

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054076.D
 Acq On : 4 Mar 2019 20:01
 Operator : JC/SP
 Sample : K1688-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 04 23:57:58 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	574456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1047938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1009812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	351715	50.00	ug/l	0.00

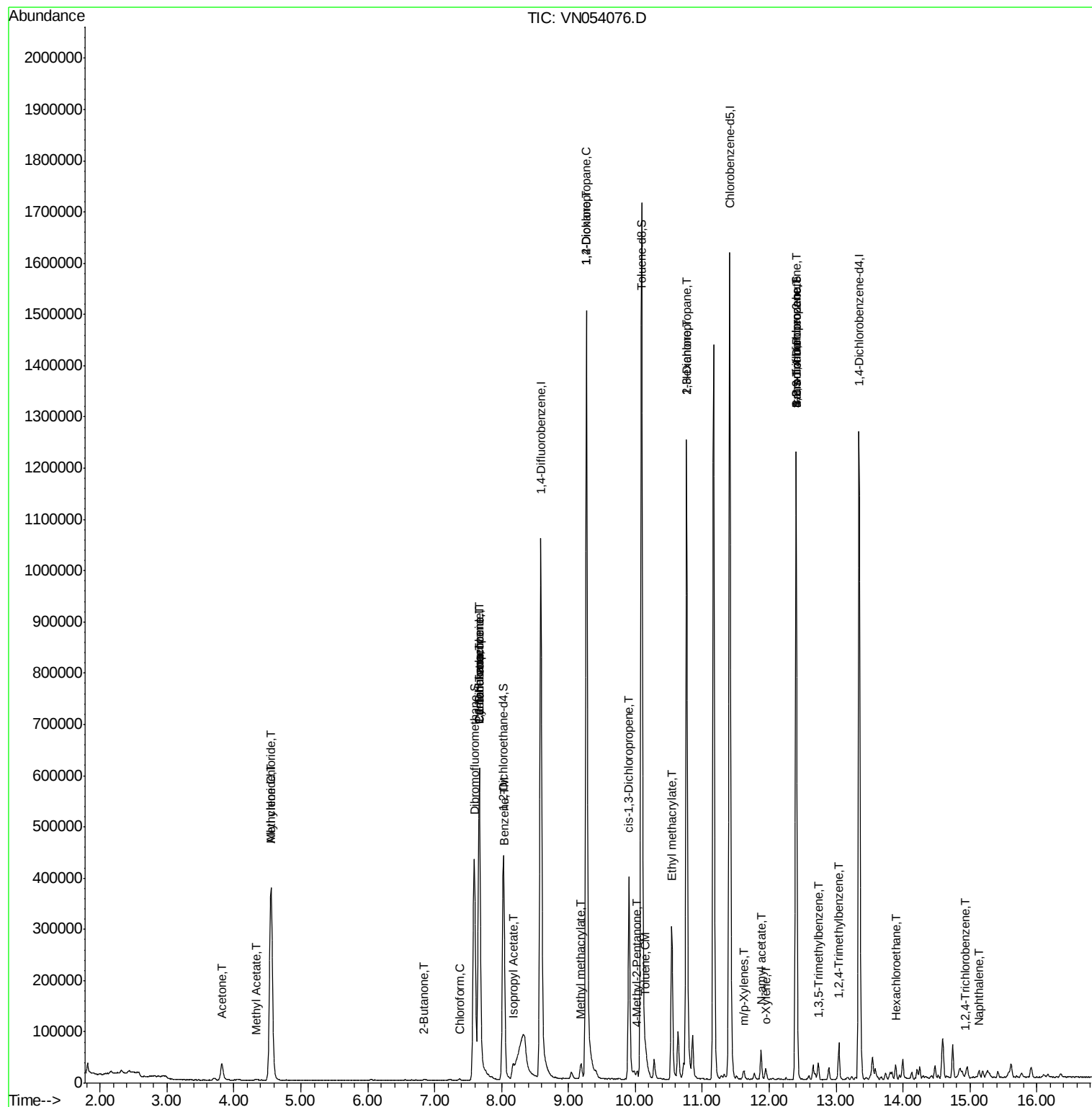
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	378552	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
35) Dibromofluoromethane	7.59	113	342002	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1323903	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.40	95	429824	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

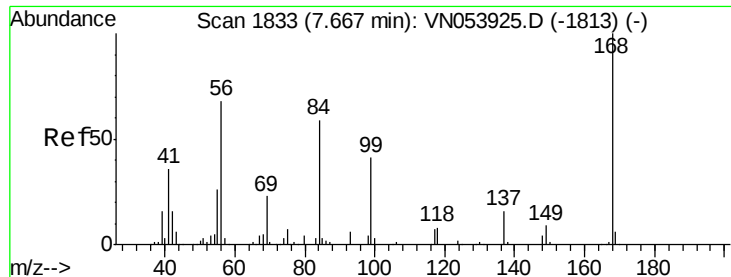
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	12941	1.301	ug/l #	26
16) Acetone	3.82	43	57861	21.339	ug/l	94
18) Methyl Acetate	4.33	43	4540	0.964	ug/l #	64
20) Methylene Chloride	4.55	84	285995	42.912	ug/l	90
25) 2-Butanone	6.85	43	3956	1.496	ug/l	97
30) Chloroform	7.37	83	2520	0.221	ug/l	99
31) Cyclohexane	7.67	56	10806	0.598	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39474	4.051	ug/l #	47
38) Carbon Tetrachloride	7.67	117	48831	4.818	ug/l #	16
40) Benzene	8.05	78	8656	0.289	ug/l	93
43) Isopropyl Acetate	8.17	43	38174	3.249	ug/l #	88
45) 1,2-Dichloropropane	9.26	63	1626	0.201	ug/l #	44
48) Methyl methacrylate	9.18	41	12090	2.237	ug/l #	22
49) 1,4-Dioxane	9.26	88	92	1.257	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	10433	1.728	ug/l #	34
52) Toluene	10.16	92	6941	0.394	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	74136	6.540	ug/l #	69
56) Ethyl methacrylate	10.54	69	1527	2.125	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12963	1.165	ug/l #	43
59) 2-Hexanone	10.76	43	197136	50.204	ug/l #	48
68) m/p-Xylenes	11.62	106	5602	0.415	ug/l	94
69) o-Xylene	11.95	106	5181	0.391	ug/l	89
71) Bromoform	12.41	173	3309	0.619	ug/l #	1
74) N-amyl acetate	11.88	43	18456	2.572	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	210816	37.365	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16017	0.715	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	210816	118.095	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	40102	1.792	ug/l	98
90) Hexachloroethane	13.89	117	1641	0.370	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	67	2.233	ug/l #	11
95) Naphthalene	15.13	128	11995	4.018	ug/l #	95

(#) = 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: VN054076.D

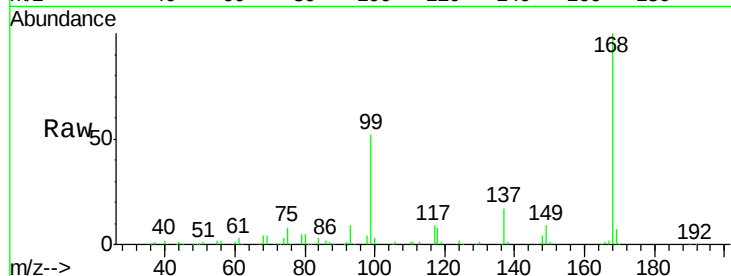
Acq: 4 Mar 2019 20:01

Tot Ion:168 Resp: 574456

Ion Ratio Lower Upper

168 100

99 52.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054076.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054076.D (-1740) (-)

7.67

250000

200000

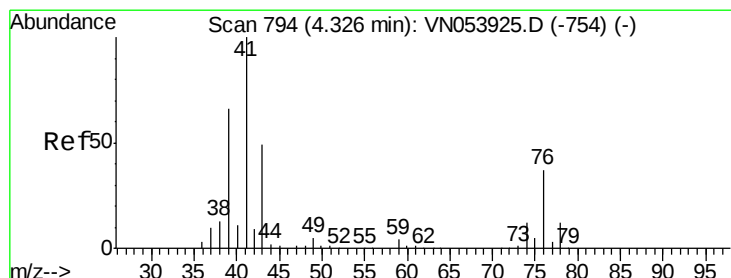
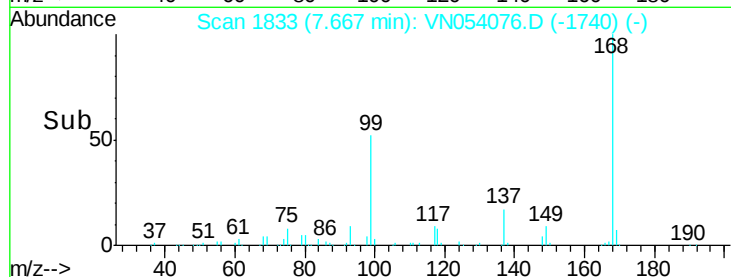
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#14

Allyl chloride

Concen: 1.301 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

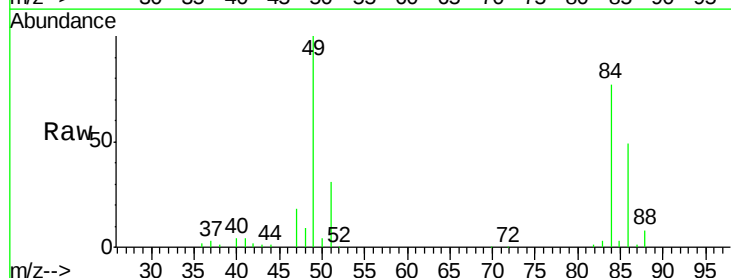
Tgt Ion: 41 Resp: 12941

Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VN054076.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN054076.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN054076.D (-701) (-)

4.55

5000

4000

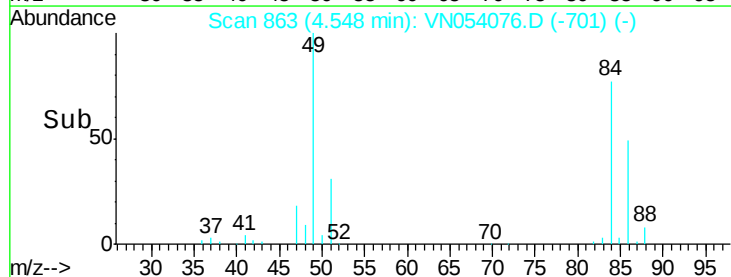
3000

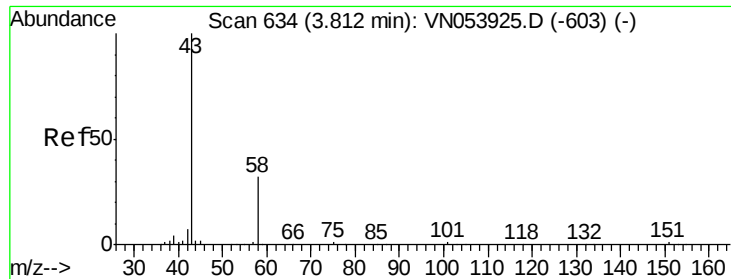
2000

1000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#16

Acetone

Concen: 21.339 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054076.D

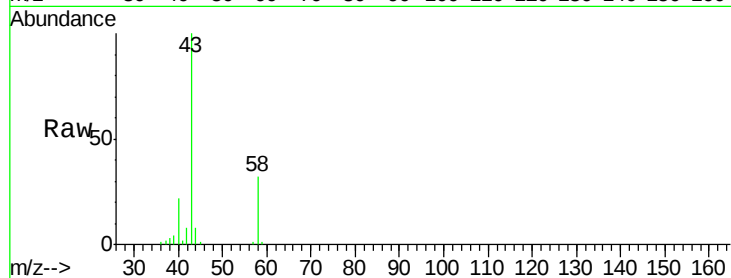
Acq: 4 Mar 2019 20:01

Tot Ion: 43 Resp: 57861

Ion Ratio Lower Upper

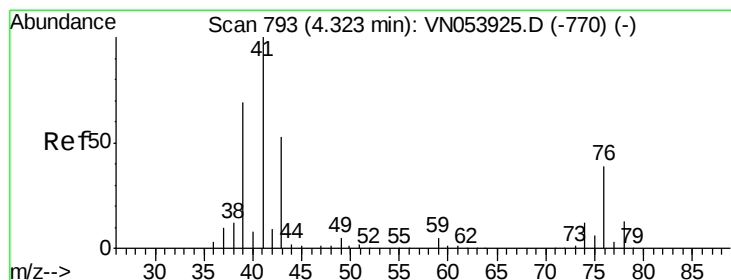
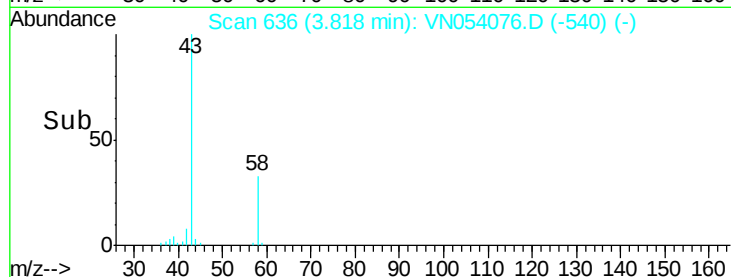
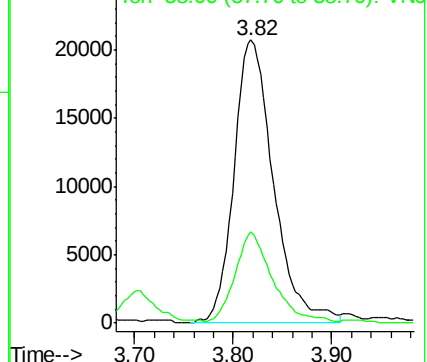
43 100

58 31.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.964 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN054076.D

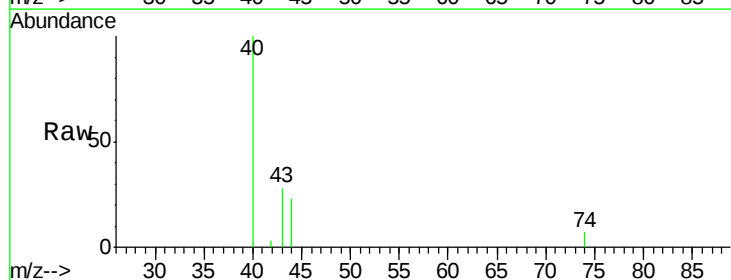
Acq: 4 Mar 2019 20:01

Tgt Ion: 43 Resp: 4540

Ion Ratio Lower Upper

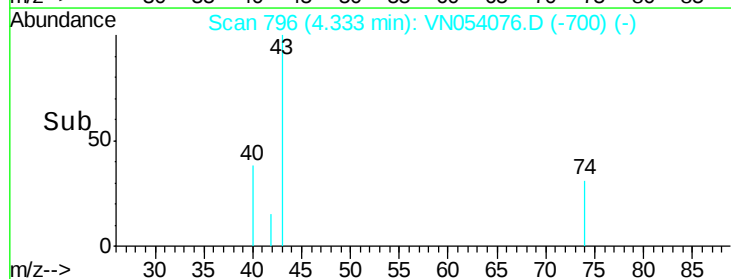
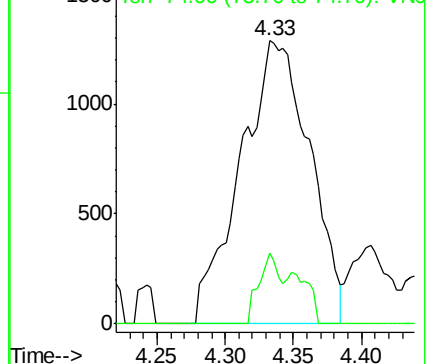
43 100

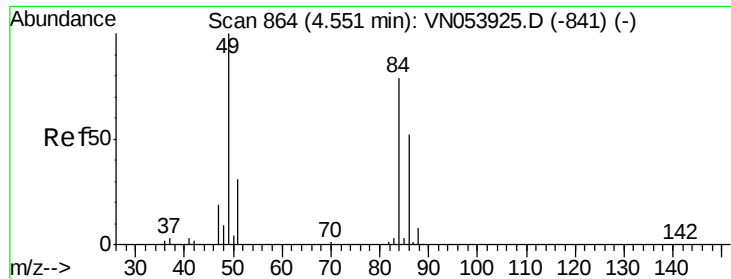
74 7.6 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

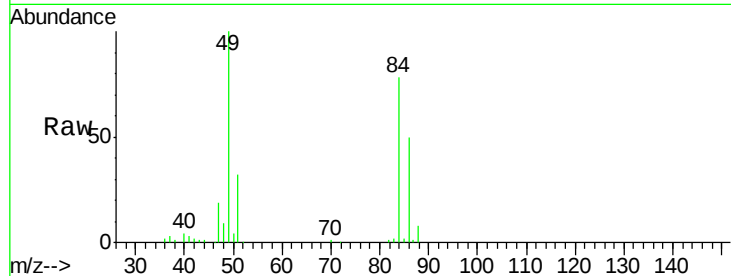
Ion 74.00 (73.70 to 74.70): VN0



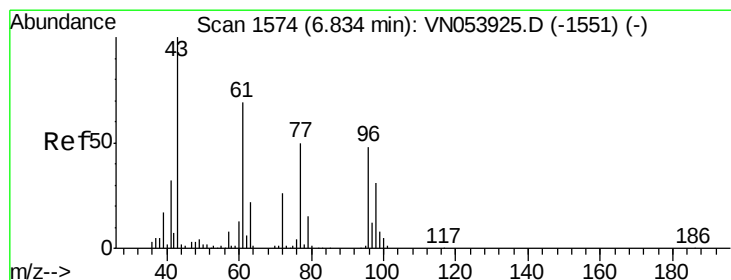
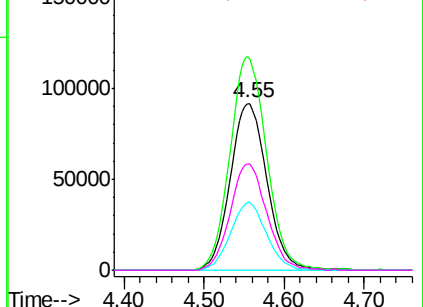
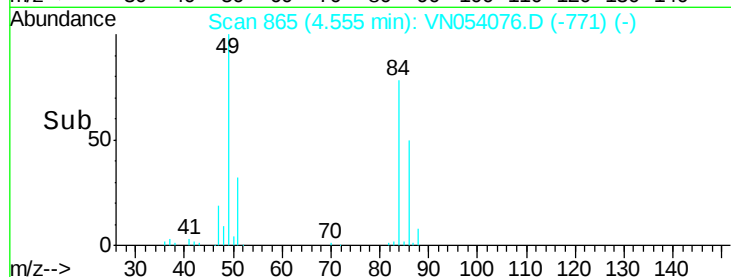


#20
Methvlene Chloride
Concen: 42.912 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tot Ion: 84 Resp: 285995
Ion Ratio Lower Upper
84 100
49 128.3 89.7 134.5
51 40.5 27.8 41.8
86 64.1 51.3 76.9

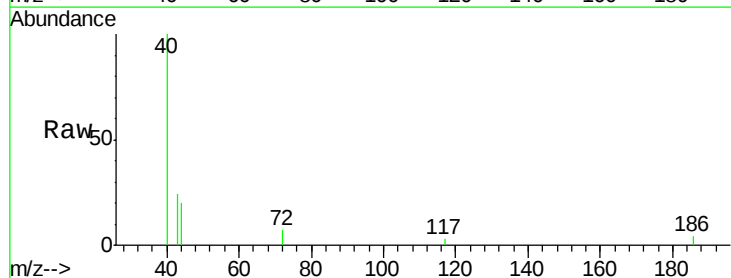


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

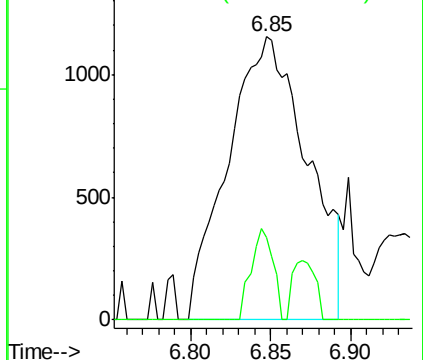
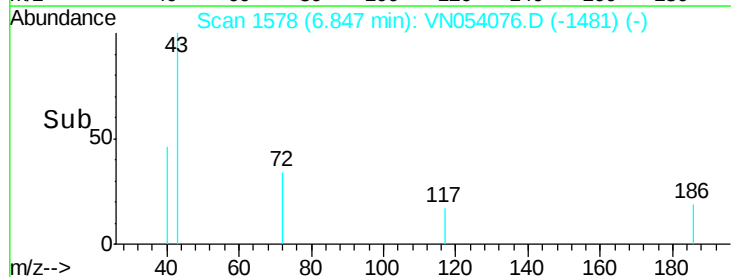


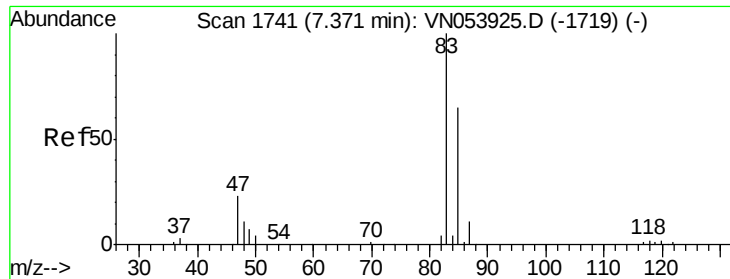
#25
2-Butanone
Concen: 1.496 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion: 43 Resp: 3956
Ion Ratio Lower Upper
43 100
72 29.1 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: 0.221 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054076.D

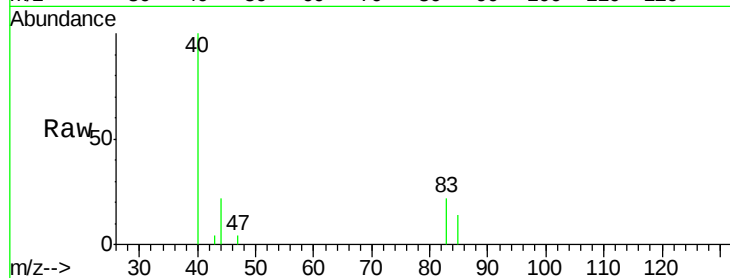
Acq: 4 Mar 2019 20:01

Tot Ion: 83 Resp: 2520

Ion Ratio Lower Upper

83 100

85 65.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

1200

1000

800

600

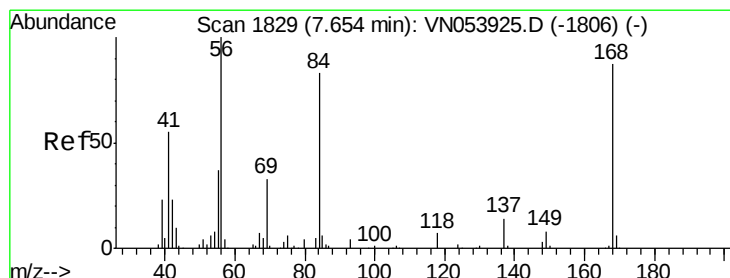
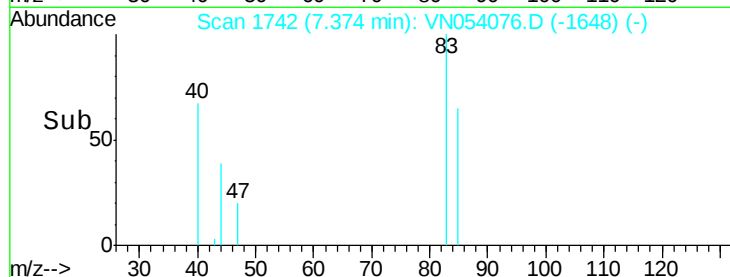
400

200

0

7.35 7.40

Time-->



#31

Cyclohexane

Concen: 0.598 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

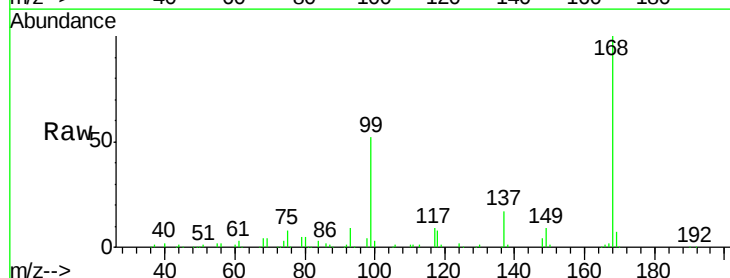
Tgt Ion: 56 Resp: 10806

Ion Ratio Lower Upper

56 100

69 196.5 26.0 39.0#

84 151.6 69.1 103.7#



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

10000

8000

6000

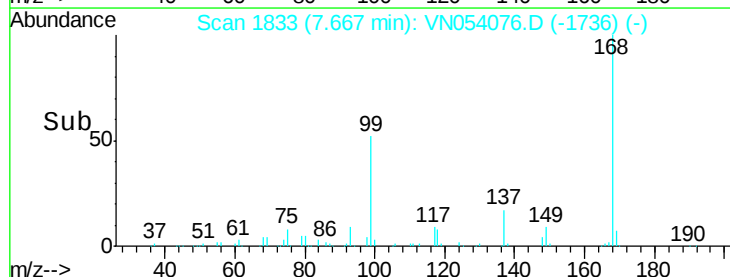
4000

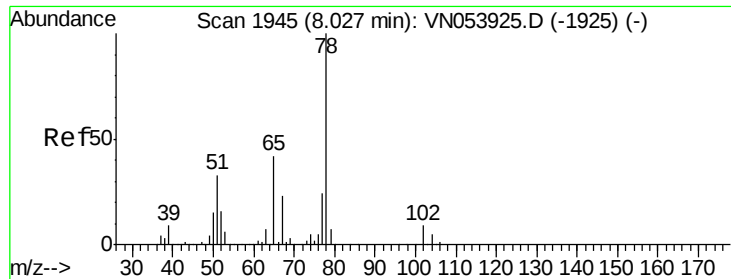
2000

0

7.60 7.65 7.70 7.75

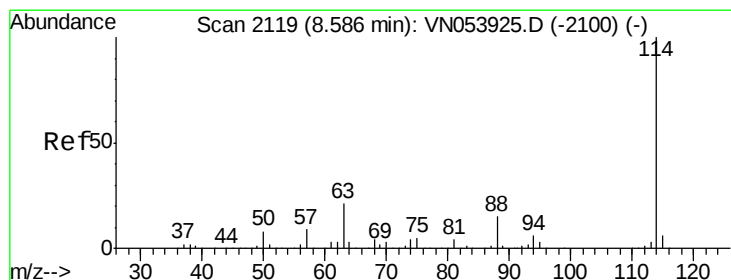
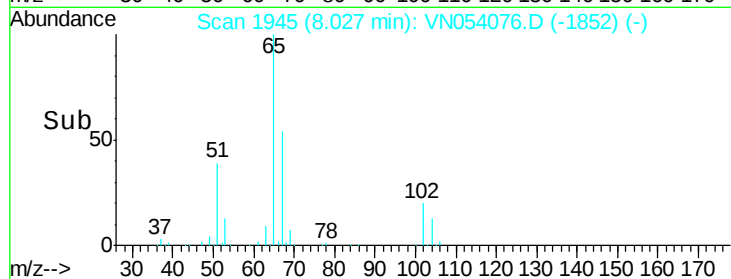
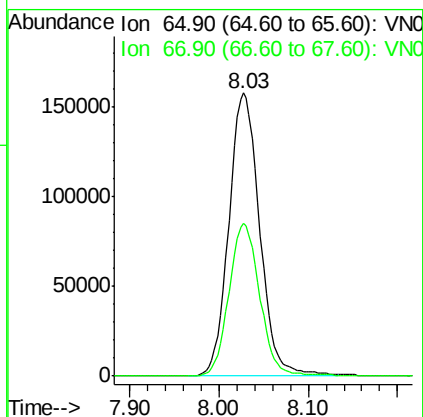
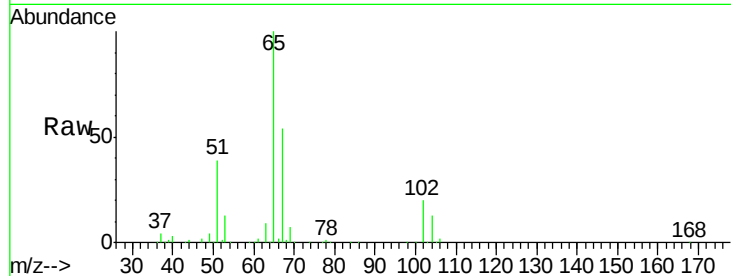
Time-->





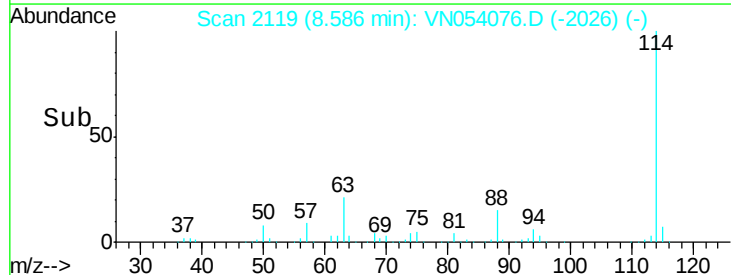
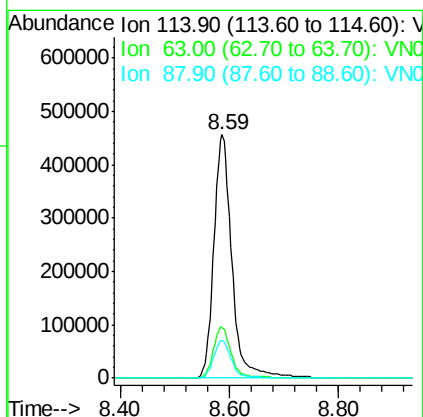
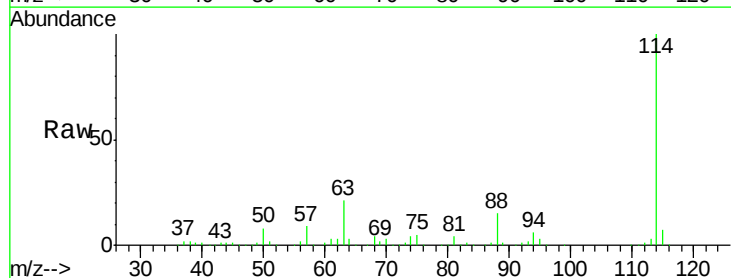
#33
 1,2-Dichloroethane-d4
 Concen: 56.216 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

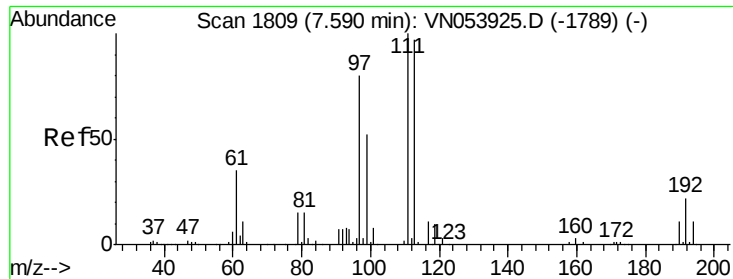
Tot Ion: 65 Resp: 378552
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

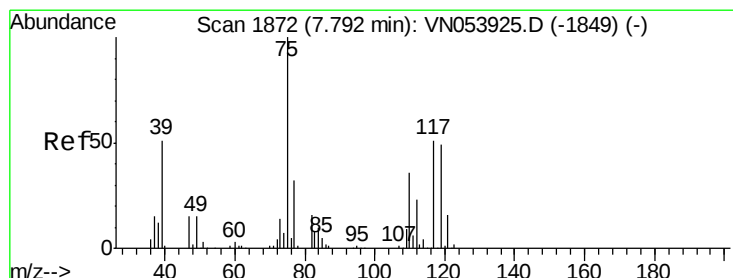
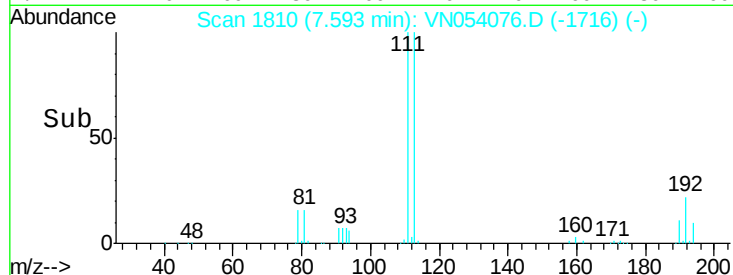
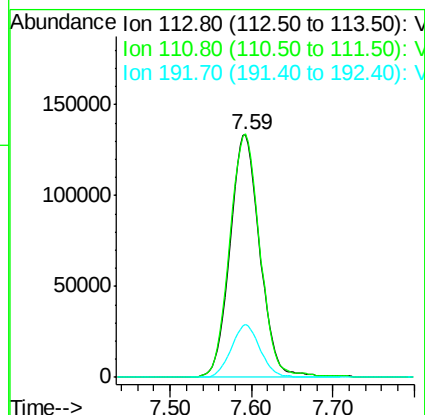
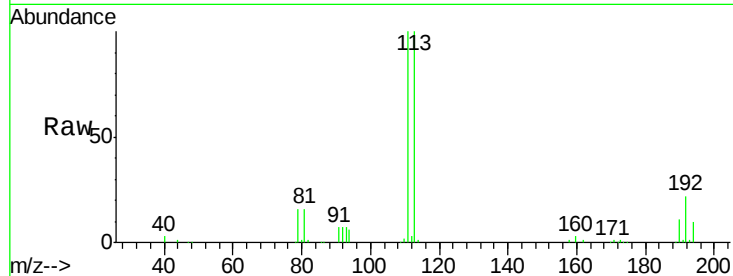
Tgt Ion: 114 Resp: 1047938
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.4
 88 15.5 0.0 30.4





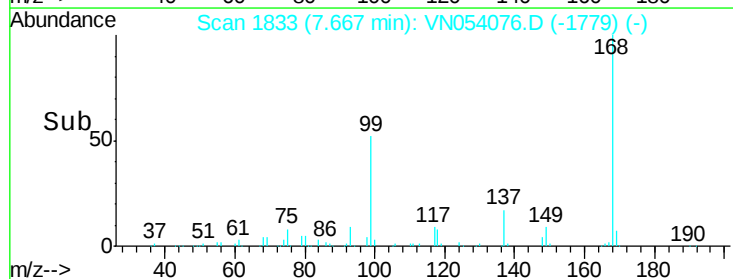
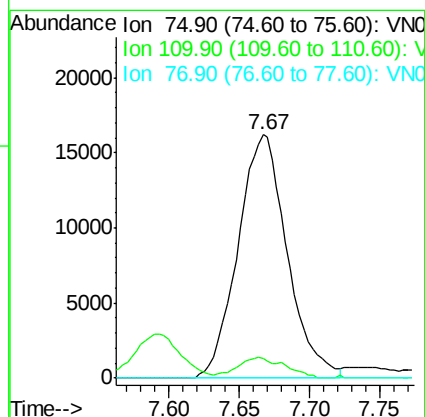
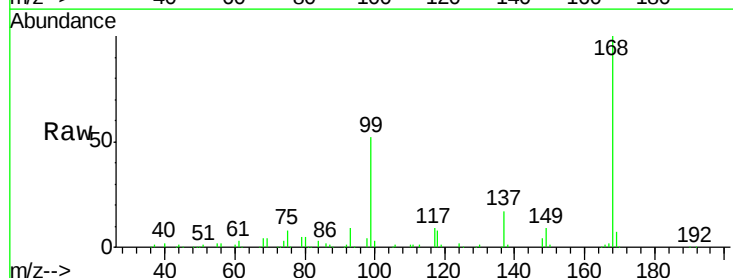
#35
 Dibromofluoromethane
 Concen: 50.468 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

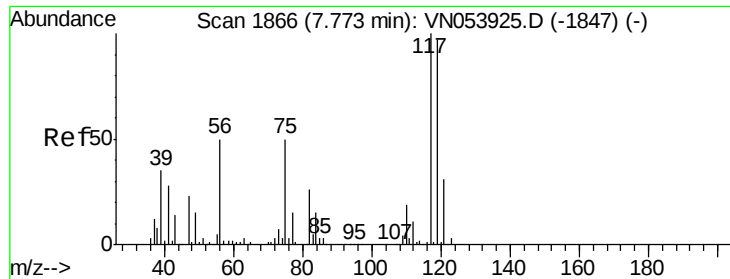
Tot Ion:113 Resp: 342002
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.1 121.7
 192 21.1 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.051 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054076.D
 Acq: 4 Mar 2019 20:01

Tgt Ion: 75 Resp: 39474
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.0 57.0#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 4.818 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

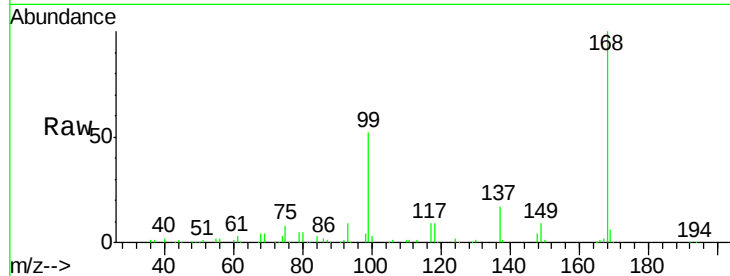
Tot Ion:117 Resp: 48831

Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

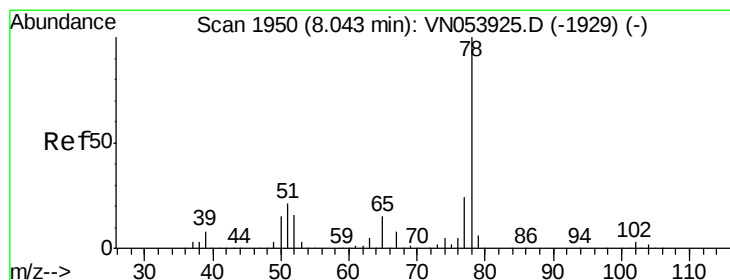
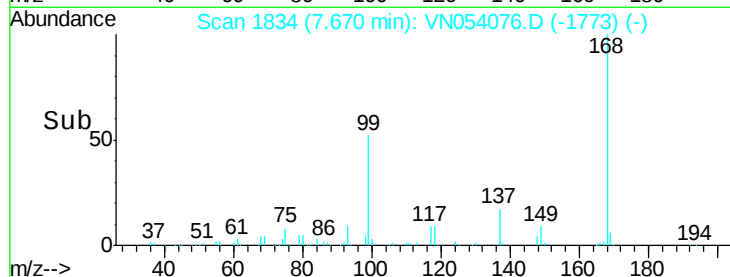
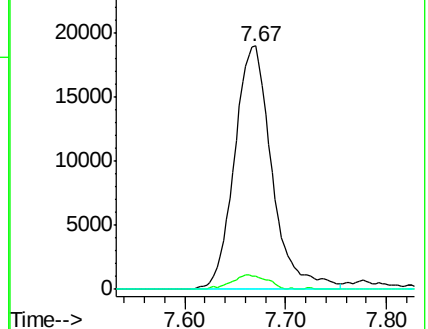
121 0.0 24.6 36.8#



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



#40

Benzene

Concen: 0.289 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN054076.D

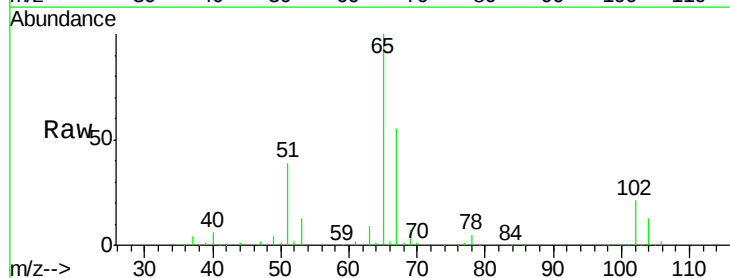
Acq: 4 Mar 2019 20:01

Tgt Ion: 78 Resp: 8656

Ion Ratio Lower Upper

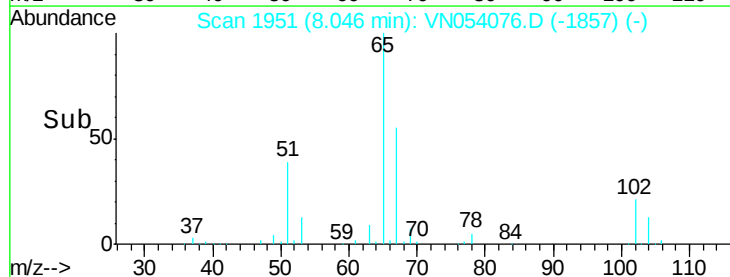
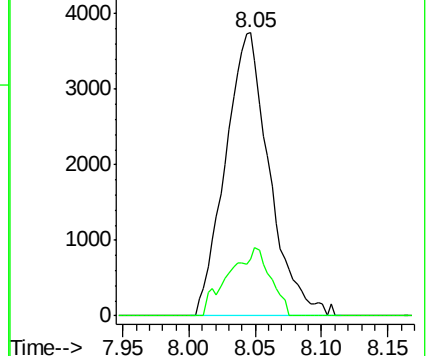
78 100

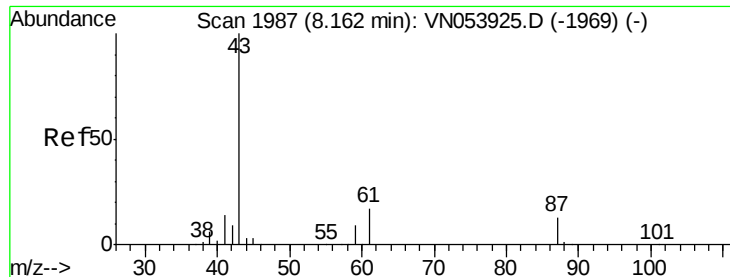
77 20.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN

Ion 77.00 (76.70 to 77.70): VN





#43

Isopropyl Acetate

Concen: 3.249 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

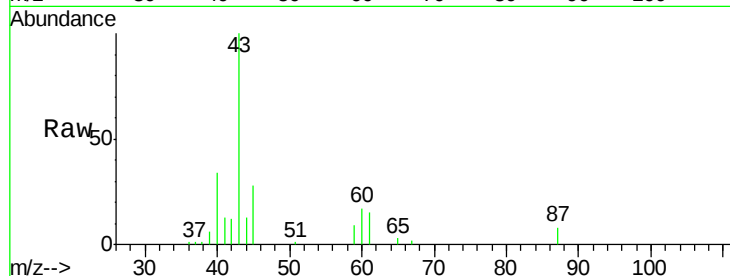
Tot Ion: 43 Resp: 38174

Ion Ratio Lower Upper

43 100

61 15.9 17.4 26.0#

87 9.6 11.5 17.3#

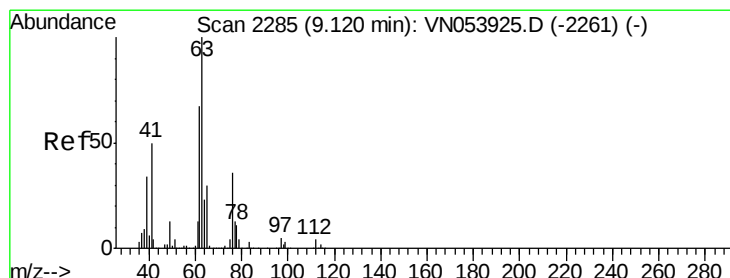
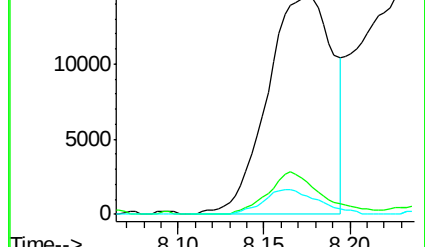
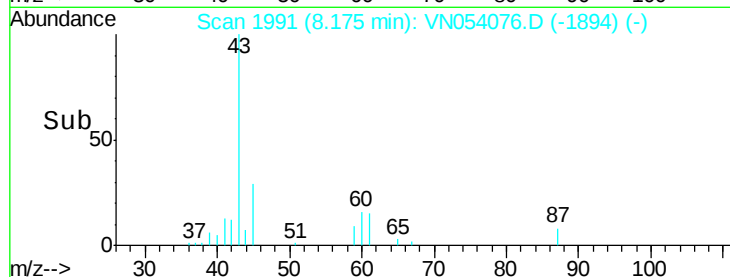


Abundance Ion 43.00 (42.70 to 43.70): VN054076.D (-1991) (-)

Ion 61.00 (60.70 to 61.70): VN054076.D (-1991) (-)

Ion 87.00 (86.70 to 87.70): VN054076.D (-1991) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 0.201 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN054076.D

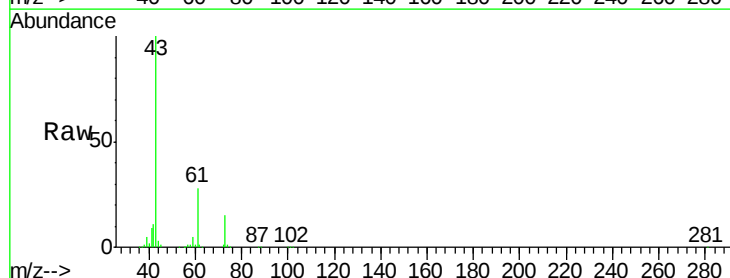
Acq: 4 Mar 2019 20:01

Tgt Ion: 63 Resp: 1626

Ion Ratio Lower Upper

63 100

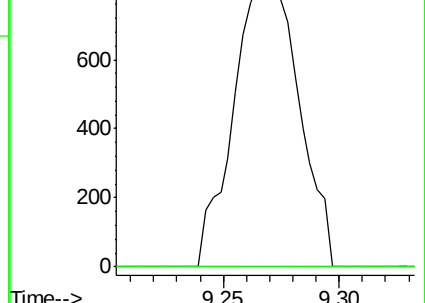
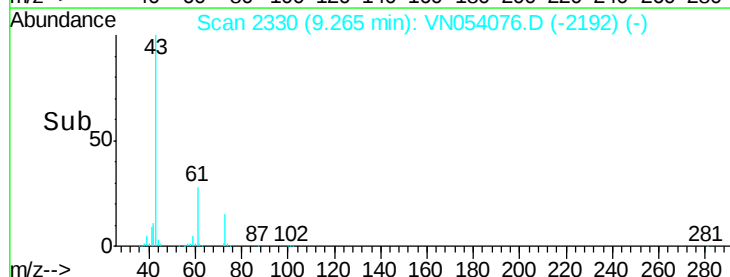
65 0.0 24.3 36.5#

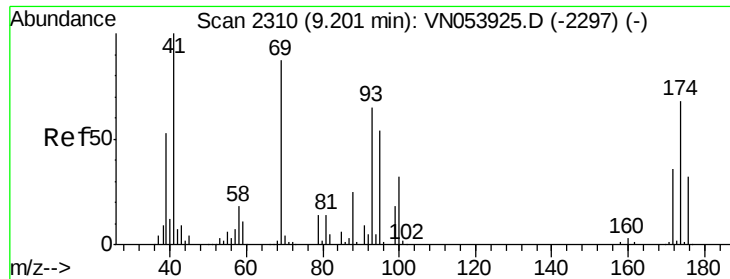


Abundance Ion 62.90 (62.60 to 63.60): VN054076.D (-2330) (-)

Ion 64.90 (64.60 to 65.60): VN054076.D (-2330) (-)

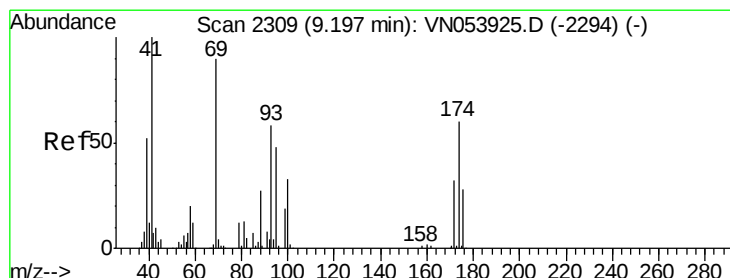
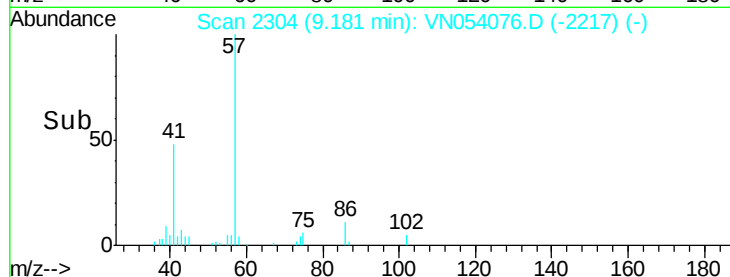
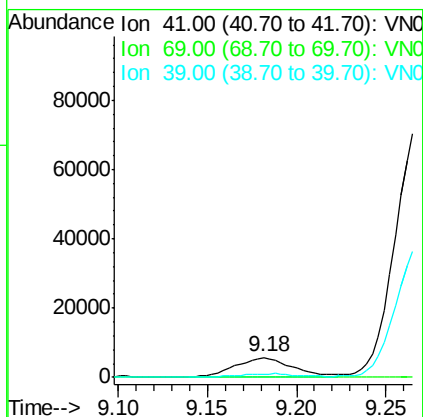
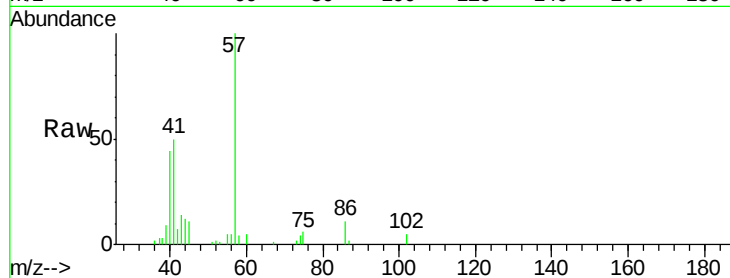
Time-->





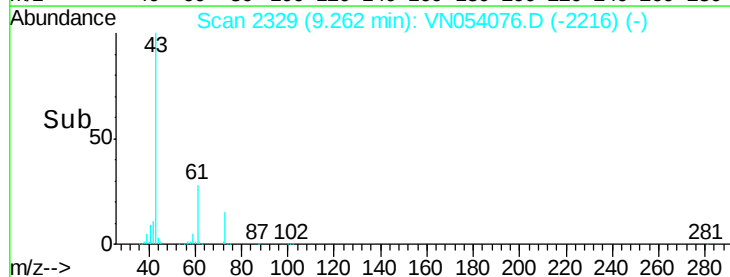
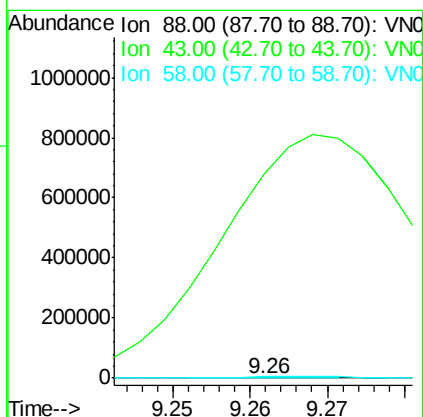
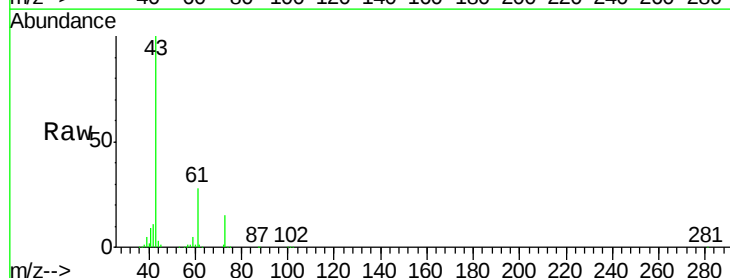
#48
Methvl methacrvlate
Concen: 2.237 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

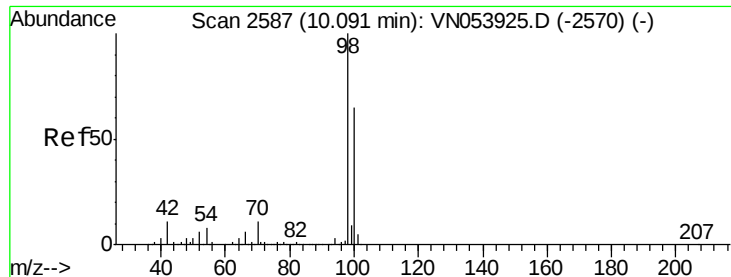
Tot Ion: 41 Resp: 12090
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 20.9 39.0 58.6#



#49
1,4-Dioxane
Concen: 1.257 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

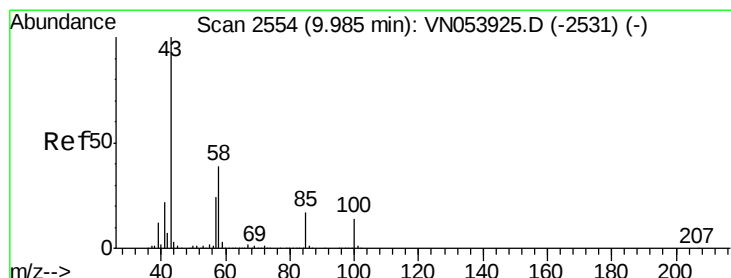
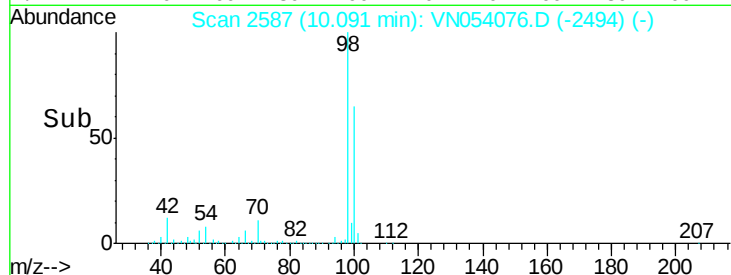
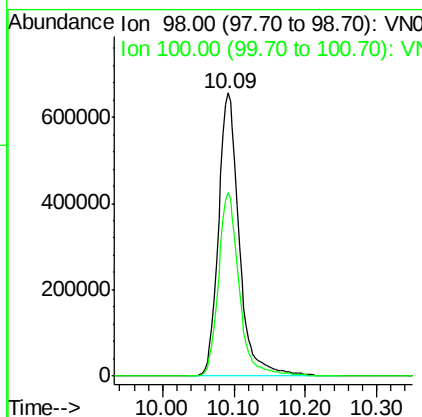
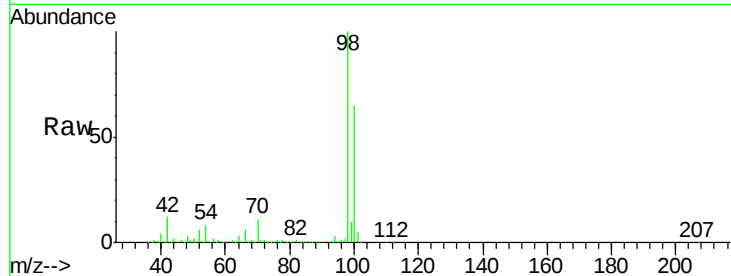
Tgt Ion: 88 Resp: 92
Ion Ratio Lower Upper
88 100
43 1796645.7 21.2 31.8#
58 9767.4 54.2 81.2#





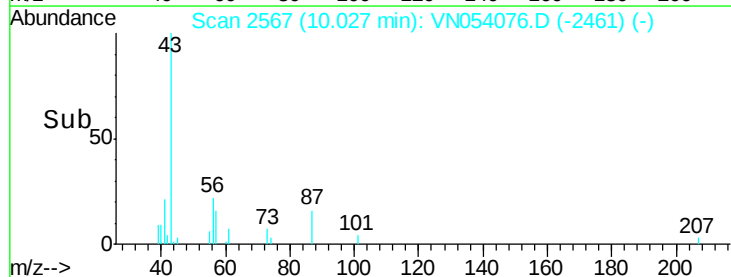
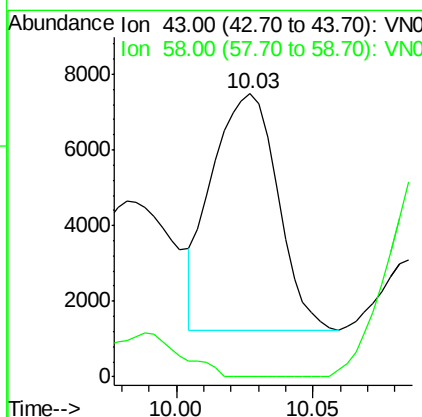
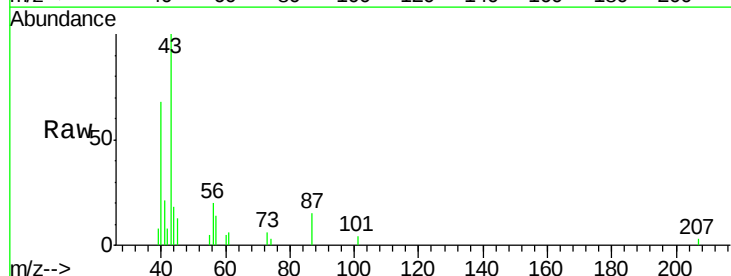
#50
Toluene-d8
Concen: 52.481 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

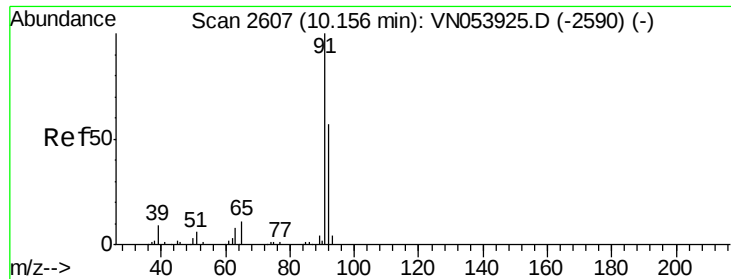
Tot Ion: 98 Resp: 1323903
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.728 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion: 43 Resp: 10433
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#





#52

Toluene

Concen: 0.394 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054076.D

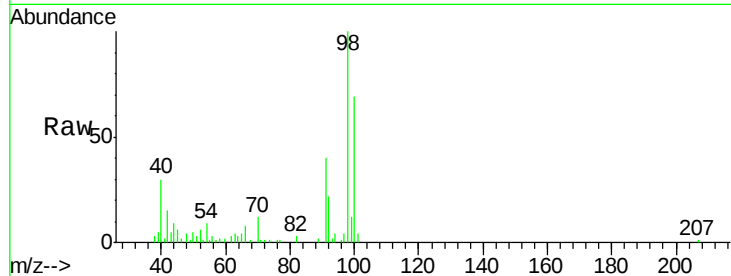
Acq: 4 Mar 2019 20:01

Tot Ion: 92 Resp: 6941

Ion Ratio Lower Upper

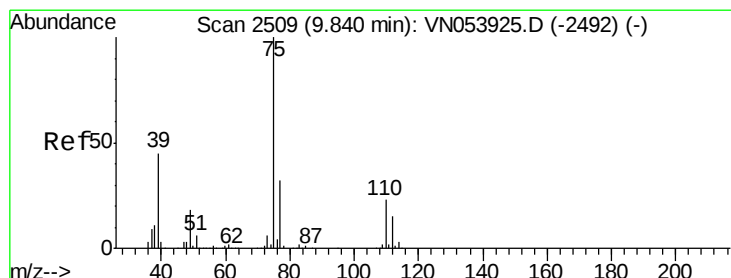
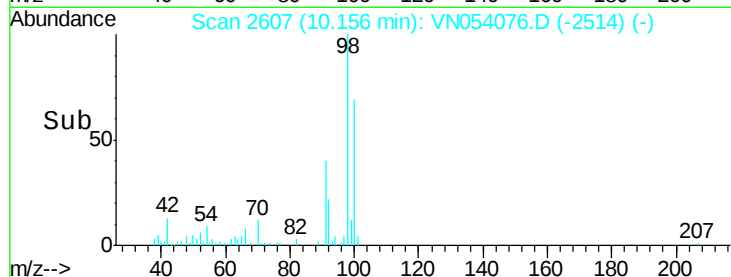
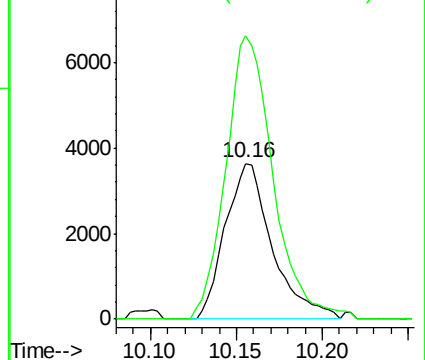
92 100

91 183.2 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.540 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

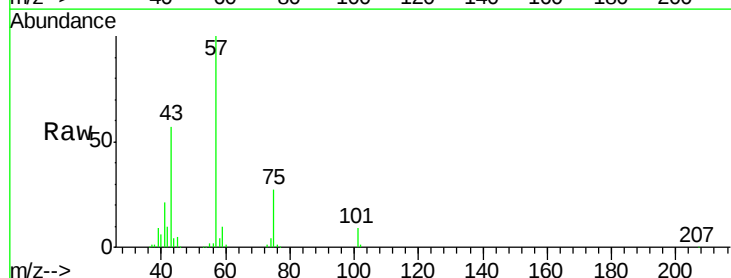
Tgt Ion: 75 Resp: 74136

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

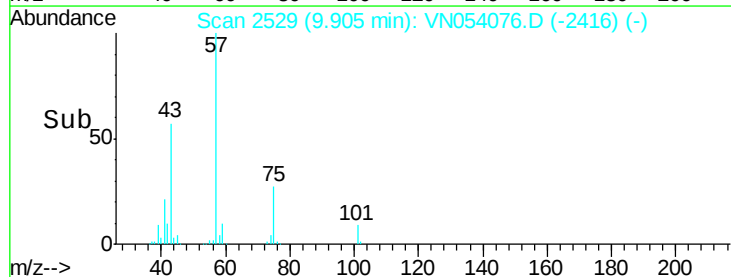
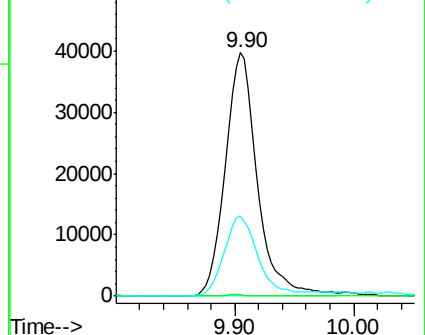
39 32.6 31.4 47.0

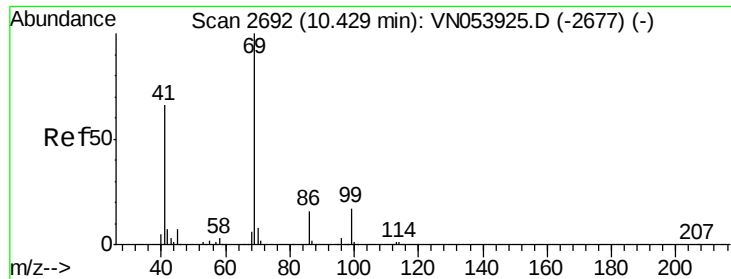


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.125 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

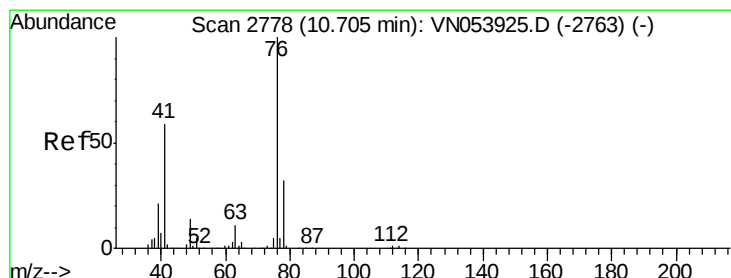
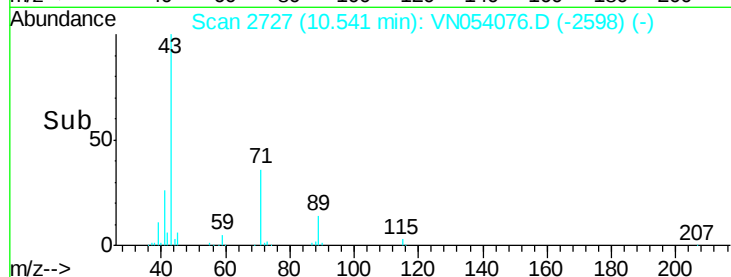
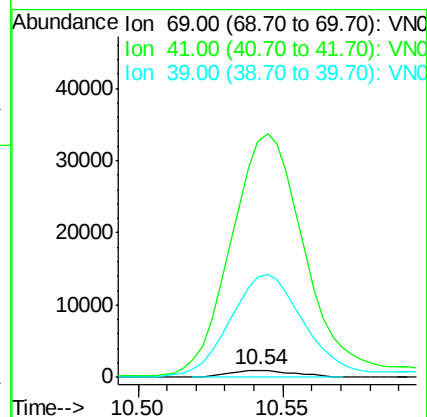
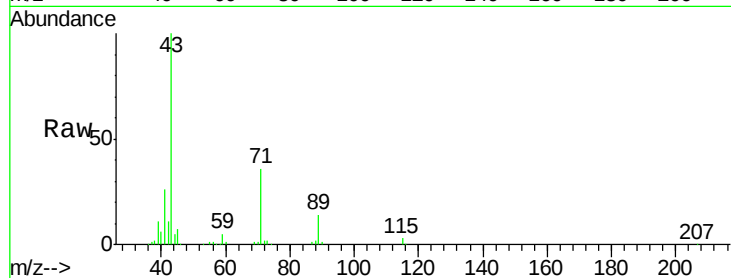
Tot Ion: 69 Resp: 1527

Ion Ratio Lower Upper

69 100

41 3932.0 47.5 71.3#

39 1684.0 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.165 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054076.D

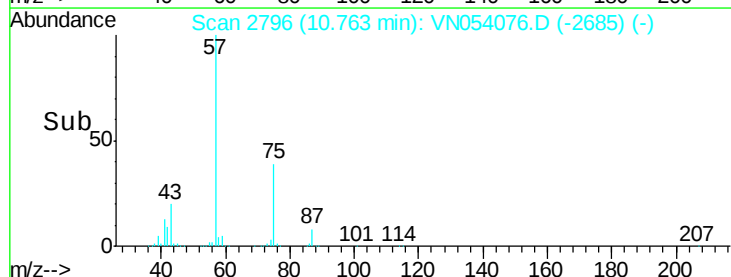
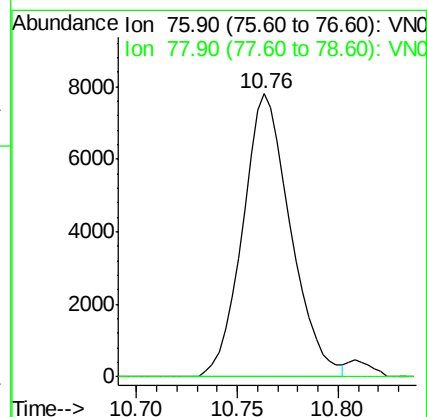
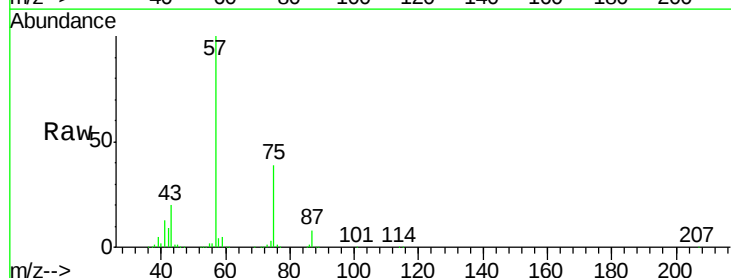
Acq: 4 Mar 2019 20:01

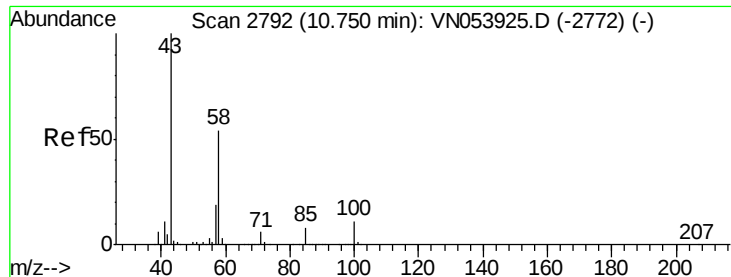
Tgt Ion: 76 Resp: 12963

Ion Ratio Lower Upper

76 100

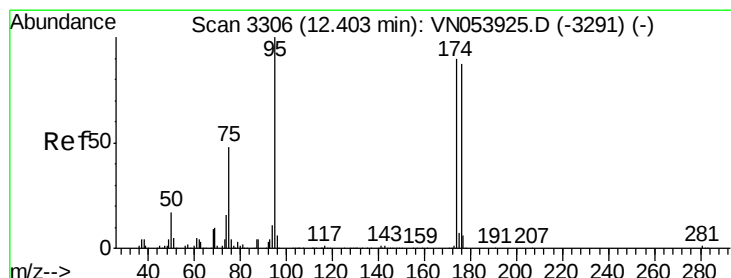
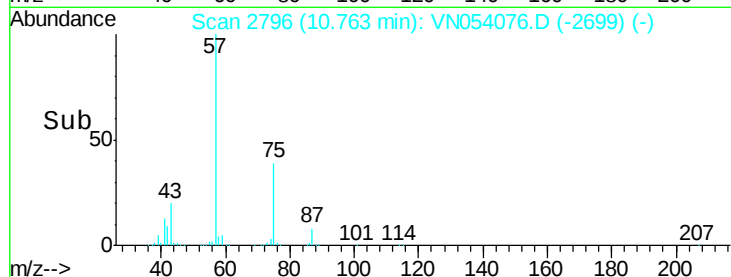
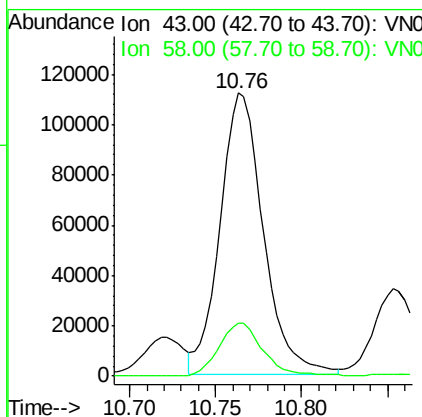
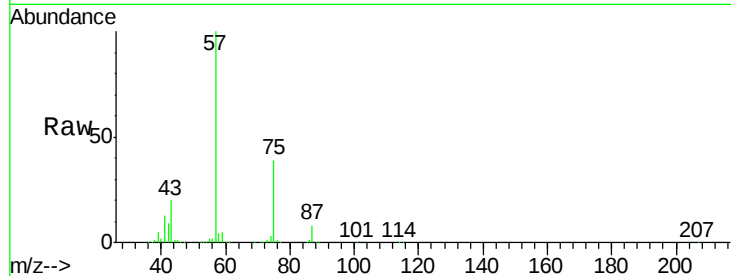
78 0.0 25.2 37.8#





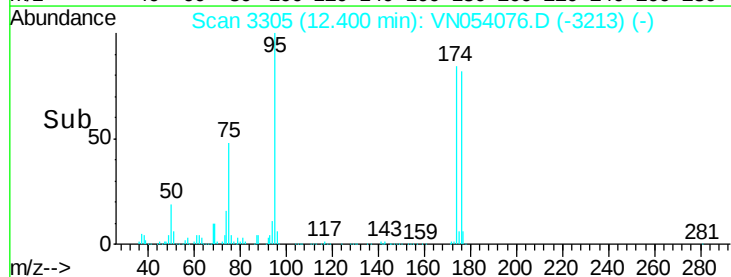
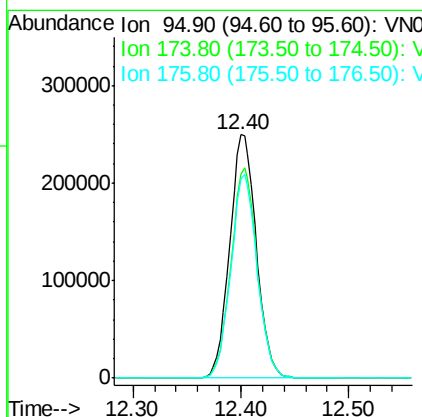
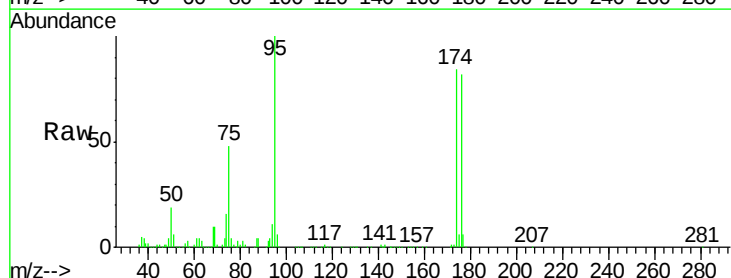
#59
2-Hexanone
Concen: 50.204 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

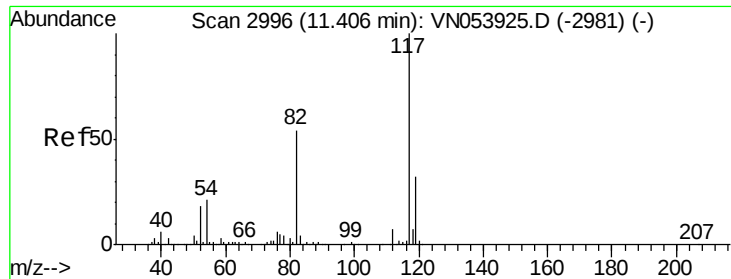
Tot Ion: 43 Resp: 197136
Ion Ratio Lower Upper
43 100
58 19.3 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 51.141 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

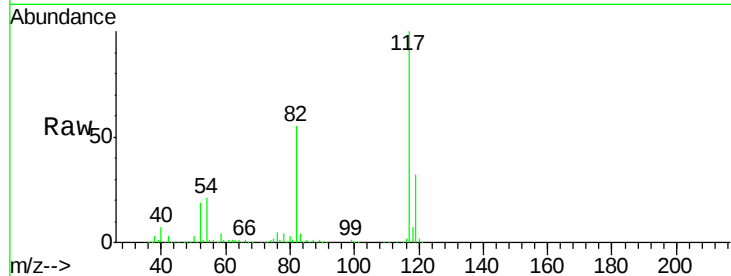
Tgt Ion: 95 Resp: 429824
Ion Ratio Lower Upper
95 100
174 85.5 0.0 188.8
176 82.4 0.0 182.6



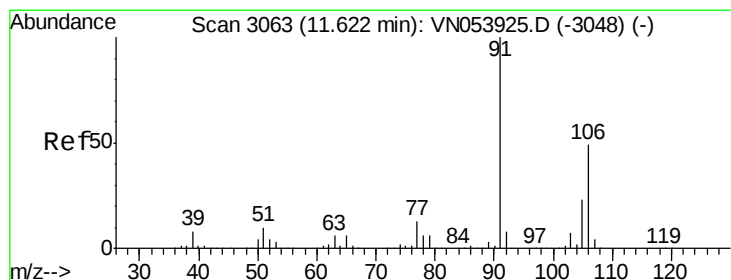
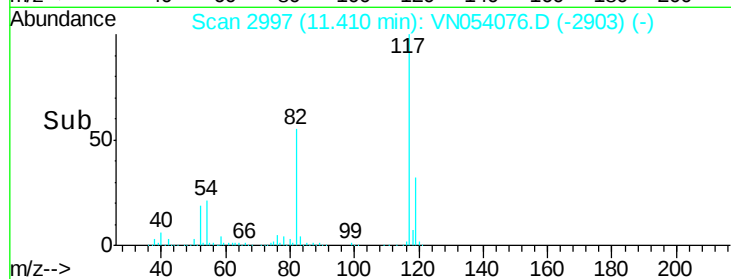
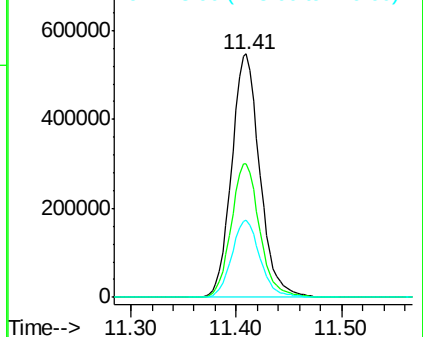


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tot Ion:117 Resp: 1009812
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.2
119 31.7 25.3 37.9

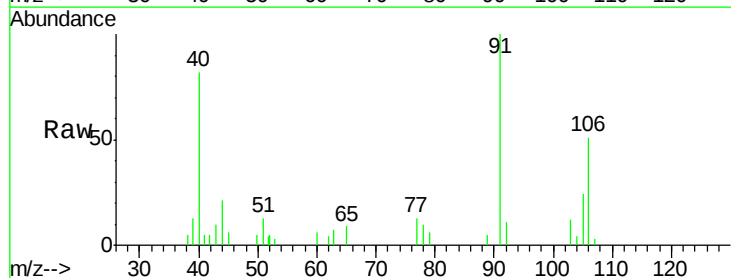


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

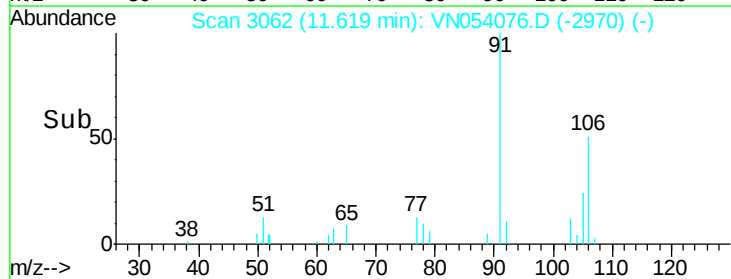
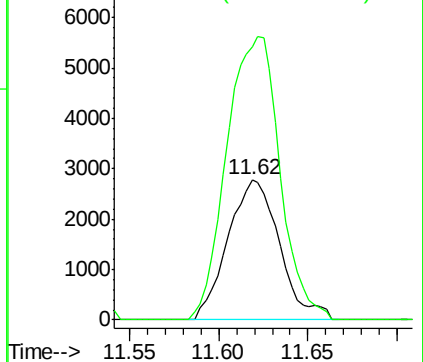


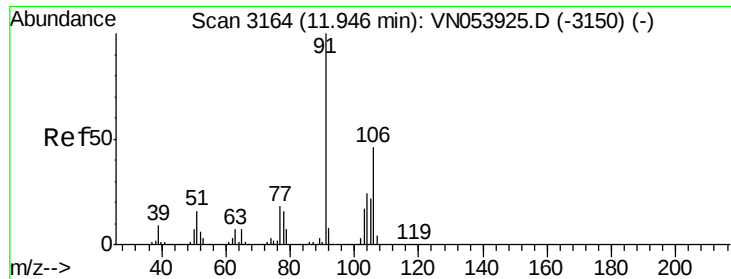
#68
m/p-Xylenes
Concen: 0.415 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion:106 Resp: 5602
Ion Ratio Lower Upper
106 100
91 207.6 158.9 238.3



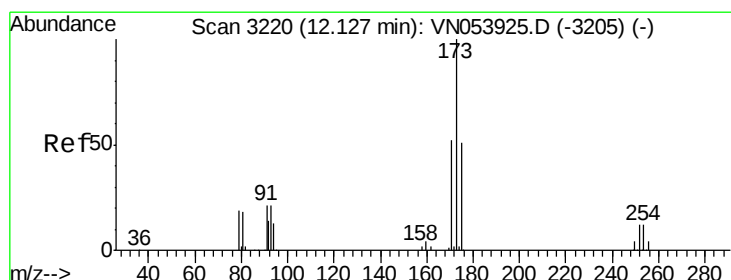
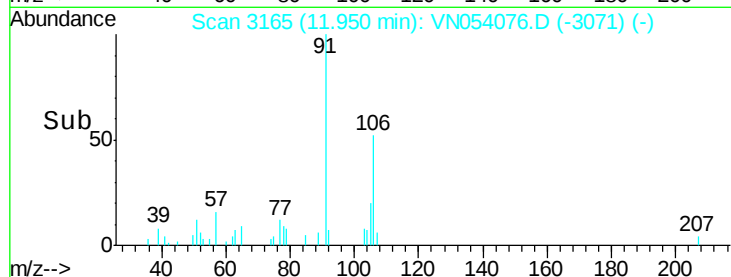
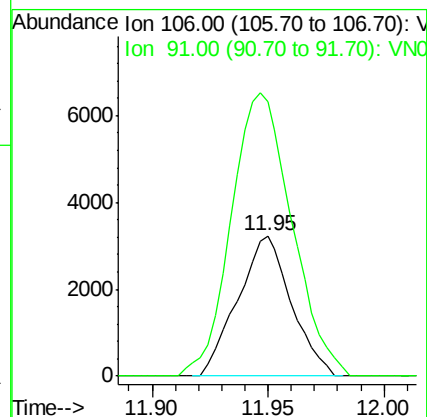
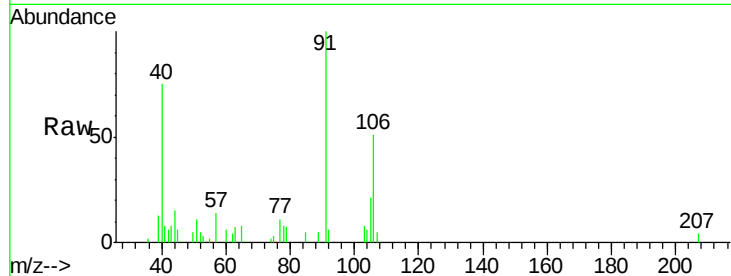
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





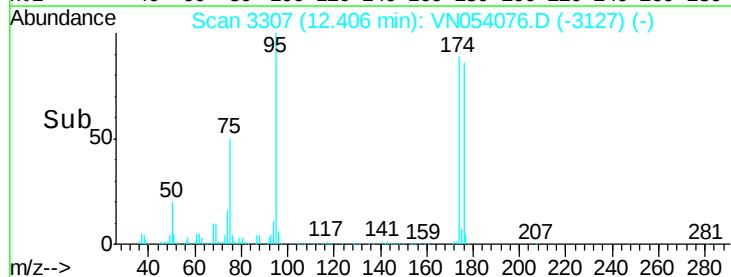
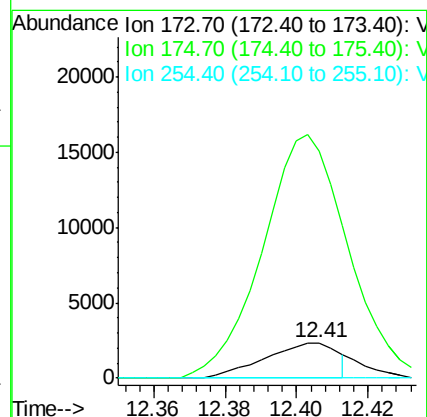
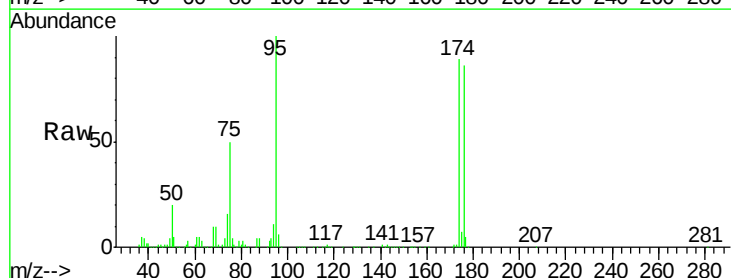
#69
o-Xylene
Concen: 0.391 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

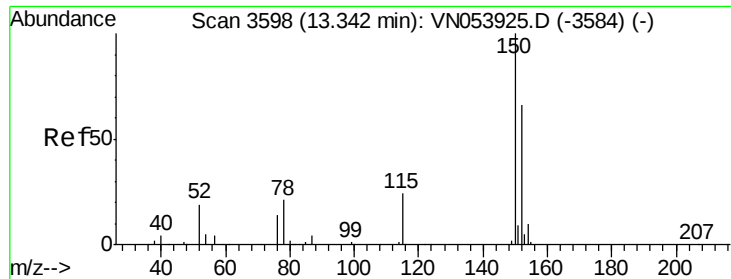
Tot Ion:106 Resp: 5181
Ion Ratio Lower Upper
106 100
91 228.7 106.0 318.0



#71
Bromoform
Concen: 0.619 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion:173 Resp: 3309
Ion Ratio Lower Upper
173 100
175 688.4 24.3 72.8#
254 0.0 0.2 0.2#

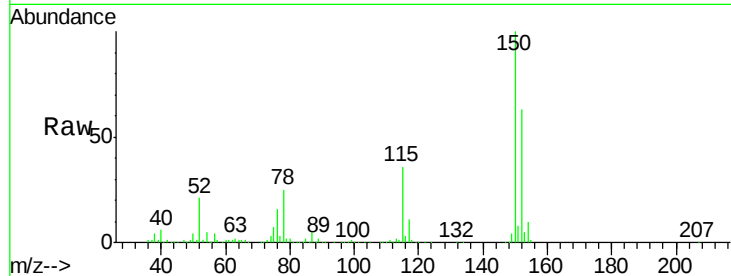




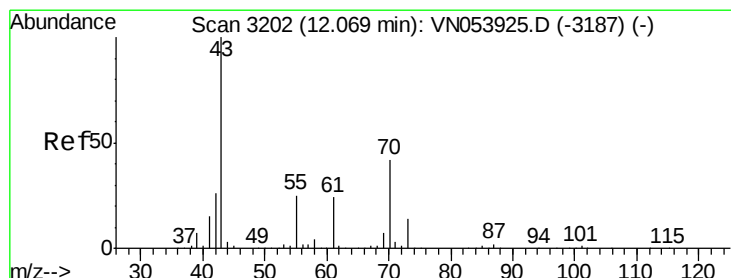
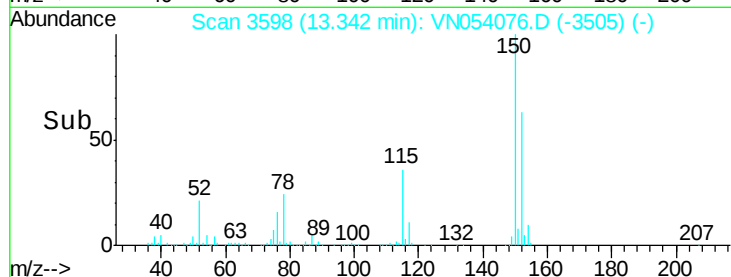
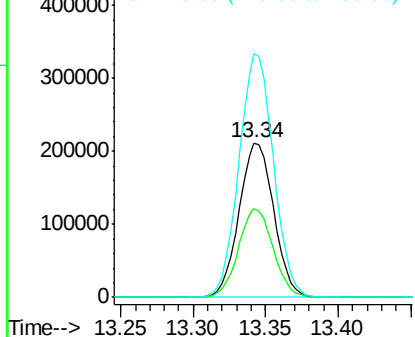
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	157.2	0.0	348.2



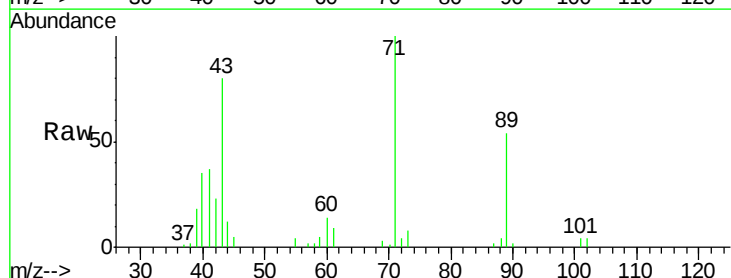
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



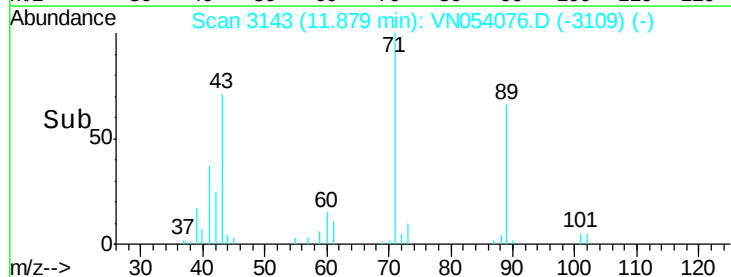
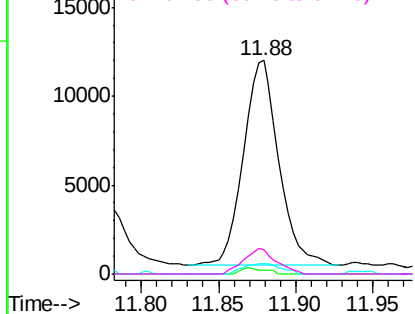
#74

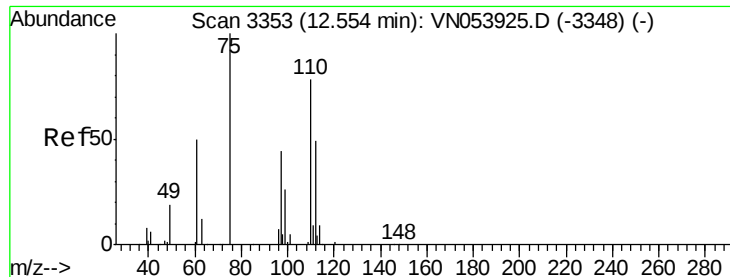
N-ethyl acetate
Concen: 2.572 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
70	2.0	37.4	56.2#
55	5.3	21.4	32.0#
61	11.1	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

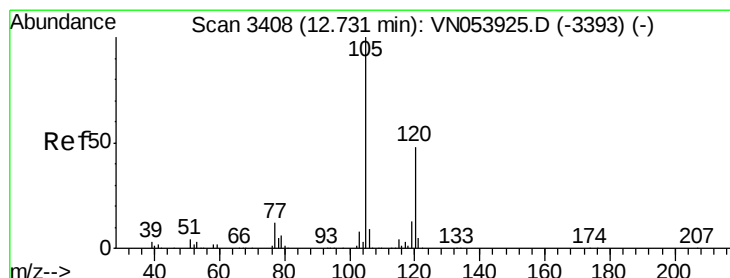
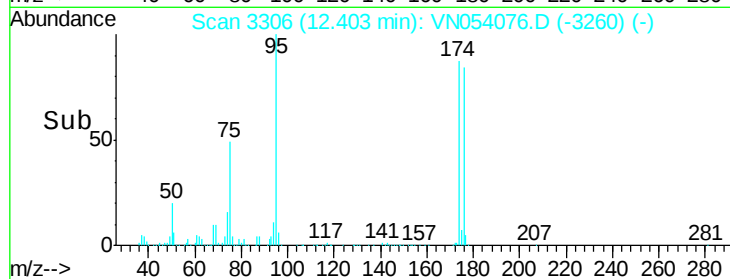
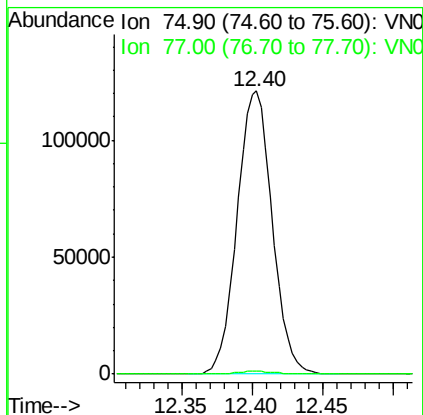
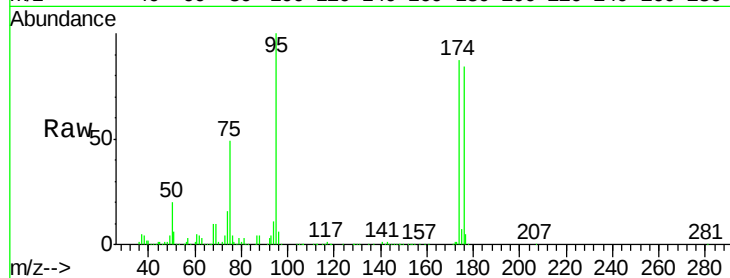




#76

1,2,3-Trichloropropane
Concen: 37.365 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

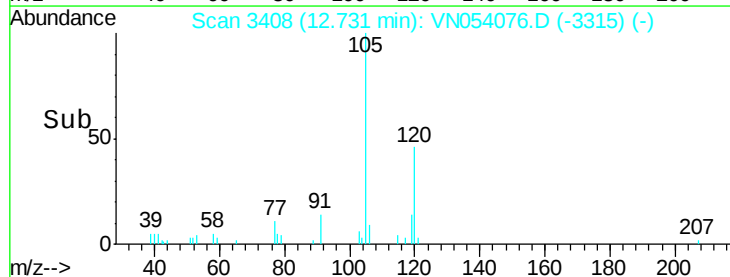
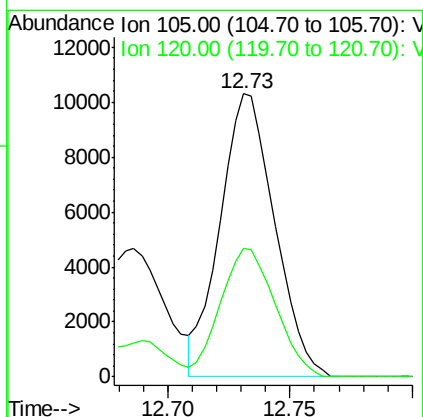
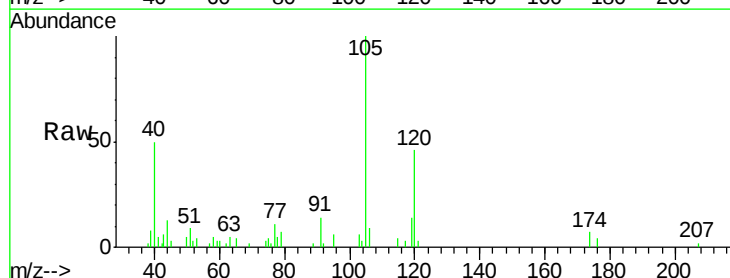
Tot Ion: 75 Resp: 210816
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

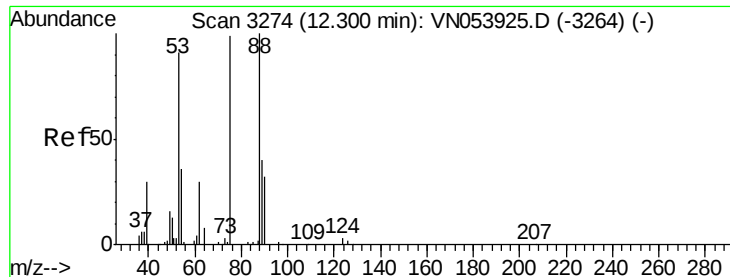


#80

1,3,5-Trimethylbenzene
Concen: 0.715 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054076.D
Acq: 4 Mar 2019 20:01

Tgt Ion: 105 Resp: 16017
Ion Ratio Lower Upper
105 100
120 45.6 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 118.095 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

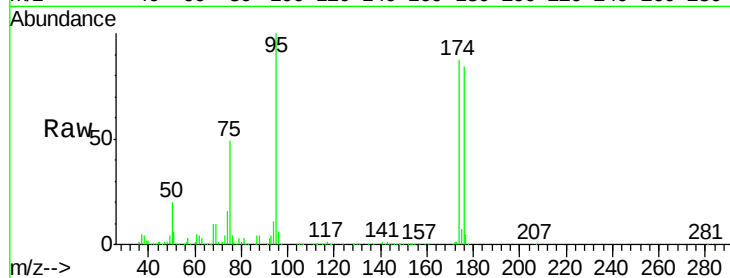
Tot Ion: 75 Resp: 210816

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

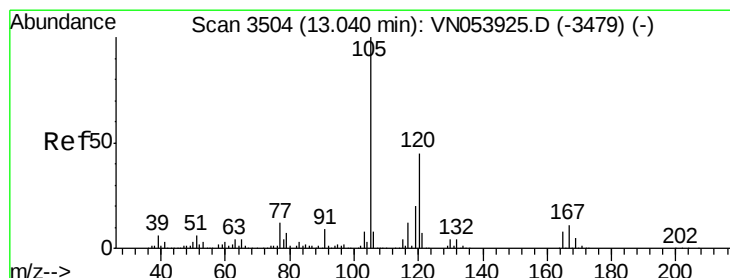
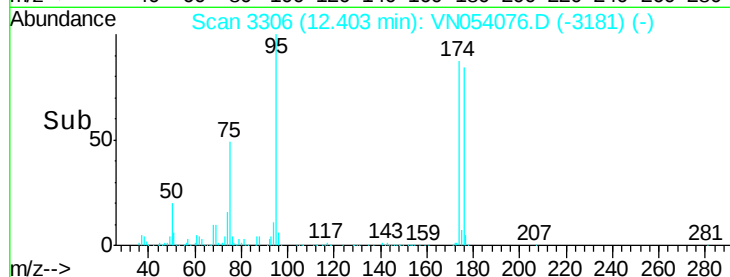
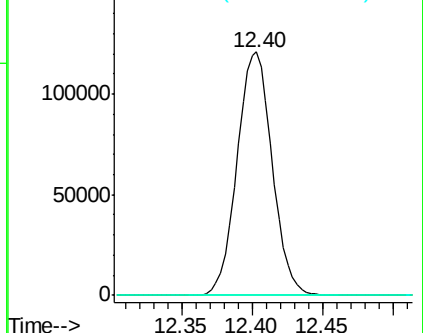
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054076.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN054076.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN054076.D (-3306) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.792 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054076.D

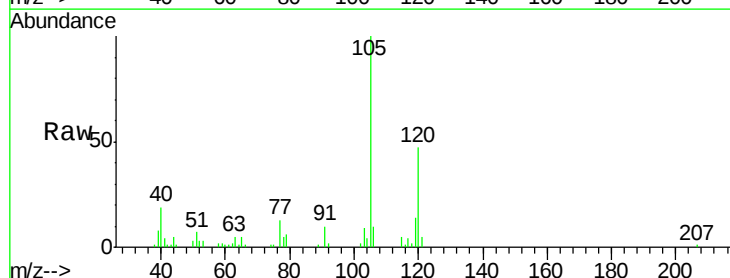
Acq: 4 Mar 2019 20:01

Tgt Ion: 105 Resp: 40102

Ion Ratio Lower Upper

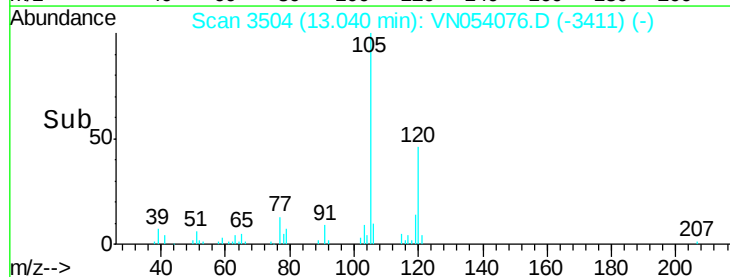
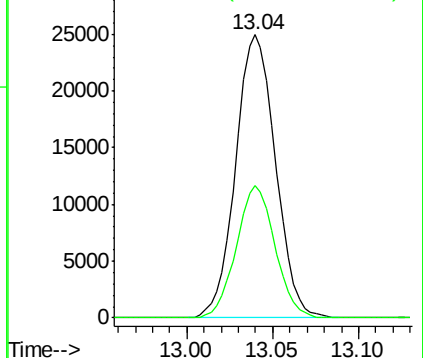
105 100

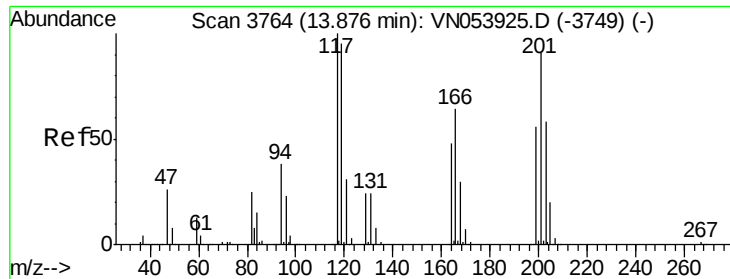
120 45.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN054076.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN054076.D (-3504) (-)





#90

Hexachloroethane

Concen: 0.370 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054076.D

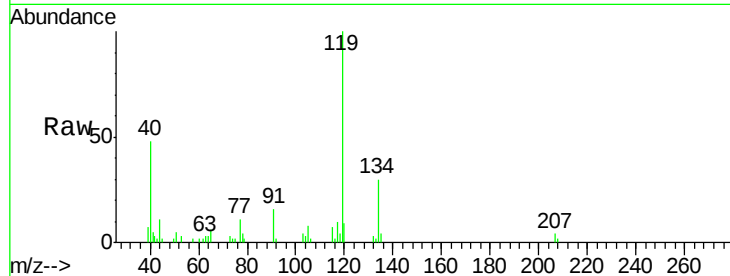
Acq: 4 Mar 2019 20:01

Tot Ion:117 Resp: 1641

Ion Ratio Lower Upper

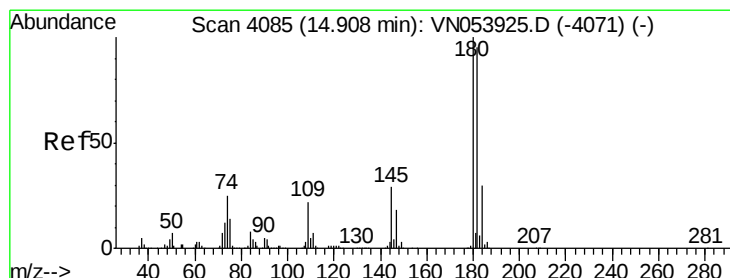
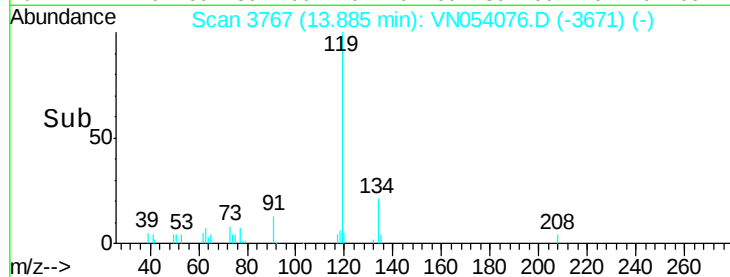
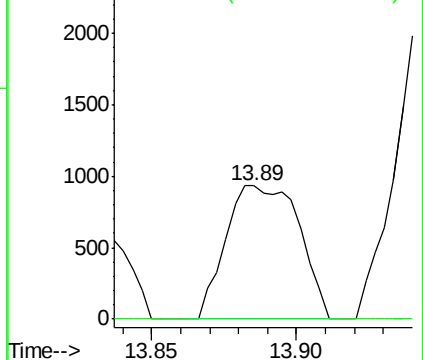
117 100

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: 2.233 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

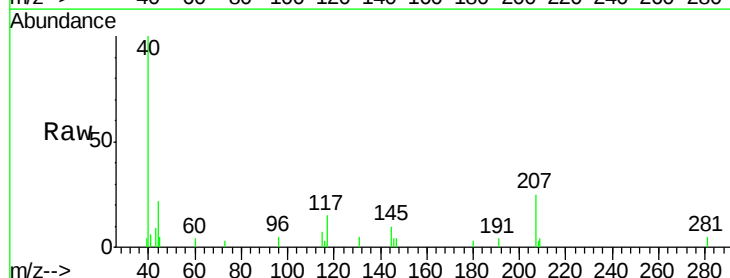
Tgt Ion:180 Resp: 67

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

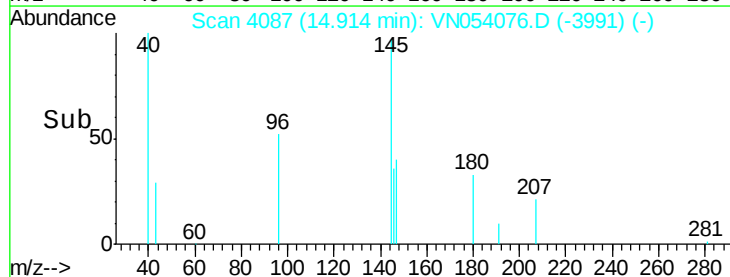
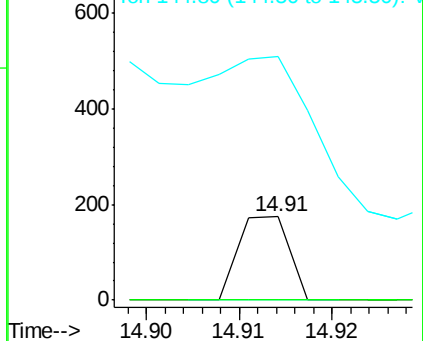
145 0.0 13.8 41.3#

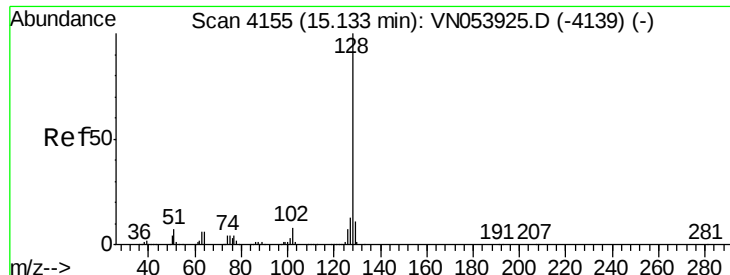


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.018 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054076.D

Acq: 4 Mar 2019 20:01

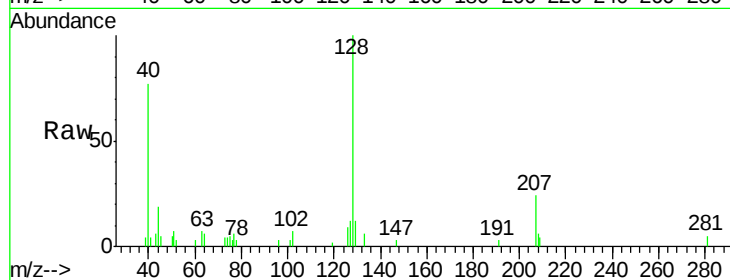
Tot Ion:128 Resp: 11995

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

129 13.2 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

