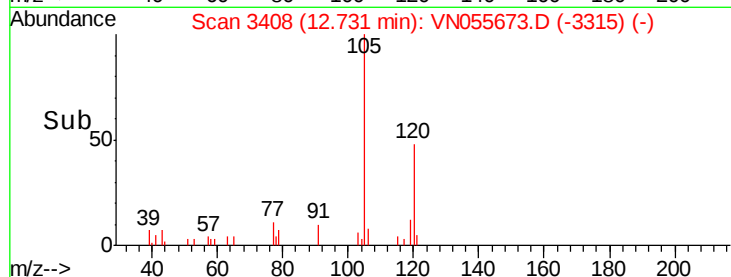
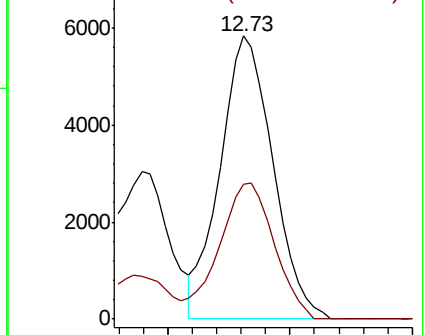
105 100

120 50.3 24.6 74.0



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: 65.945 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

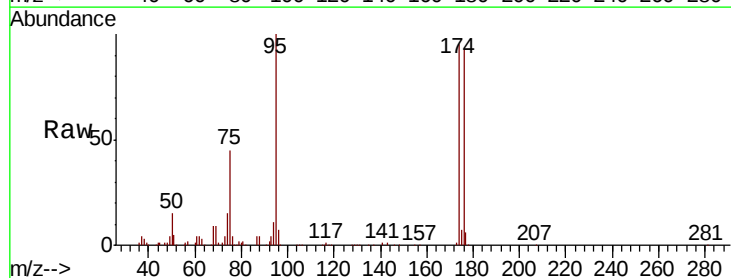
Tgt Ion: 75 Resp: 99896

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

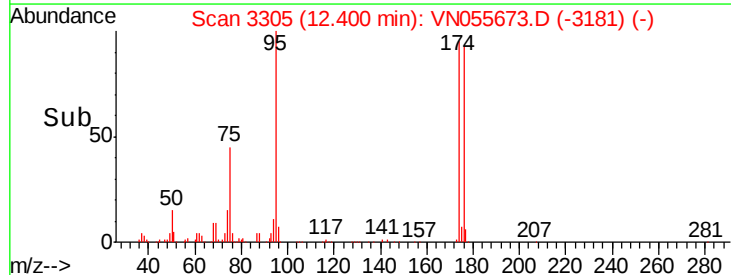
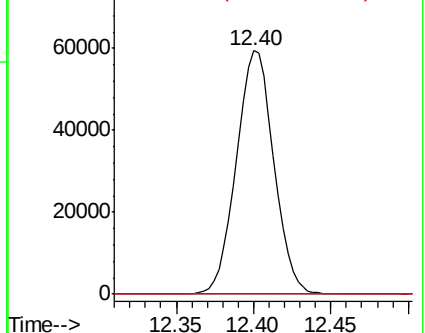
89 0.0 36.4 54.6#

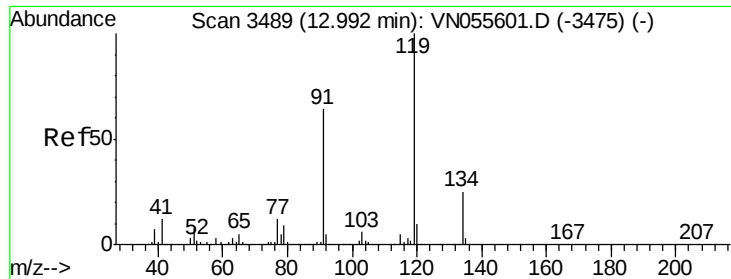


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

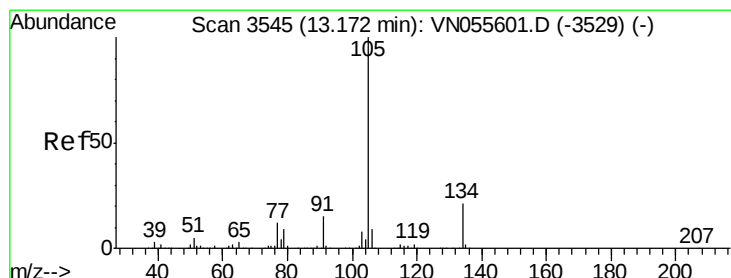
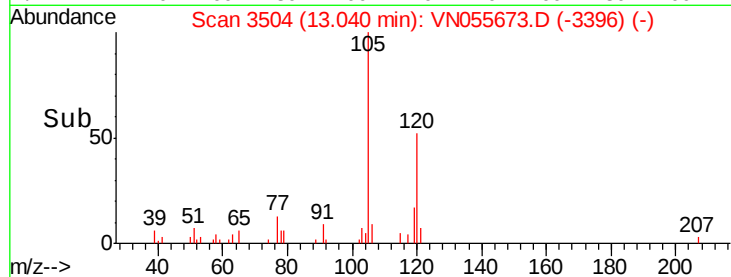
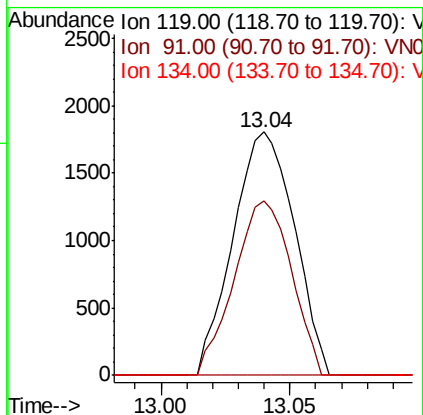
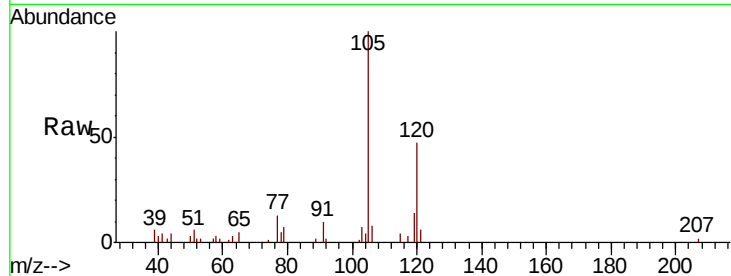
Ion 88.90 (88.60 to 89.60): VNO





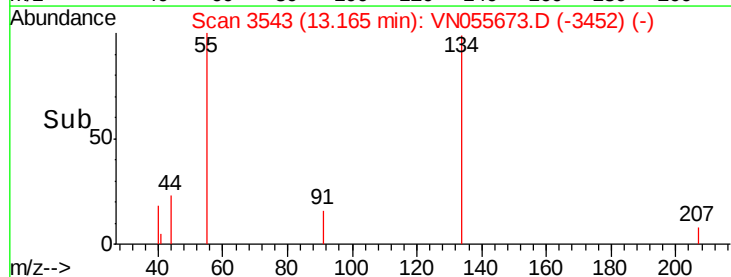
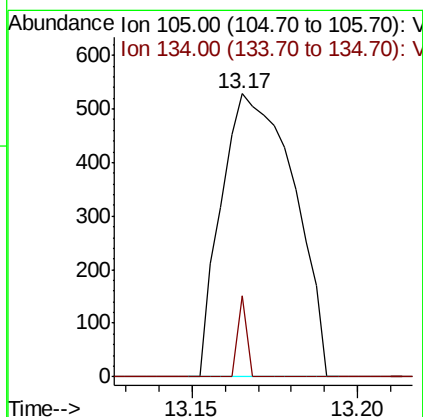
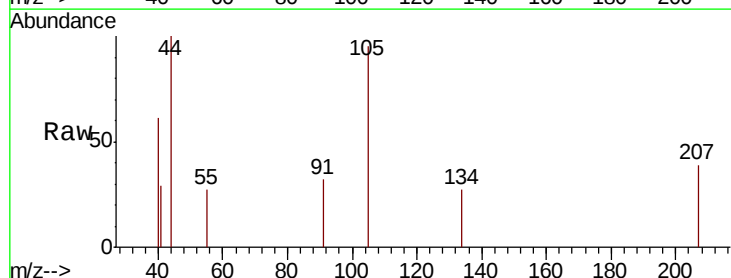
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN055673.D
 Acq: 20 May 2019 14:51

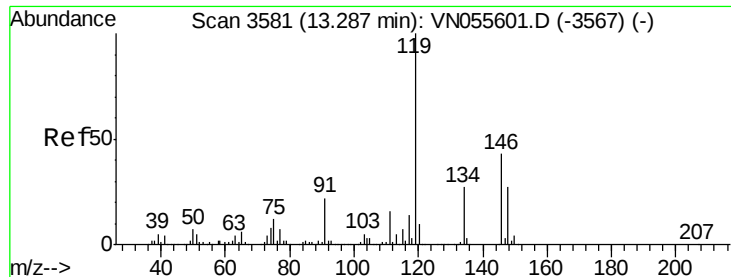
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	31.3	93.8
134	0.0	13.2	39.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.01 min
 Lab File: VN055673.D
 Acq: 20 May 2019 14:51

Tgt Ion	Ratio	Lower	Upper
105	100		
134	3.6	10.3	30.9#





#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

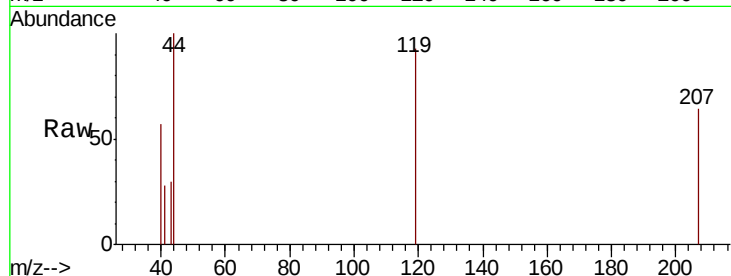
Tot Ion:119 Resp: 613

Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

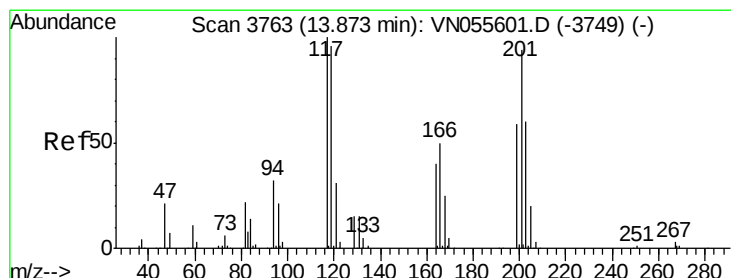
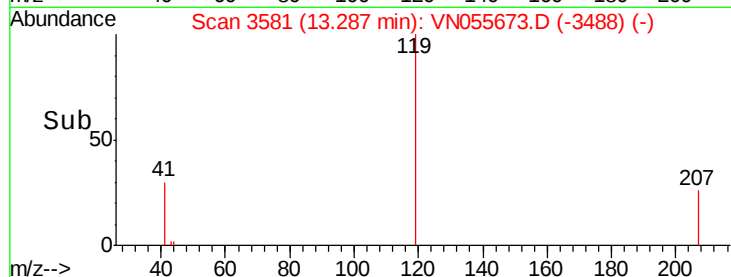
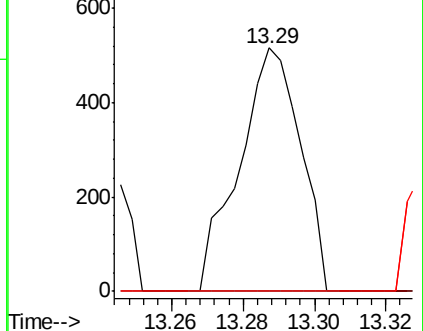
91 0.0 11.0 33.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055673.D

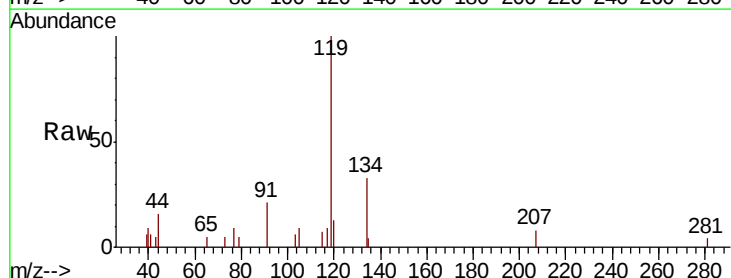
Acq: 20 May 2019 14:51

Tgt Ion:117 Resp: 446

Ion Ratio Lower Upper

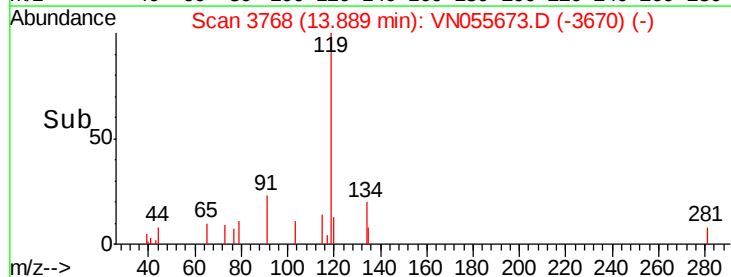
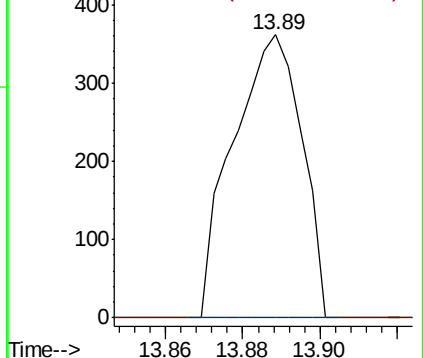
117 100

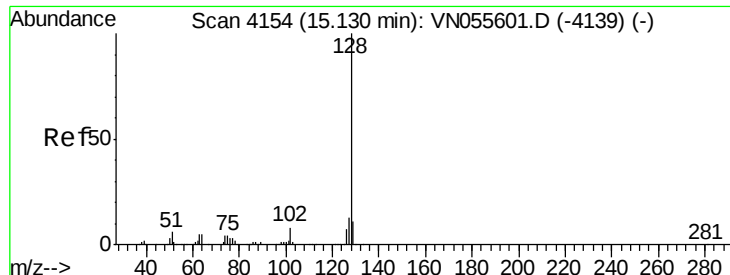
201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 2.528 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055673.D

Acq: 20 May 2019 14:51

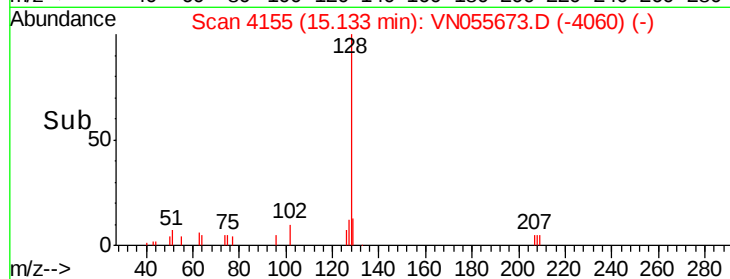
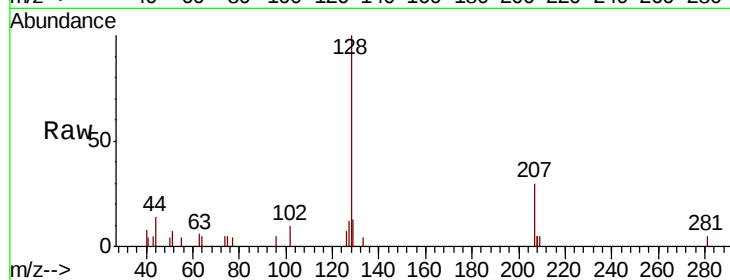
Tot Ion:128 Resp: 7857

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.4

129 11.9 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

