

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054072.D
 Acq On : 4 Mar 2019 18:14
 Operator : JC/SP
 Sample : K1688-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 04 23:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1074288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1068825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	402020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	393325	57.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.24%	
35) Dibromofluoromethane	7.59	113	347182	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1385208	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.40	95	465525	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.78	59	96	0.220	ug/l #	73
13) Acrolein	3.61	56	95	0.210	ug/l #	14
14) Allyl chloride	4.55	41	19576	1.925	ug/l #	27
16) Acetone	3.82	43	15017	Below Cal	#	82
18) Methyl Acetate	4.34	43	4659	0.968	ug/l #	69
20) Methylene Chloride	4.55	84	465412	68.294	ug/l	90
25) 2-Butanone	6.85	43	2688	0.994	ug/l #	88
30) Chloroform	7.37	83	7389	0.633	ug/l	92
31) Cyclohexane	7.67	56	10803	0.576	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40071	4.011	ug/l #	47
38) Carbon Tetrachloride	7.67	117	50305	4.841	ug/l #	16
43) Isopropyl Acetate	8.17	43	41796	3.470	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	2435	0.294	ug/l #	44
48) Methyl methacrylate	9.18	41	14060	2.538	ug/l #	21
49) 1,4-Dioxane	9.27	88	68	0.906	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11723	1.894	ug/l #	34
52) Toluene	10.16	92	9660	0.535	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	79561	6.847	ug/l #	72
56) Ethyl methacrylate	10.54	69	1817	2.152	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	16459	1.443	ug/l #	43
59) 2-Hexanone	10.76	43	237479	58.995	ug/l #	48
67) Ethyl Benzene	11.51	91	7697	0.204	ug/l	95
68) m/p-Xylenes	11.62	106	13357	0.936	ug/l	97
69) o-Xylene	11.95	106	9710	0.692	ug/l	97
71) Bromoform	12.40	173	1432	0.253	ug/l #	1
74) N-amyl acetate	11.88	43	23732	2.893	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	228218	35.388	ug/l #	100
78) n-propylbenzene	12.59	91	11126	0.313	ug/l	97
79) 2-Chlorotoluene	12.65	91	8079	0.378	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	28146	1.099	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	228218	111.847	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	89329	3.493	ug/l	97
90) Hexachloroethane	13.89	117	2270	0.448	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	319	2.264	ug/l #	78

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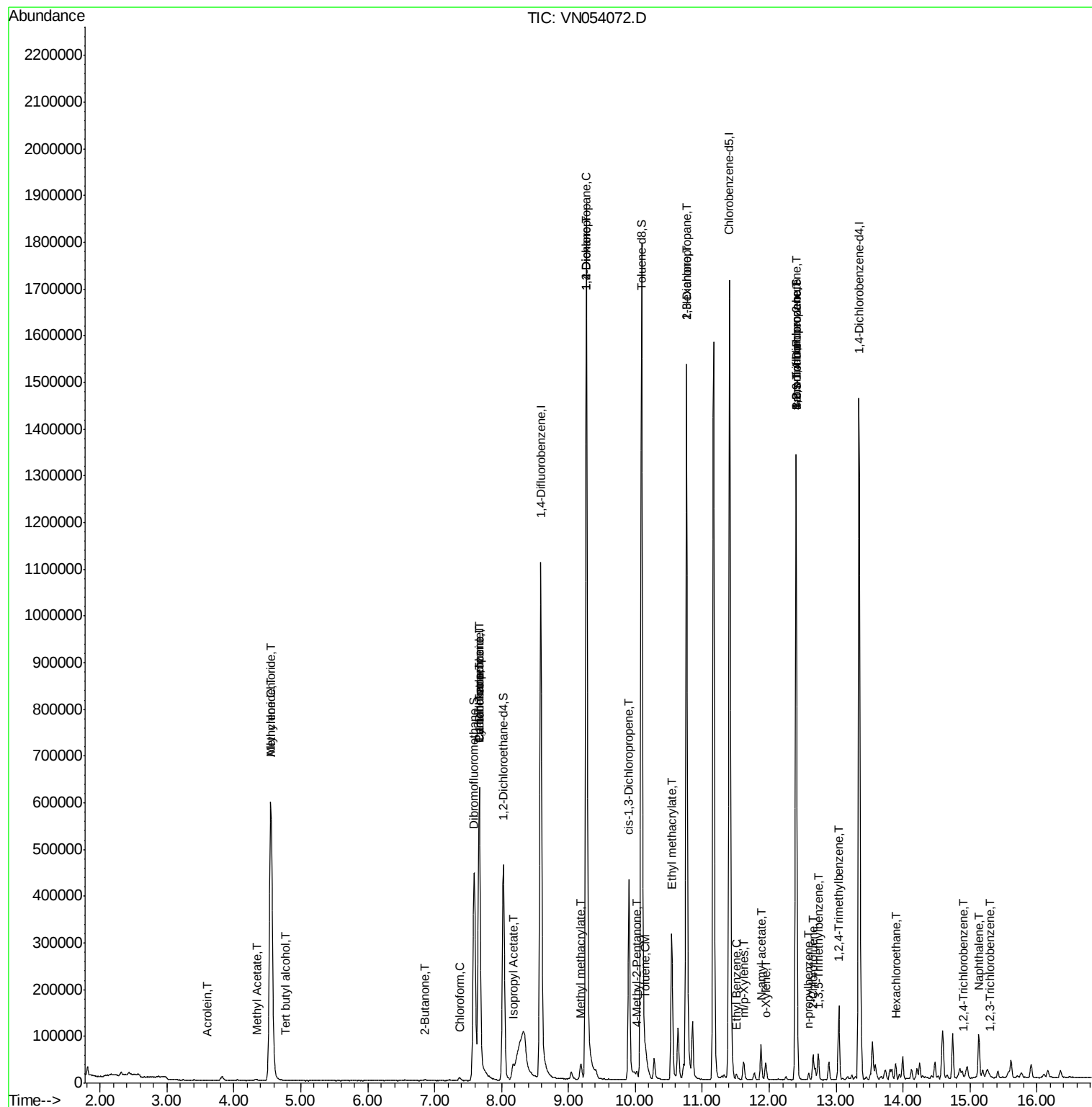
Quant Time: Mar 04 23:56:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

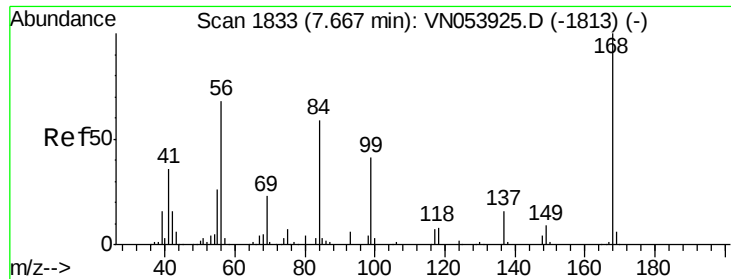
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	79519	7.886	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	351	1.606	ug/l #	1

(#) = 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: VN054072.D

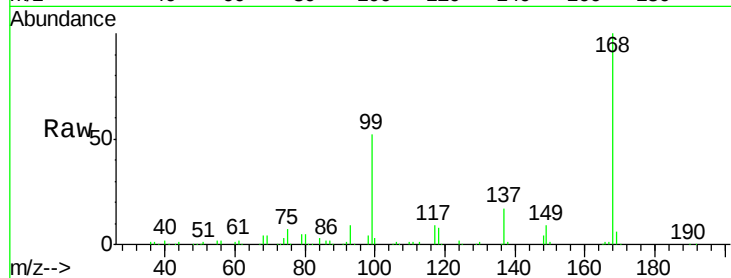
Acq: 4 Mar 2019 18:14

Tot Ion:168 Resp: 587396

Ion Ratio Lower Upper

168 100

99 52.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054072.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054072.D (-1740) (-)

7.67

250000

200000

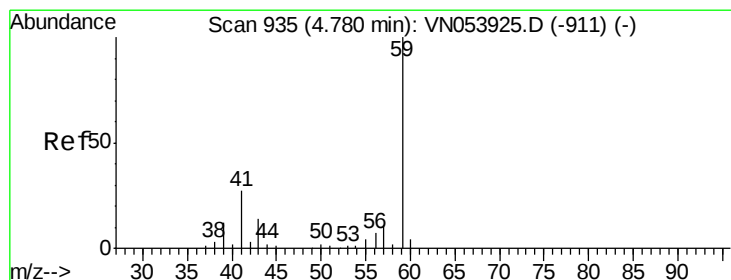
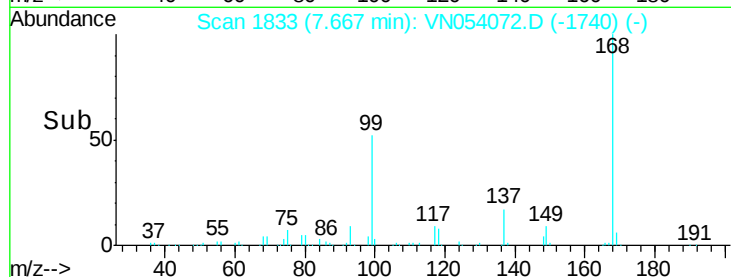
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 0.220 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN054072.D

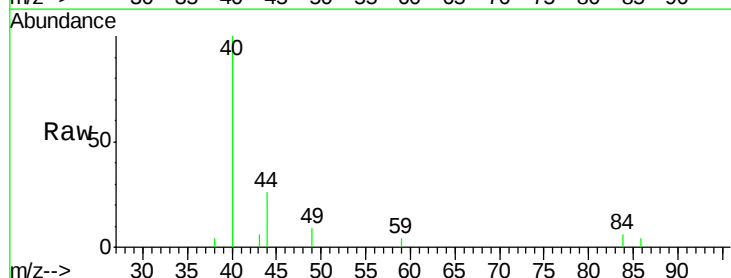
Acq: 4 Mar 2019 18:14

Tgt Ion: 59 Resp: 96

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN054072.D (-842) (-)

Ion 57.00 (56.70 to 57.70): VN054072.D (-842) (-)

4.78

200

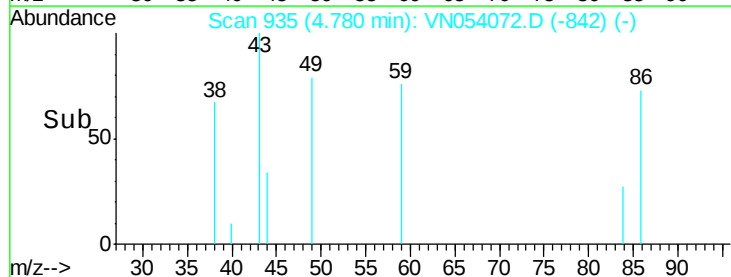
150

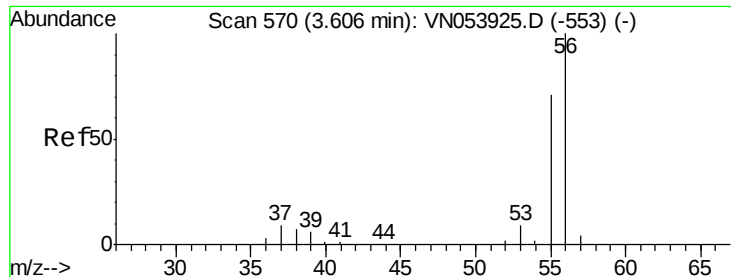
100

50

0

Time--> 4.77 4.78 4.79





#13

Acrolein

Concen: 0.210 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054072.D

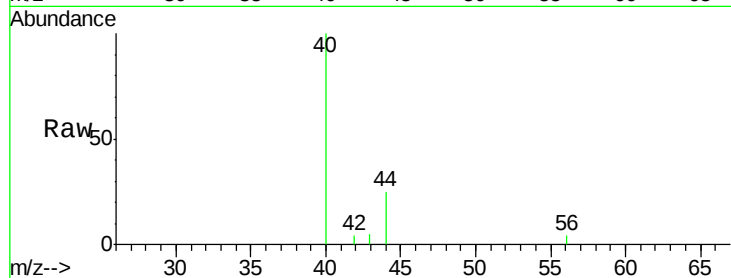
Acq: 4 Mar 2019 18:14

Tot Ion: 56 Resp: 95

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

3.61

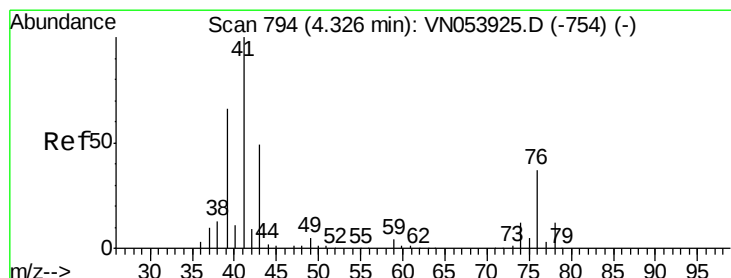
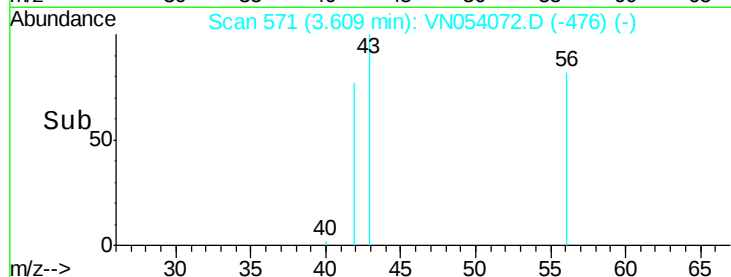
150

100

50

0

Time--> 3.59 3.60 3.61 3.62



#14

Allyl chloride

Concen: 1.925 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

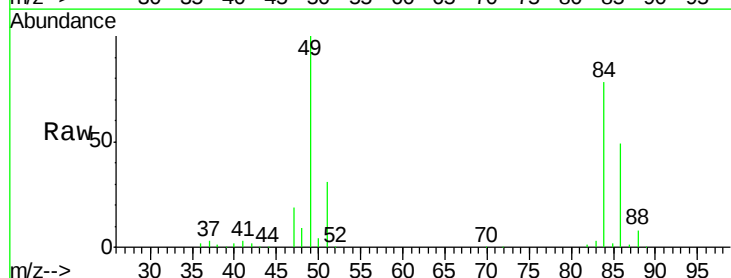
Tgt Ion: 41 Resp: 19576

Ion Ratio Lower Upper

41 100

39 0.7 48.8 73.2#

76 0.0 30.9 46.3#



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

8000

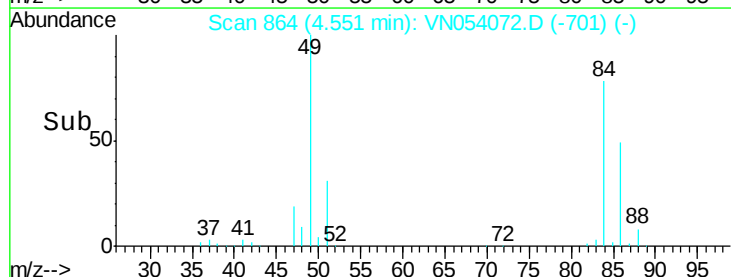
6000

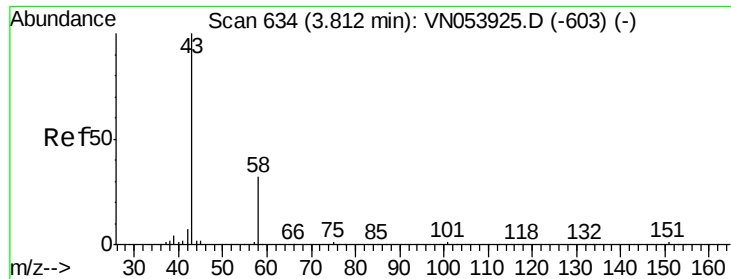
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054072.D

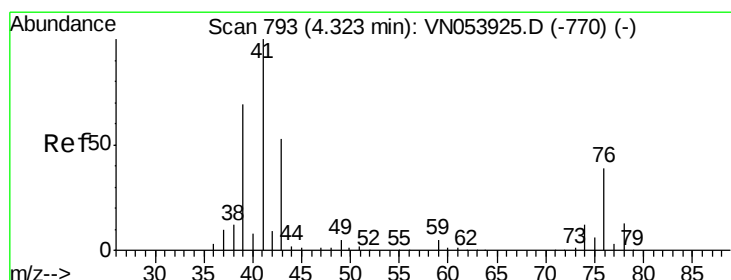
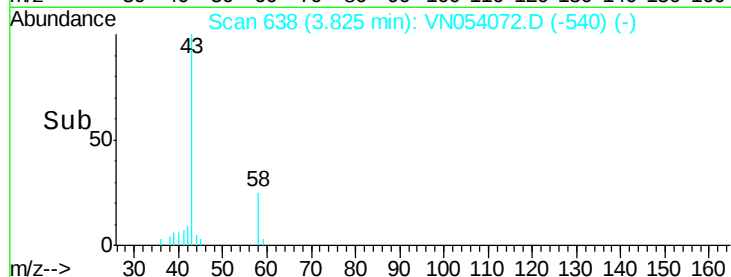
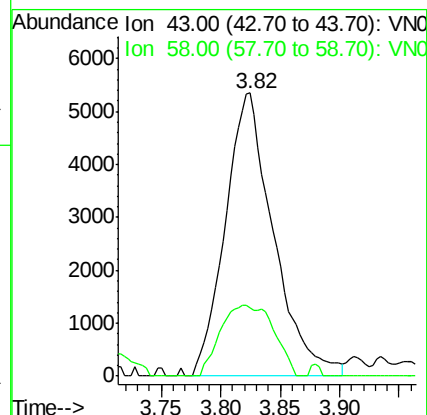
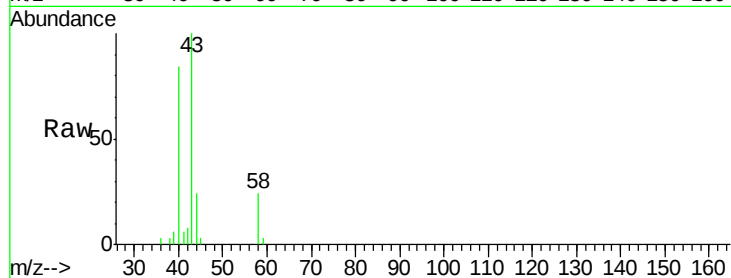
Acq: 4 Mar 2019 18:14

Tot Ion: 43 Resp: 15017

Ion Ratio Lower Upper

43 100

58 24.0 27.6 41.4#



#18

Methyl Acetate

Concen: 0.968 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN054072.D

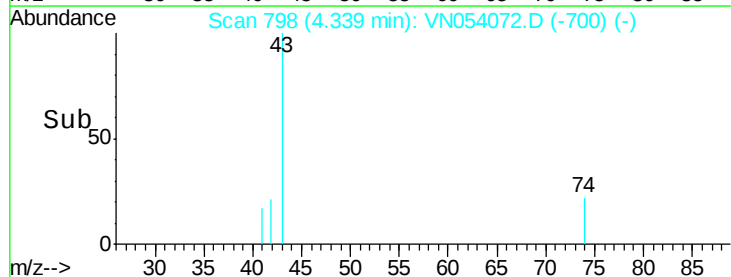
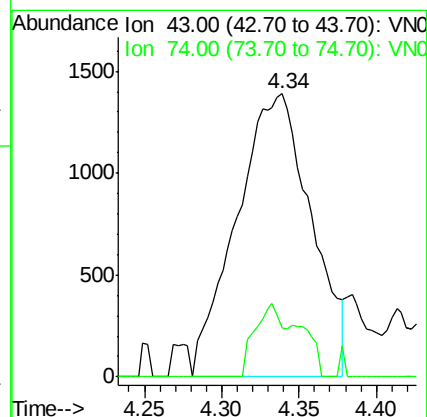
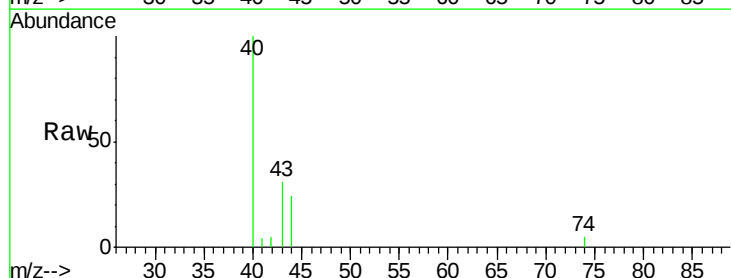
Acq: 4 Mar 2019 18:14

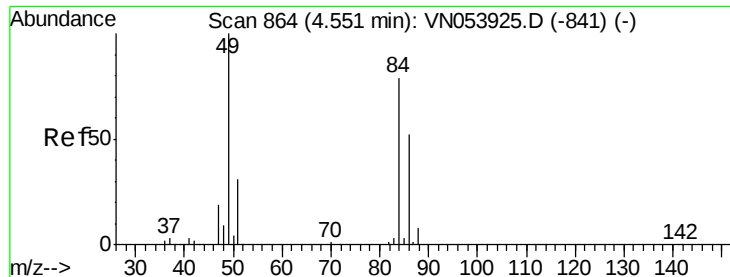
Tgt Ion: 43 Resp: 4659

Ion Ratio Lower Upper

43 100

74 10.0 20.5 30.7#

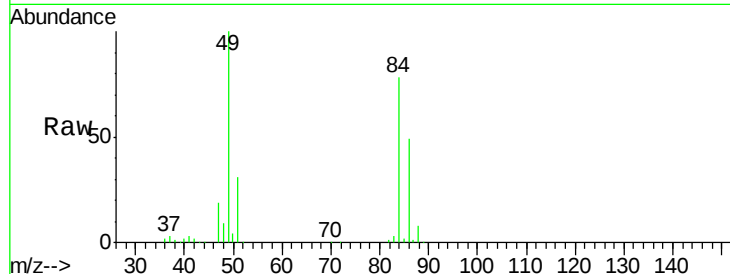




#20
Methvlene Chloride
Concen: 68.294 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion: 84 Resp: 465412

Ion	Ratio	Lower	Upper
84	100		
49	128.0	89.7	134.5
51	39.4	27.8	41.8
86	63.0	51.3	76.9



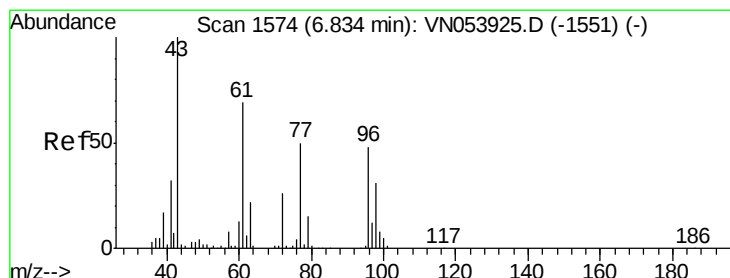
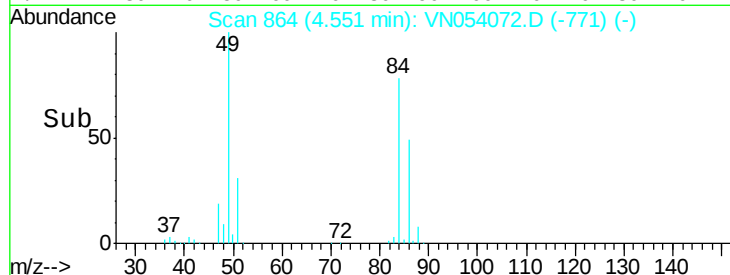
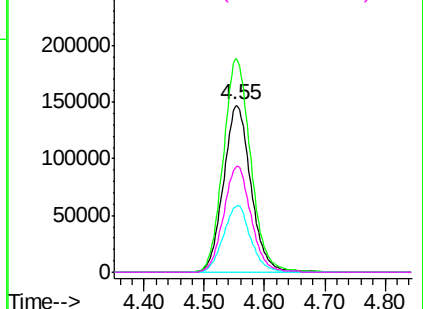
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

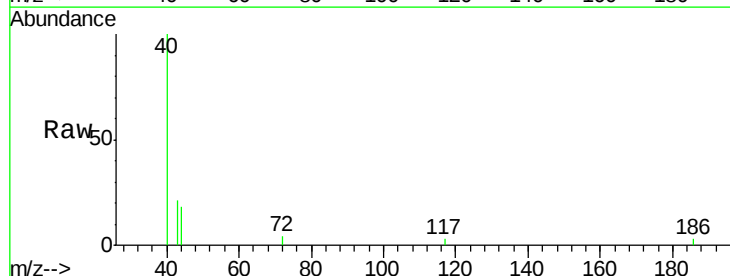
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 0.994 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tgt Ion: 43 Resp: 2688

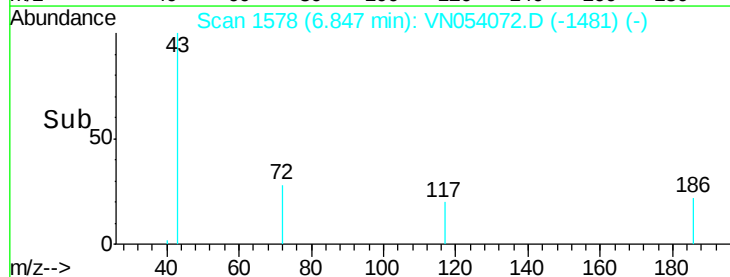
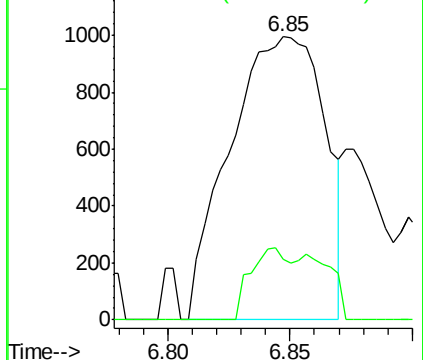
Ion	Ratio	Lower	Upper
43	100		
72	21.4	22.1	33.1#

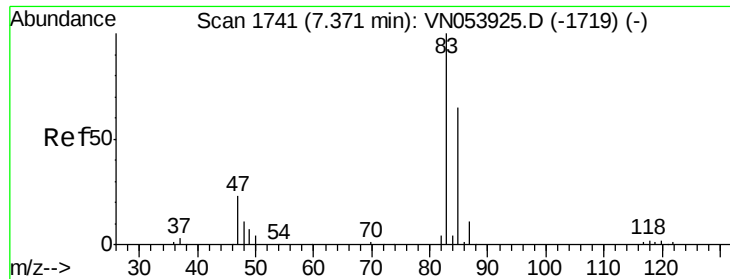


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#30

Chloroform

Concen: 0.633 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054072.D

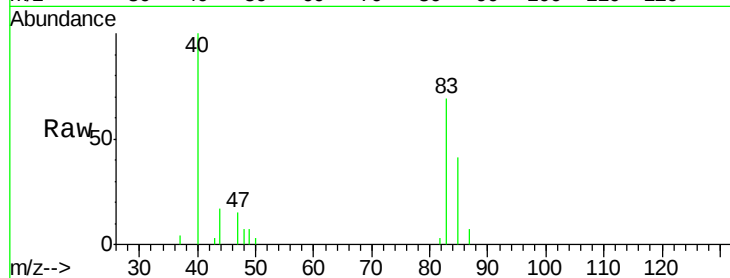
Acq: 4 Mar 2019 18:14

Tot Ion: 83 Resp: 7389

Ion Ratio Lower Upper

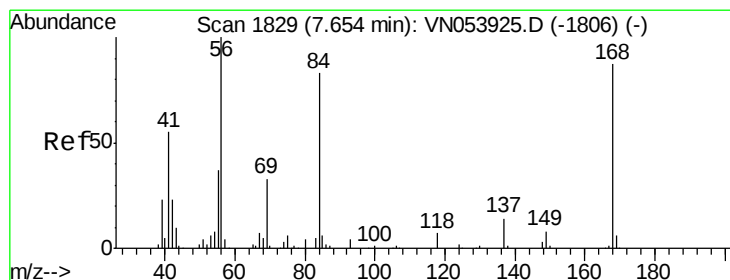
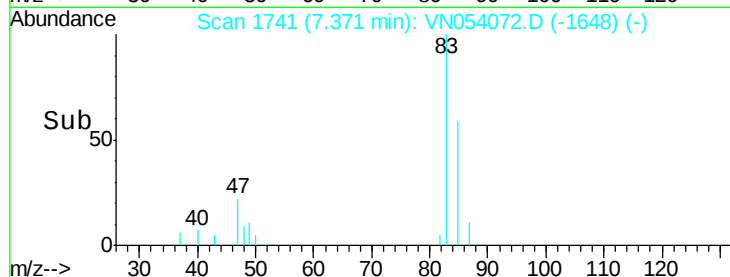
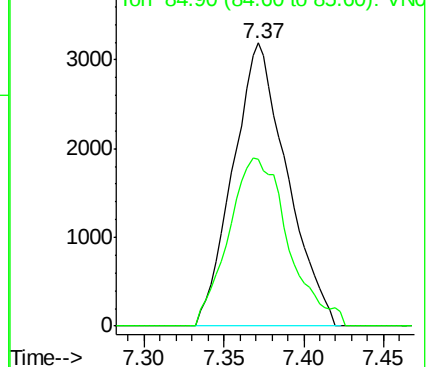
83 100

85 59.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC



#31

Cyclohexane

Concen: 0.576 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

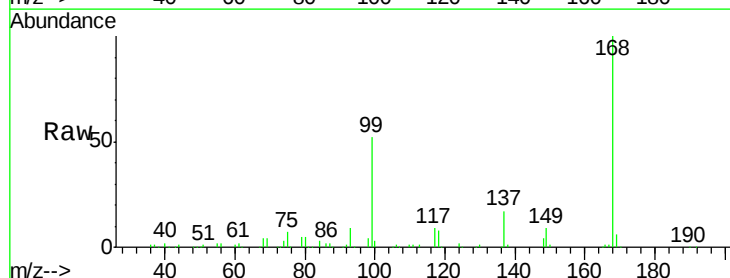
Tgt Ion: 56 Resp: 10803

Ion Ratio Lower Upper

56 100

69 174.8 26.0 39.0#

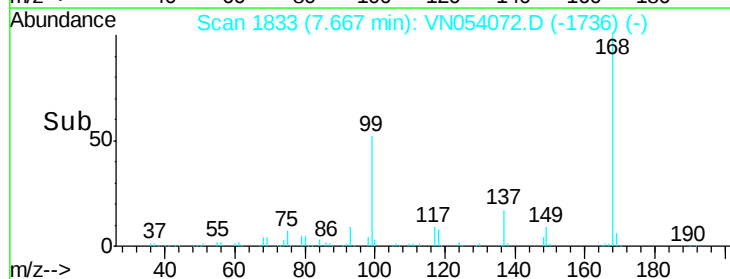
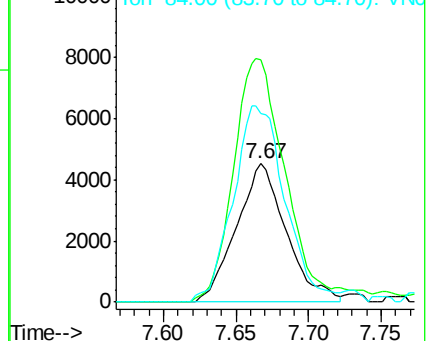
84 136.6 69.1 103.7#

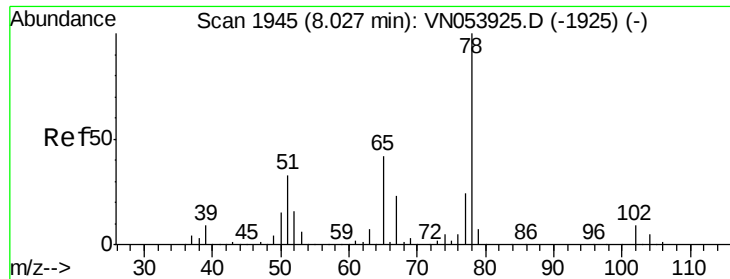


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

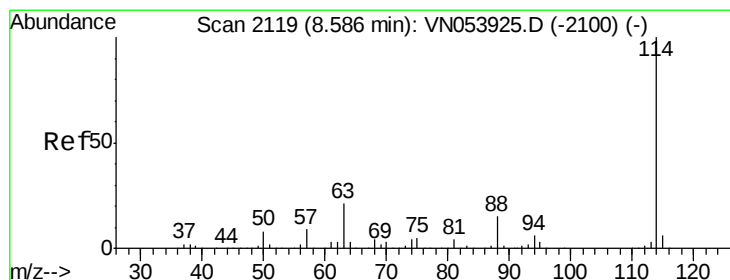
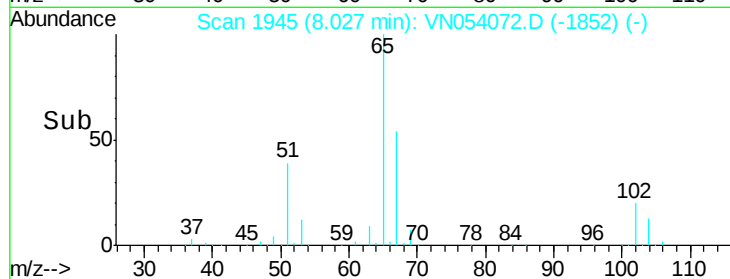
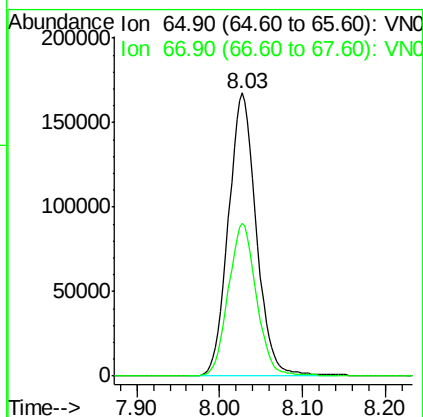
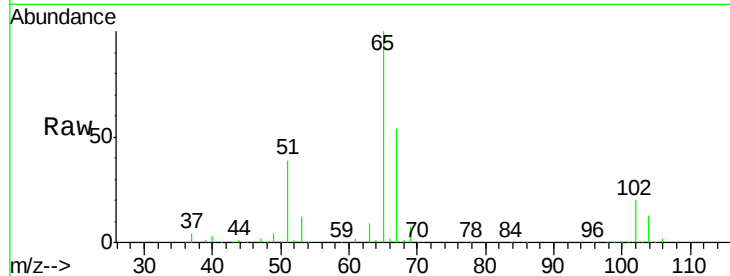
Ion 84.00 (83.70 to 84.70): VNC





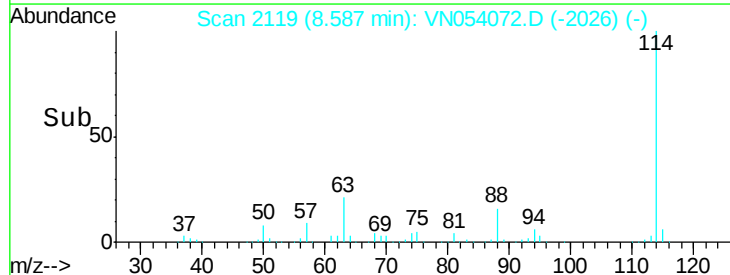
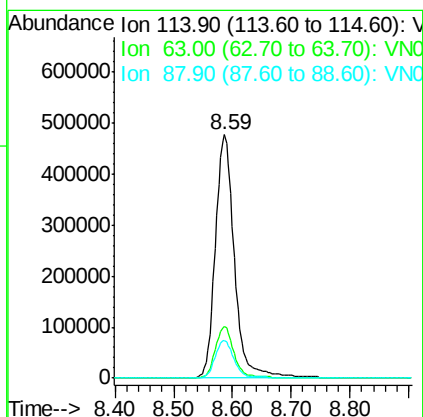
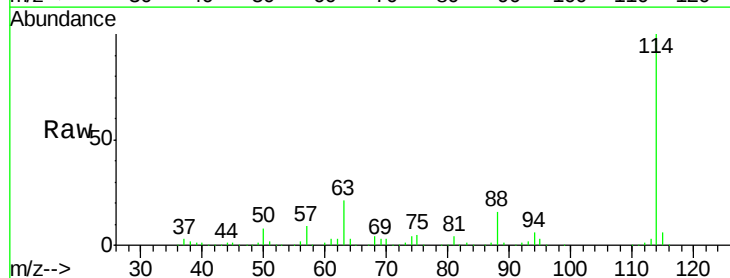
#33
 1,2-Dichloroethane-d4
 Concen: 57.123 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

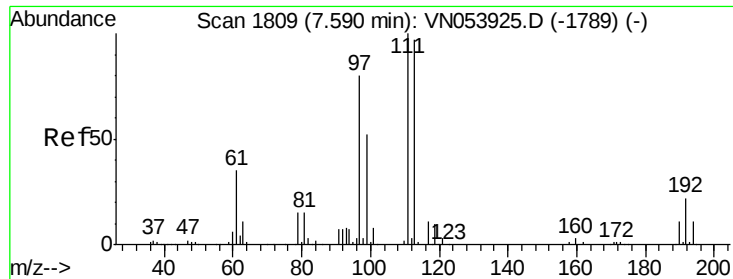
Tot Ion: 65 Resp: 393325
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

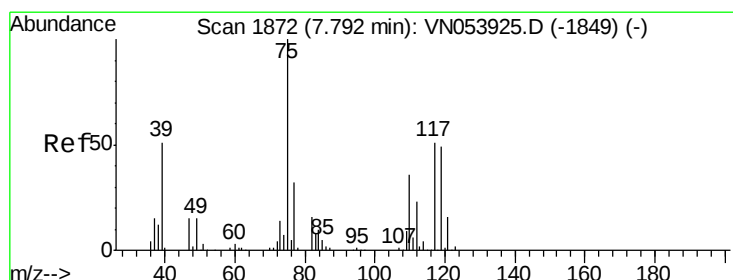
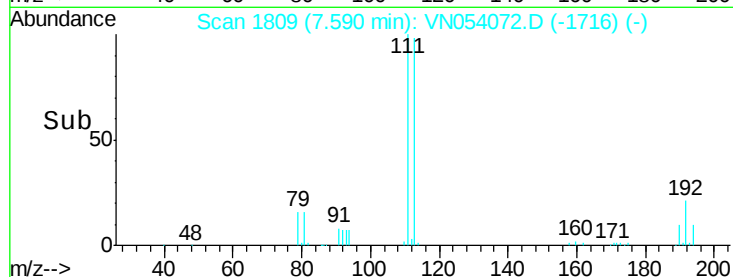
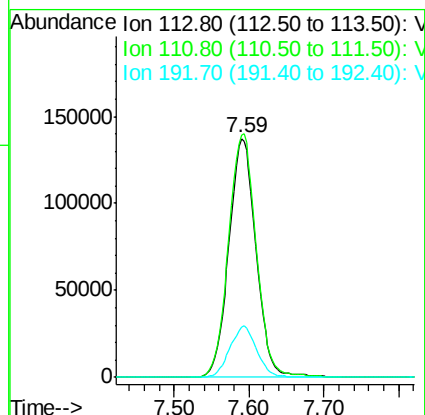
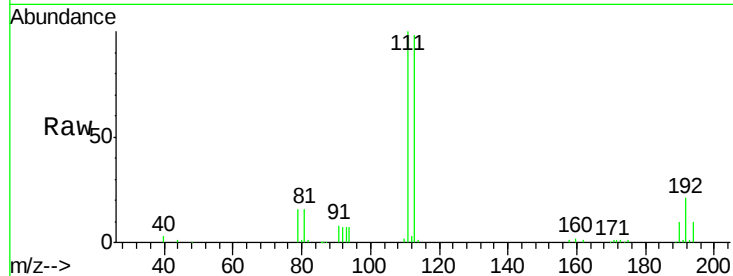
Tgt Ion: 114 Resp: 1074288
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 15.6 0.0 30.4





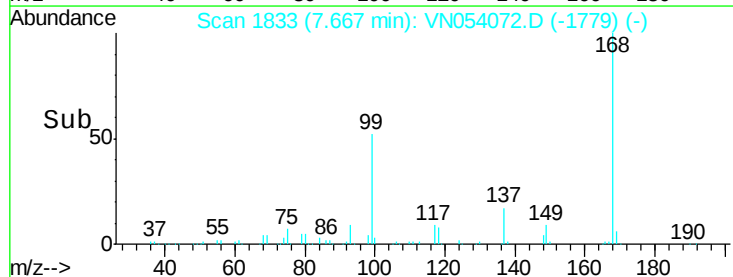
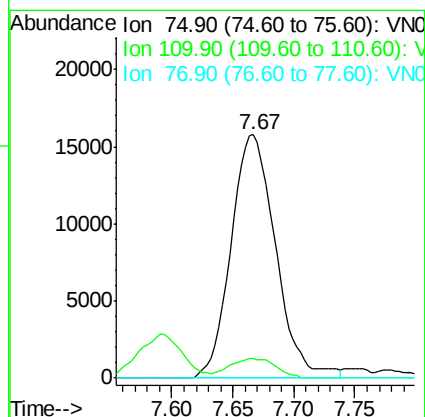
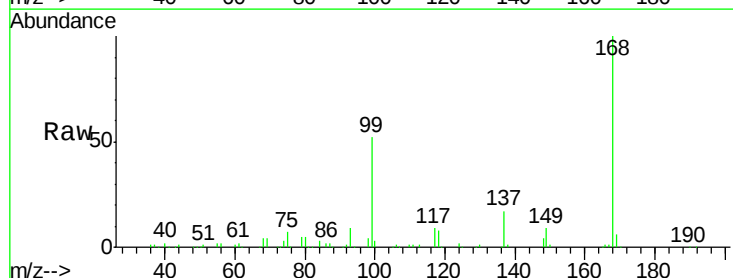
#35
 Dibromofluoromethane
 Concen: 49.976 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

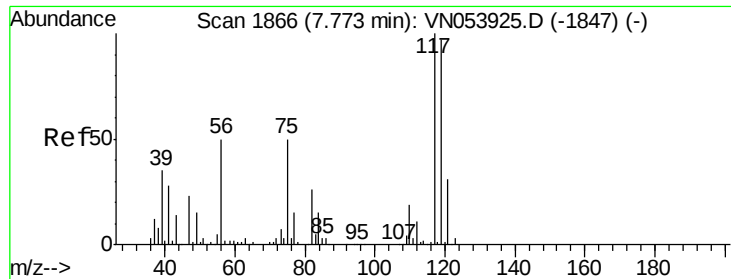
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	21.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.011 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.0	57.0#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 4.841 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

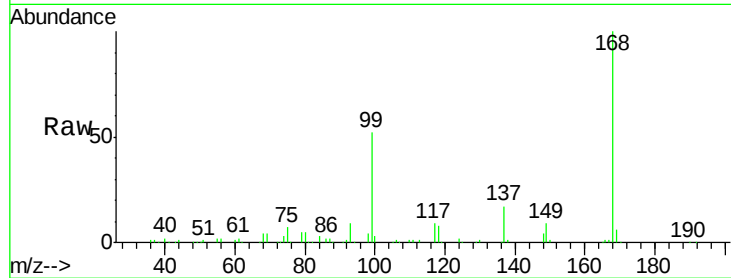
Tot Ion:117 Resp: 50305

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

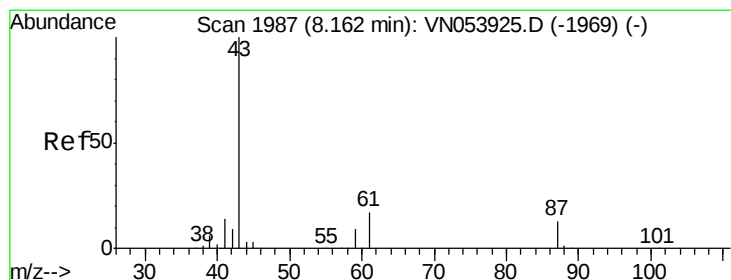
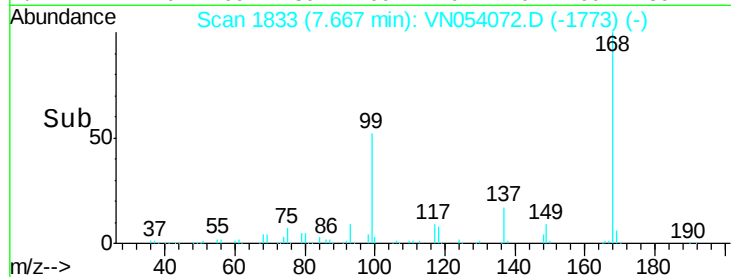
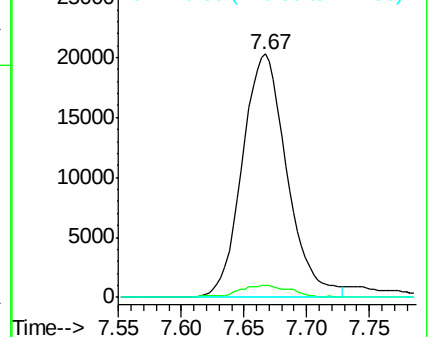
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 3.470 ug/l

RT: 8.17 min Scan# 1899

Delta R.T. 0.01 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

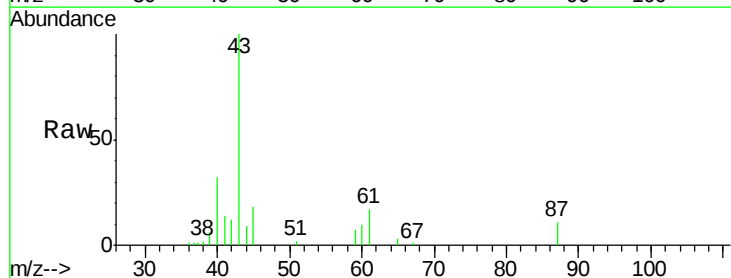
Tgt Ion: 43 Resp: 41796

Ion Ratio Lower Upper

43 100

61 16.0 17.4 26.0#

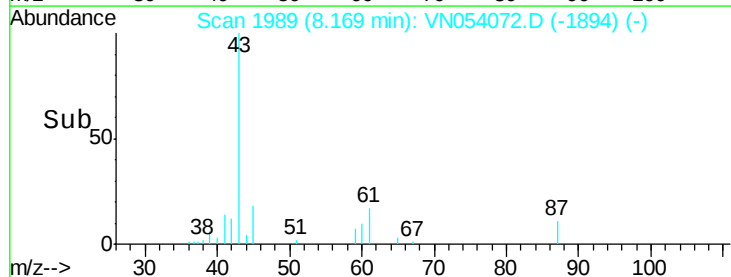
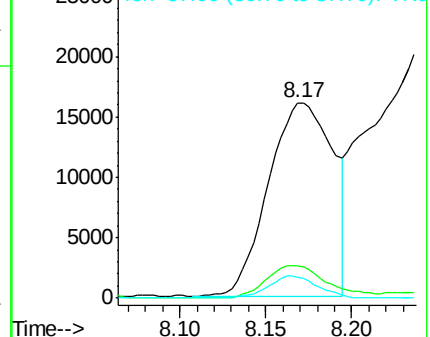
87 8.8 11.5 17.3#

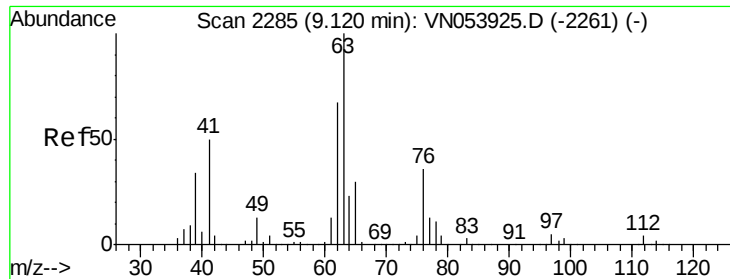


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.294 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN054072.D

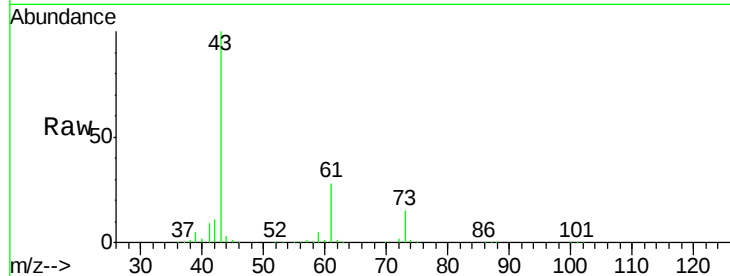
Acq: 4 Mar 2019 18:14

Tot Ion: 63 Resp: 2435

Ion Ratio Lower Upper

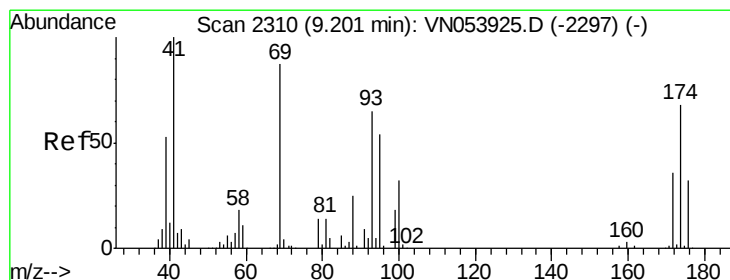
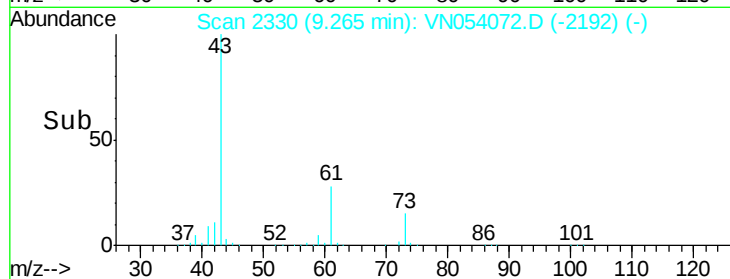
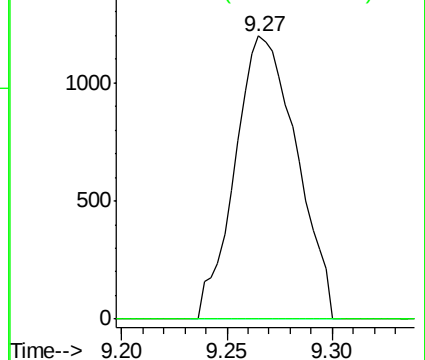
63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 2.538 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

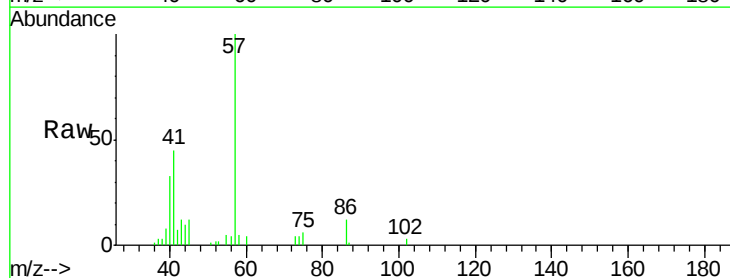
Tgt Ion: 41 Resp: 14060

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

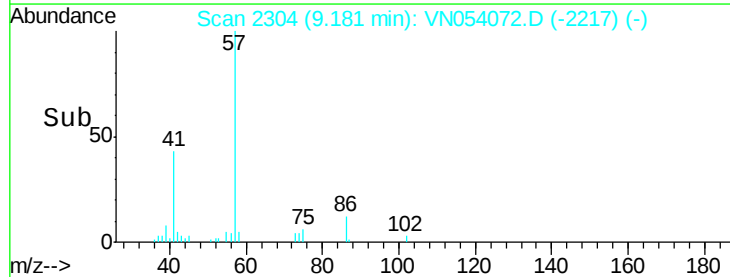
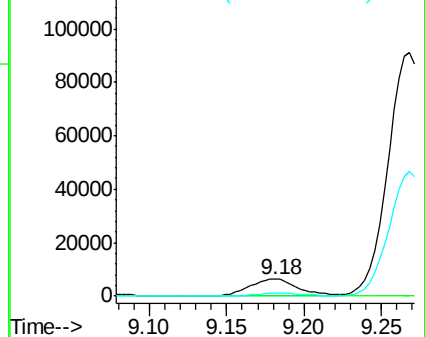
39 19.7 39.0 58.6#

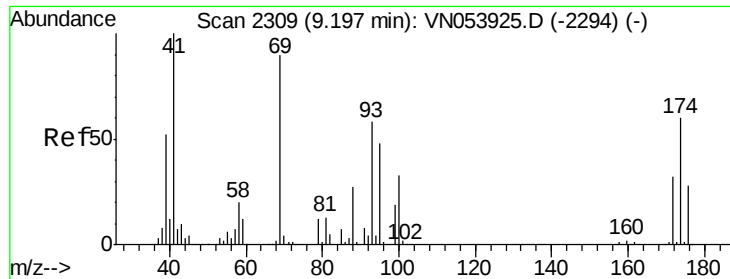


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 0.906 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

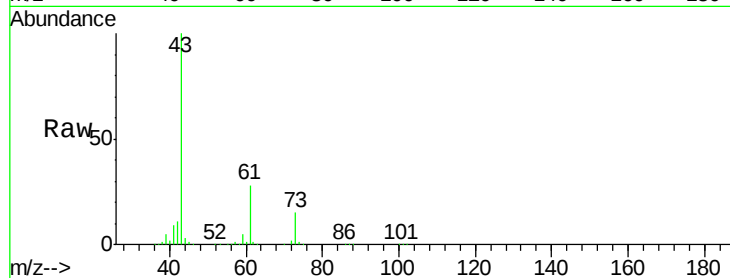
Tot Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

43 2993513.2 21.2 31.8#

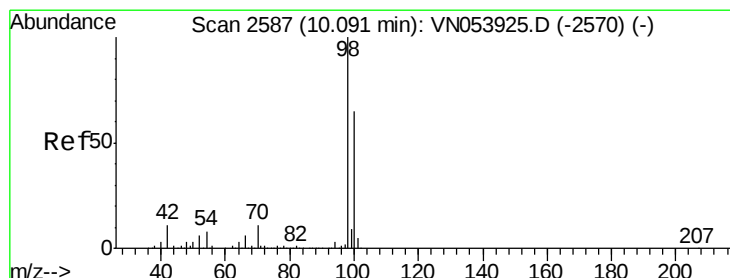
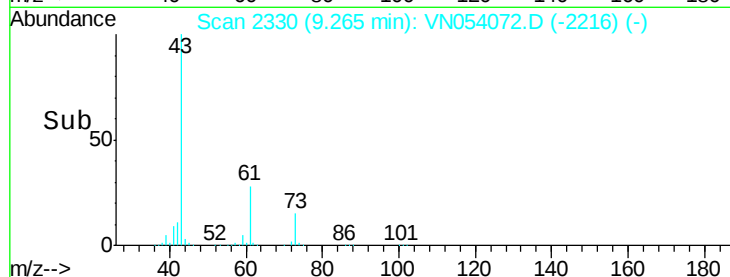
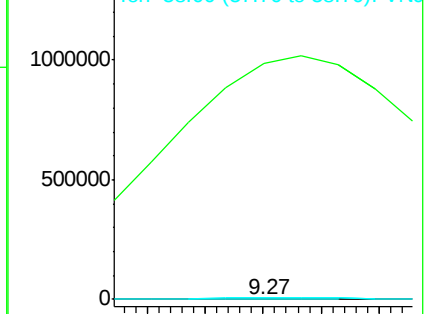
58 14783.8 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 53.565 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054072.D

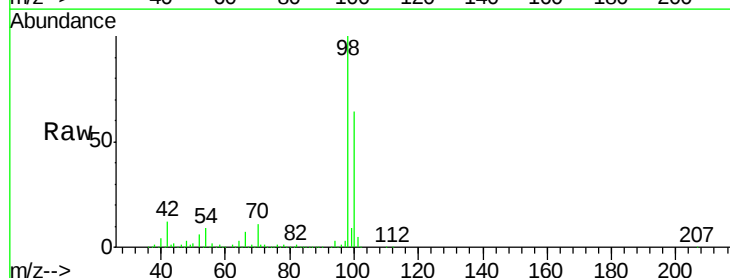
Acq: 4 Mar 2019 18:14

Tgt Ion: 98 Resp: 1385208

Ion Ratio Lower Upper

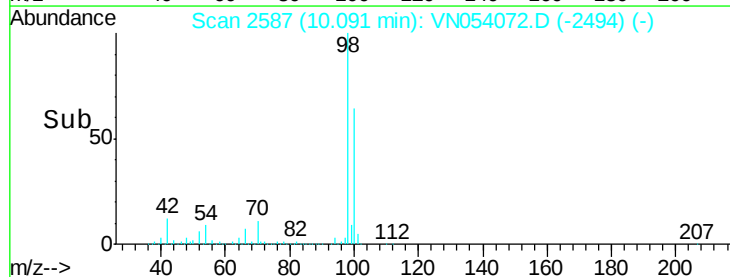
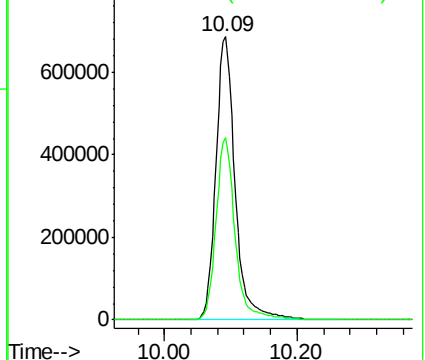
98 100

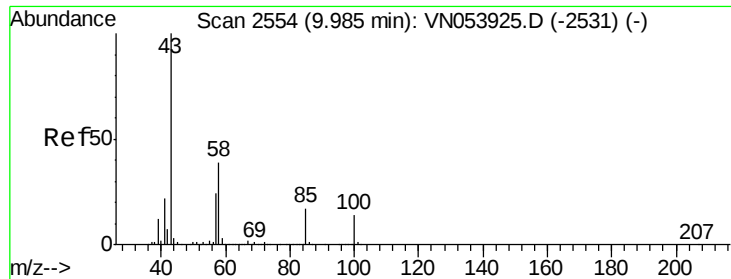
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

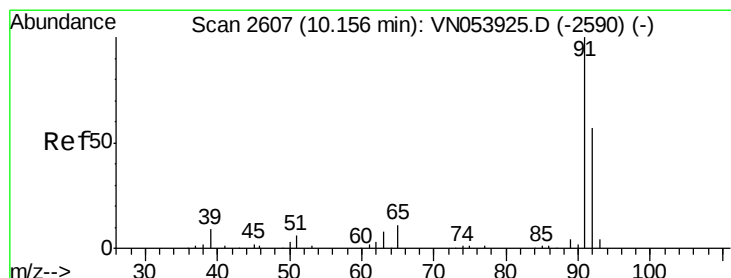
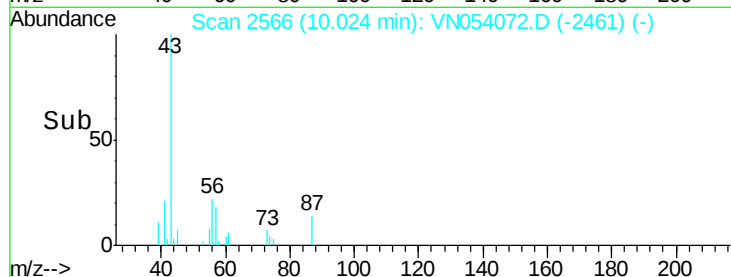
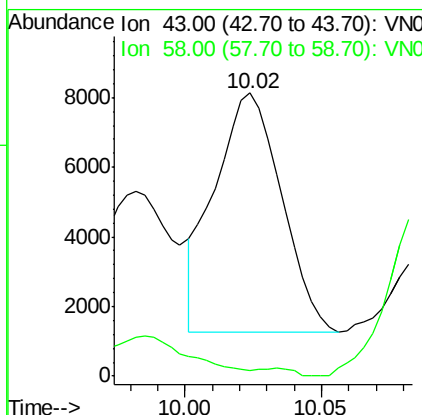
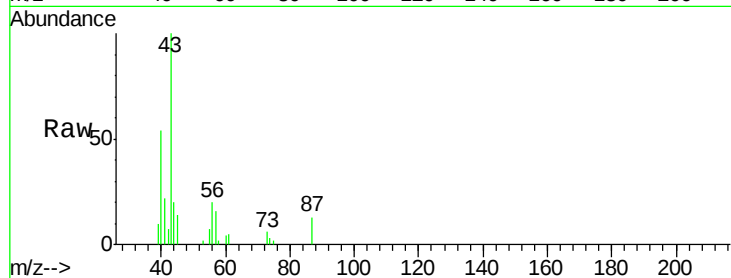
Ion 100.00 (99.70 to 100.70): VN0





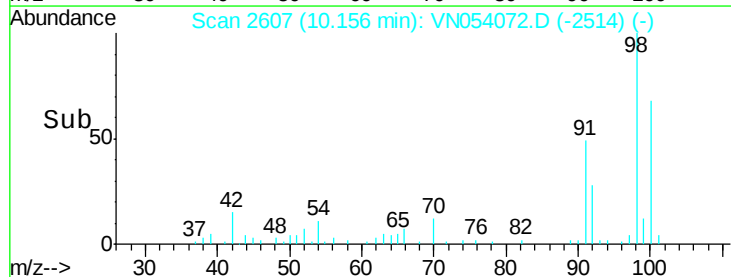
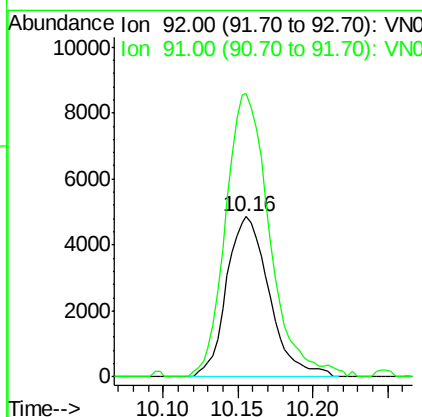
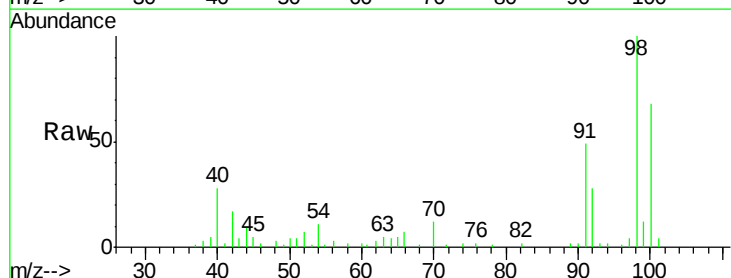
#51
 4-Methyl-2-Pentanone
 Concen: 1.894 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

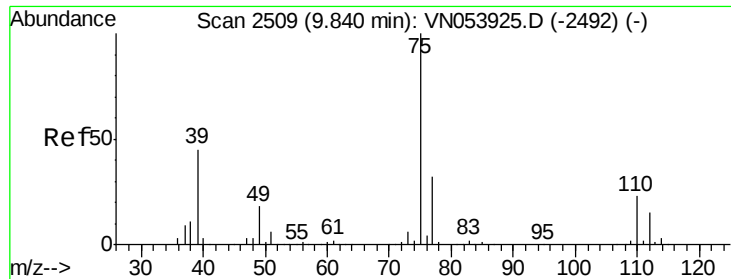
Tot Ion: 43 Resp: 11723
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#52
 Toluene
 Concen: 0.535 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tgt Ion: 92 Resp: 9660
 Ion Ratio Lower Upper
 92 100
 91 183.1 138.4 207.6

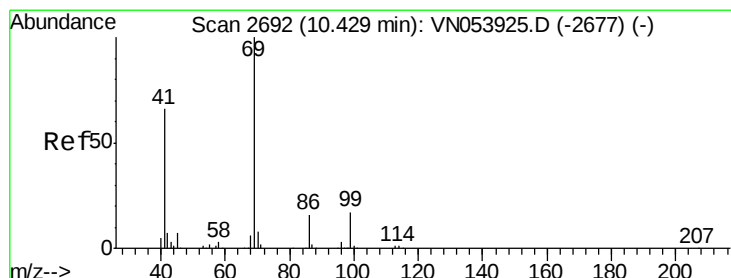
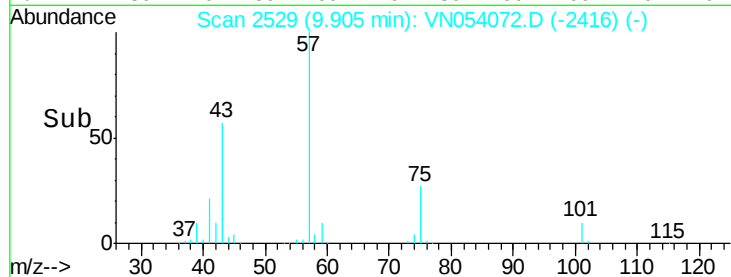
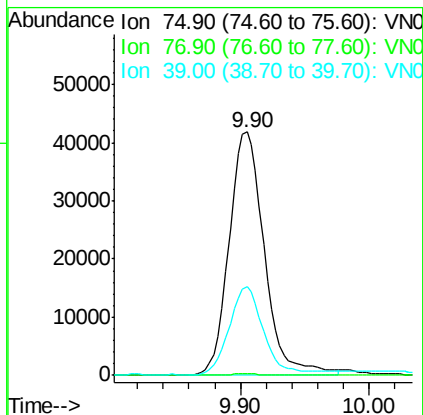
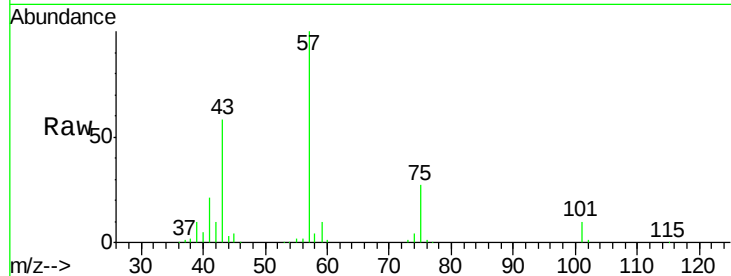




#54

cis-1,3-Dichloropropene
 Concen: 6.847 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

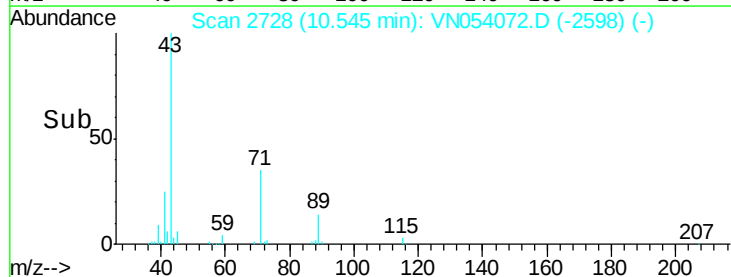
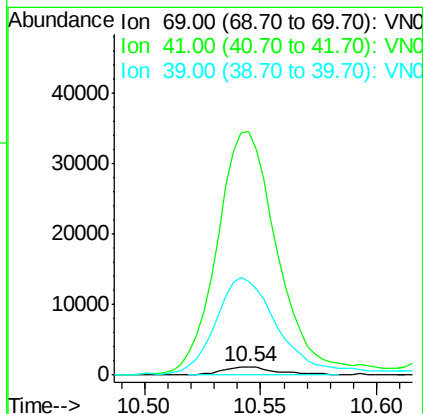
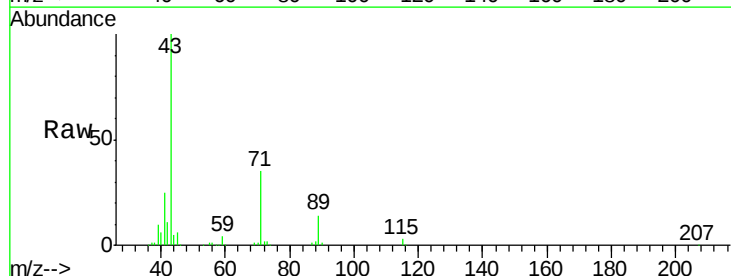
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	36.6	31.4	47.0

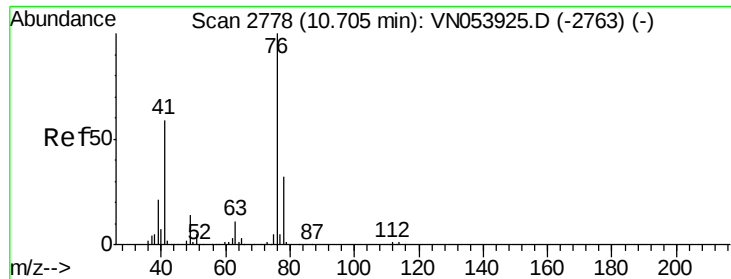


#56

Ethyl methacrylate
 Concen: 2.152 ug/l
 RT: 10.54 min Scan# 2728
 Delta R.T. 0.12 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

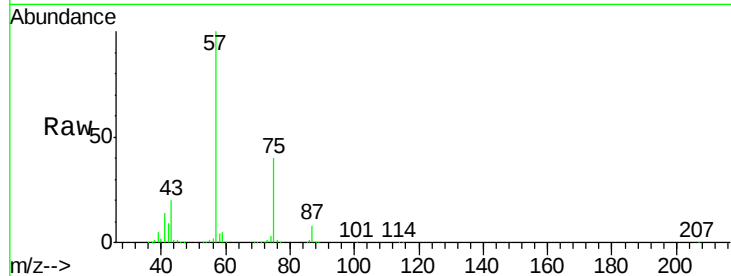
Tgt Ion	Ratio	Lower	Upper
69	100		
41	3514.9	47.5	71.3#
39	1465.4	23.4	35.0#



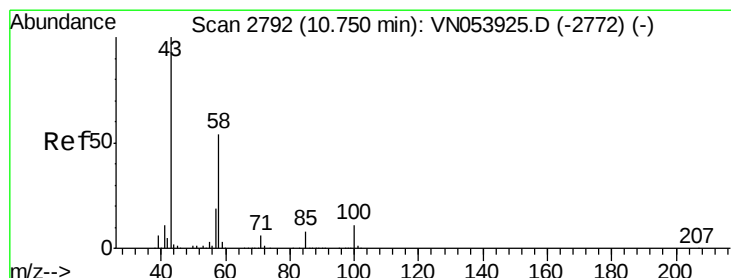
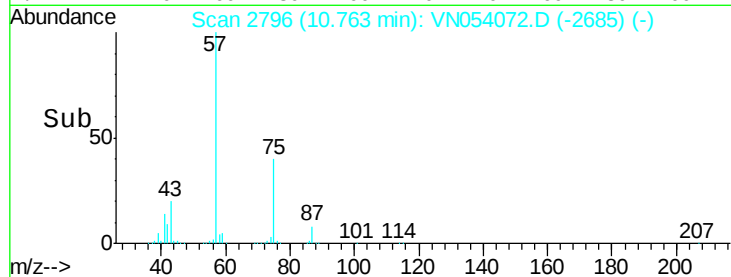
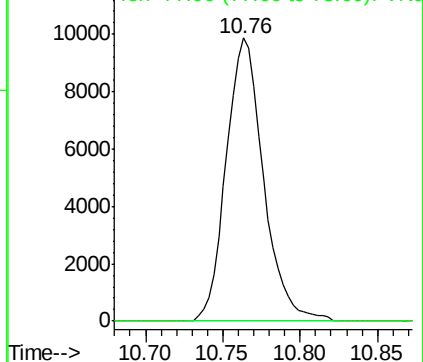


#57
 1,3-Dichloropropane
 Concen: 1.443 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tot Ion: 76 Resp: 16459
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#

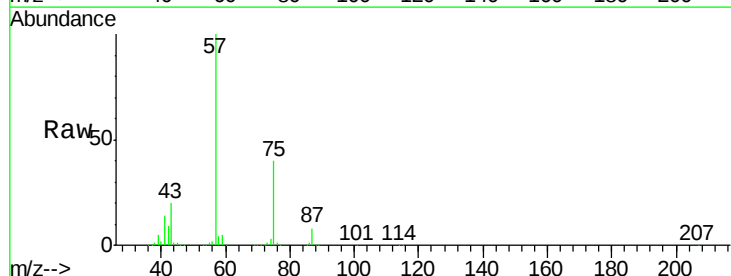


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

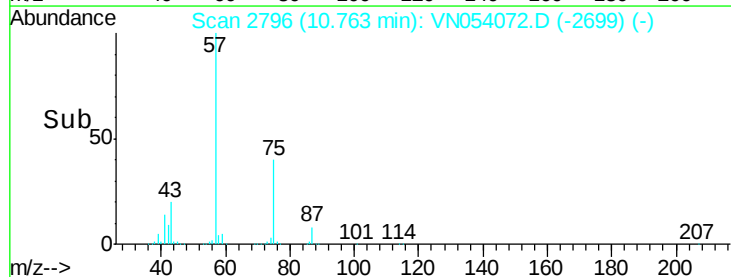
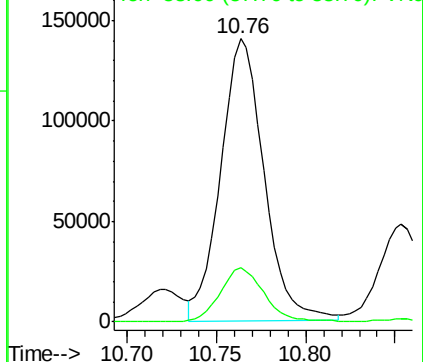


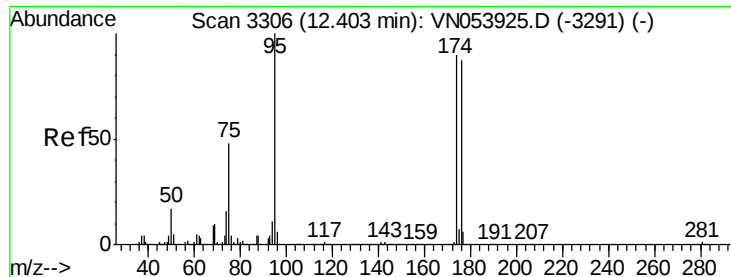
#59
 2-Hexanone
 Concen: 58.995 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tgt Ion: 43 Resp: 237479
 Ion Ratio Lower Upper
 43 100
 58 19.6 29.1 87.4#



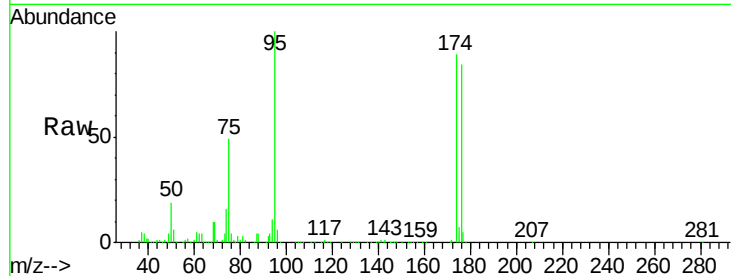
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



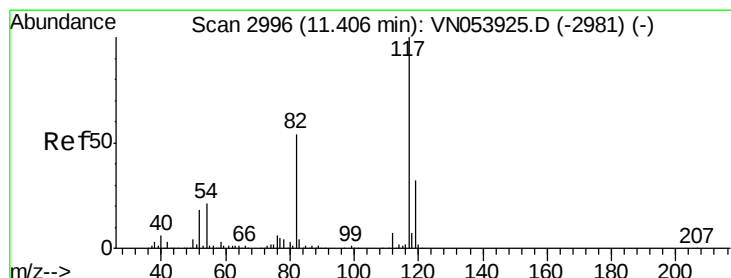
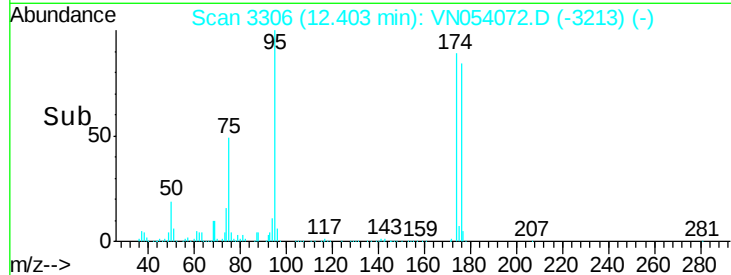
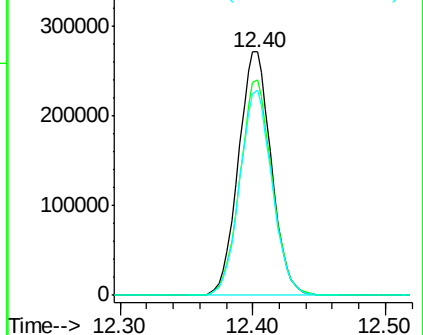


#62
4-Bromofluorobenzene
Concen: 54.031 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion: 95 Resp: 465525
Ion Ratio Lower Upper
95 100
174 86.7 0.0 188.8
176 83.1 0.0 182.6

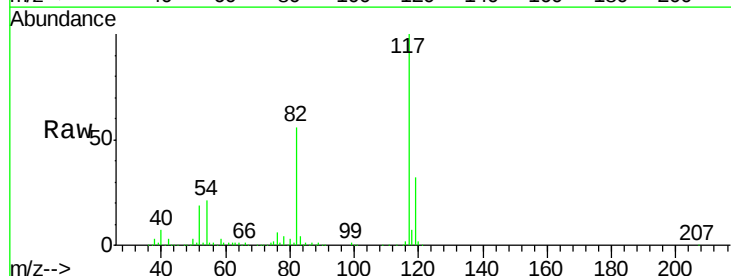


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

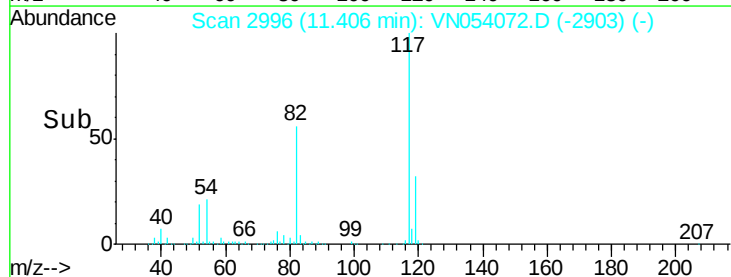
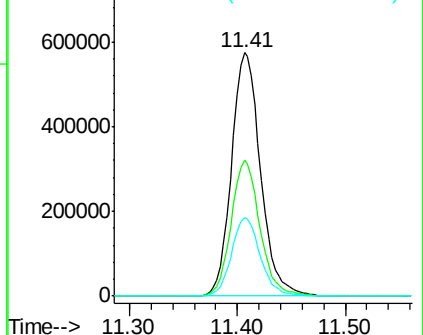


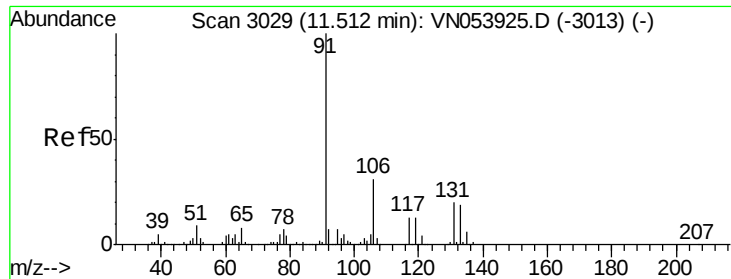
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tgt Ion: 117 Resp: 1068825
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.2
119 32.4 25.3 37.9



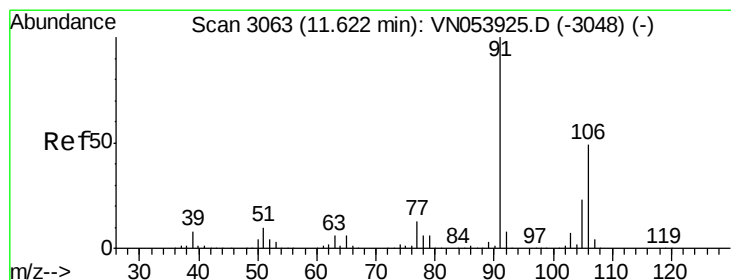
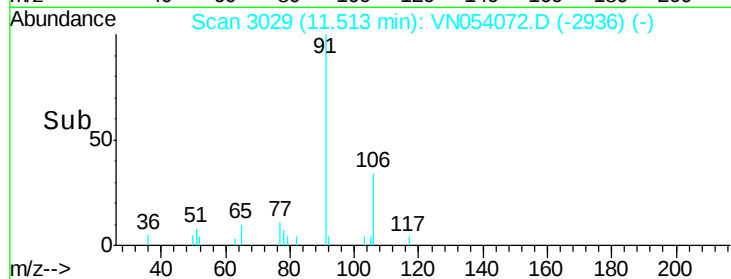
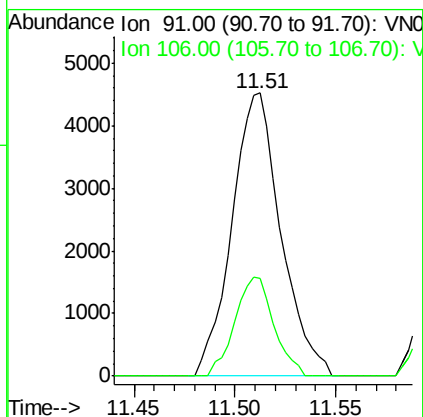
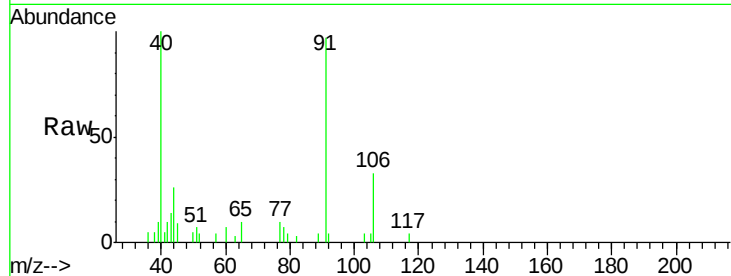
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V





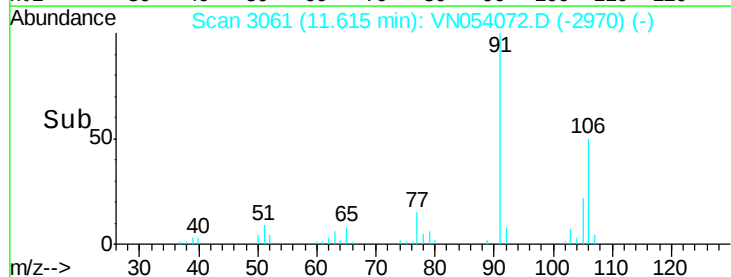
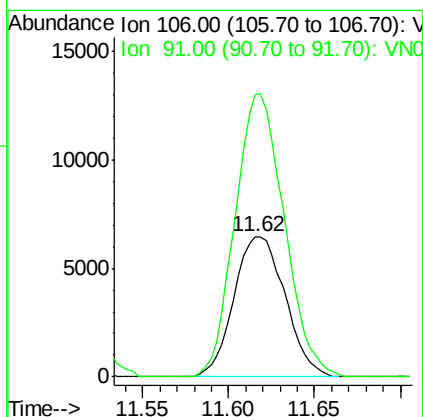
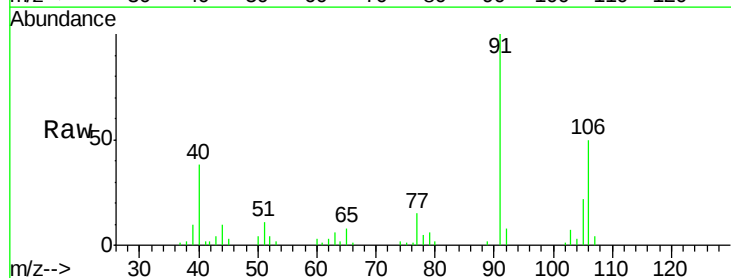
#67
Ethyl Benzene
Concen: 0.204 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

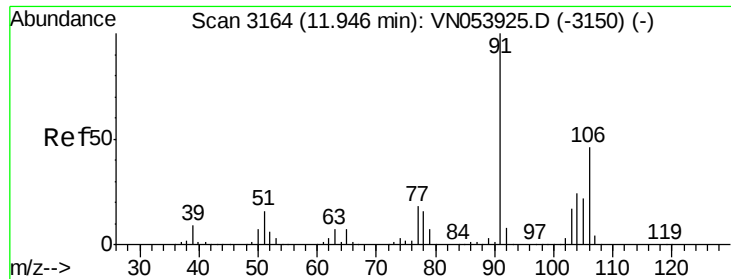
Tot Ion: 91 Resp: 7697
Ion Ratio Lower Upper
91 100
106 34.4 25.2 37.8



#68
m/p-Xylenes
Concen: 0.936 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

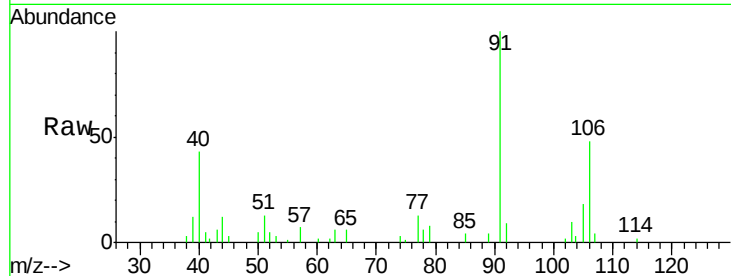
Tgt Ion: 106 Resp: 13357
Ion Ratio Lower Upper
106 100
91 193.7 158.9 238.3



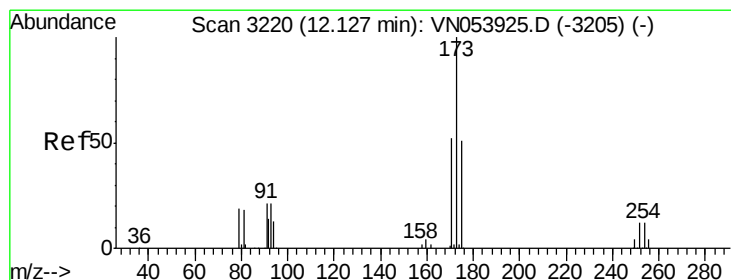
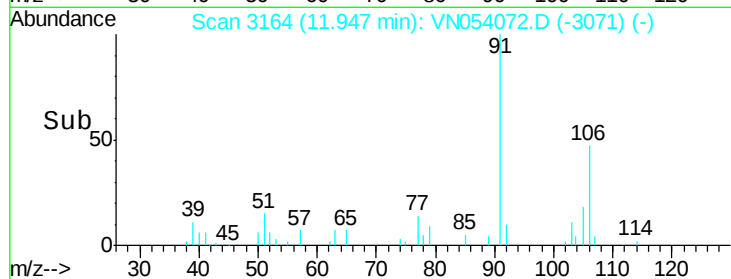
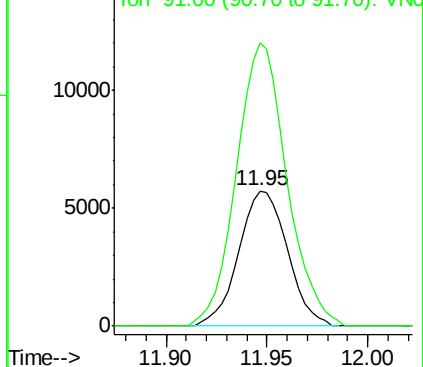


#69
o-Xylene
Concen: 0.692 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion:106 Resp: 9710
Ion Ratio Lower Upper
106 100
91 216.2 106.0 318.0

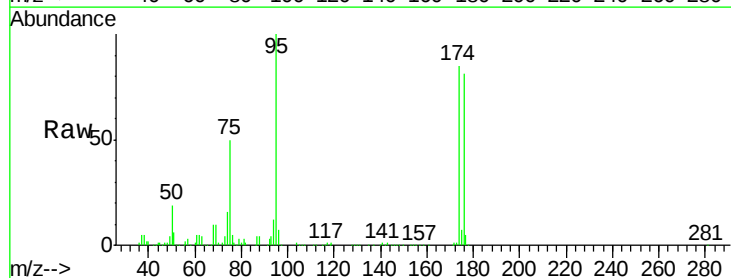


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

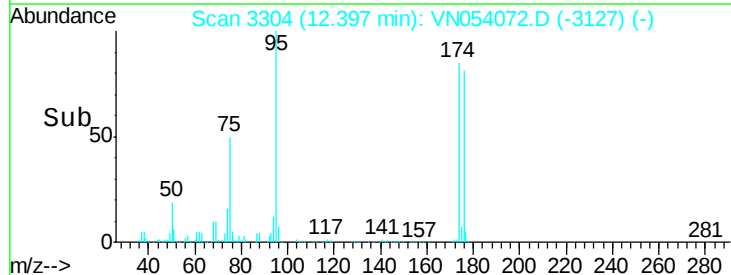
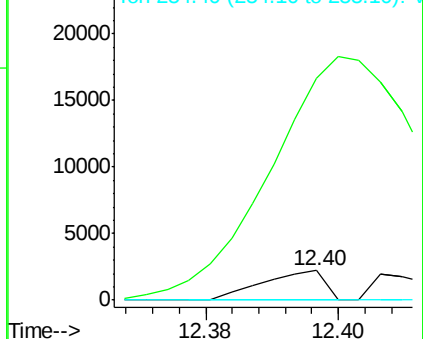


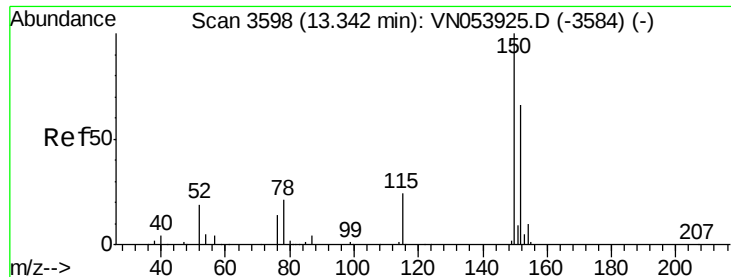
#71
Bromoform
Concen: 0.253 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tgt Ion:173 Resp: 1432
Ion Ratio Lower Upper
173 100
175 1832.3 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

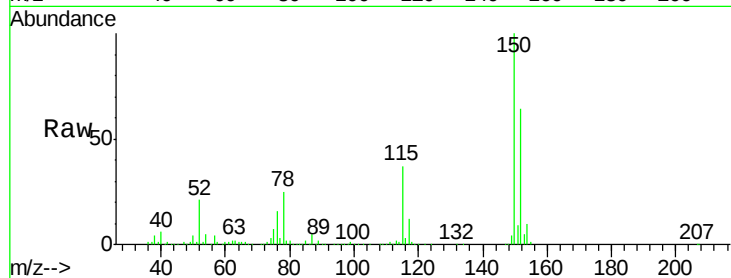




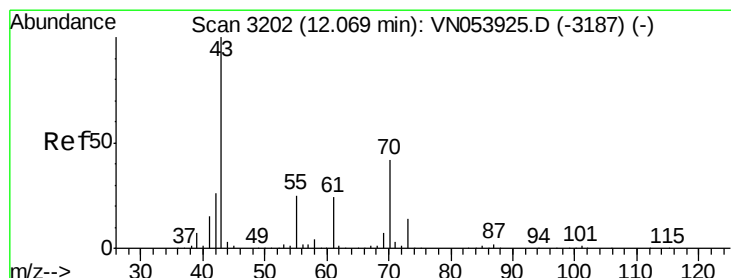
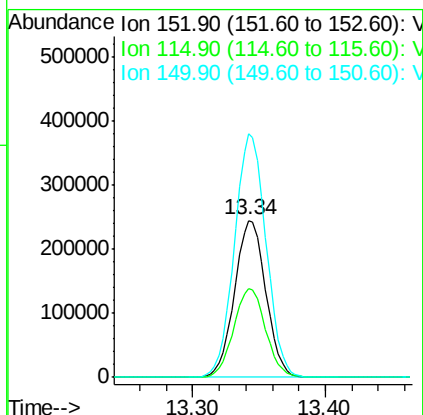
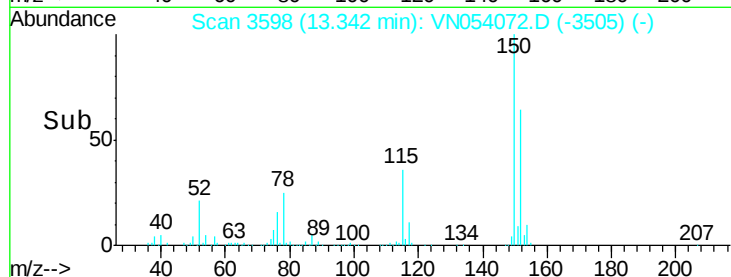
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	156.1	0.0	348.2



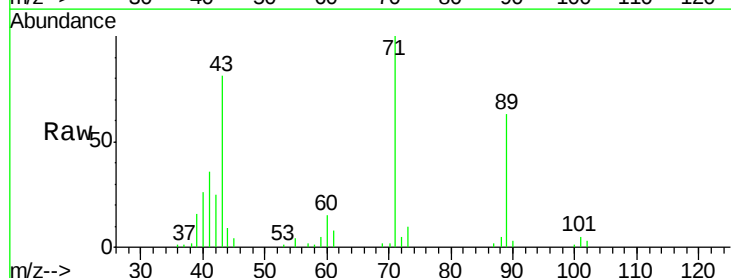
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



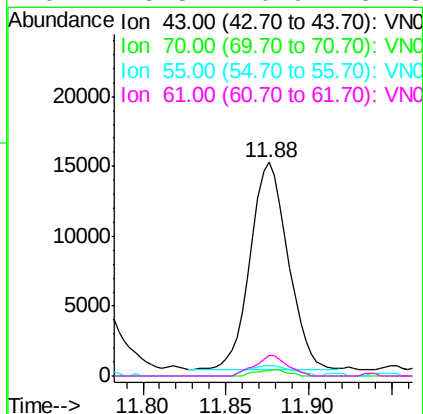
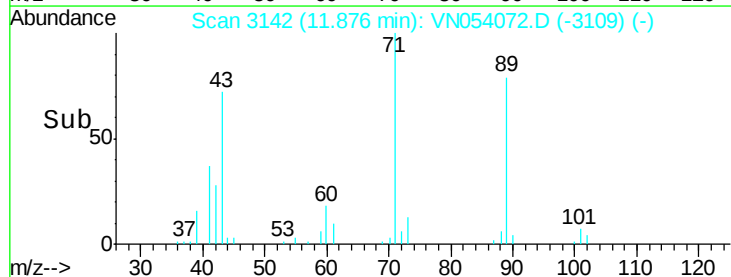
#74

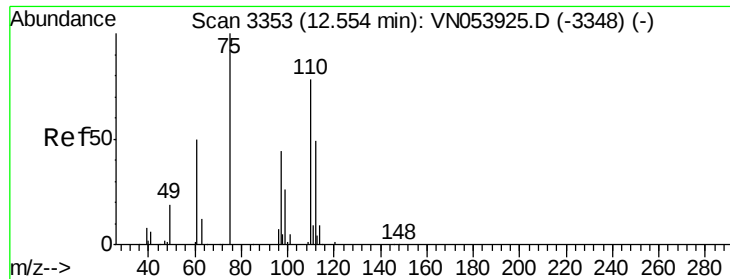
N-ethyl acetate
Concen: 2.893 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	2.4	37.4	56.2#
55	6.0	21.4	32.0#
61	8.3	20.9	31.3#



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

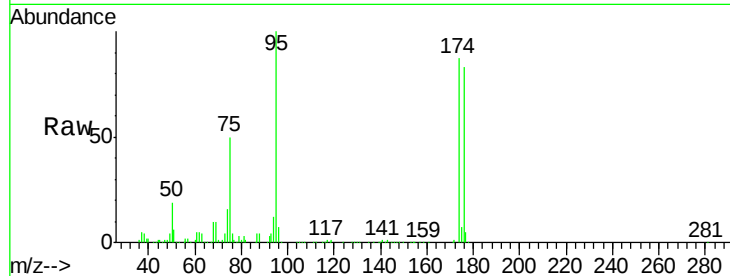




#76

1,2,3-Trichloropropane
Concen: 35.388 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion: 75 Resp: 228218
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

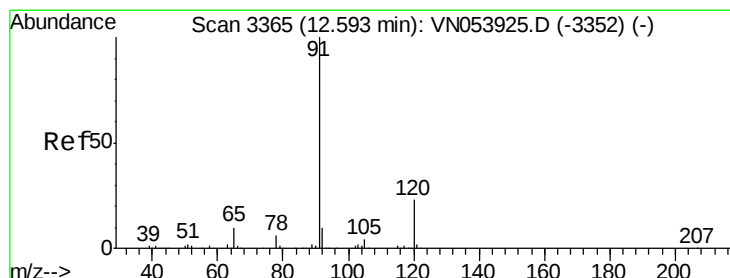
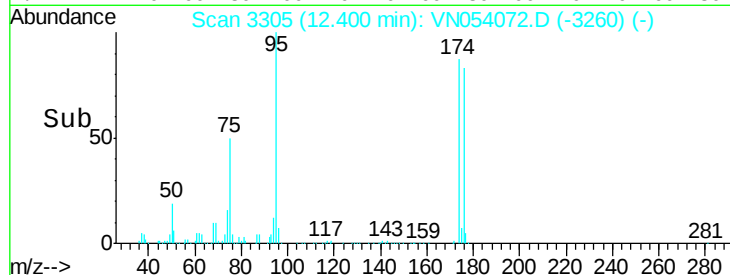
150000

100000

50000

0

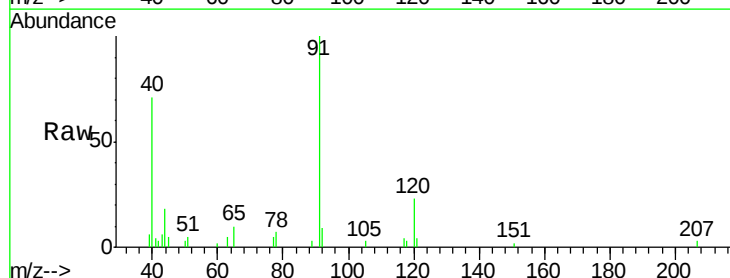
Time--> 12.30 12.40 12.50



#78

n-propylbenzene
Concen: 0.313 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tgt Ion: 91 Resp: 11126
Ion Ratio Lower Upper
91 100
120 25.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

8000

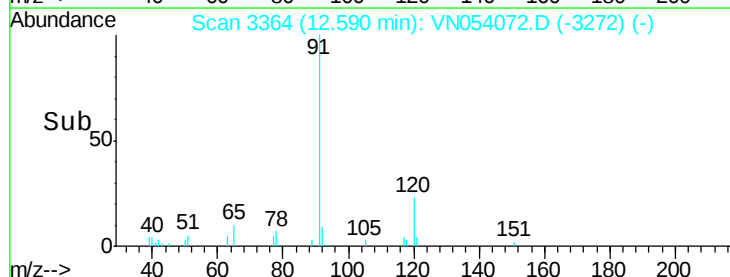
6000

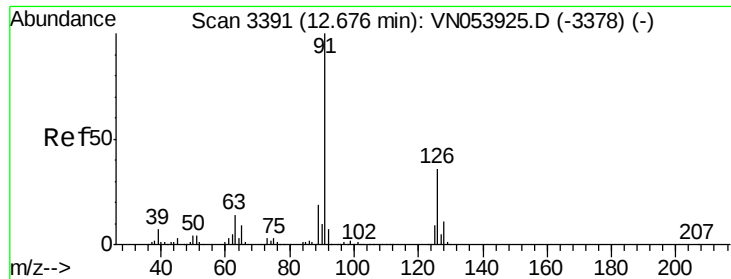
4000

2000

0

Time--> 12.55 12.60





#79

2-Chlorotoluene

Concen: 0.378 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054072.D

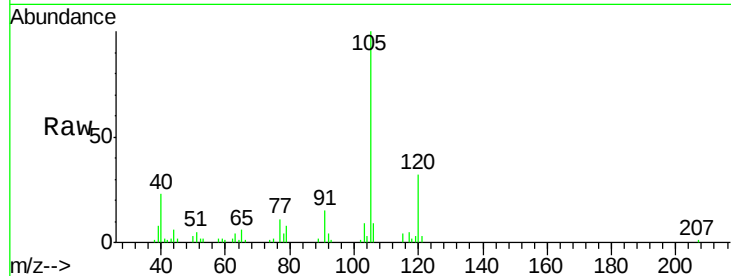
Acq: 4 Mar 2019 18:14

Tot Ion: 91 Resp: 8079

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053925.D (-3378) (-)

8000

6000

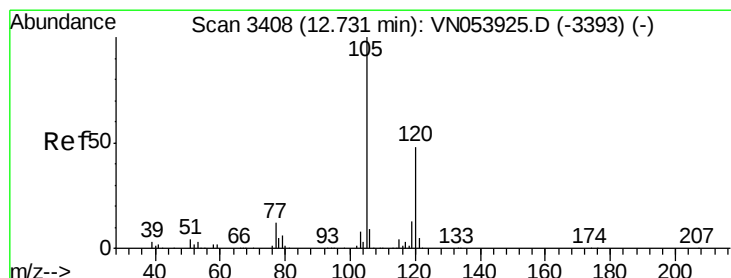
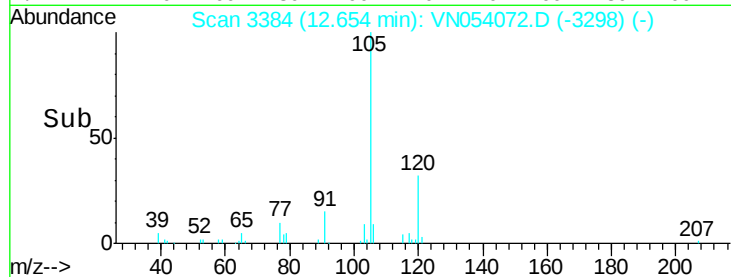
4000

2000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.099 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054072.D

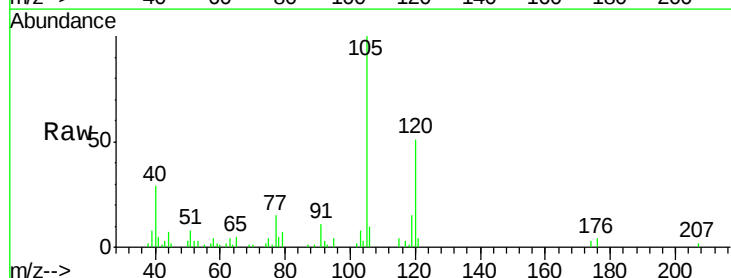
Acq: 4 Mar 2019 18:14

Tgt Ion:105 Resp: 28146

Ion Ratio Lower Upper

105 100

120 51.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053925.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053925.D (-3393) (-)

20000

15000

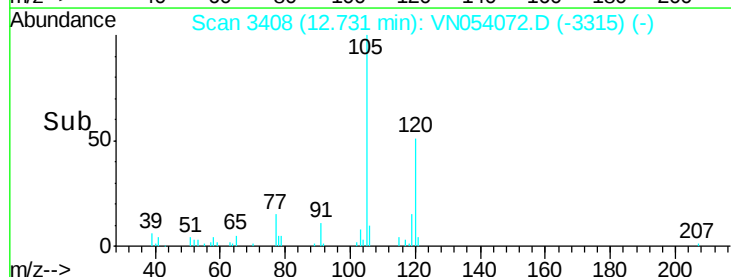
10000

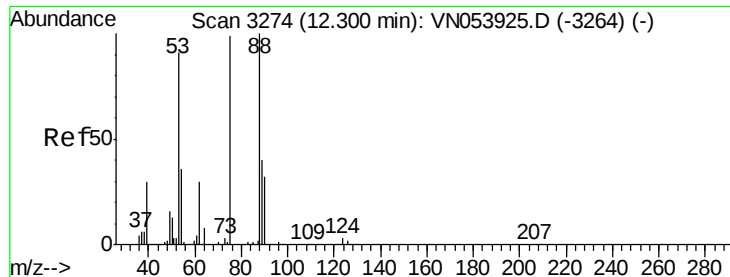
5000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 111.847 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

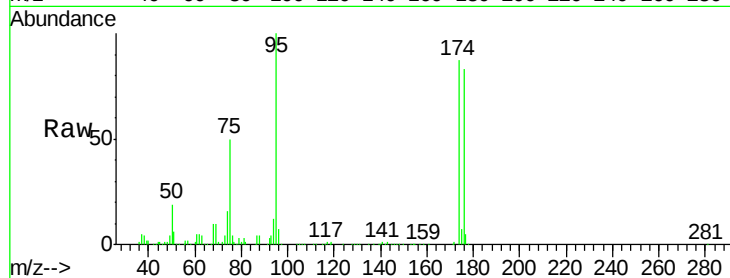
Tot Ion: 75 Resp: 228218

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

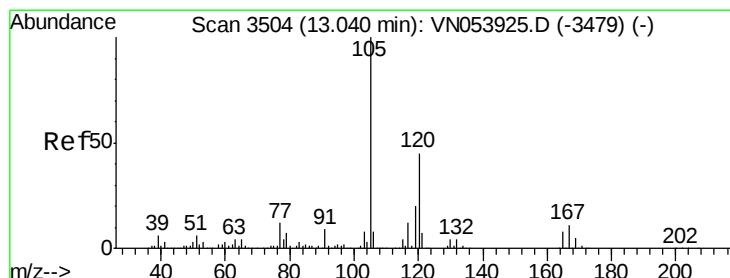
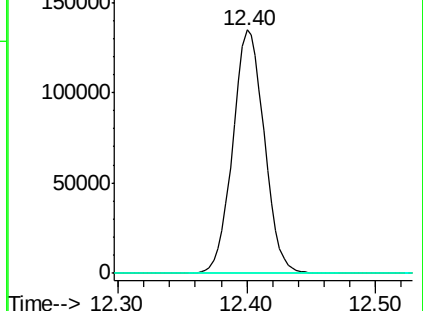
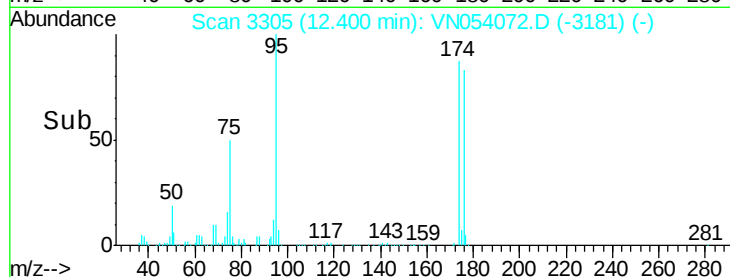
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054072.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054072.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054072.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 3.493 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054072.D

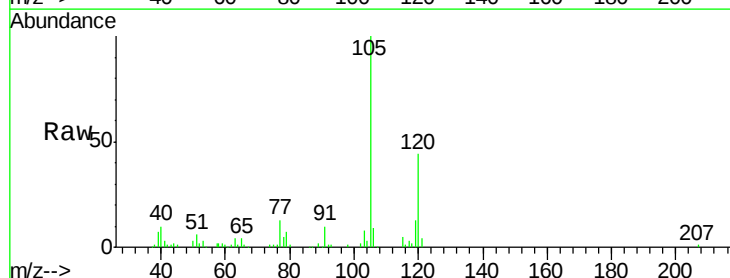
Acq: 4 Mar 2019 18:14

Tgt Ion: 105 Resp: 89329

Ion Ratio Lower Upper

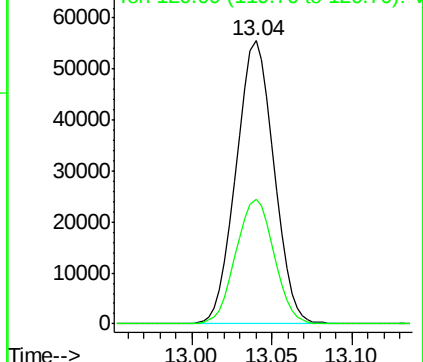
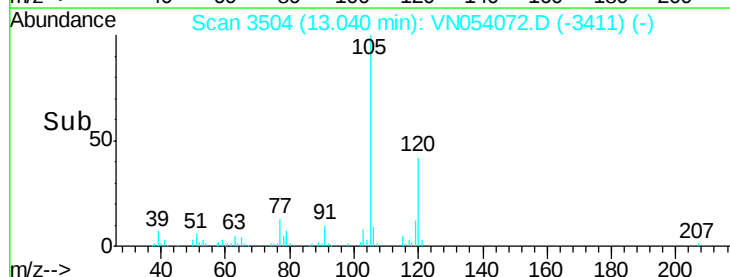
105 100

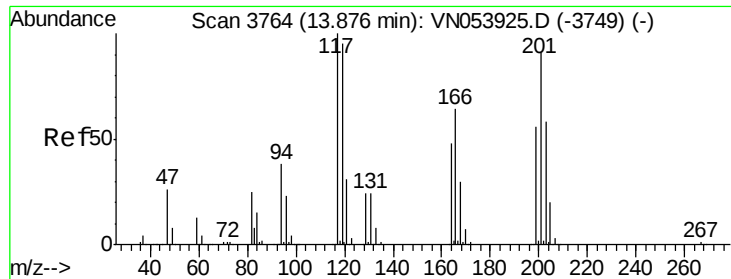
120 44.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN054072.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054072.D (-3411) (-)





#90

Hexachloroethane

Concen: 0.448 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054072.D

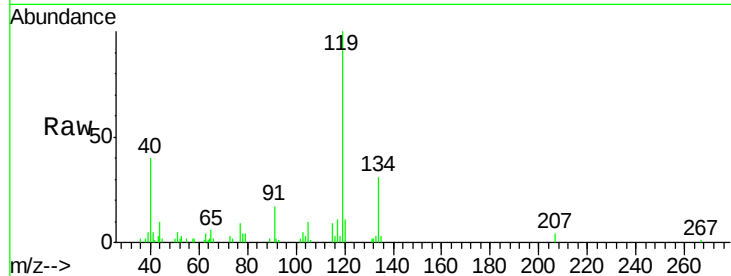
Acq: 4 Mar 2019 18:14

Tot Ion:117 Resp: 2270

Ion Ratio Lower Upper

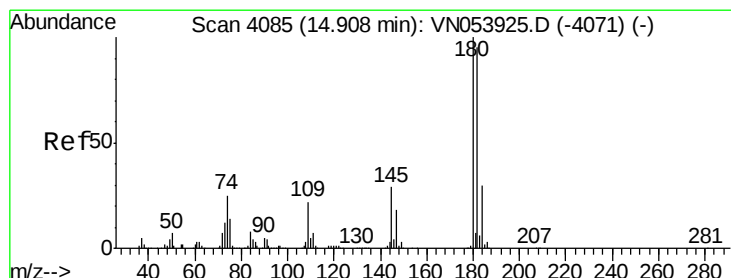
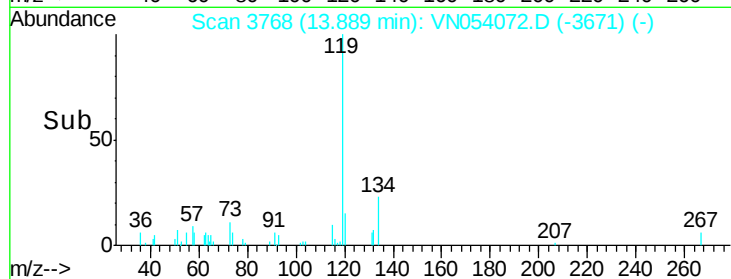
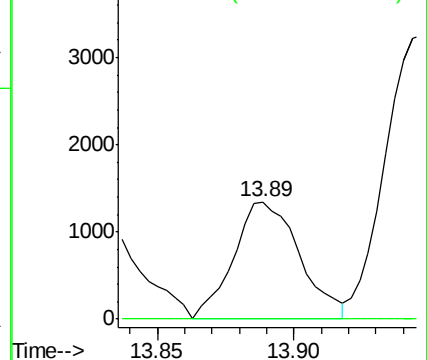
117 100

201 0.0 48.0 144.2#



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: 2.264 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

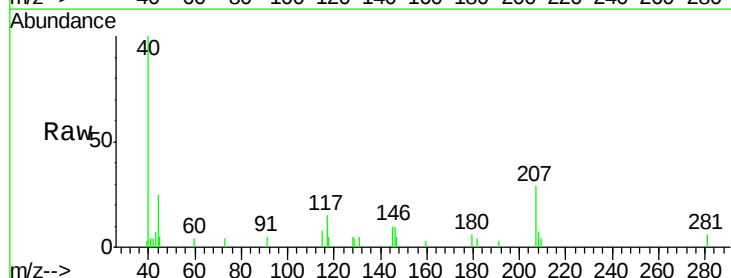
Tgt Ion:180 Resp: 319

Ion Ratio Lower Upper

180 100

182 84.3 48.6 145.9

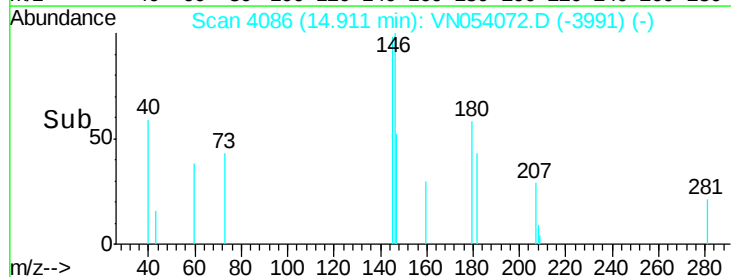
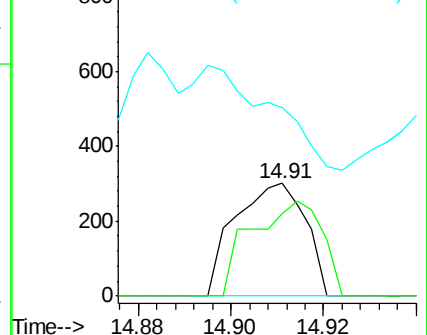
145 0.0 13.8 41.3#

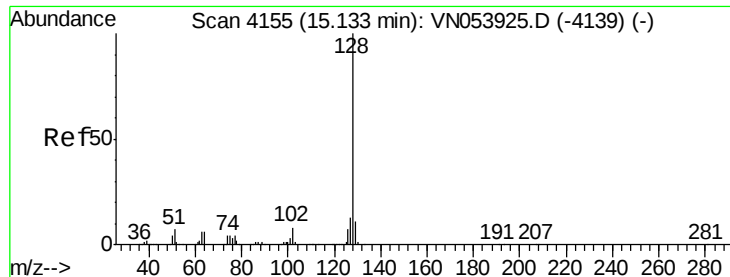


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 7.886 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

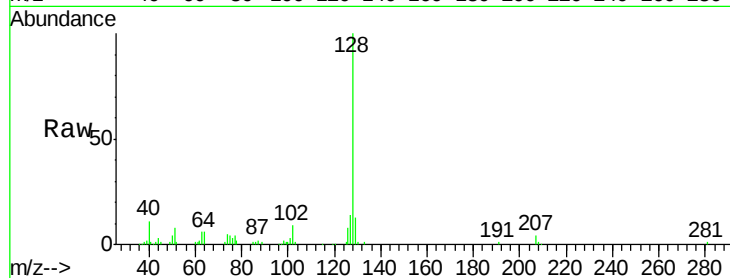
Tot Ion:128 Resp: 79519

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

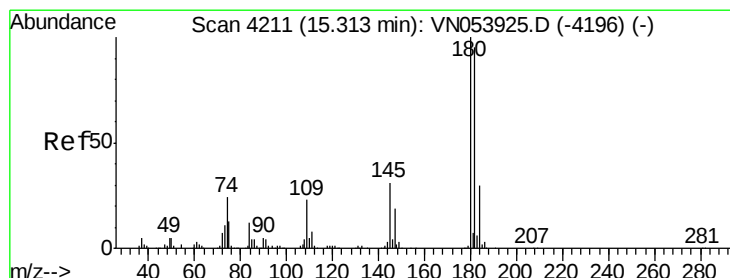
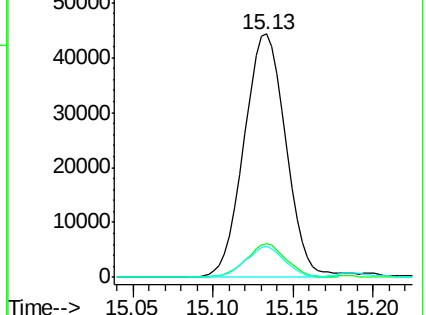
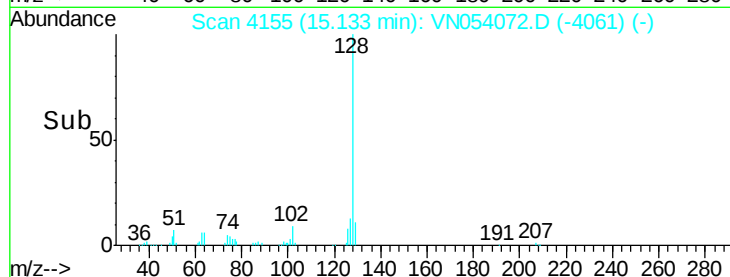
129 11.8 8.6 12.8



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: 1.606 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

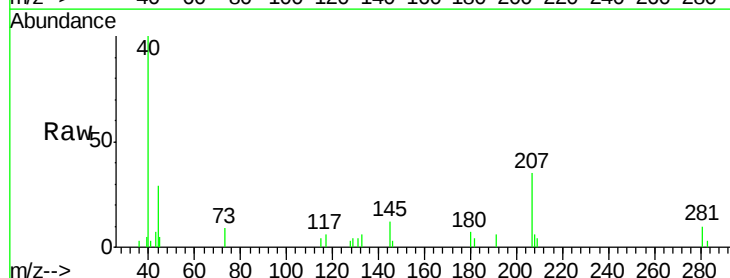
Tgt Ion:180 Resp: 351

Ion Ratio Lower Upper

180 100

182 68.7 47.3 141.8

145 241.0 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

