

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055667.D
 Acq On : 20 May 2019 12:26
 Operator : JC/SP
 Sample : K2945-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

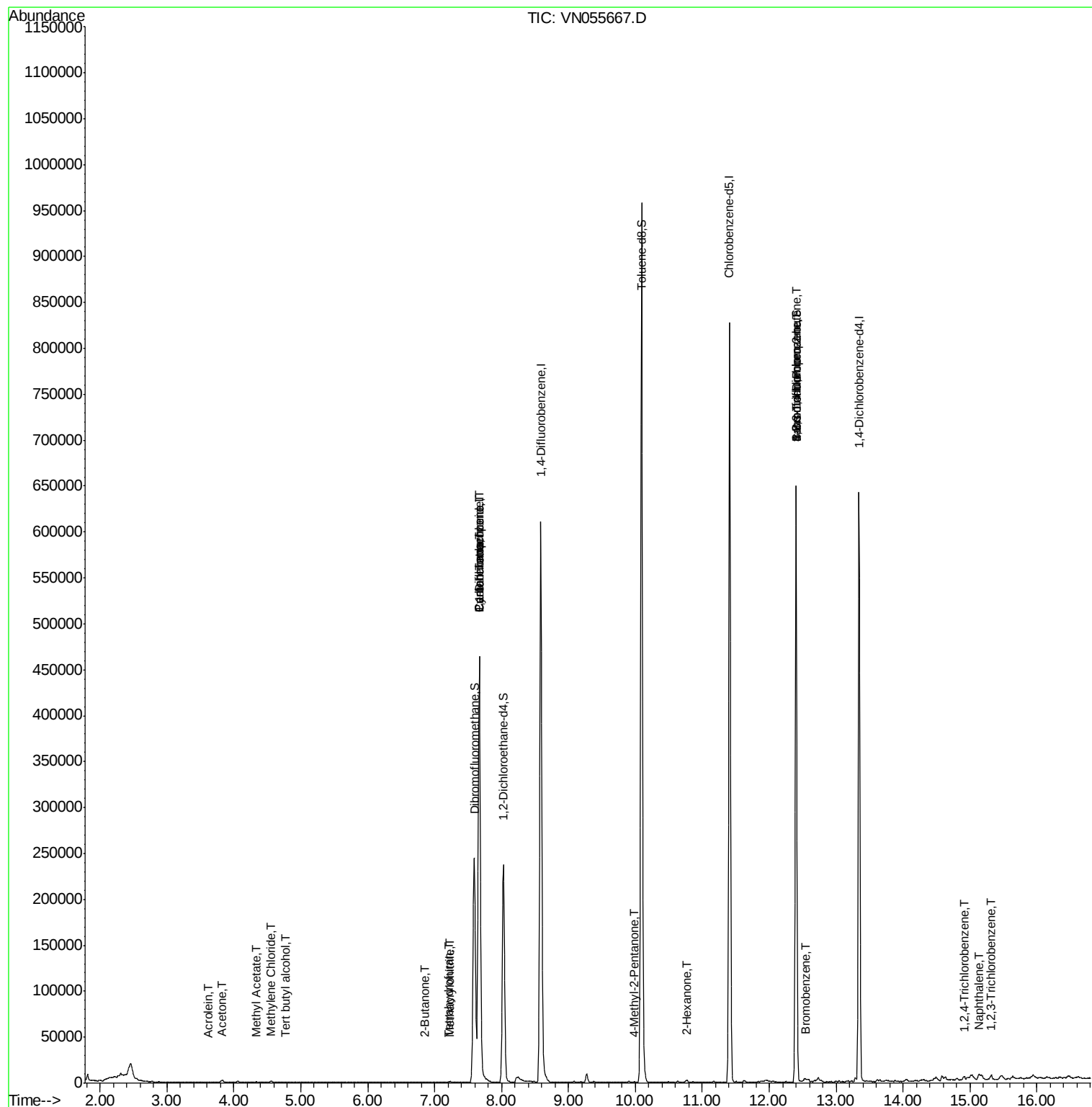
Quant Time: May 21 04:34:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

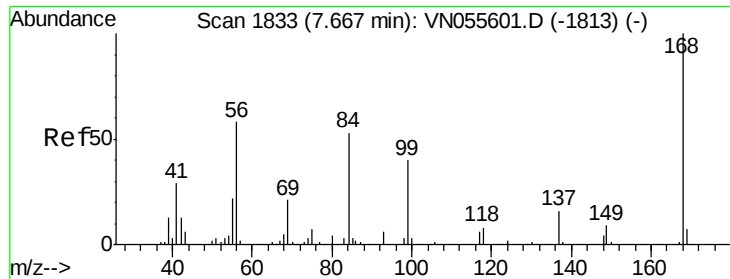
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	449457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	628440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	201445	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
35) Dibromofluoromethane	7.59	113	191080	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.09	98	724081	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.40	95	225544	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.77	59	691	0.752	ug/l #	74
13) Acrolein	3.61	56	192	1.769	ug/l #	57
16) Acetone	3.82	43	5546	2.758	ug/l	97
18) Methyl Acetate	4.34	43	2183	0.506	ug/l #	50
20) Methylene Chloride	4.55	84	1164	0.254	ug/l	89
25) 2-Butanone	6.85	43	1491	0.530	ug/l #	47
29) Tetrahydrofuran	7.22	42	538	0.289	ug/l #	61
31) Cyclohexane	7.66	56	6604	0.904	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	25712	4.589	ug/l #	49
38) Carbon Tetrachloride	7.67	117	35899	5.996	ug/l #	15
41) Methacrylonitrile	7.22	41	964	0.446	ug/l #	100
51) 4-Methyl-2-Pentanone	9.99	43	1204	0.233	ug/l #	34
59) 2-Hexanone	10.76	43	1158	0.319	ug/l	68
71) Bromoform	12.40	173	1677	0.459	ug/l #	1
73) Isopropylbenzene	12.25	105	1031	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	12.50	83	31	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	101975	26.292	ug/l #	100
77) Bromobenzene	12.54	156	4154	1.064	ug/l #	1
79) 2-Chlorotoluene	12.78	91	1474	Below Cal		75
80) 1,3,5-Trimethylbenzene	12.73	105	1407	Below Cal		74
81) trans-1,4-Dichloro-2-buten	12.40	75	101975	67.586	ug/l #	17
83) tert-Butylbenzene	12.99	119	796	Below Cal	#	76
84) 1,2,4-Trimethylbenzene	13.04	105	1325	Below Cal		86
85) sec-Butylbenzene	13.17	105	1658	Below Cal		85
86) p-Isopropyltoluene	13.29	119	1894	Below Cal		85
90) Hexachloroethane	13.88	117	31	Below Cal	#	3
93) 1,2,4-Trichlorobenzene	14.91	180	1601	0.489	ug/l	90
94) Hexachlorobutadiene	15.01	225	608	Below Cal		86
95) Naphthalene	15.13	128	6264	2.376	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	2175	0.635	ug/l	94

(#) = 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: VN055667.D

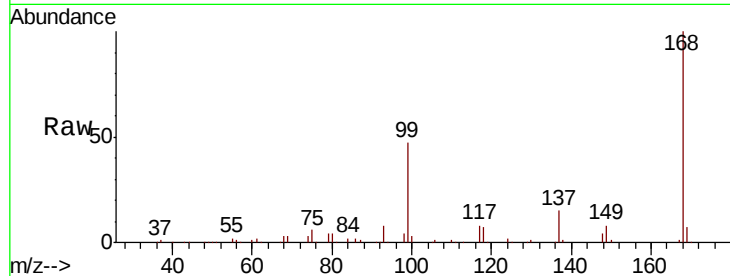
Acq: 20 May 2019 12:26

Tot Ion:168 Resp: 449457

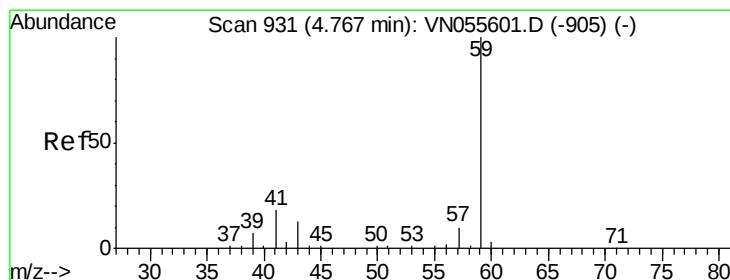
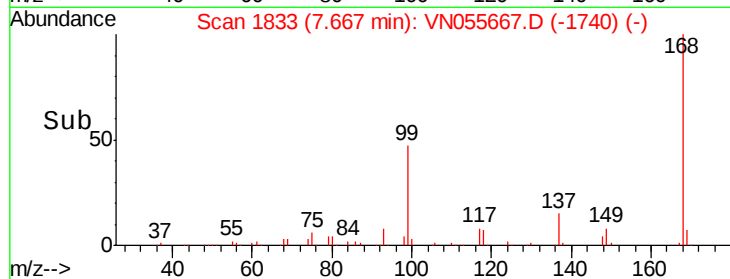
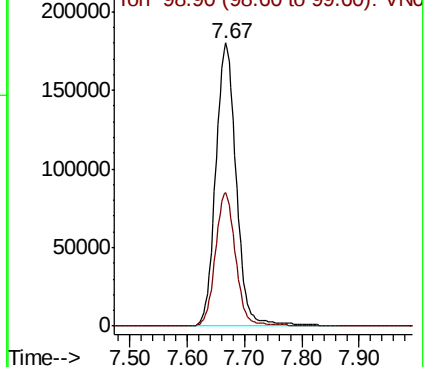
Ion Ratio Lower Upper

168 100

99 47.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055667.D (-1740) (-)



#11

Tert butyl alcohol

Concen: 0.752 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN055667.D

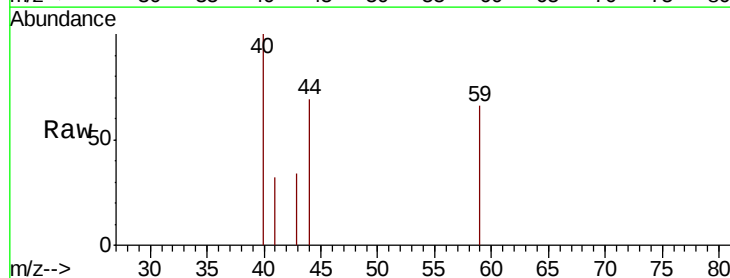
Acq: 20 May 2019 12:26

Tgt Ion: 59 Resp: 691

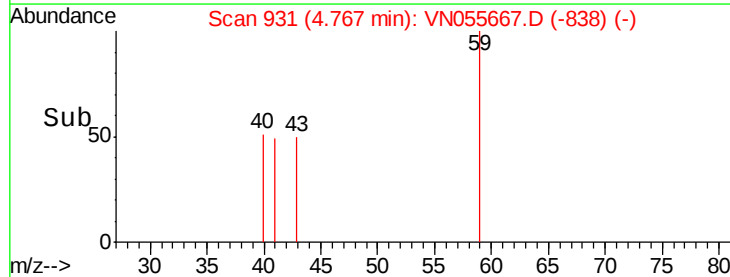
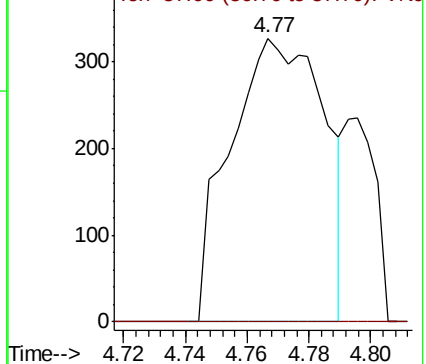
Ion Ratio Lower Upper

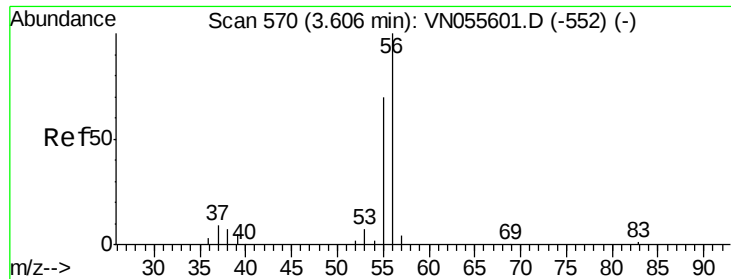
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055667.D (-838) (-)





#13

Acrolein

Concen: 1.769 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055667.D

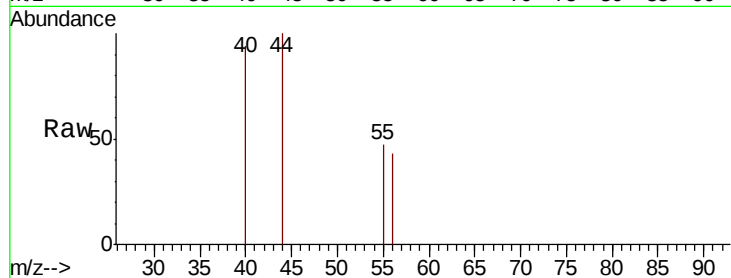
Acq: 20 May 2019 12:26

Tot Ion: 56 Resp: 192

Ion Ratio Lower Upper

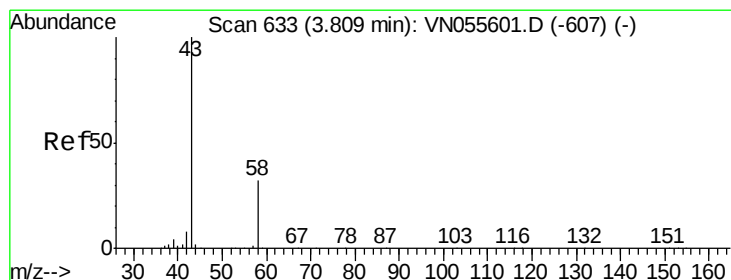
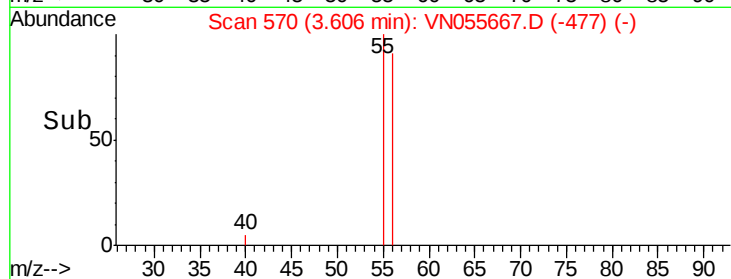
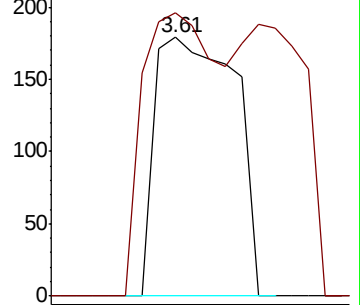
56 100

55 105.7 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 2.758 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055667.D

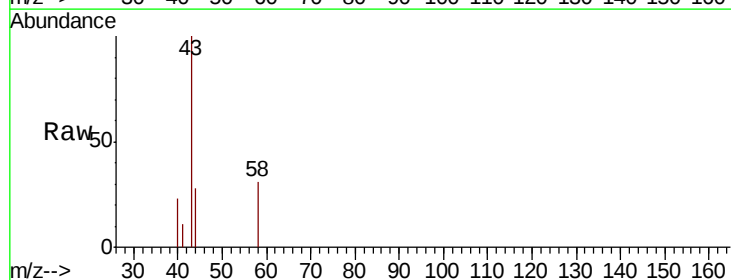
Acq: 20 May 2019 12:26

Tgt Ion: 43 Resp: 5546

Ion Ratio Lower Upper

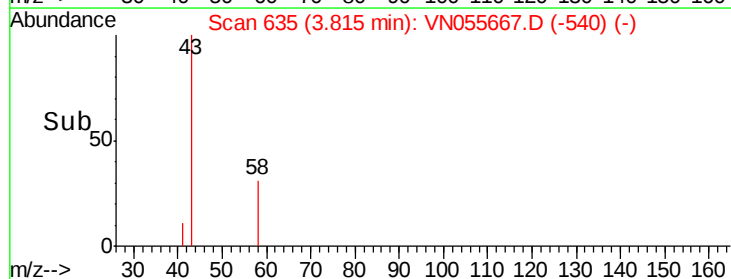
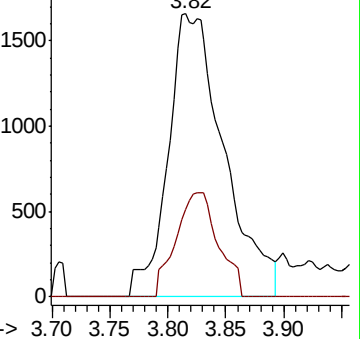
43 100

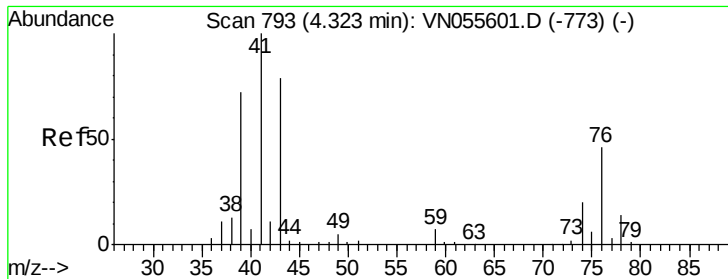
58 31.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

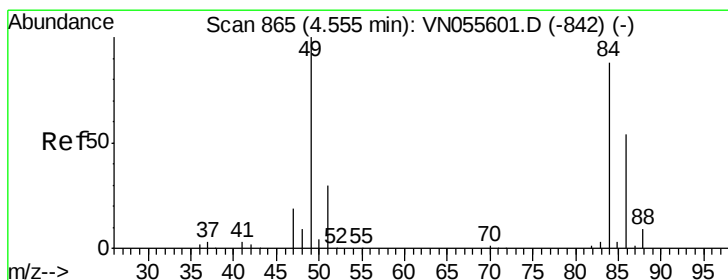
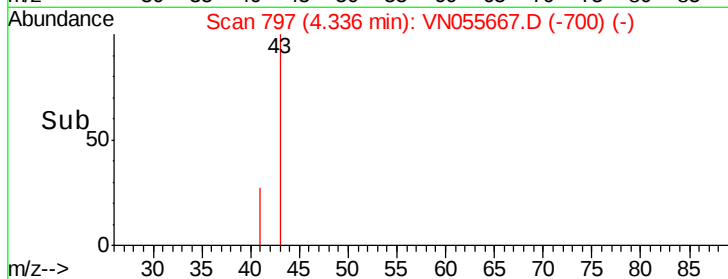
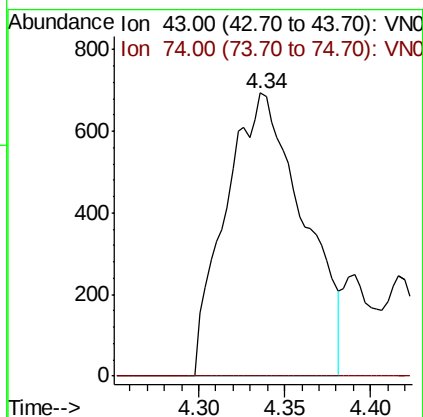
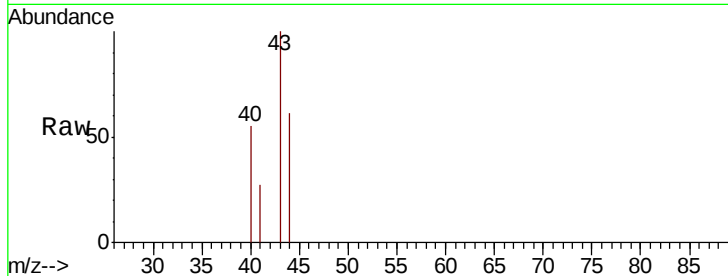
Ion 58.00 (57.70 to 58.70): VN0





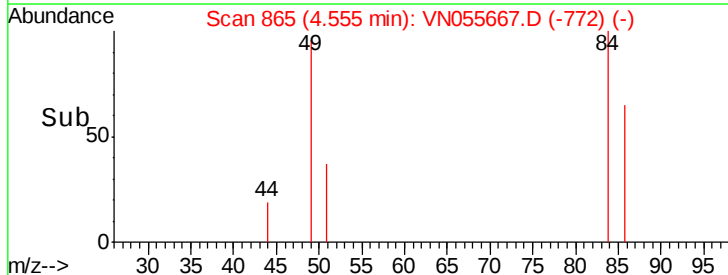
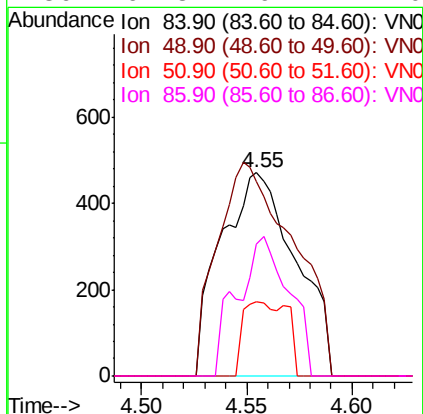
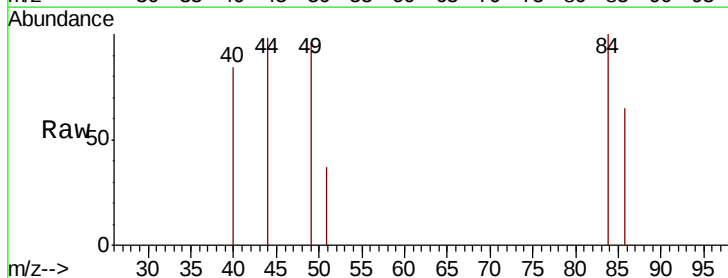
#18
Methyl Acetate
Concen: 0.506 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

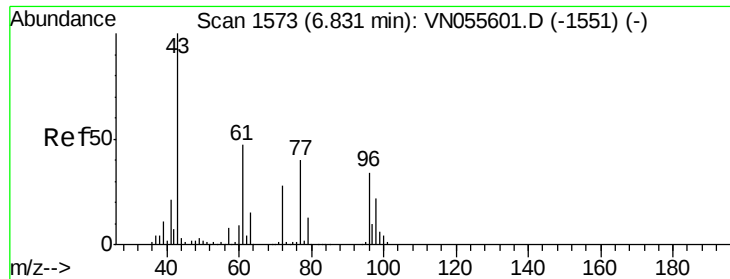
Tot Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

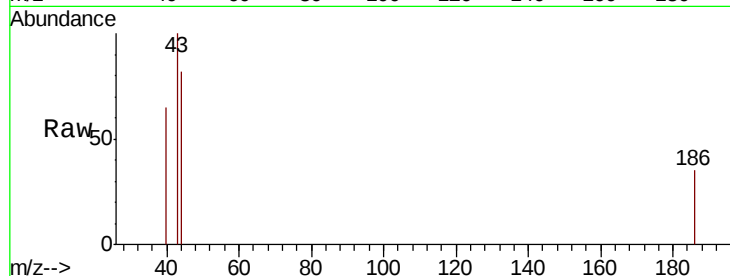
Tgt Ion: 84 Resp: 1164
Ion Ratio Lower Upper
84 100
49 95.8 91.0 136.4
51 36.7 27.5 41.3
86 64.8 49.4 74.0



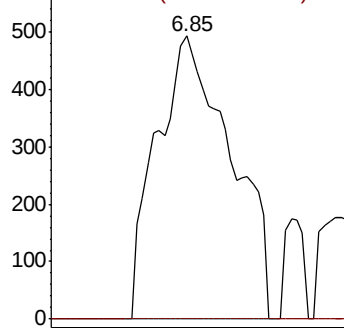


#25
2-Butanone
Concen: 0.530 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

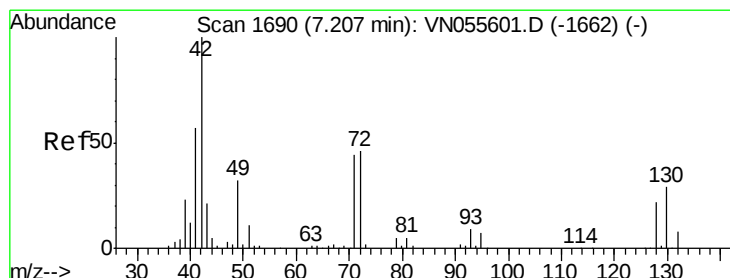
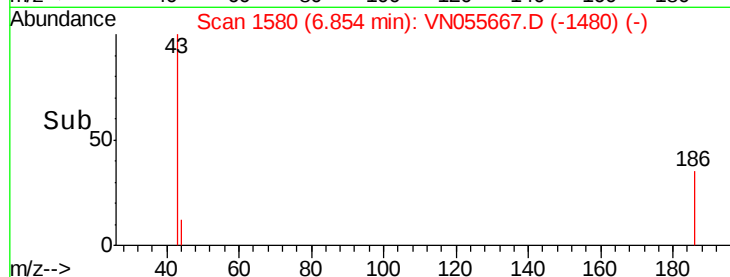
Tot Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

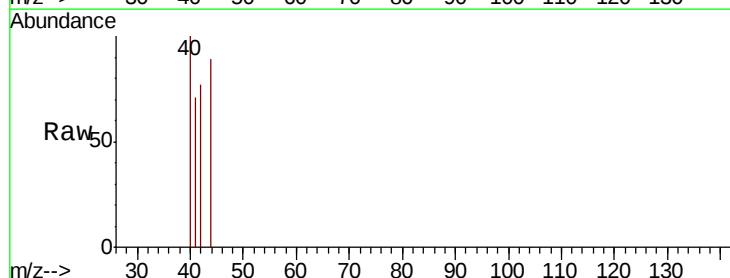


Time-->

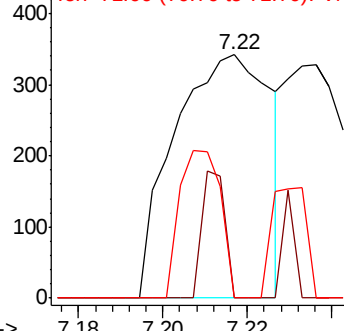


#29
Tetrahydrofuran
Concen: 0.289 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

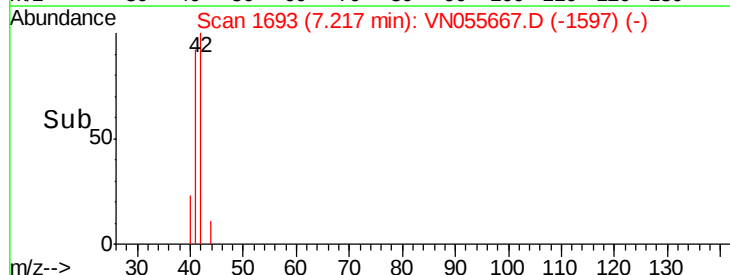
Tgt Ion: 42 Resp: 538
Ion Ratio Lower Upper
42 100
72 12.5 36.5 54.7#
71 26.0 34.9 52.3#

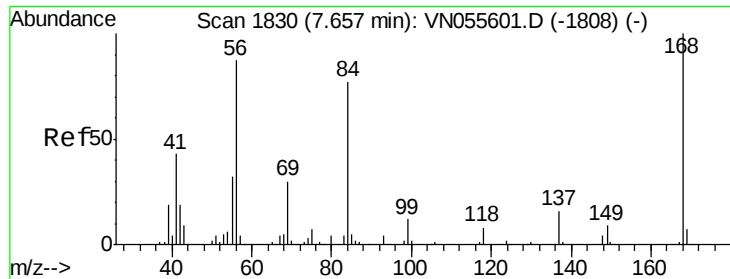


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



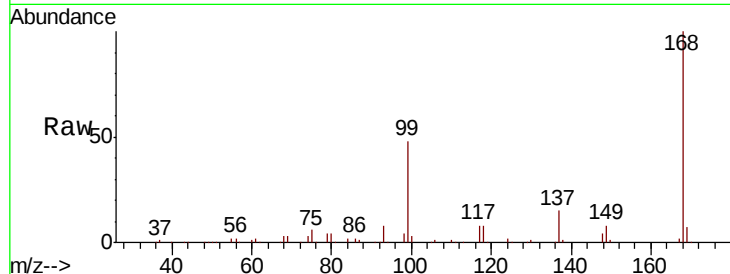
Time-->



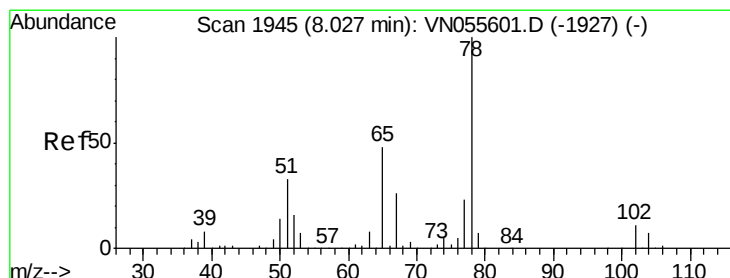
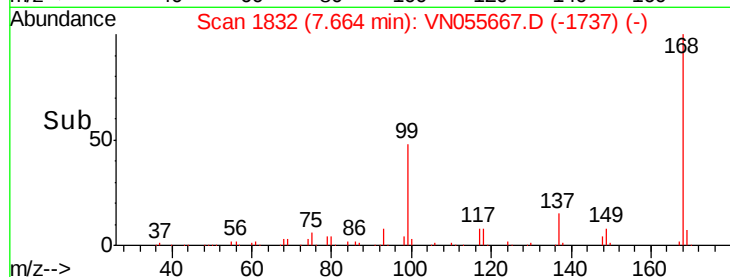
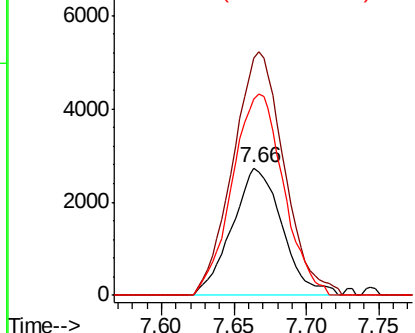


#31
Cyclohexane
Concen: 0.904 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

Tot Ion: 56 Resp: 6604
Ion Ratio Lower Upper
56 100
69 185.8 27.2 40.8#
84 153.5 71.3 106.9#

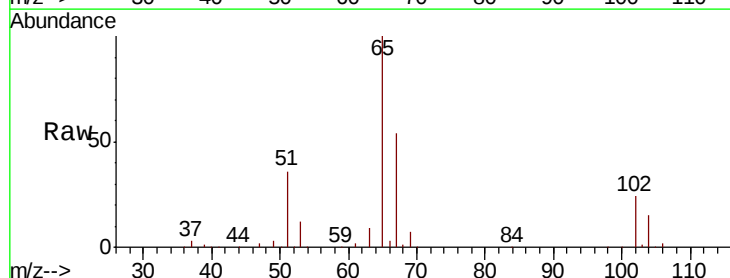


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

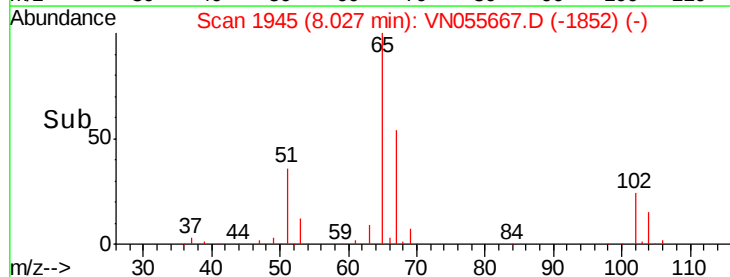
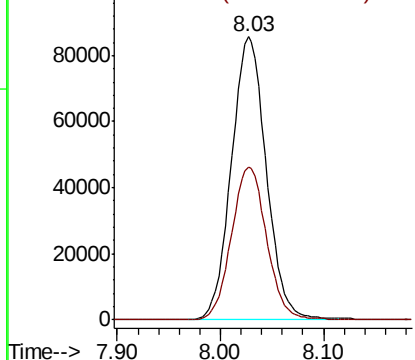


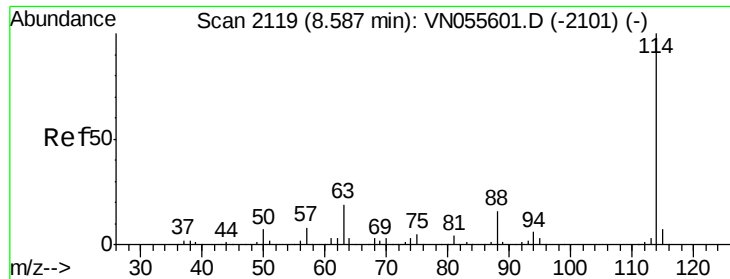
#33
1,2-Dichloroethane-d4
Concen: 40.886 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

Tgt Ion: 65 Resp: 201445
Ion Ratio Lower Upper
65 100
67 54.7 0.0 108.6



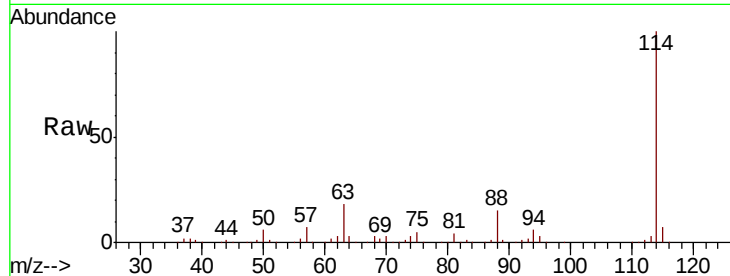
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



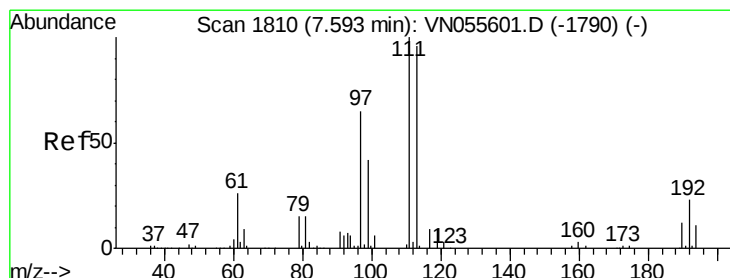
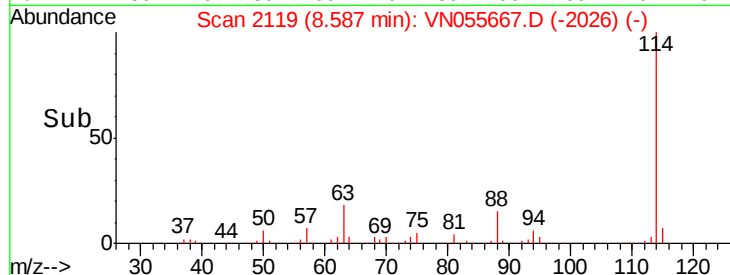
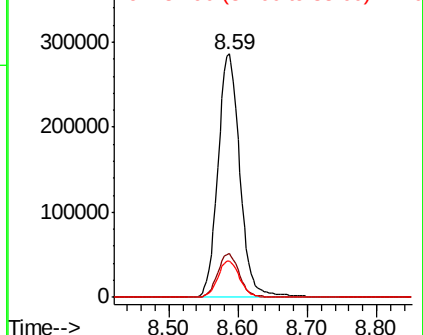


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tot Ion:114 Resp: 628440
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.2
 88 14.8 0.0 31.0

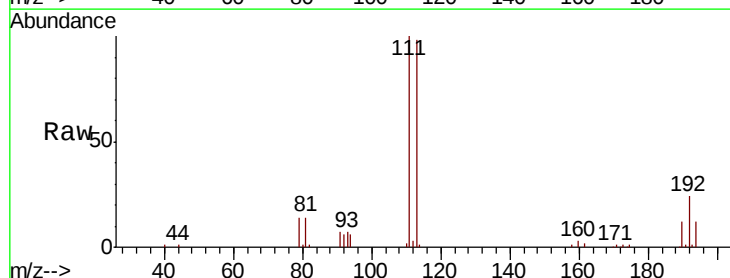


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

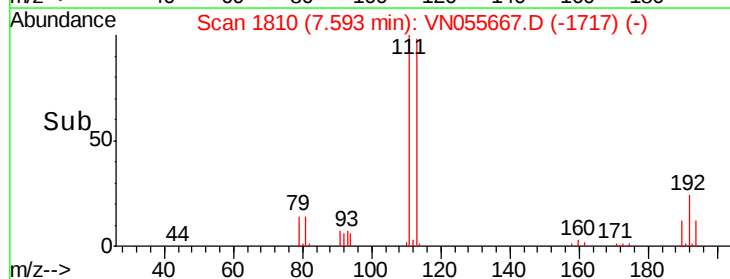
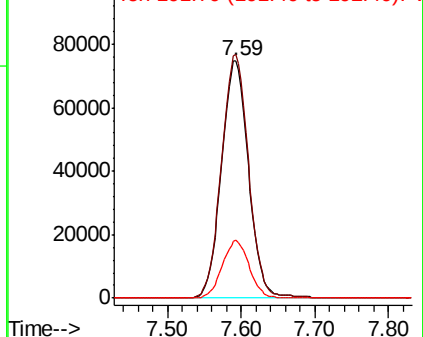


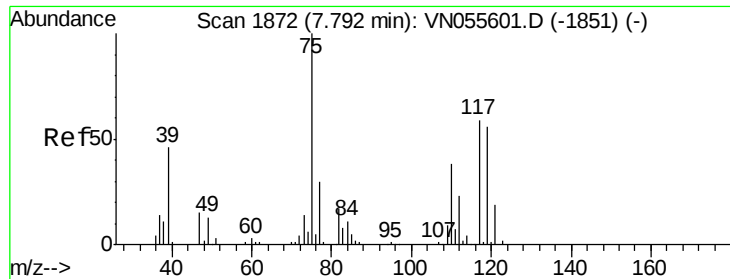
#35
 Dibromofluoromethane
 Concen: 47.864 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tgt Ion:113 Resp: 191080
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.5 123.7
 192 24.1 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: 4.589 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

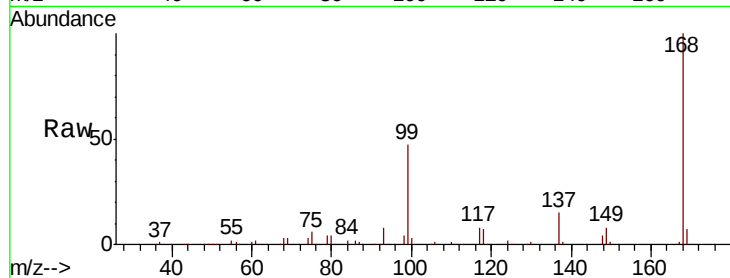
Tot Ion: 75 Resp: 25712

Ion Ratio Lower Upper

75 100

110 9.3 18.6 55.6#

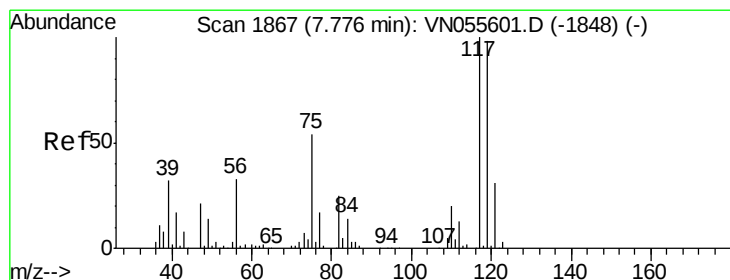
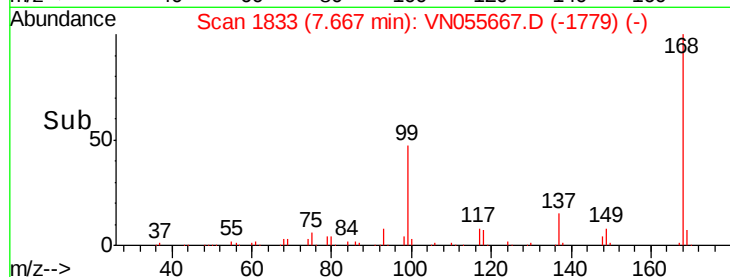
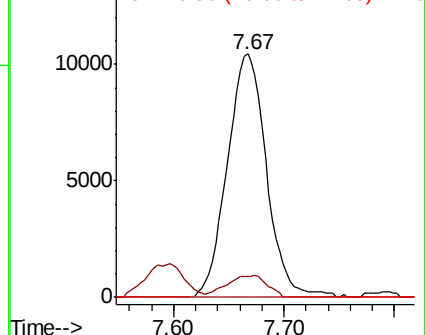
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-1851) (-)

Ion 109.90 (109.60 to 110.60): VN055601.D (-1851) (-)

Ion 76.90 (76.60 to 77.60): VN055601.D (-1851) (-)



#38

Carbon Tetrachloride

Concen: 5.996 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

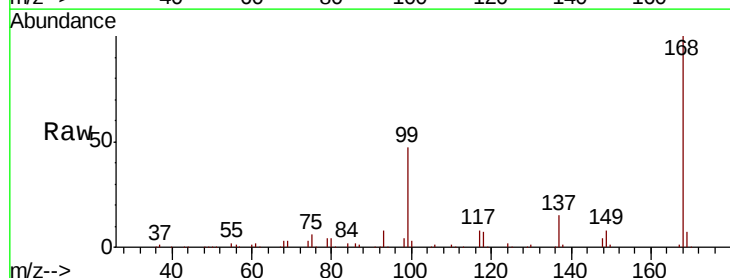
Tgt Ion: 117 Resp: 35899

Ion Ratio Lower Upper

117 100

119 4.7 77.8 116.8#

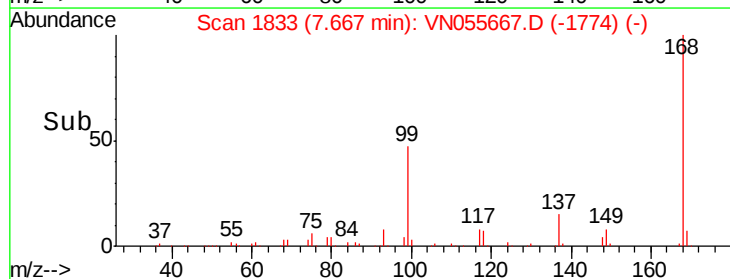
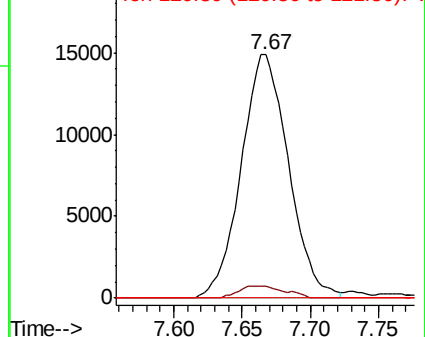
121 0.0 24.6 37.0#

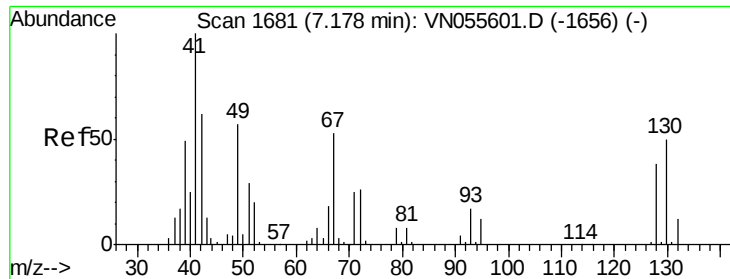


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)





#41

Methacrylonitrile

Concen: 0.446 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

Tot Ion: 41 Resp: 964

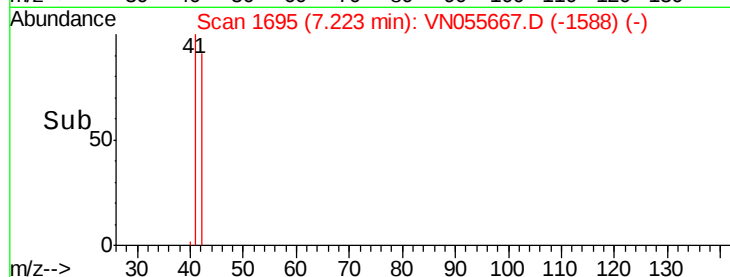
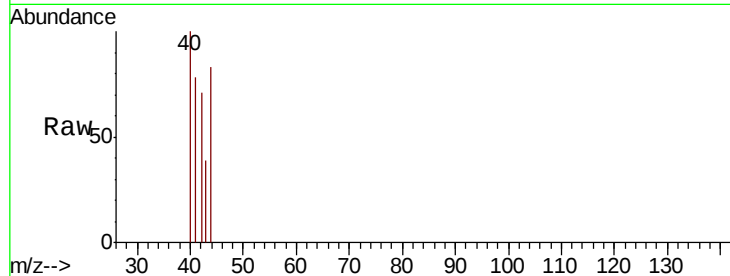
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

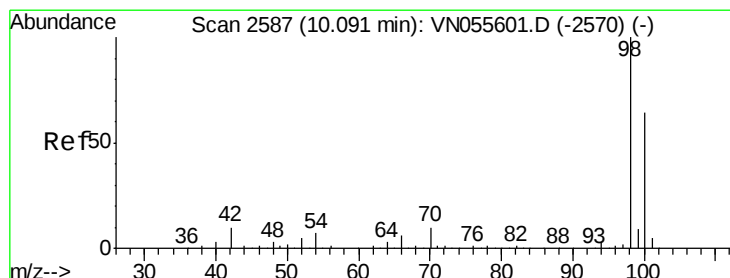
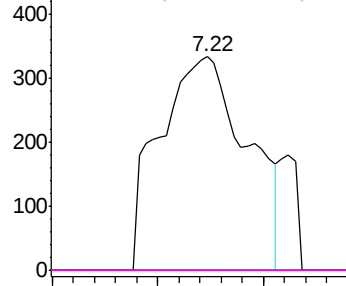


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#50

Toluene-d8

Concen: 47.969 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055667.D

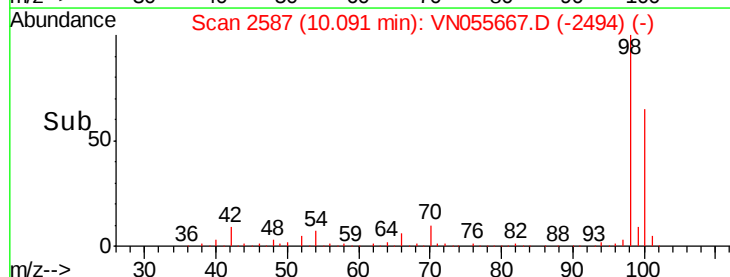
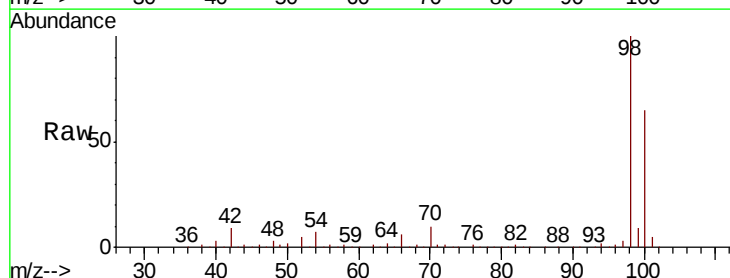
Acq: 20 May 2019 12:26

Tgt Ion: 98 Resp: 724081

Ion Ratio Lower Upper

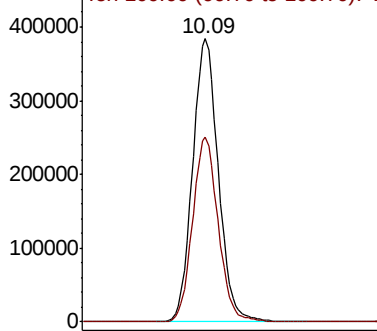
98 100

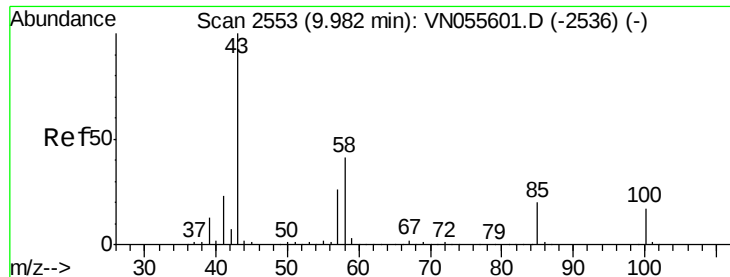
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.233 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055667.D

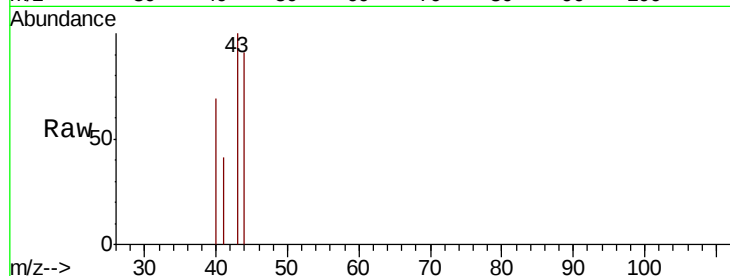
Acq: 20 May 2019 12:26

Tot Ion: 43 Resp: 1204

Ion Ratio Lower Upper

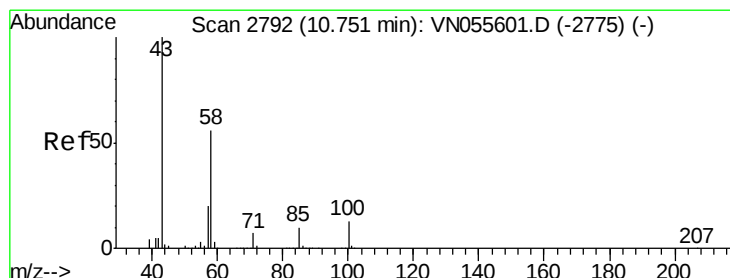
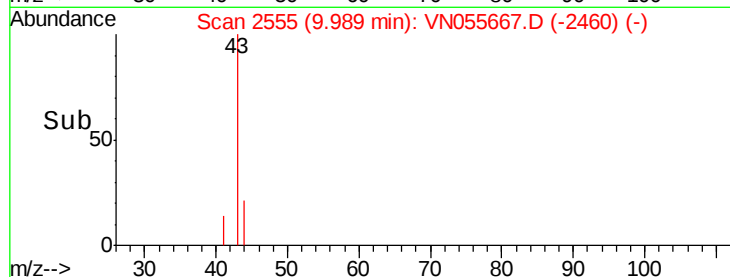
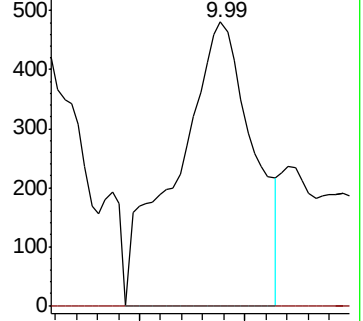
43 100

58 0.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#59

2-Hexanone

Concen: 0.319 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055667.D

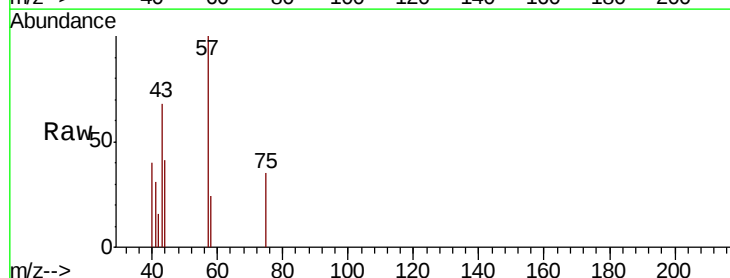
Acq: 20 May 2019 12:26

Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

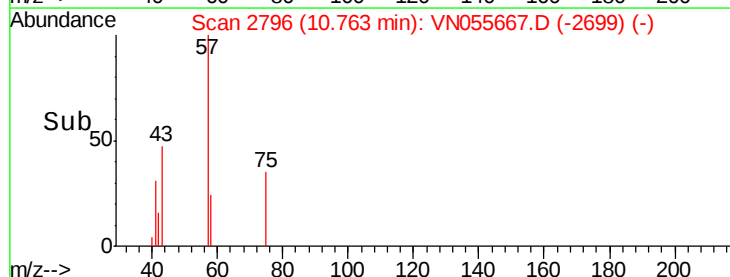
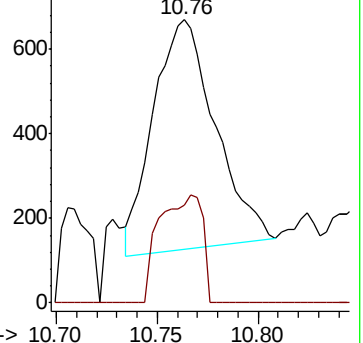
43 100

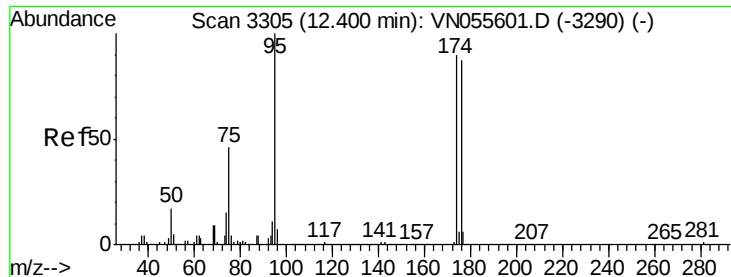
58 32.7 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.270 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

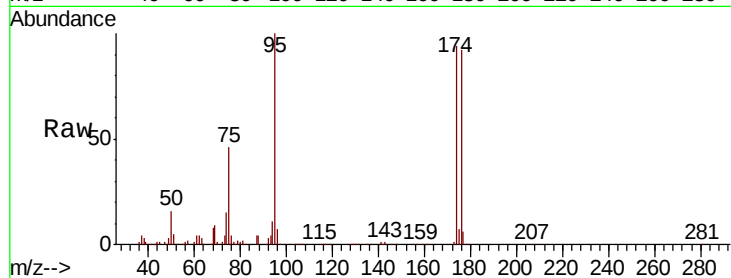
Tot Ion: 95 Resp: 225544

Ion Ratio Lower Upper

95 100

174 94.3 0.0 180.6

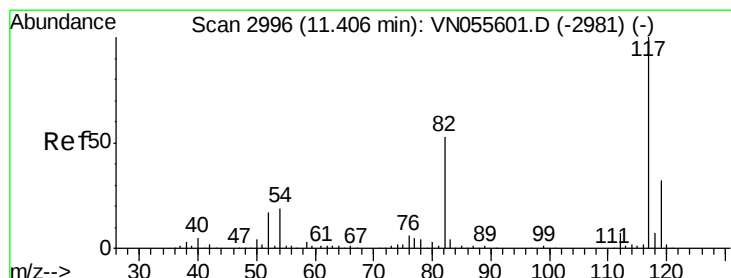
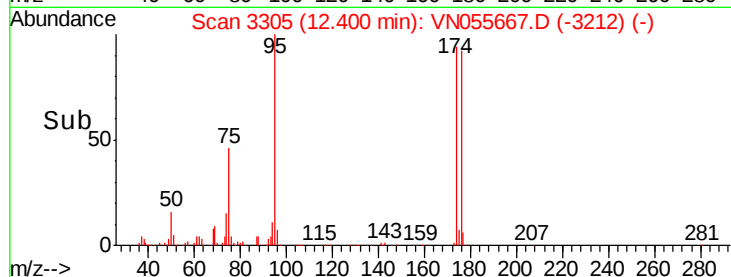
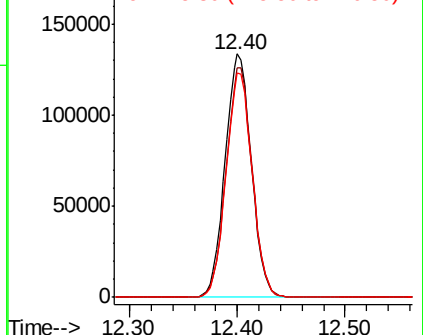
176 92.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055667.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055667.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055667.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

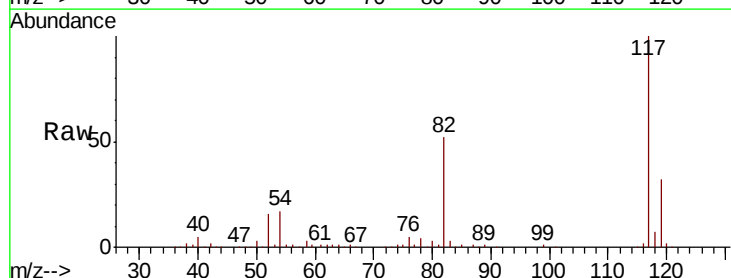
Tgt Ion: 117 Resp: 529414

Ion Ratio Lower Upper

117 100

82 51.6 42.3 63.5

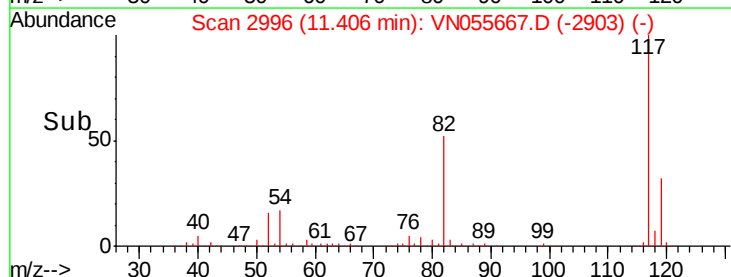
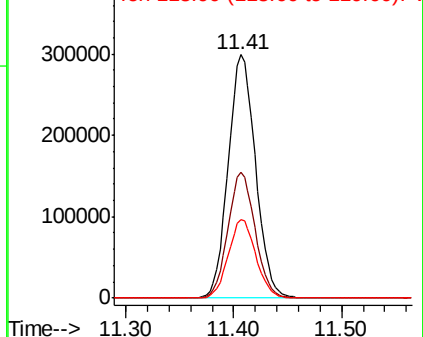
119 32.3 25.4 38.2

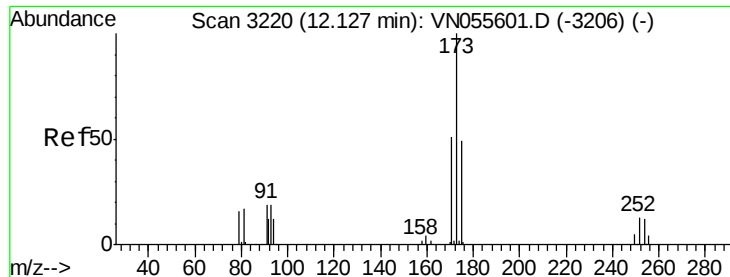


Abundance Ion 116.90 (116.60 to 117.60): VN055667.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055667.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055667.D (-2903) (-)





#71

Bromoform

Concen: 0.459 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

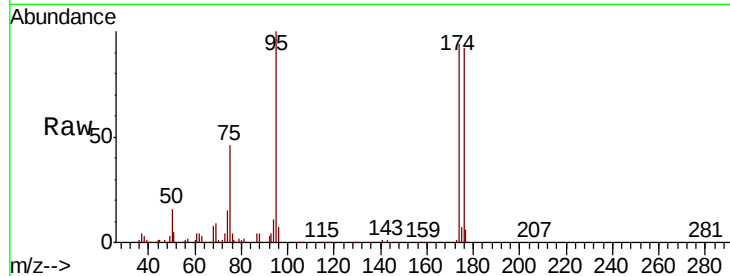
Tot Ion:173 Resp: 1677

Ion Ratio Lower Upper

173 100

175 823.6 24.3 72.9#

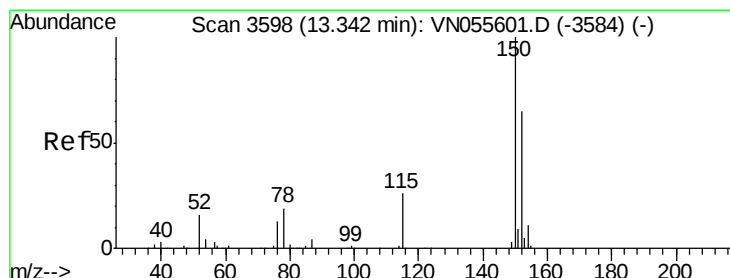
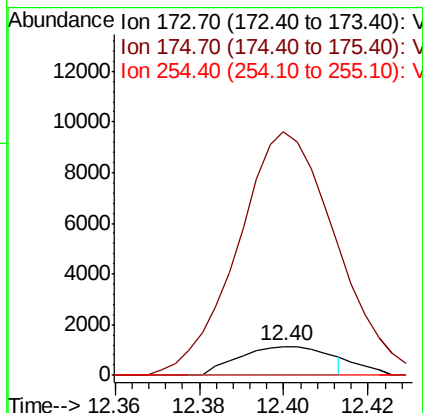
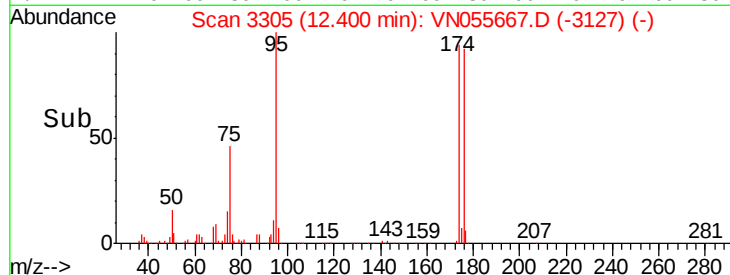
254 0.0 0.1 0.1#



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: VN055667.D

Acq: 20 May 2019 12:26

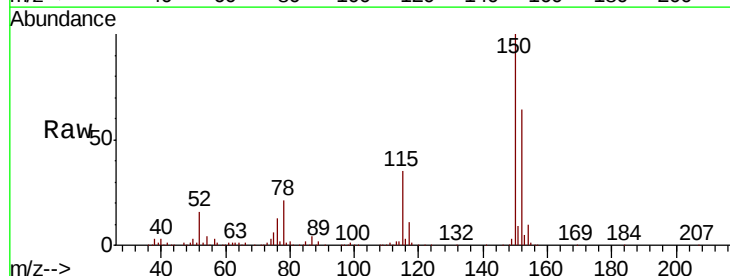
Tgt Ion:152 Resp: 190077

Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.2

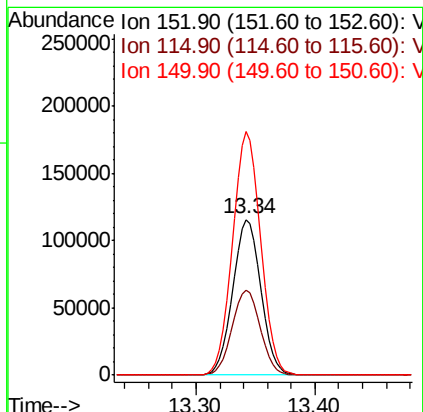
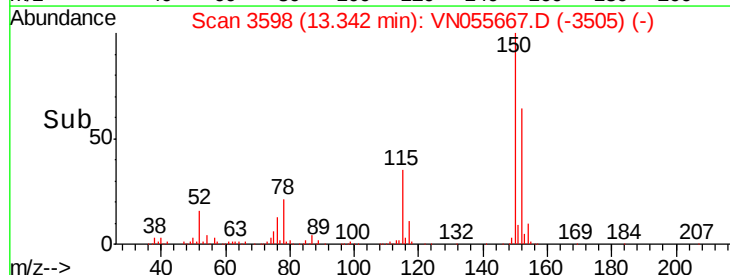
150 156.1 0.0 348.0

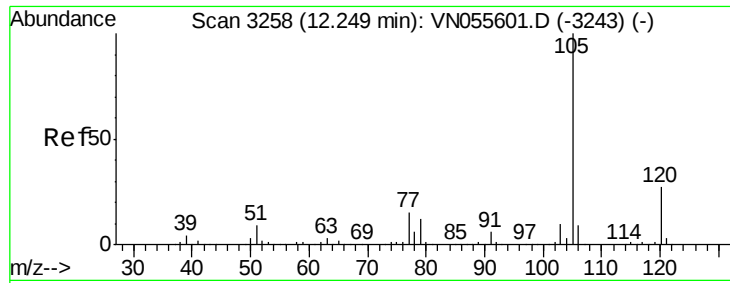


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055667.D

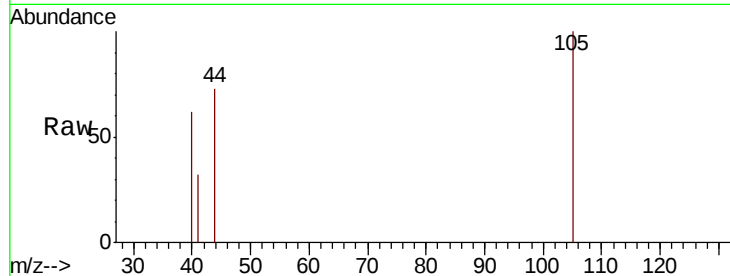
Acq: 20 May 2019 12:26

Tot Ion: 105 Resp: 1031

Ion Ratio Lower Upper

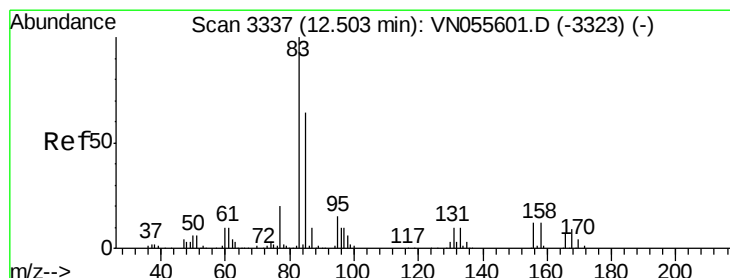
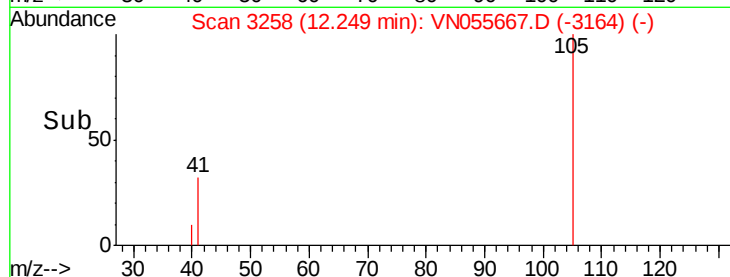
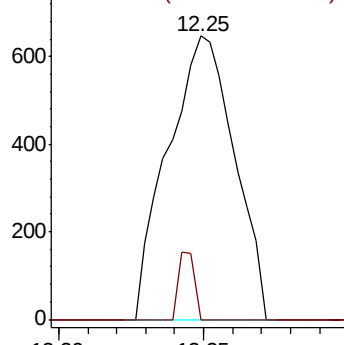
105 100

120 5.7 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

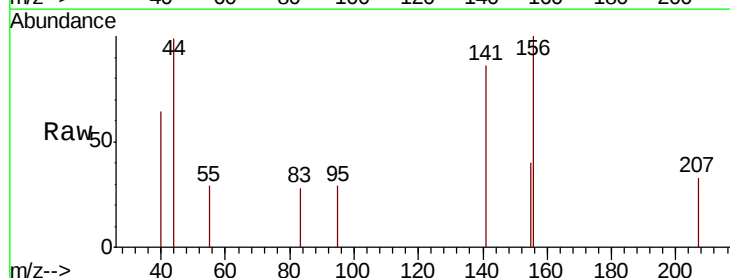
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

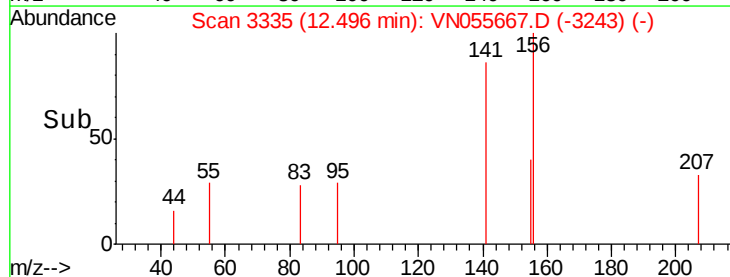
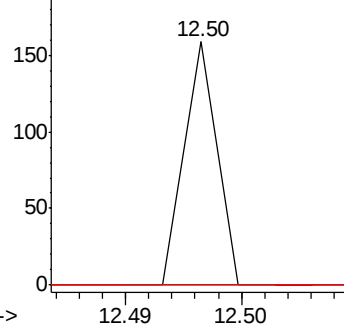
85 0.0 32.0 96.2#

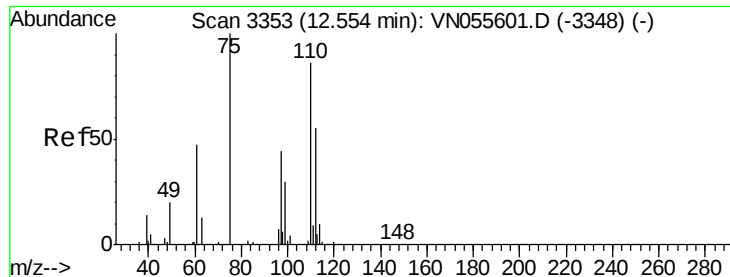


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

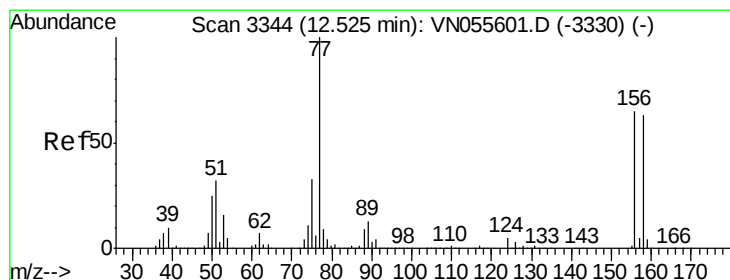
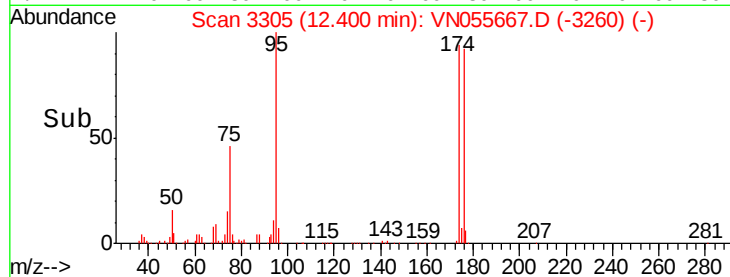
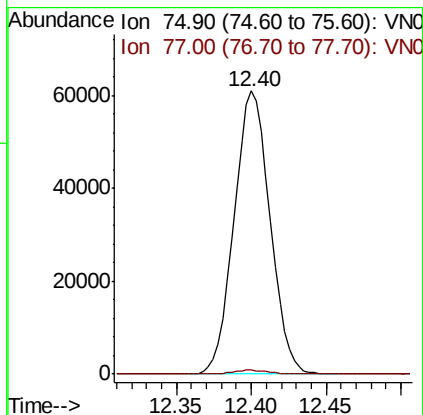
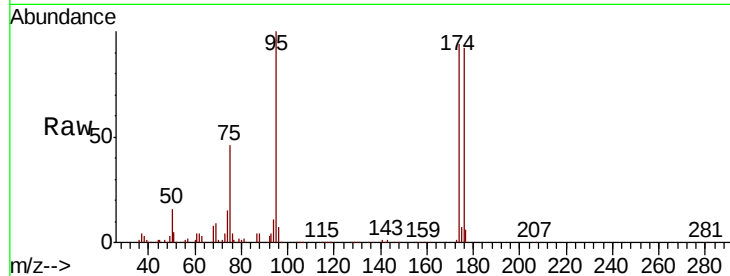




#76

1,2,3-Trichloropropane
Concen: 26.292 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

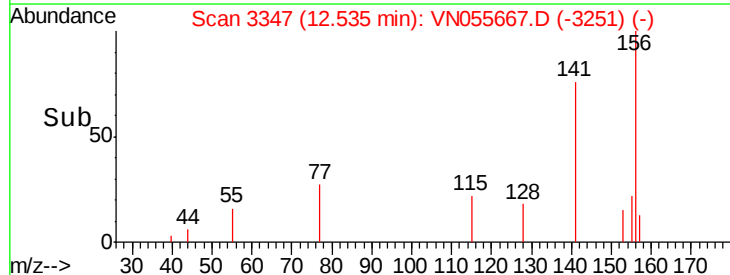
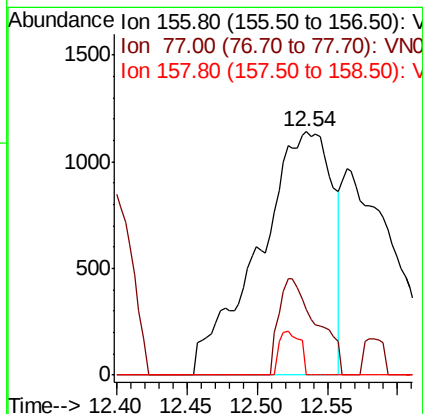
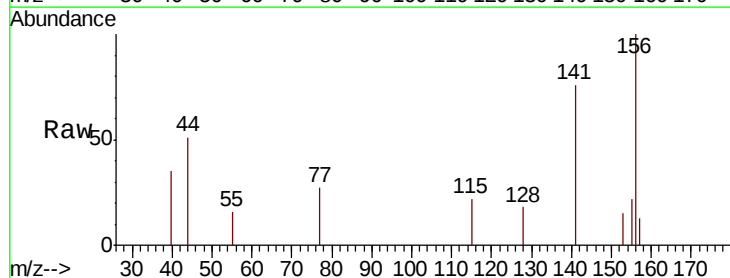
Tot Ion: 75 Resp: 101975
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

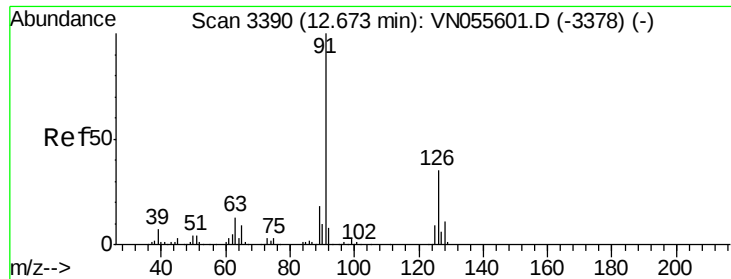


#77

Bromobenzene
Concen: 1.064 ug/l
RT: 12.54 min Scan# 3347
Delta R.T. 0.01 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

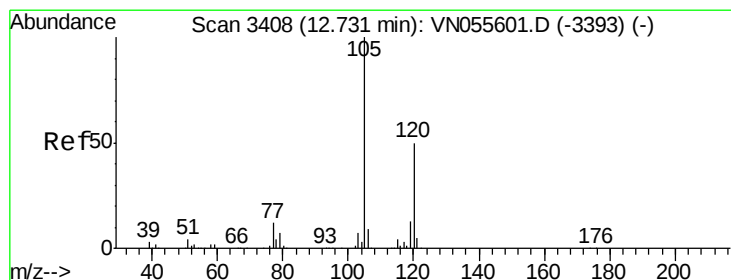
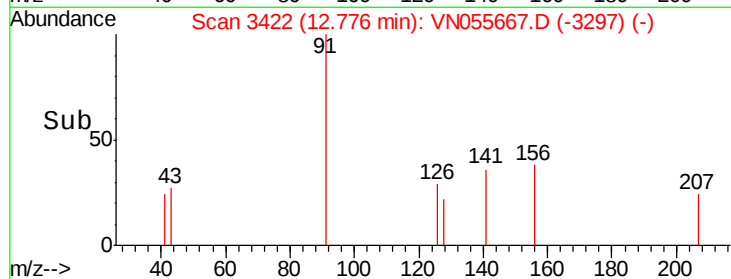
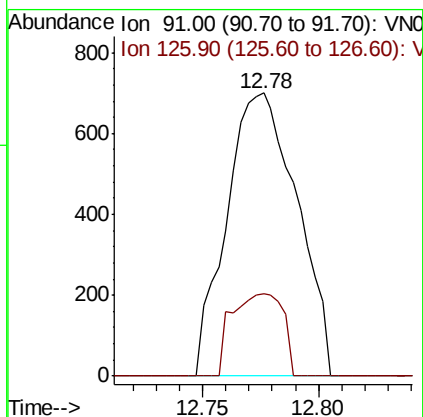
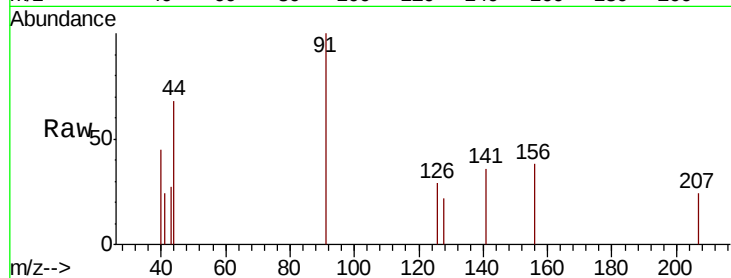
Tgt Ion: 156 Resp: 4154
Ion Ratio Lower Upper
156 100
77 20.2 94.5 283.5#
158 5.0 49.0 147.2#





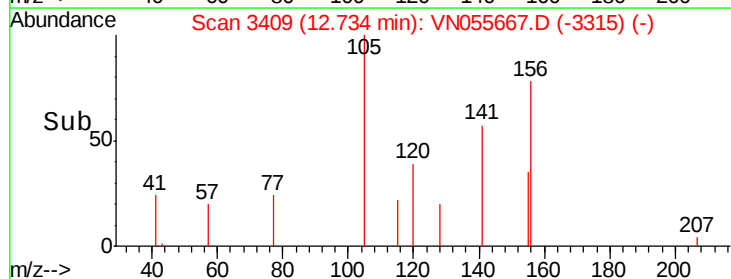
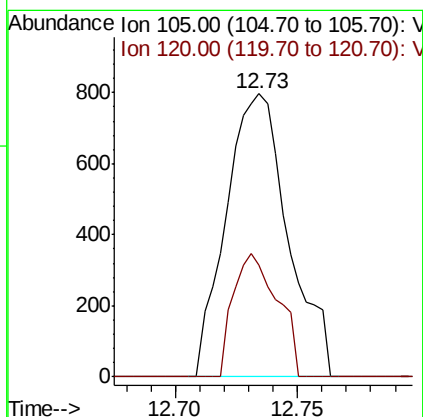
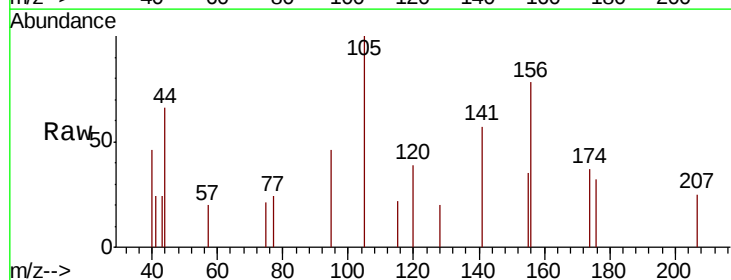
#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.10 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

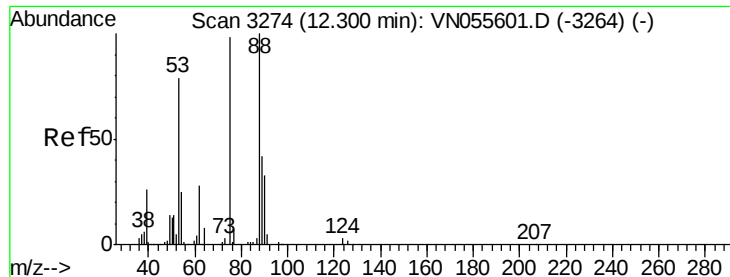
Tot Ion: 91 Resp: 1474
 Ion Ratio Lower Upper
 91 100
 126 21.2 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tgt Ion: 105 Resp: 1407
 Ion Ratio Lower Upper
 105 100
 120 31.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

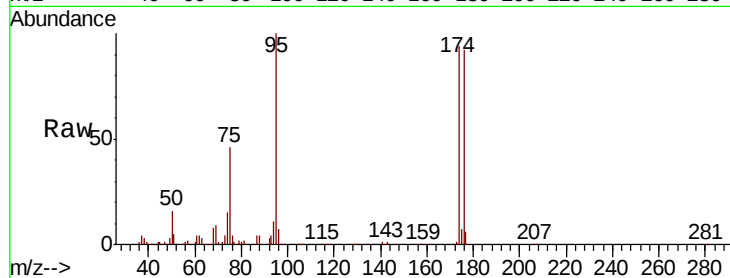
Tot Ion: 75 Resp: 101975

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

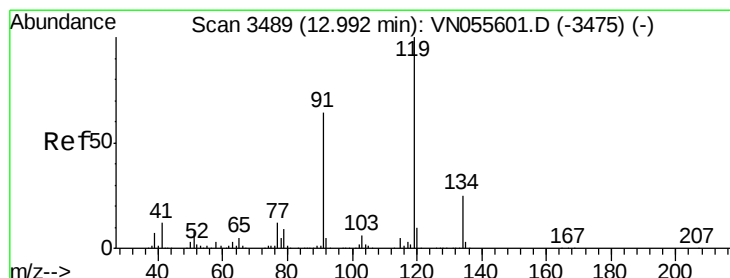
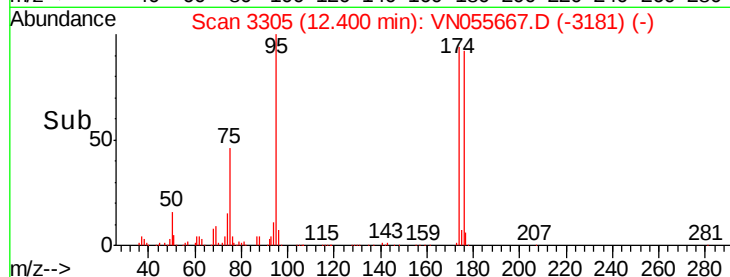
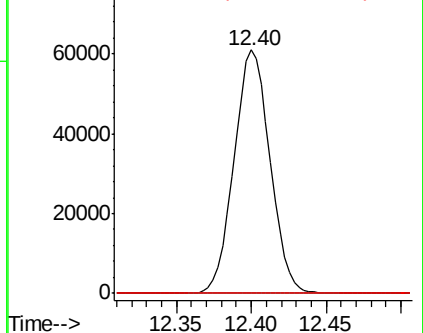
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

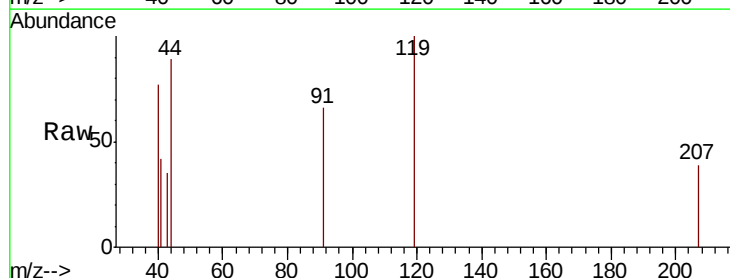
Tgt Ion: 119 Resp: 796

Ion Ratio Lower Upper

119 100

91 72.4 31.3 93.8

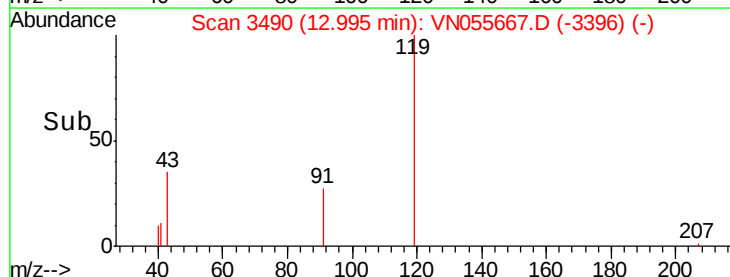
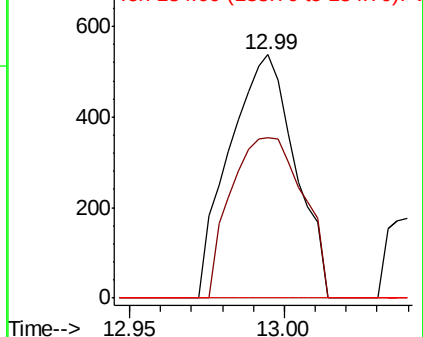
134 0.0 13.2 39.6#

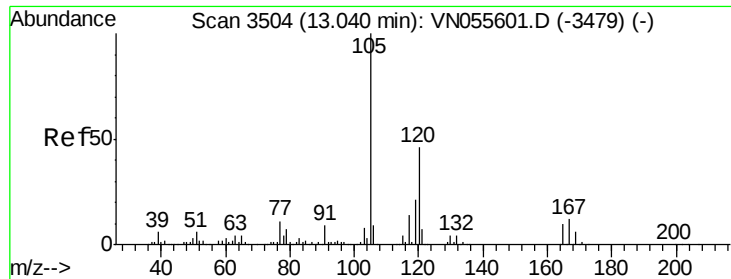


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

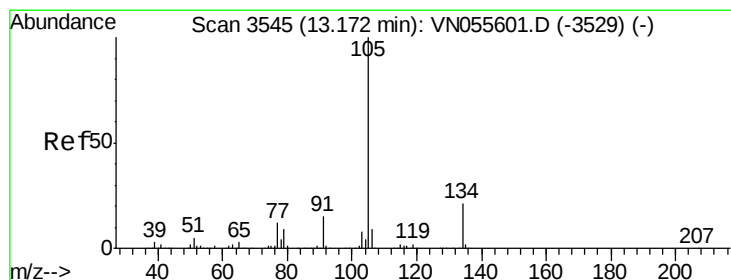
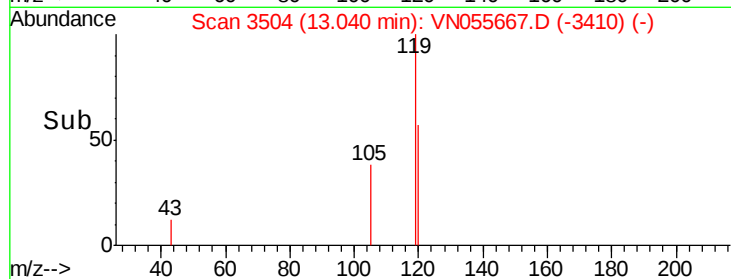
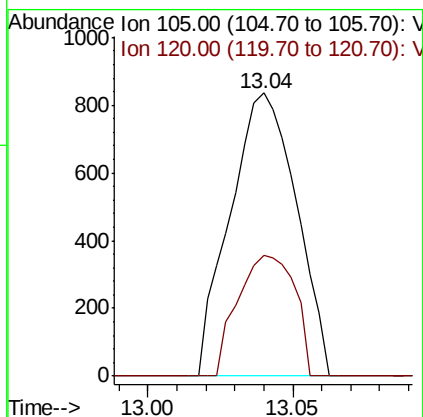
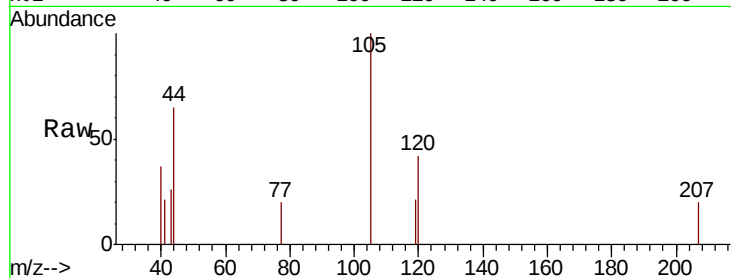
Ion 134.00 (133.70 to 134.70): V





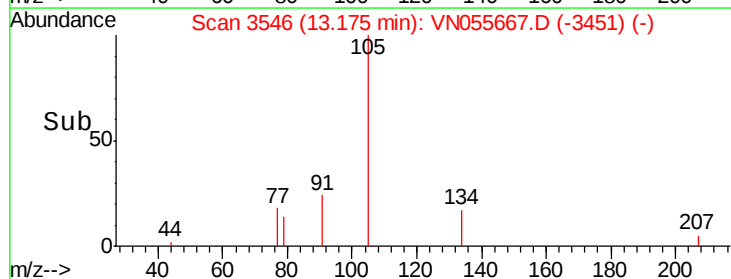
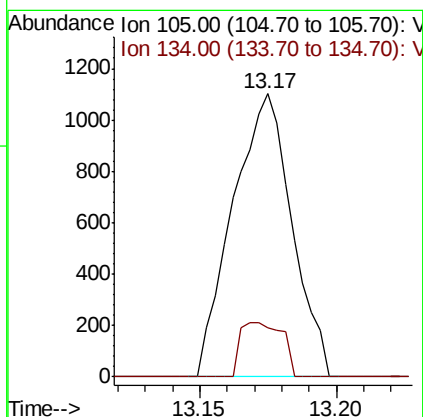
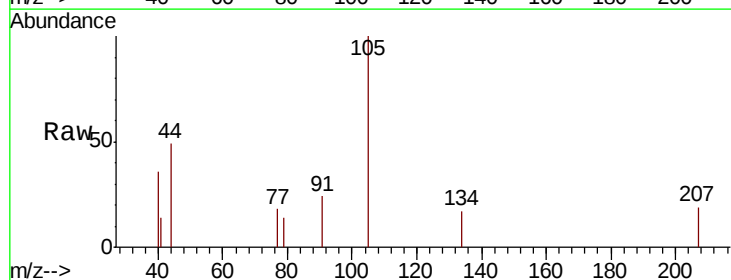
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

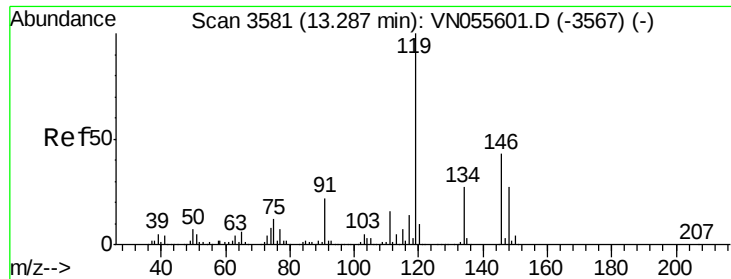
Tot Ion:105 Resp: 1325
Ion Ratio Lower Upper
105 100
120 36.6 23.1 69.2



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN055667.D
Acq: 20 May 2019 12:26

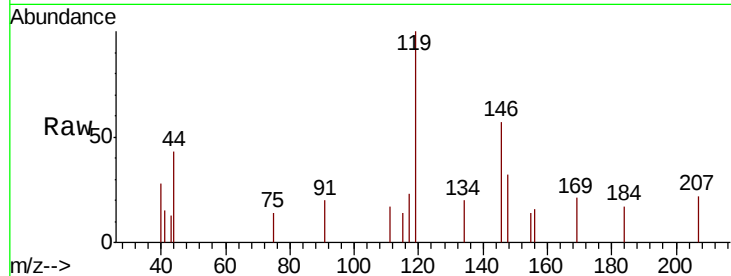
Tgt Ion:105 Resp: 1658
Ion Ratio Lower Upper
105 100
134 13.4 10.3 30.9



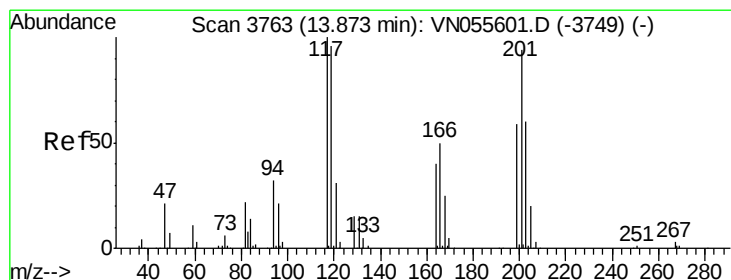
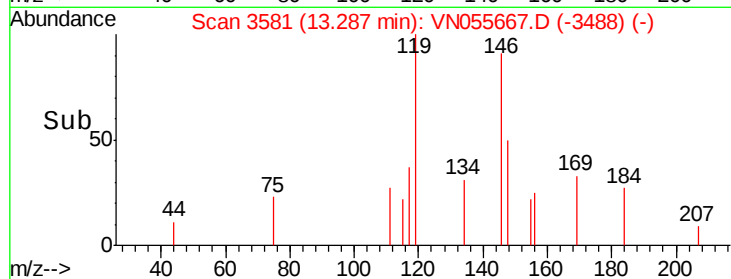
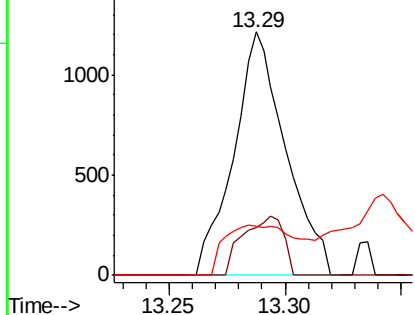


#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tot Ion	Ratio	Lower	Upper
119	100		
134	18.7	13.4	40.2
91	28.4	11.0	33.0

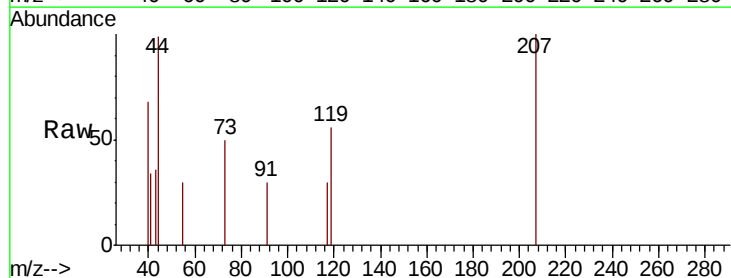


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

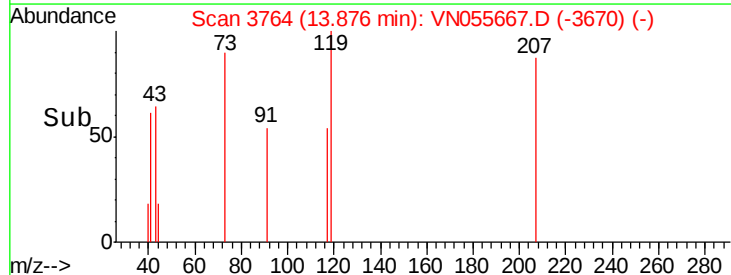
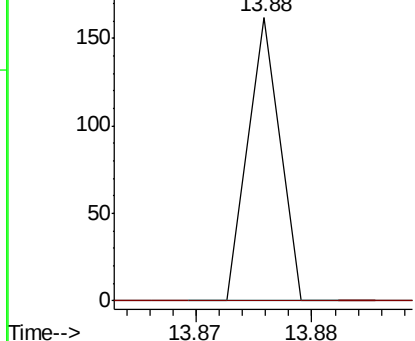


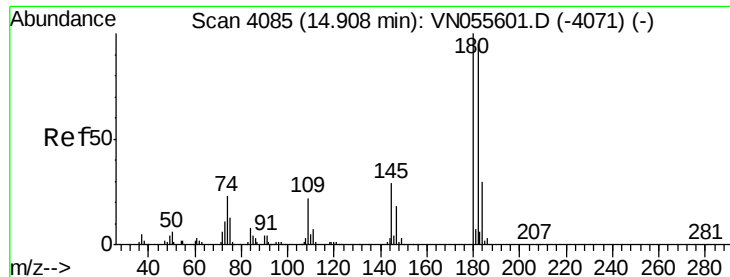
#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.88 min Scan# 3764
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	47.1	141.3



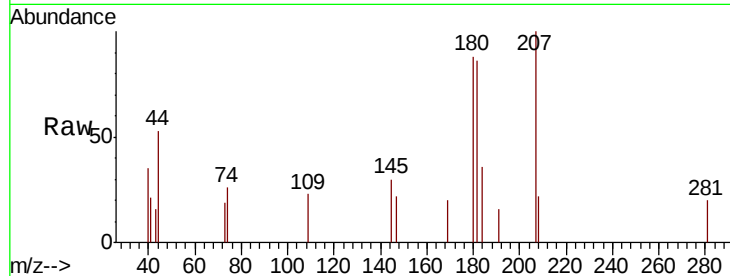
Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V



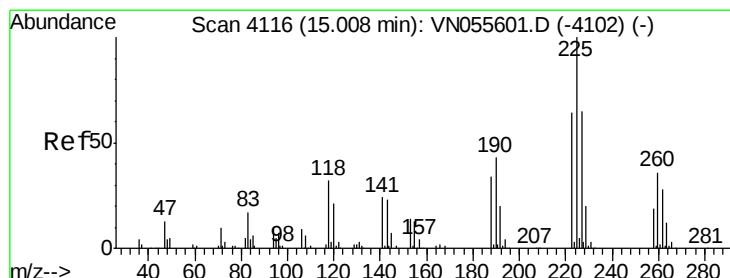
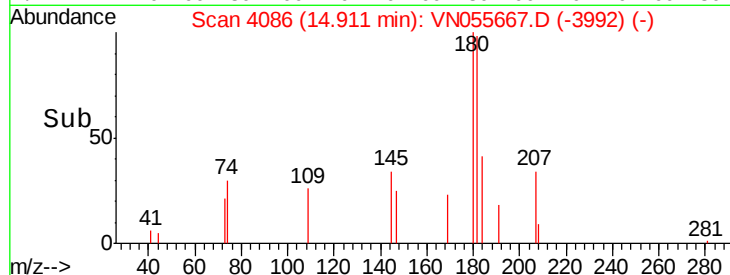
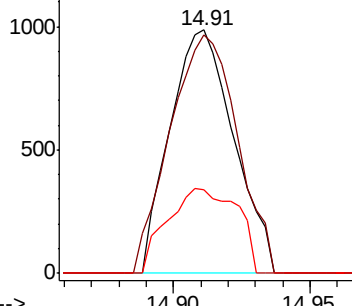


#93
 1,2,4-Trichlorobenzene
 Concen: 0.489 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.4	47.9	143.6
145	38.2	14.3	42.9

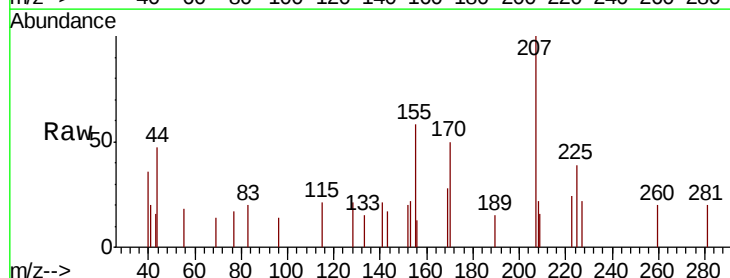


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

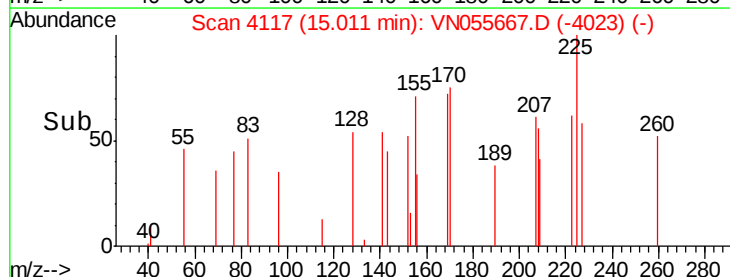
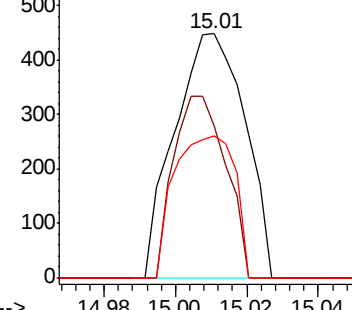


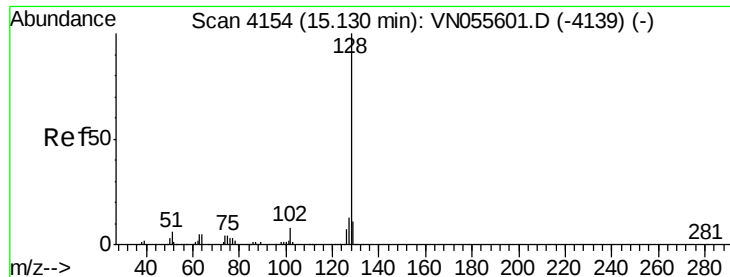
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055667.D
 Acq: 20 May 2019 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.3	31.6	94.7
227	50.2	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 2.376 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

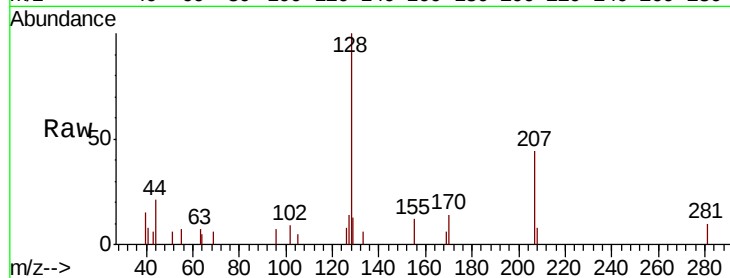
Tot Ion:128 Resp: 6264

Ion Ratio Lower Upper

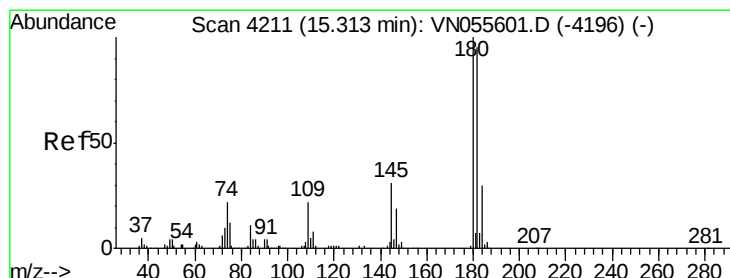
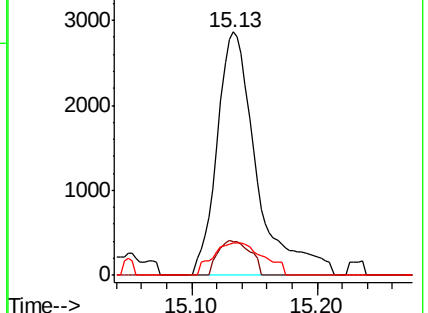
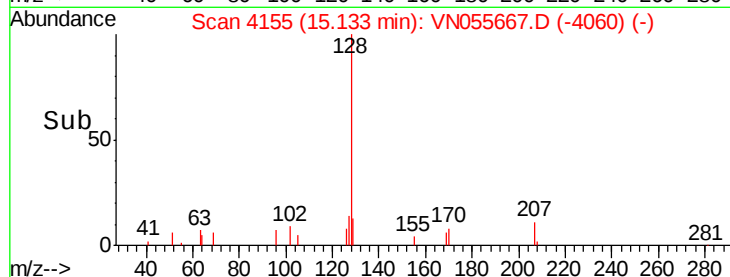
128 100

127 11.5 10.2 15.4

129 16.9 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: 0.635 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055667.D

Acq: 20 May 2019 12:26

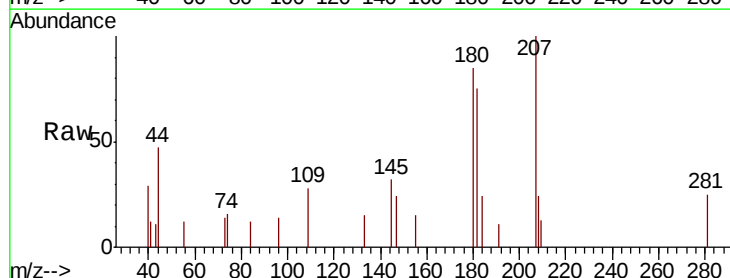
Tgt Ion:180 Resp: 2175

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.6

145 39.6 15.4 46.1



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

