

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054075.D
 Acq On : 4 Mar 2019 19:34
 Operator : JC/SP
 Sample : K1688-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 04 23:57:37 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	608815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1099792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413520	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	401287	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	
35) Dibromofluoromethane	7.59	113	359486	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.09	98	1434671	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.40	95	478697	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	12827	1.217	ug/l #	27
16) Acetone	3.82	43	14443	Below Cal		96
18) Methyl Acetate	4.34	43	4654	0.933	ug/l #	75
20) Methylene Chloride	4.55	84	302767	42.864	ug/l	89
25) 2-Butanone	6.85	43	2150	0.767	ug/l	95
29) Tetrahydrofuran	7.22	42	1289	0.691	ug/l #	37
30) Chloroform	7.37	83	9442	0.781	ug/l	93
31) Cyclohexane	7.67	56	11907	0.639	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42467	4.073	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51471	4.747	ug/l #	16
43) Isopropyl Acetate	8.17	43	41924	3.335	ug/l #	86
45) 1,2-Dichloropropane	9.27	63	2391	0.277	ug/l #	44
47) Bromodichloromethane	9.40	83	2628	0.249	ug/l #	85
48) Methyl methacrylate	9.18	41	12977	2.244	ug/l #	23
49) 1,4-Dioxane	9.26	88	165	2.107	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11755	1.820	ug/l #	34
52) Toluene	10.16	92	8389	0.445	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	79986	6.595	ug/l #	70
56) Ethyl methacrylate	10.54	69	1682	2.130	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	15232	1.280	ug/l #	43
59) 2-Hexanone	10.76	43	226906	54.011	ug/l #	47
68) m/p-Xylenes	11.62	106	12441	0.847	ug/l	95
69) o-Xylene	11.95	106	10409	0.721	ug/l	99
71) Bromoform	12.40	173	3409	0.586	ug/l #	1
74) N-amyl acetate	11.88	43	22226	2.634	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	239889	36.163	ug/l #	100
78) n-propylbenzene	12.59	91	10135	0.277	ug/l	91
80) 1,3,5-Trimethylbenzene	12.73	105	26542	1.007	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	239889	114.297	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	87937	3.342	ug/l	98
90) Hexachloroethane	13.89	117	1717	0.329	ug/l #	2
95) Naphthalene	15.13	128	14086	4.017	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	31	1.562	ug/l #	1

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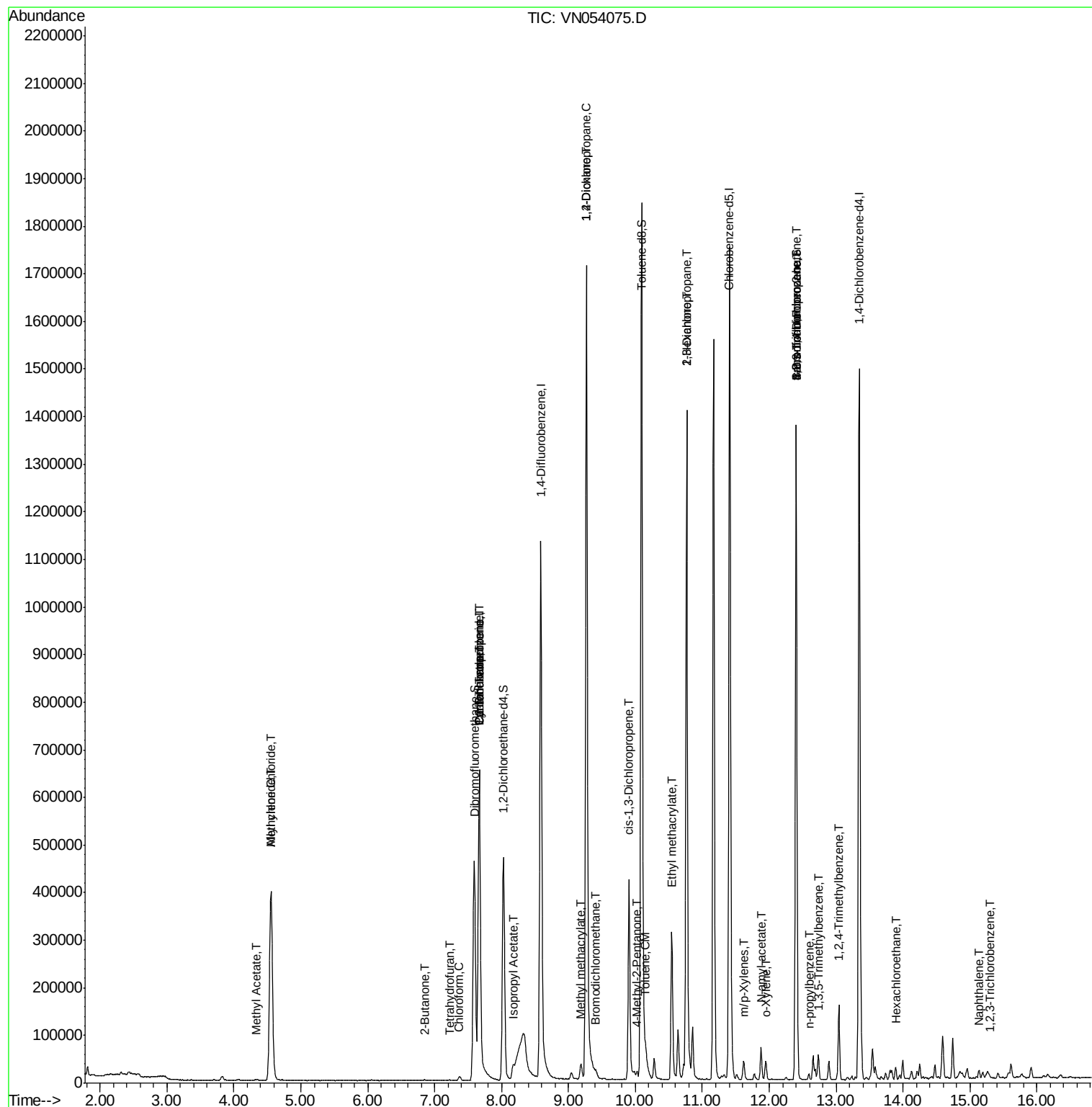
Quant Time: Mar 04 23:57:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
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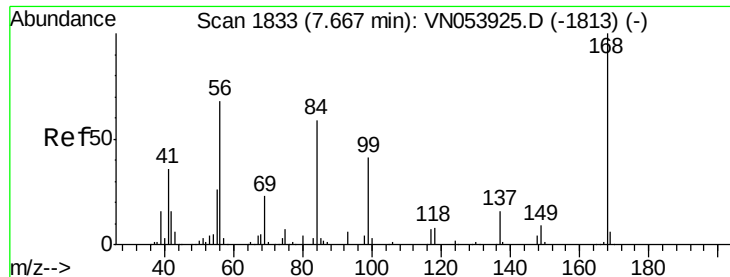
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054075.D

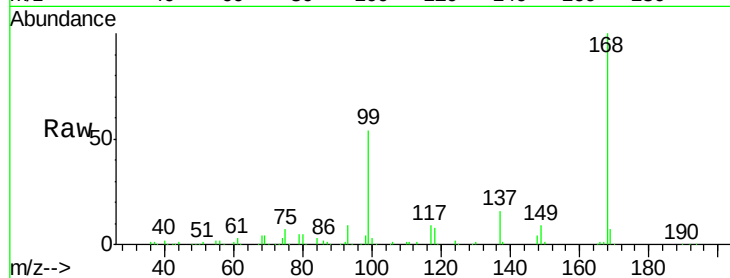
Acq: 4 Mar 2019 19:34

Tot Ion:168 Resp: 608815

Ion Ratio Lower Upper

168 100

99 53.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

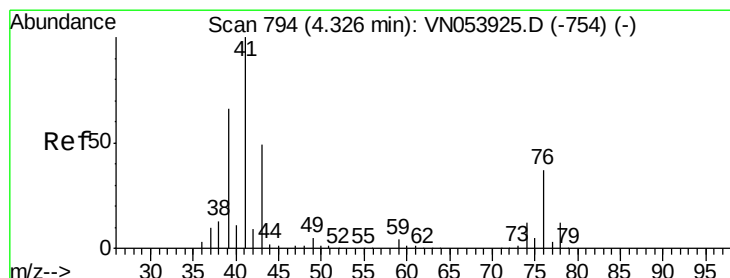
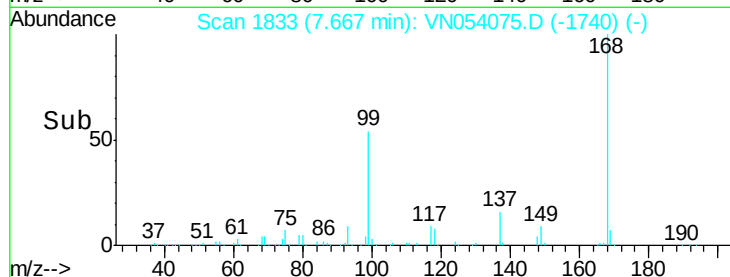
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#14

Allyl chloride

Concen: 1.217 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

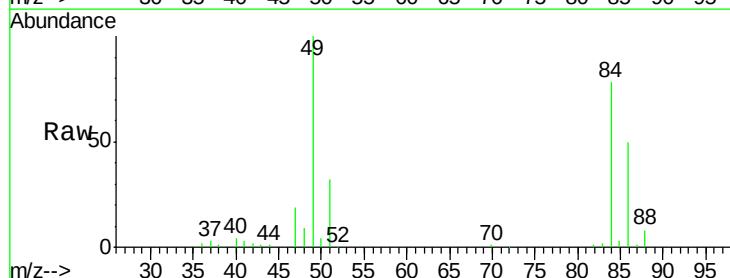
Tgt Ion: 41 Resp: 12827

Ion Ratio Lower Upper

41 100

39 0.8 48.8 73.2#

76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

5000

4000

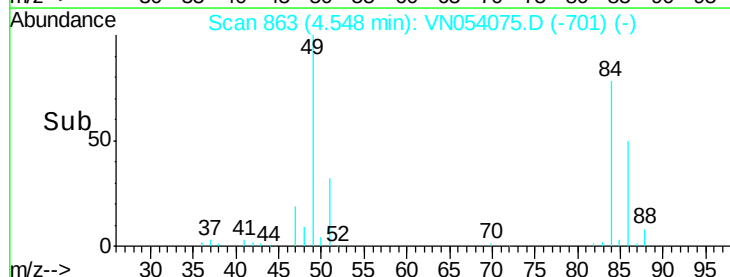
3000

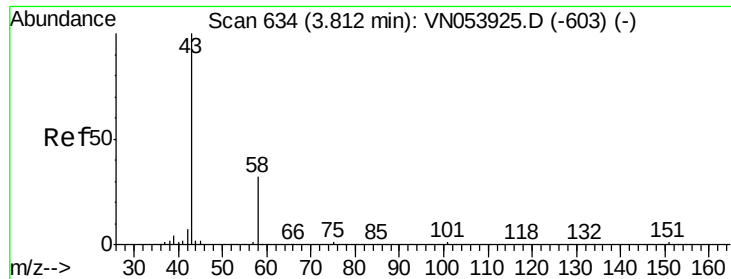
2000

1000

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: VN054075.D

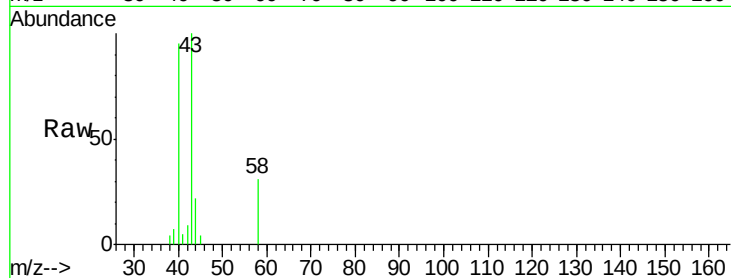
Acq: 4 Mar 2019 19:34

Tot Ion: 43 Resp: 14443

Ion Ratio Lower Upper

43 100

58 31.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-603) (-)

6000

5000

4000

3000

2000

1000

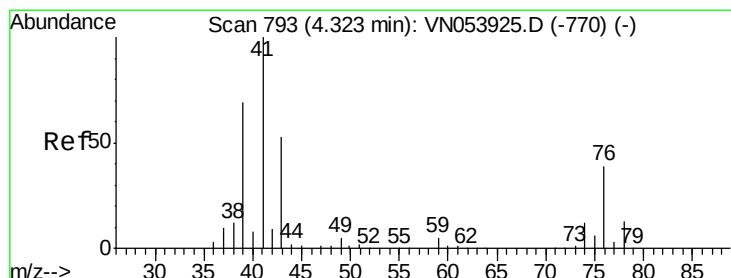
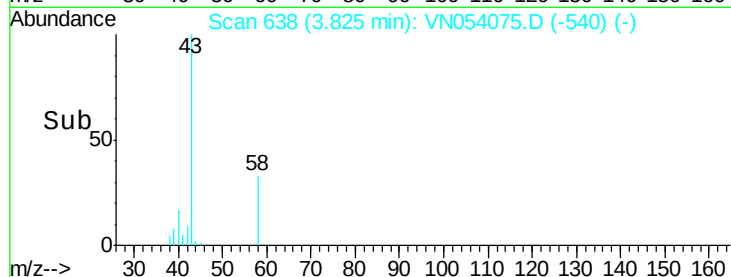
0

Time-->

3.70

3.80

3.90



#18

Methyl Acetate

Concen: 0.933 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054075.D

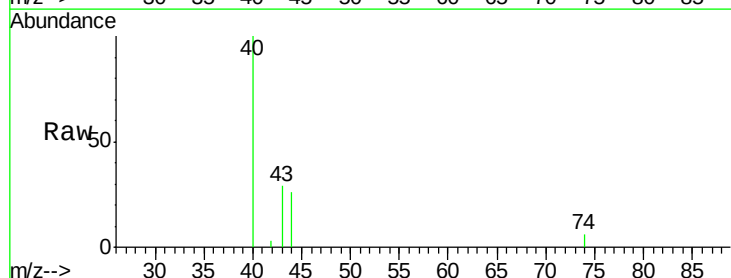
Acq: 4 Mar 2019 19:34

Tgt Ion: 43 Resp: 4654

Ion Ratio Lower Upper

43 100

74 13.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN053925.D (-770) (-)

1500

1000

500

0

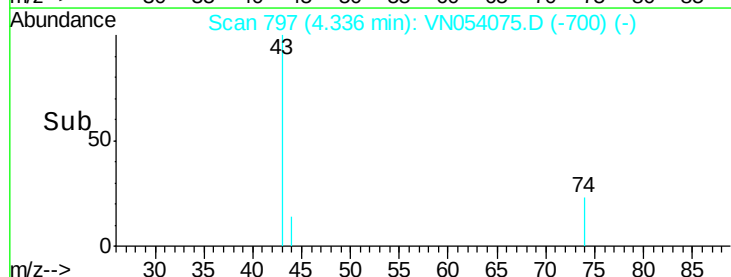
Time-->

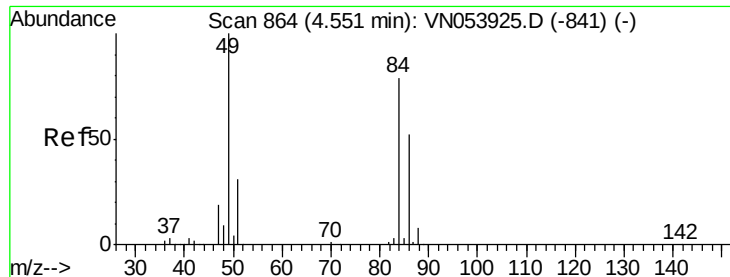
4.25

4.30

4.35

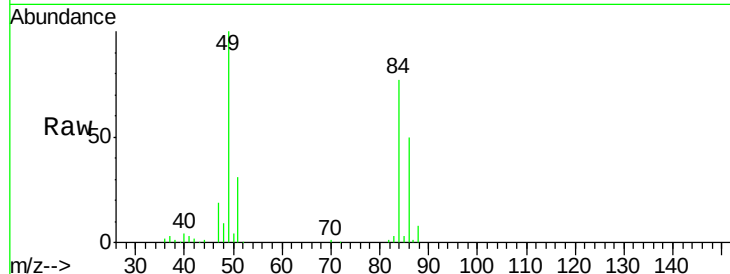
4.40



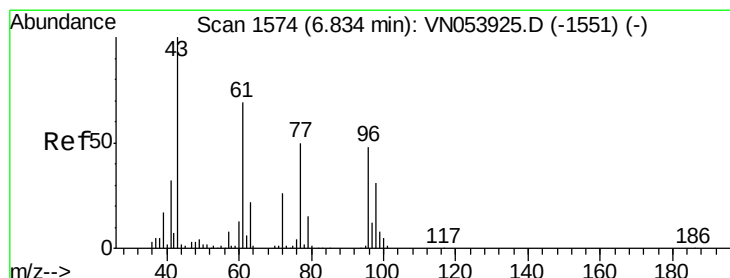
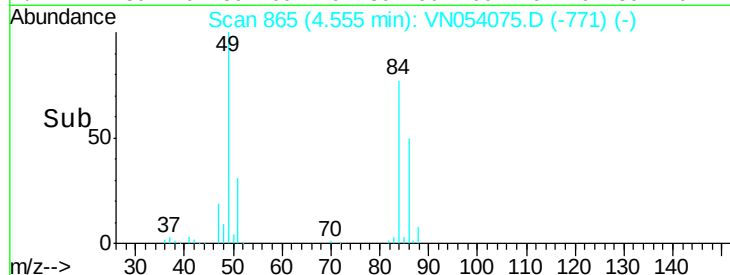
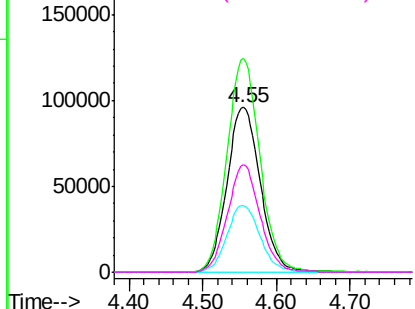


#20
Methylene Chloride
Concen: 42.864 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion: 84 Resp: 302767
Ion Ratio Lower Upper
84 100
49 129.7 89.7 134.5
51 40.3 27.8 41.8
86 65.5 51.3 76.9

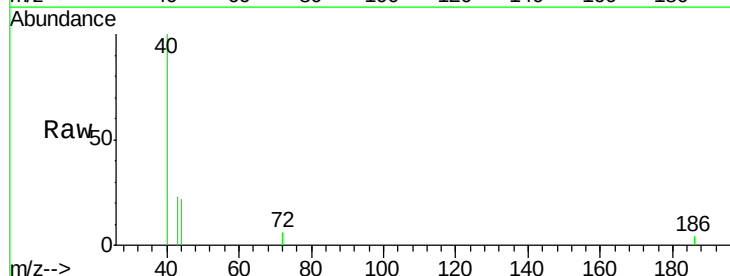


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

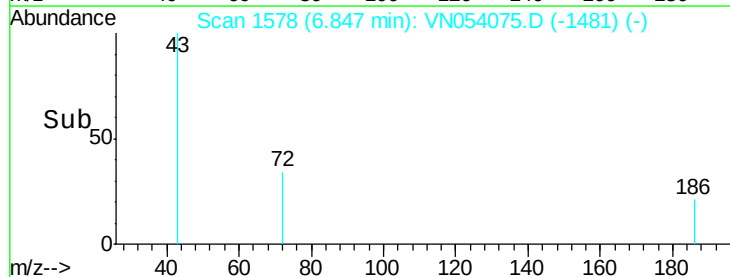
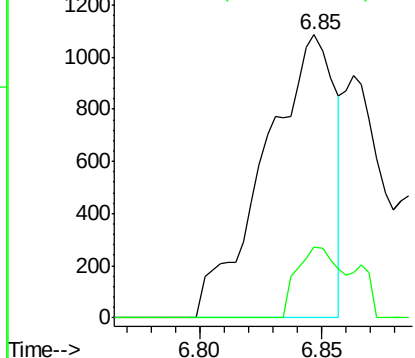


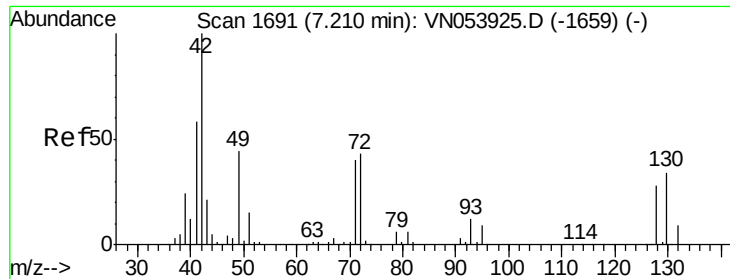
#25
2-Butanone
Concen: 0.767 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
72 25.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.691 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

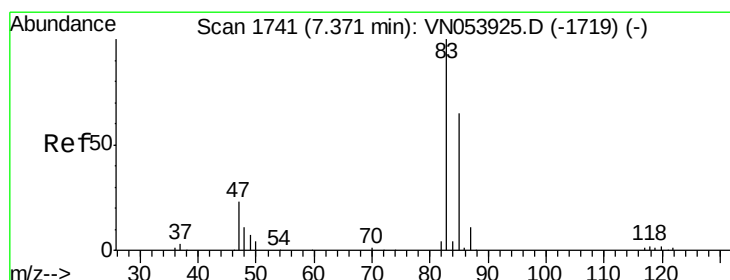
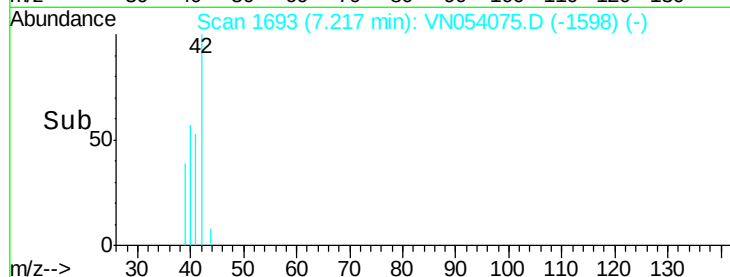
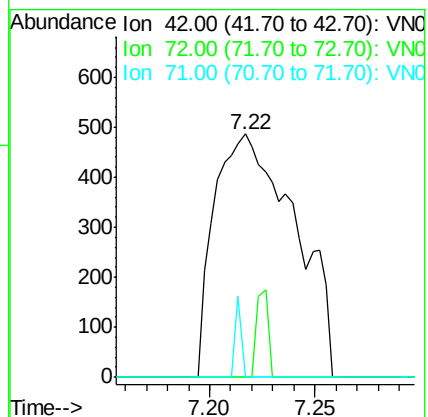
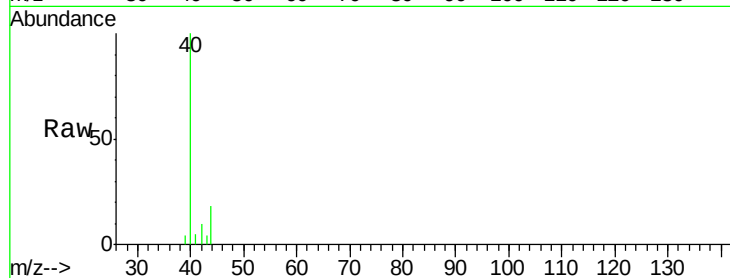
Tot Ion: 42 Resp: 1289

Ion Ratio Lower Upper

42 100

72 5.0 36.9 55.3#

71 2.4 34.6 52.0#



#30

Chloroform

Concen: 0.781 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054075.D

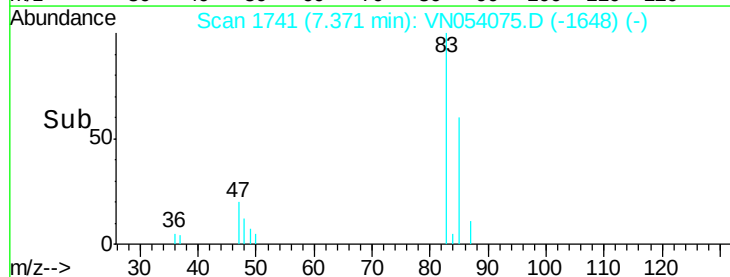
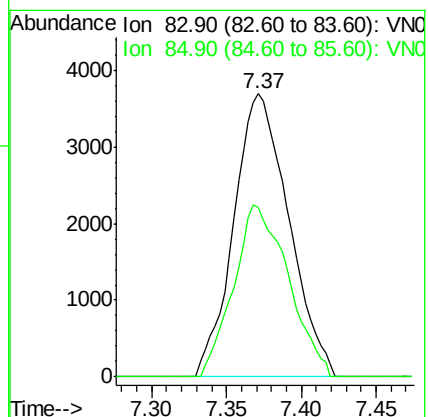
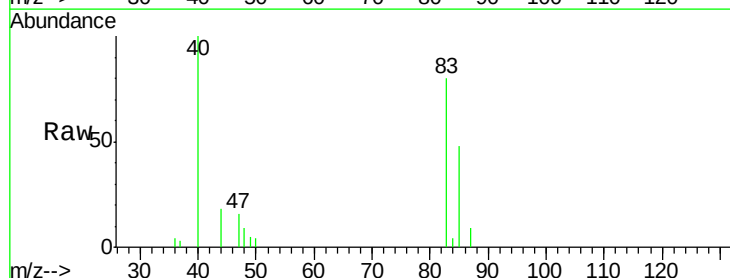
Acq: 4 Mar 2019 19:34

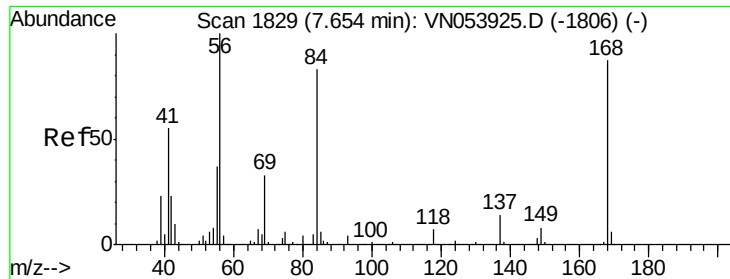
Tgt Ion: 83 Resp: 9442

Ion Ratio Lower Upper

83 100

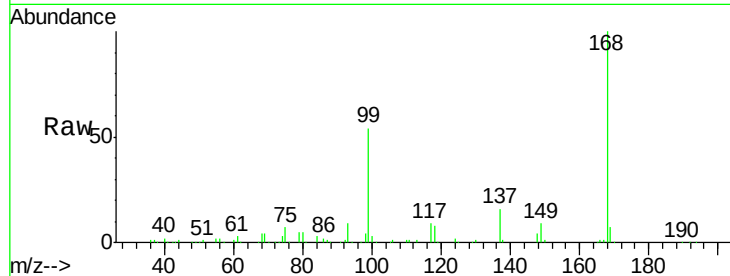
85 59.8 52.6 78.8



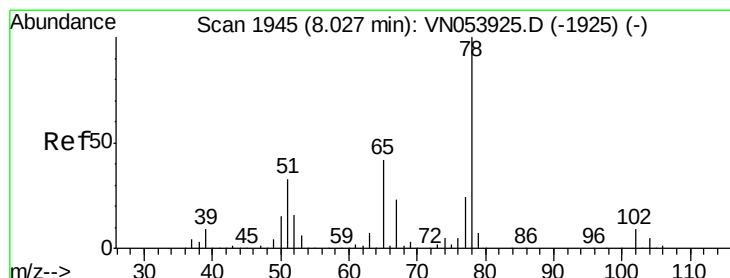
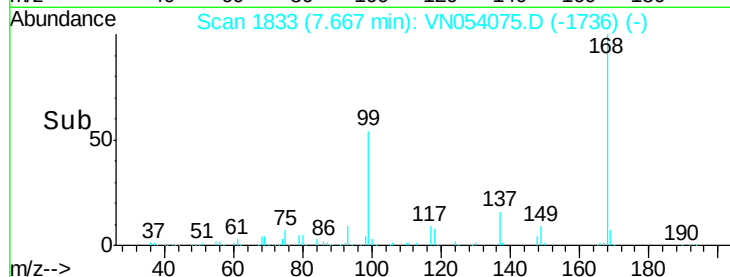
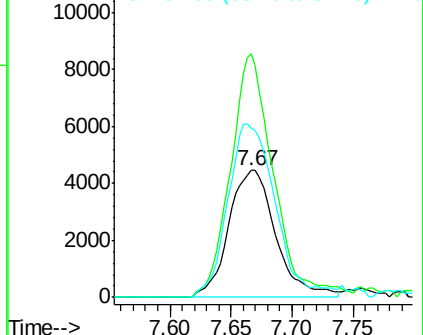


#31
Cyclohexane
Concen: 0.639 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion: 56 Resp: 11907
Ion Ratio Lower Upper
56 100
69 192.2 26.0 39.0#
84 134.2 69.1 103.7#

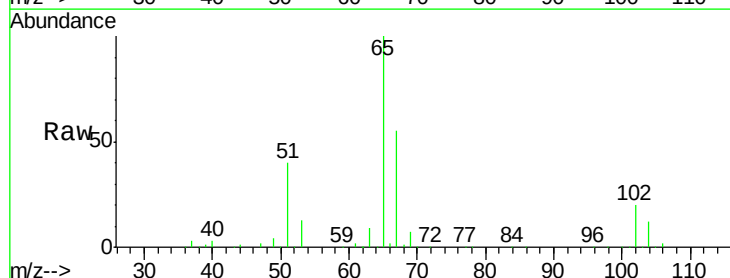


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

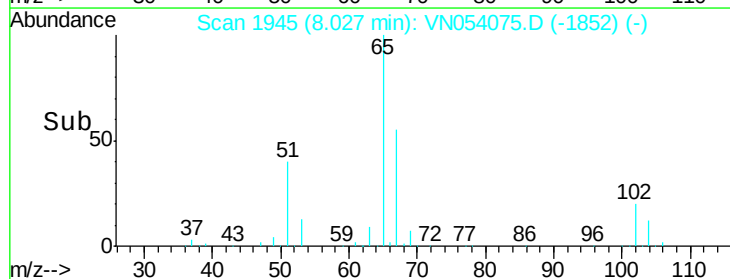
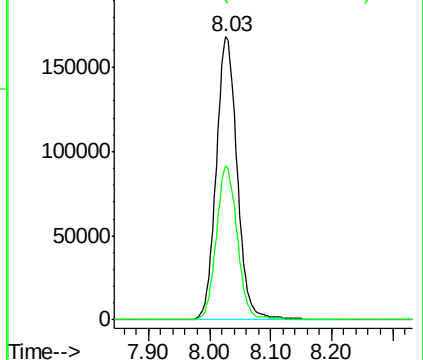


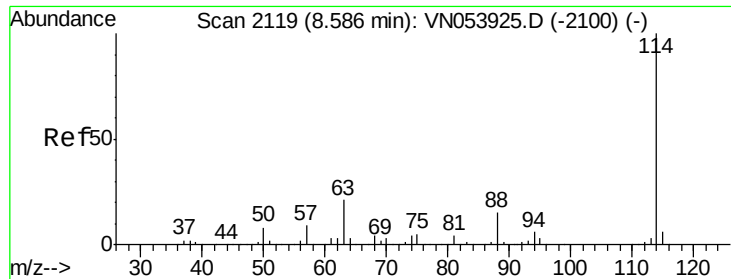
#33
1,2-Dichloroethane-d4
Concen: 56.229 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion: 65 Resp: 401287
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.8



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

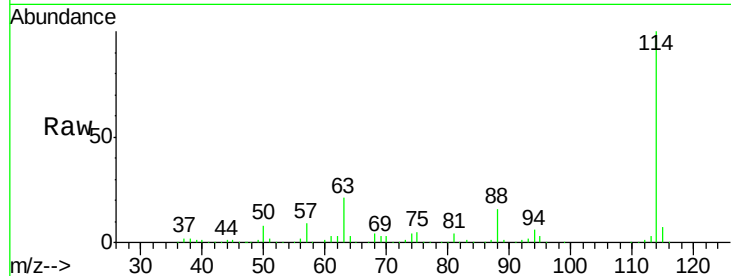




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

Tot Ion:114 Resp: 1121173

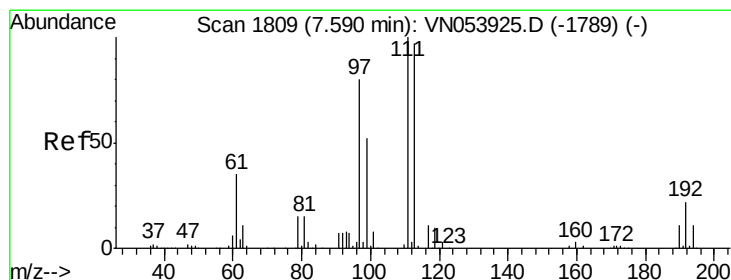
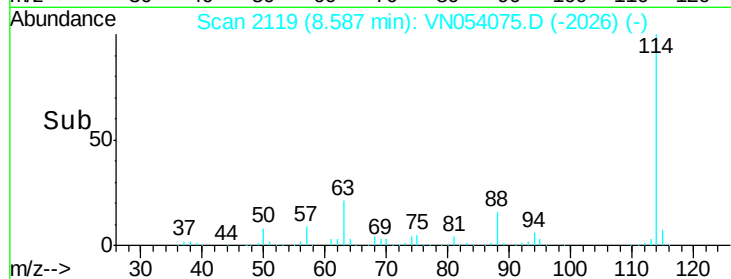
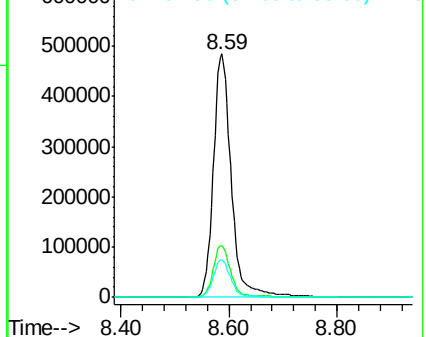
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.4
88	15.6	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

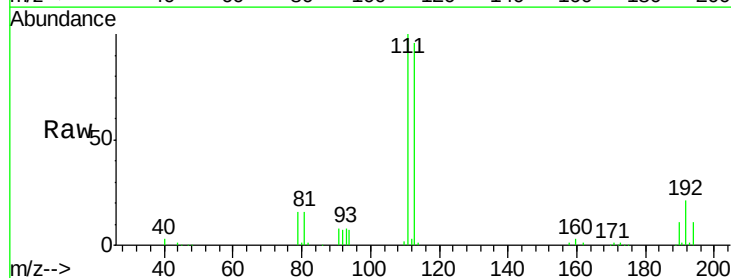
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.583 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

Tgt Ion:113 Resp: 359486

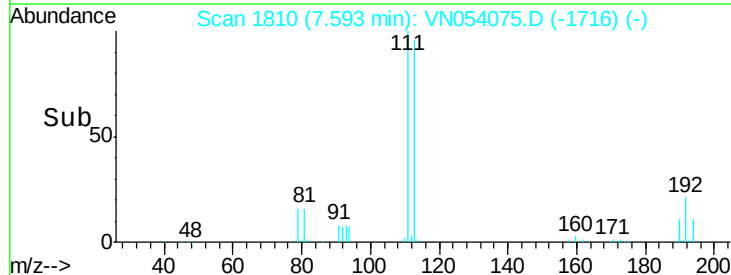
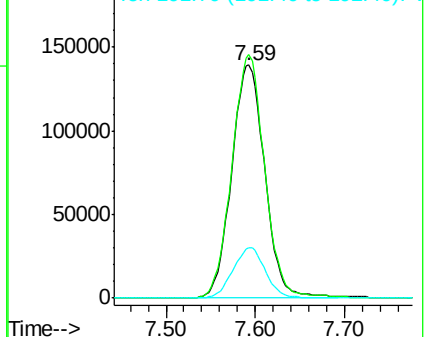
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	21.2	18.8	28.2

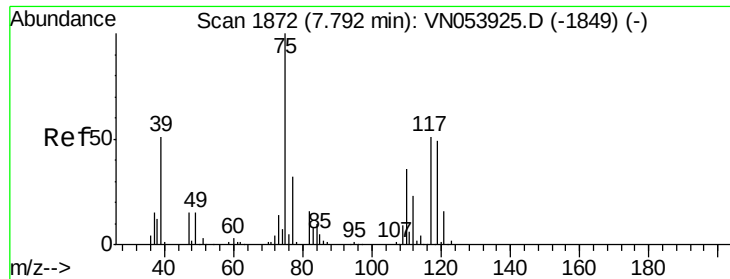


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.073 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

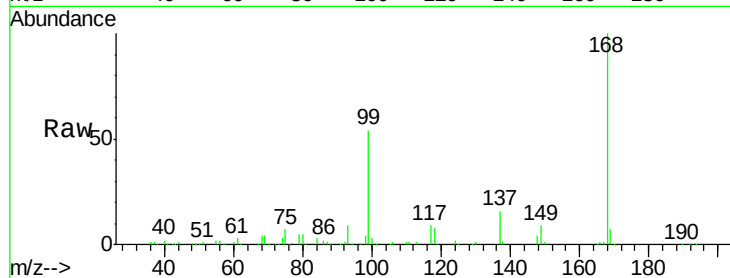
Tot Ion: 75 Resp: 42467

Ion Ratio Lower Upper

75 100

110 8.8 19.0 57.0#

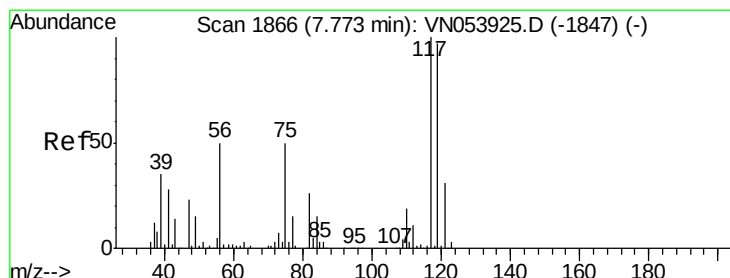
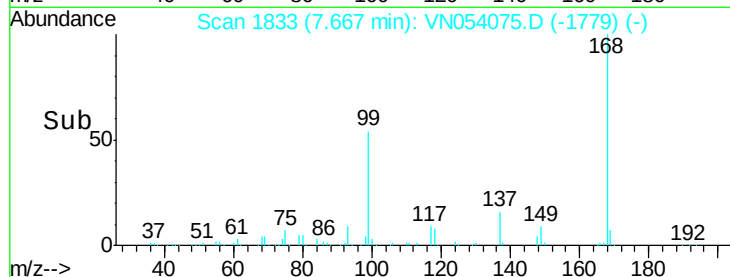
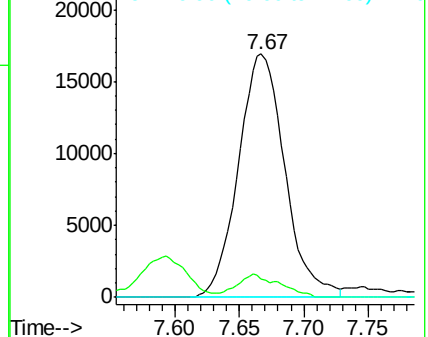
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054075.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN054075.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN054075.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 4.747 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

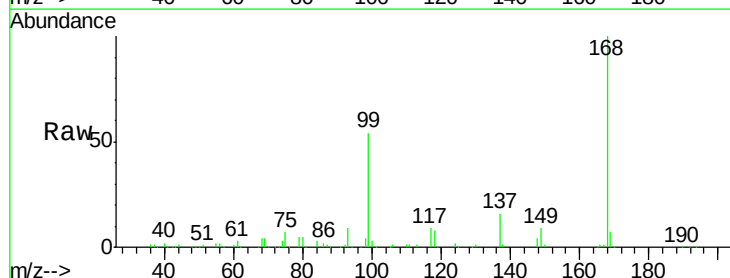
Tgt Ion: 117 Resp: 51471

Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.2#

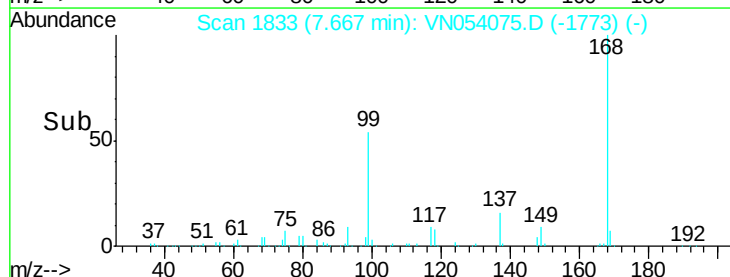
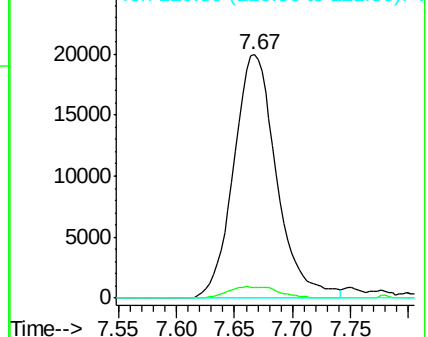
121 0.0 24.6 36.8#

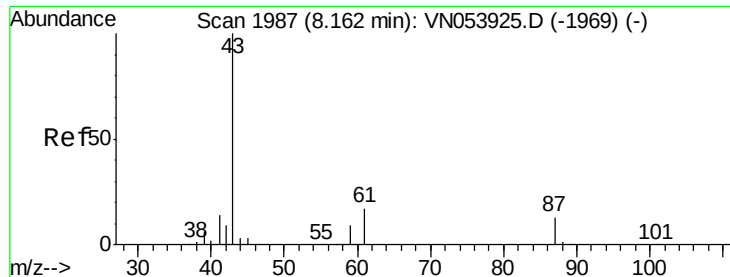


Abundance Ion 116.80 (116.50 to 117.50): VN054075.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054075.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054075.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 3.335 ug/l

RT: 8.17 min Scan# 1990

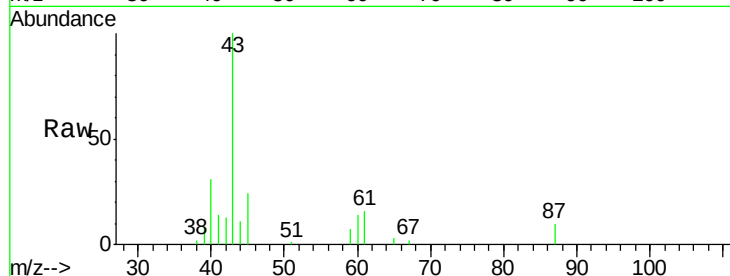
Delta R.T. 0.01 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

Tot Ion: 43 Resp: 41924

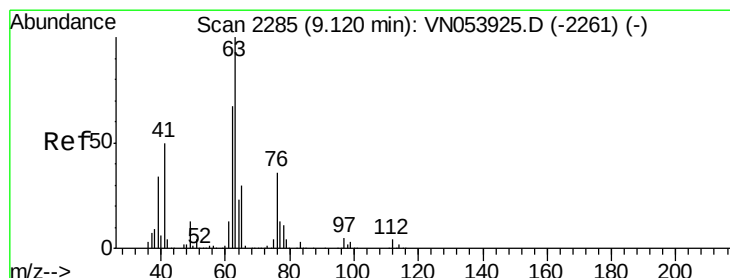
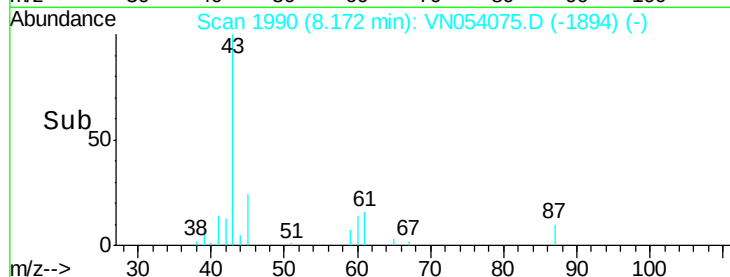
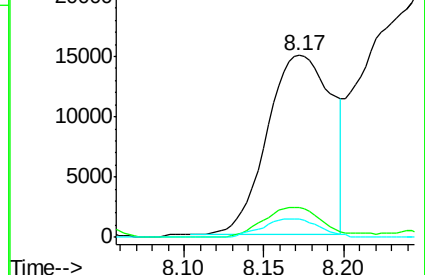
Ion	Ratio	Lower	Upper
43	100		
61	14.9	17.4	26.0#
87	9.0	11.5	17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.277 ug/l

RT: 9.27 min Scan# 2332

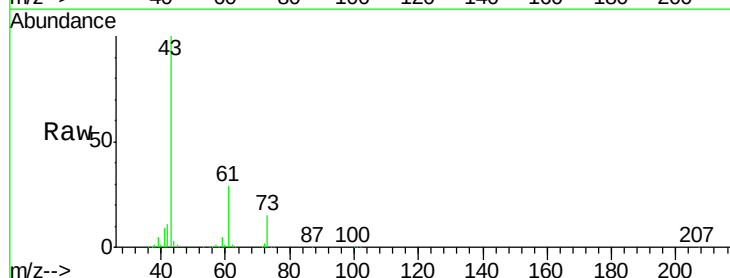
Delta R.T. 0.15 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

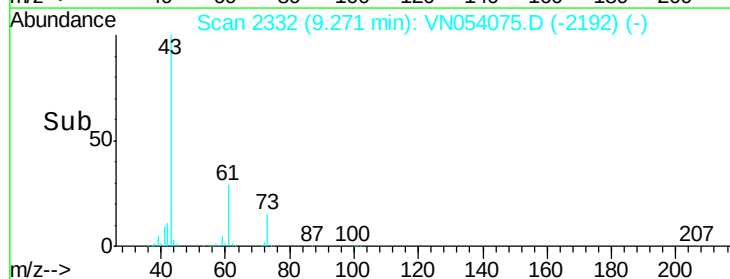
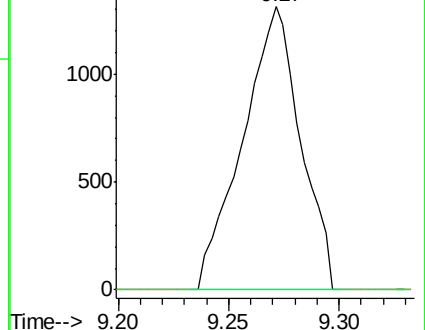
Tgt Ion: 63 Resp: 2391

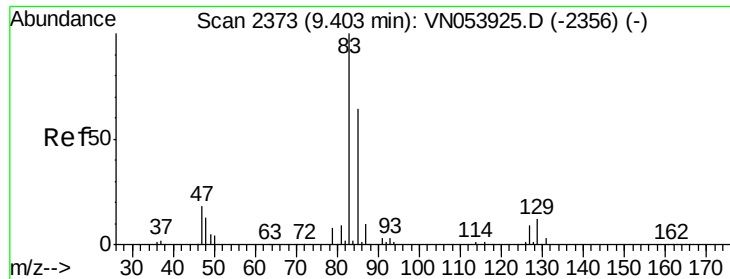
Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.249 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

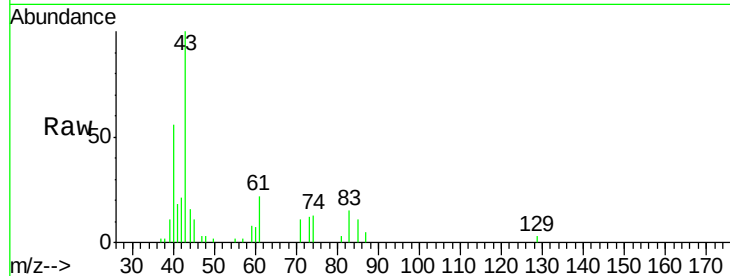
Tot Ion: 83 Resp: 2628

Ion Ratio Lower Upper

83 100

85 75.8 51.8 77.6

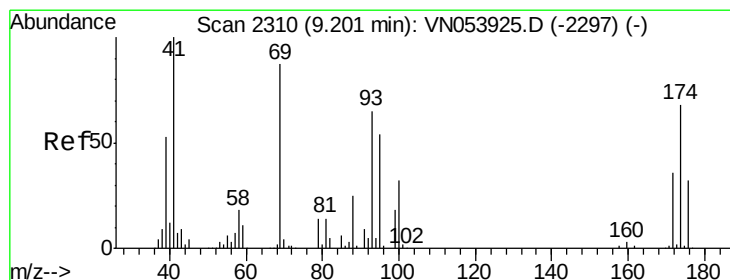
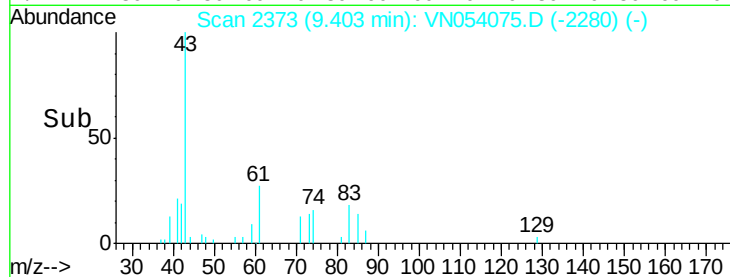
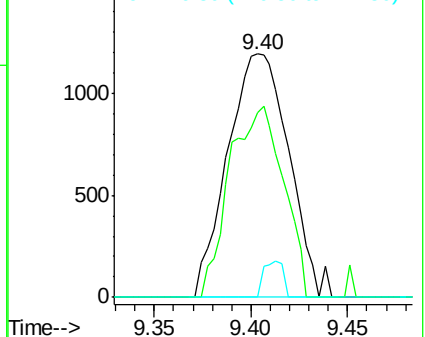
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.244 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

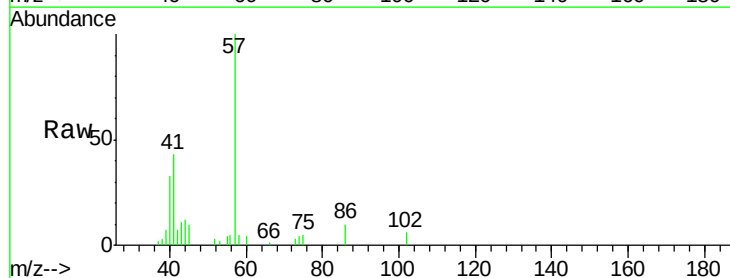
Tgt Ion: 41 Resp: 12977

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

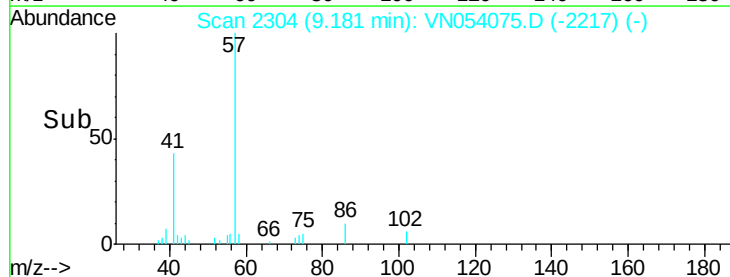
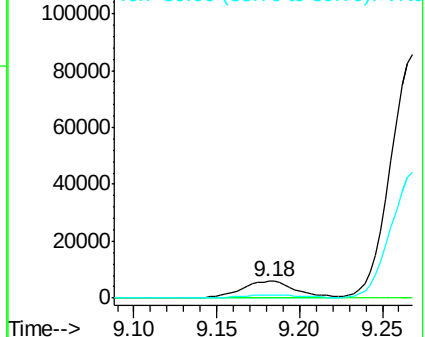
39 22.0 39.0 58.6#

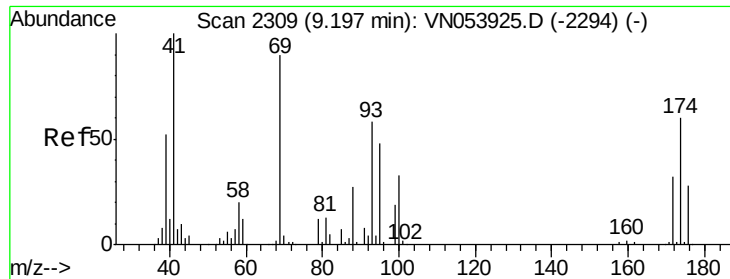


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 2.107 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

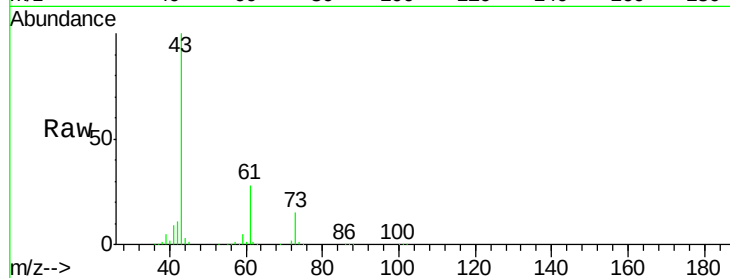
Tot Ion: 88 Resp: 165

Ion Ratio Lower Upper

88 100

43 1162364.2 21.2 31.8#

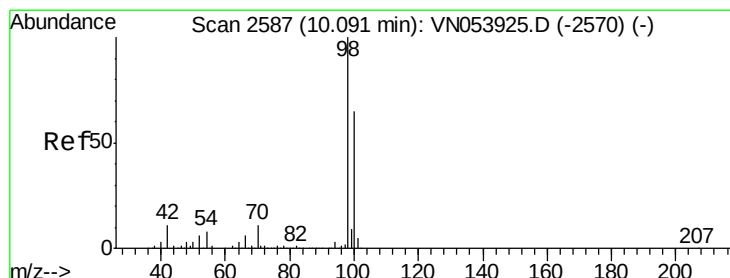
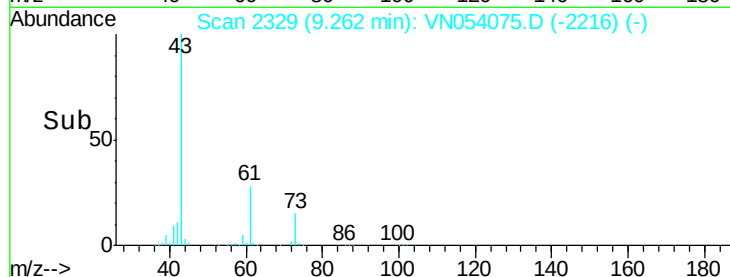
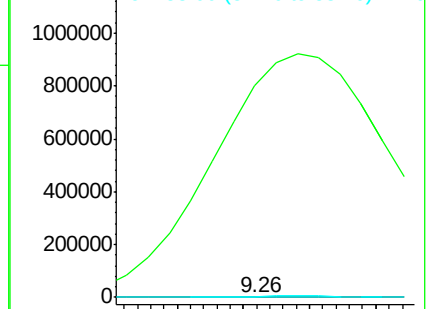
58 5715.8 54.2 81.2#



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: 53.157 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054075.D

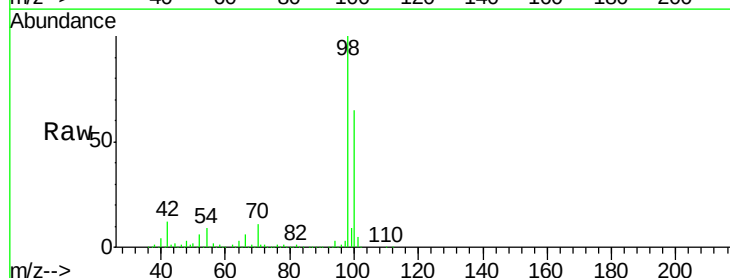
Acq: 4 Mar 2019 19:34

Tgt Ion: 98 Resp: 1434671

Ion Ratio Lower Upper

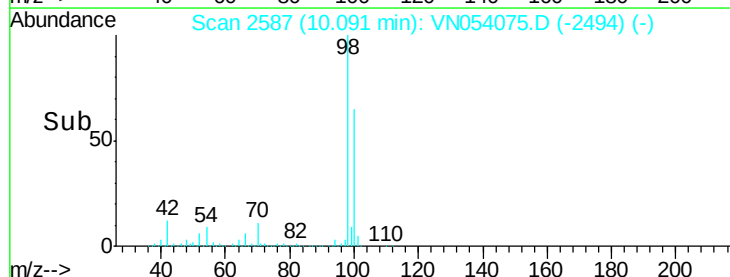
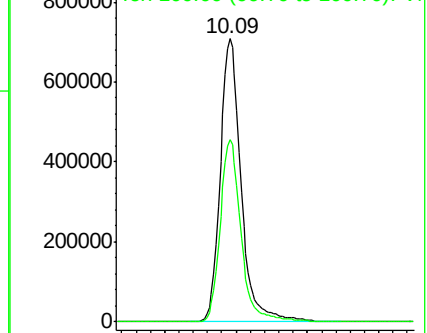
98 100

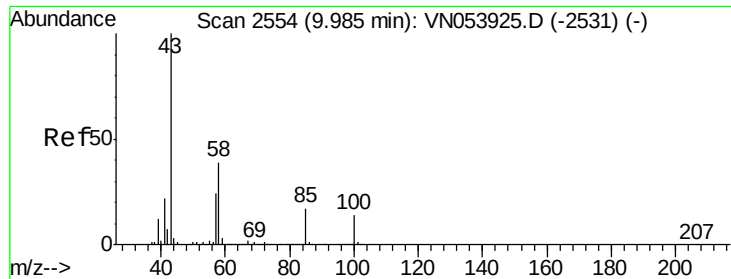
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

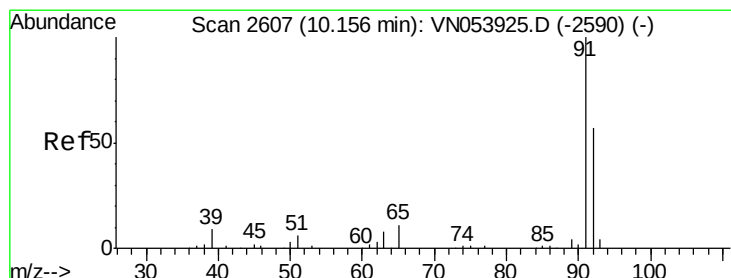
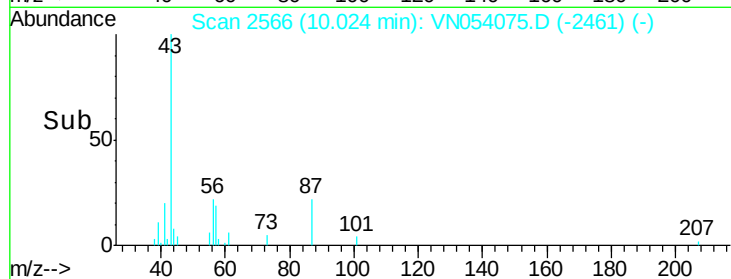
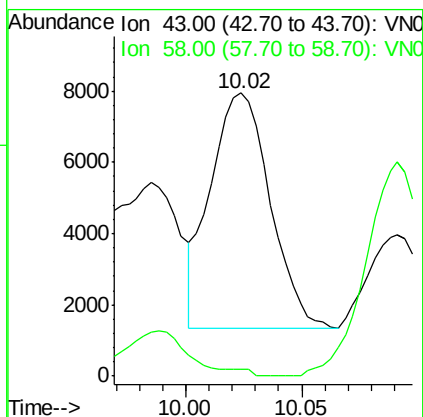
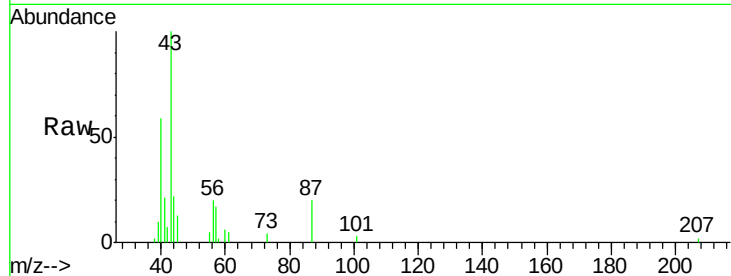
Ion 100.00 (99.70 to 100.70): VN0





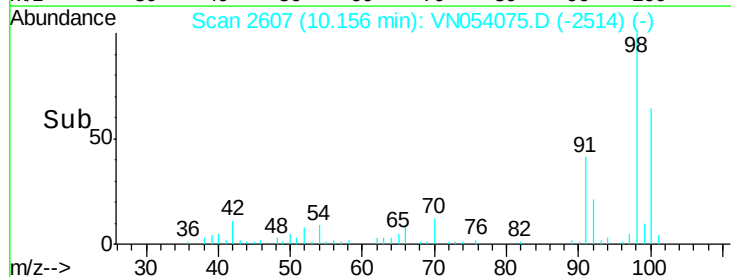
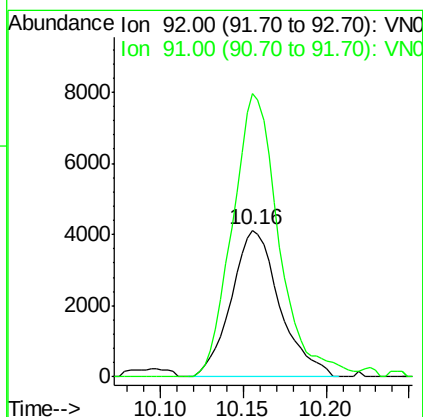
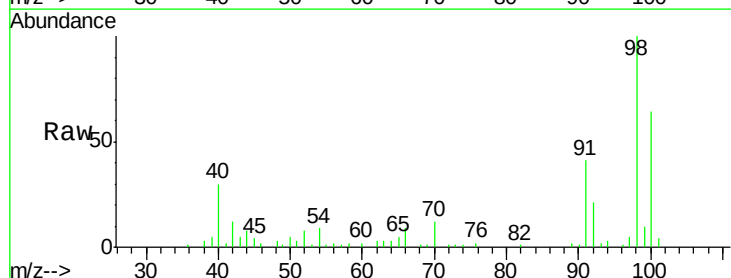
#51
4-Methyl-2-Pentanone
Concen: 1.820 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

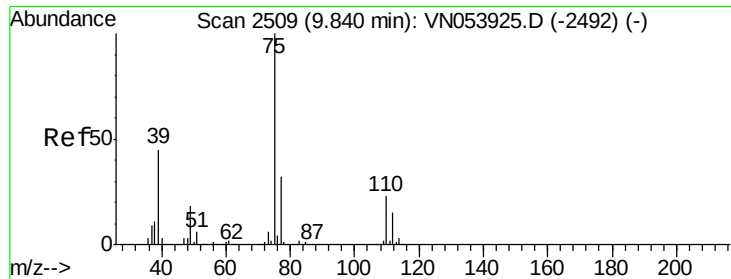
Tot Ion: 43 Resp: 11755
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#



#52
Toluene
Concen: 0.445 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion: 92 Resp: 8389
Ion Ratio Lower Upper
92 100
91 184.9 138.4 207.6





#54

cis-1,3-Dichloropropene

Concen: 6.595 ug/l

RT: 9.90 min Scan# 2529

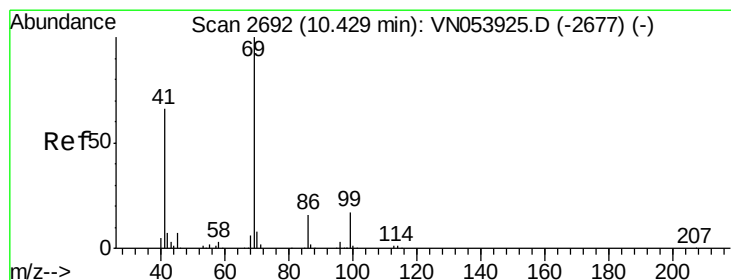
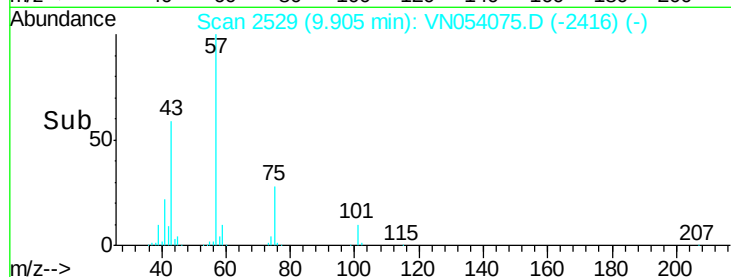
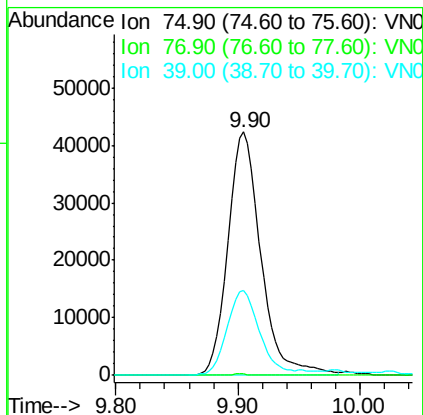
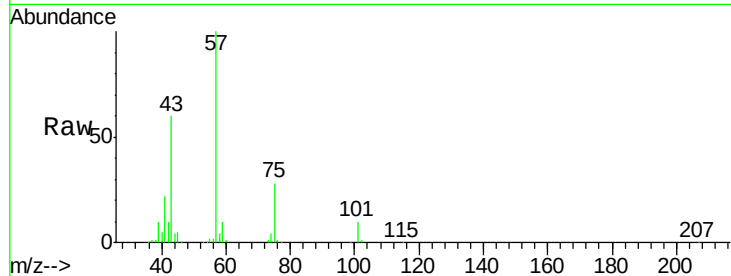
Delta R.T. 0.06 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

Tot Ion: 75 Resp: 79986

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	34.8	31.4	47.0



#56

Ethyl methacrylate

Concen: 2.130 ug/l

RT: 10.54 min Scan# 2727

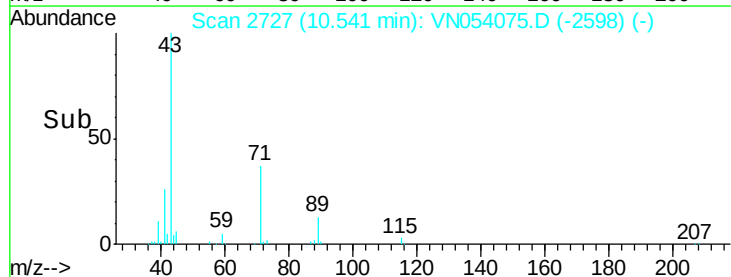
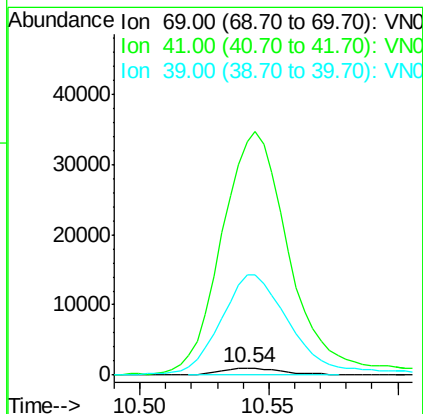
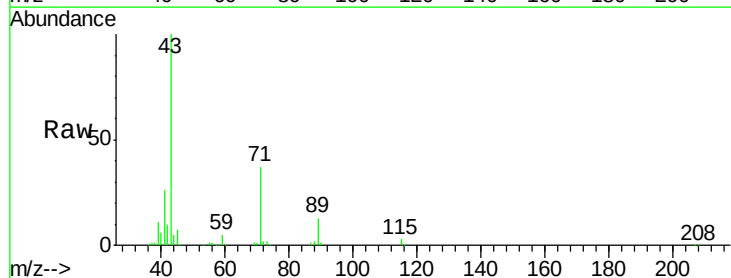
Delta R.T. 0.11 min

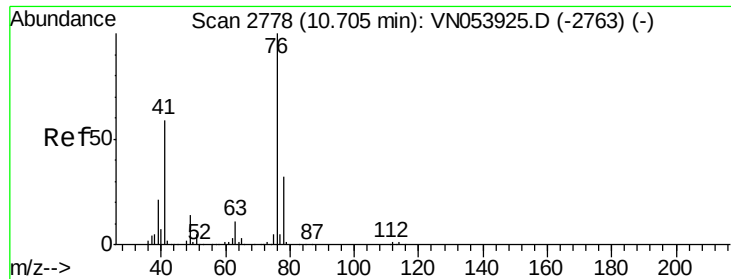
Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

Tgt Ion: 69 Resp: 1682

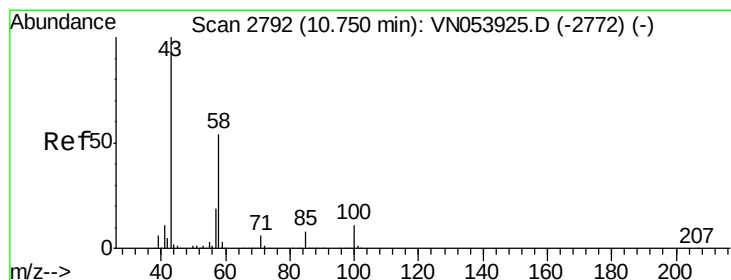
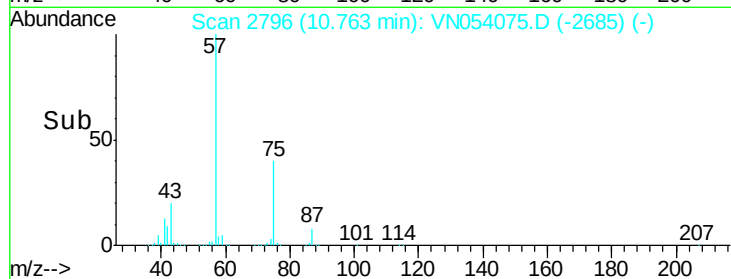
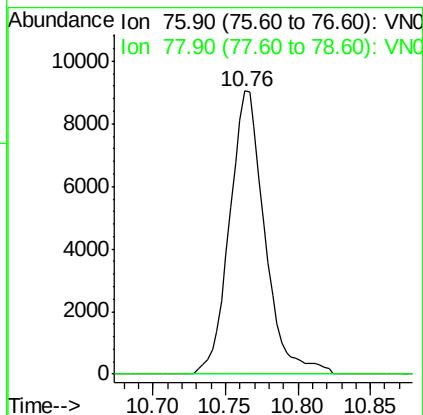
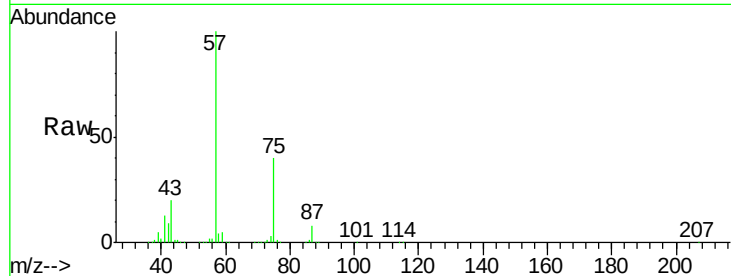
Ion	Ratio	Lower	Upper
69	100		
41	3818.8	47.5	71.3#
39	1614.0	23.4	35.0#





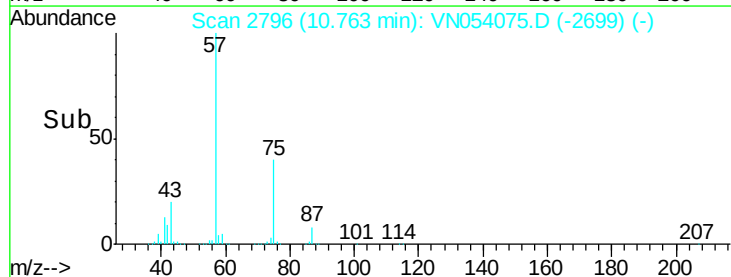
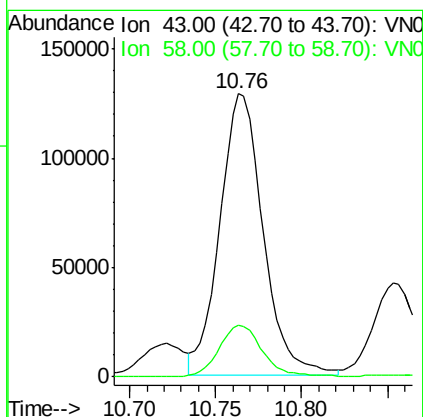
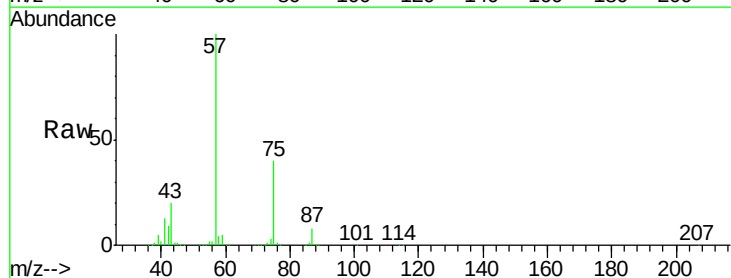
#57
 1,3-Dichloropropane
 Concen: 1.280 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

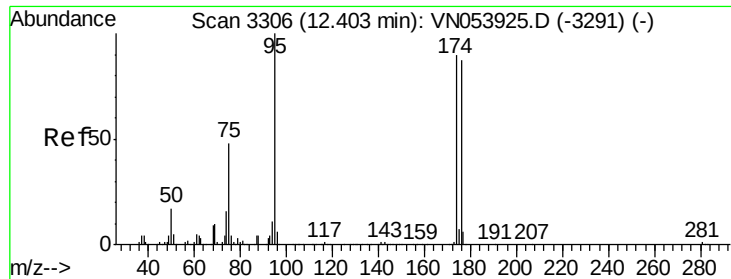
Tot Ion: 76 Resp: 15232
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 54.011 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

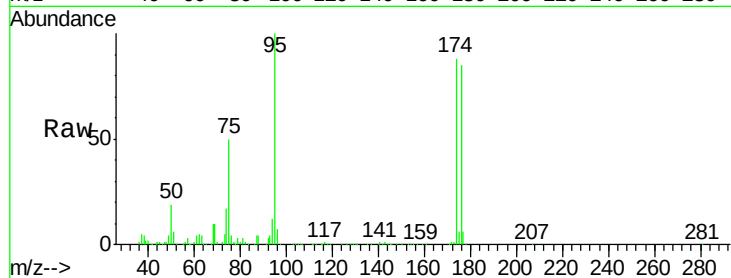
Tgt Ion: 43 Resp: 226906
 Ion Ratio Lower Upper
 43 100
 58 18.6 29.1 87.4#



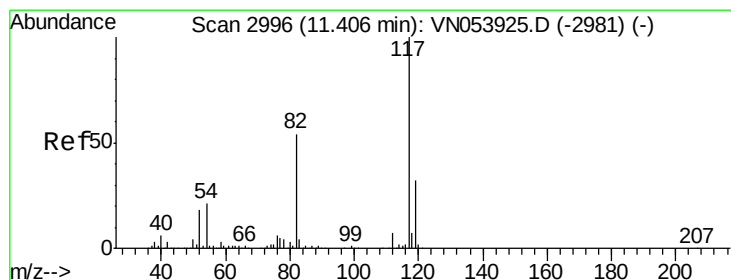
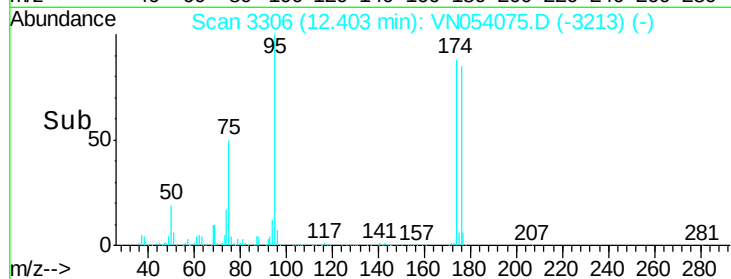
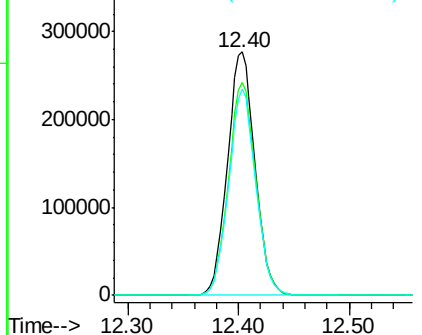


#62
4-Bromofluorobenzene
Concen: 53.236 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion: 95 Resp: 478697
Ion Ratio Lower Upper
95 100
174 87.4 0.0 188.8
176 83.5 0.0 182.6

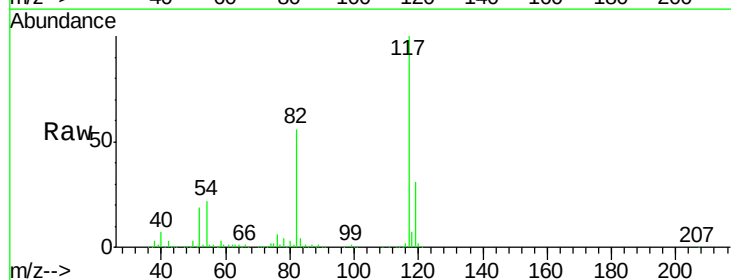


Abundance Ion 94.90 (94.60 to 95.60): VN054075.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN054075.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN054075.D (-3291) (-)

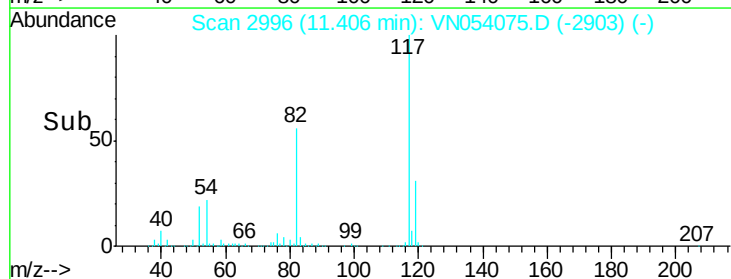
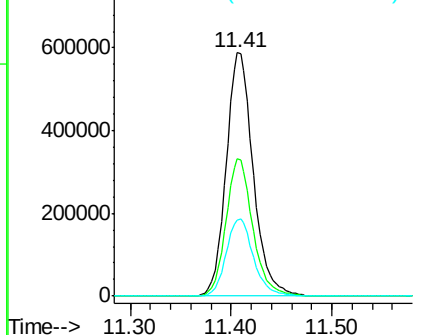


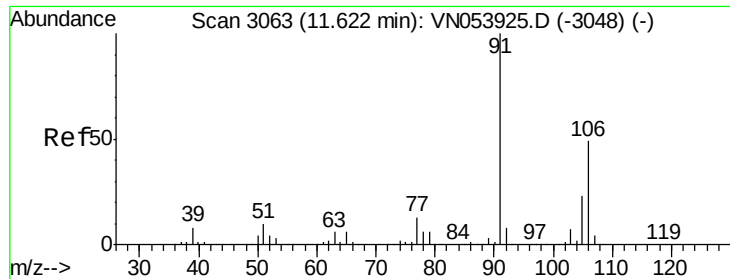
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion: 117 Resp: 1099792
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.2
119 31.4 25.3 37.9



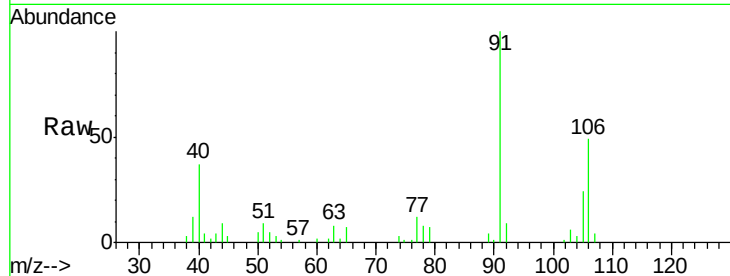
Abundance Ion 116.90 (116.60 to 117.60): VN054075.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN054075.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN054075.D (-2981) (-)



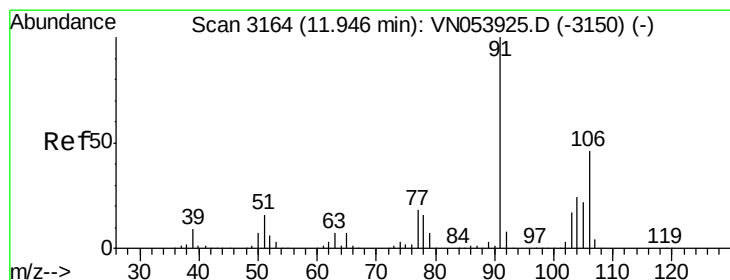
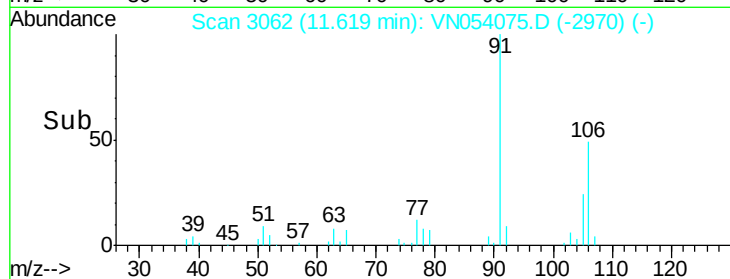
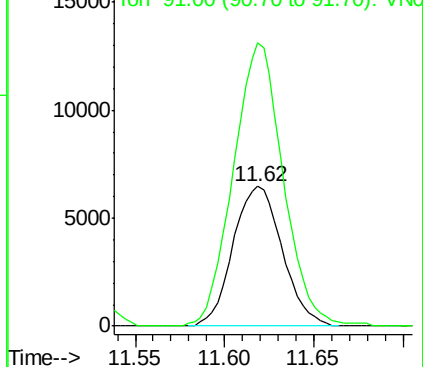


#68
m/p-Xylenes
Concen: 0.847 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion:106 Resp: 12441
Ion Ratio Lower Upper
106 100
91 205.5 158.9 238.3

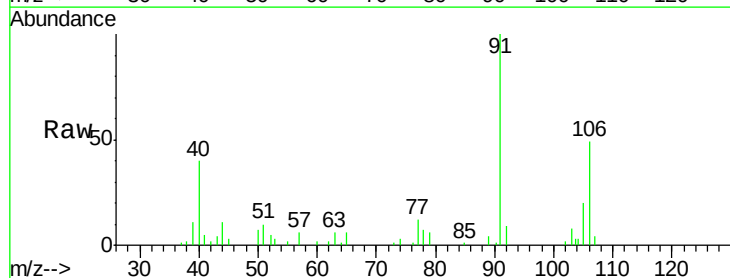


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

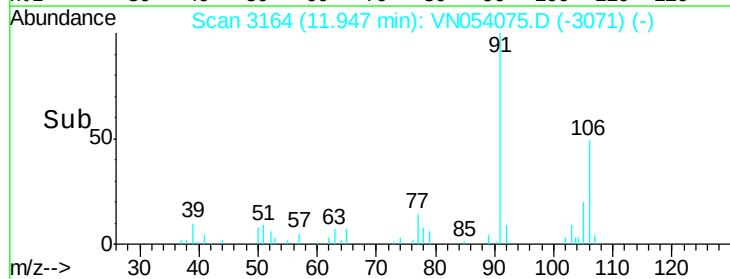
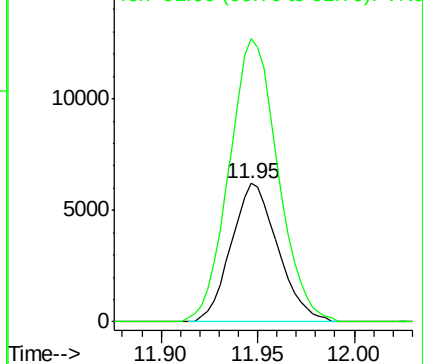


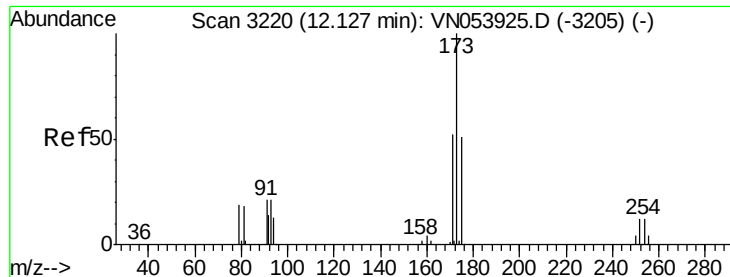
#69
o-Xylene
Concen: 0.721 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion:106 Resp: 10409
Ion Ratio Lower Upper
106 100
91 213.9 106.0 318.0



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





#71

Bromoform

Concen: 0.586 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

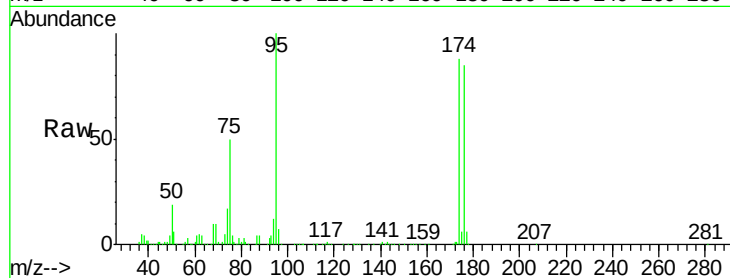
Tot Ion:173 Resp: 3409

Ion Ratio Lower Upper

173 100

175 760.6 24.3 72.8#

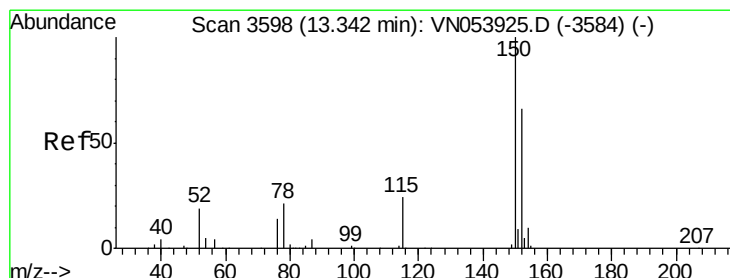
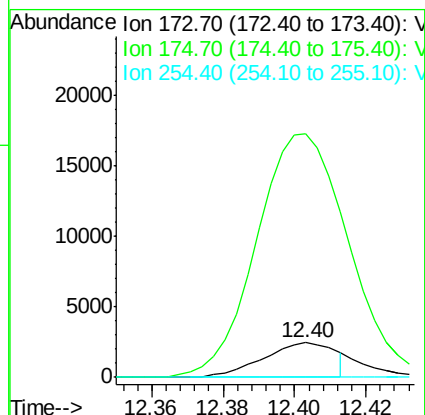
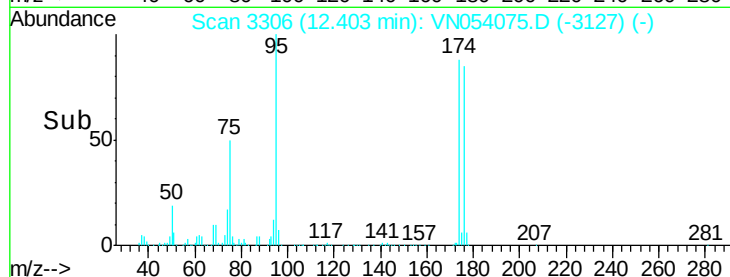
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

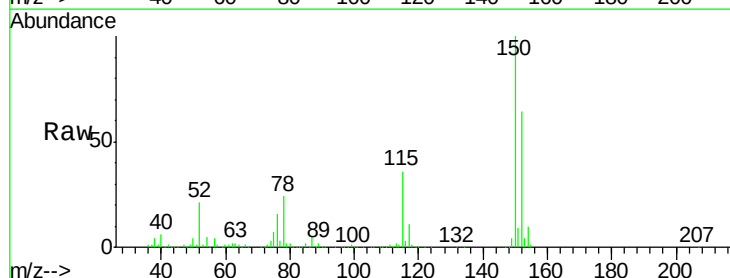
Tgt Ion:152 Resp: 413520

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

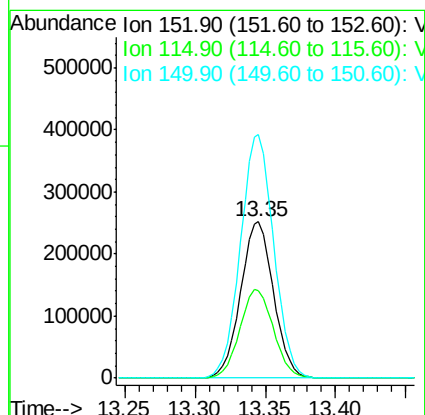
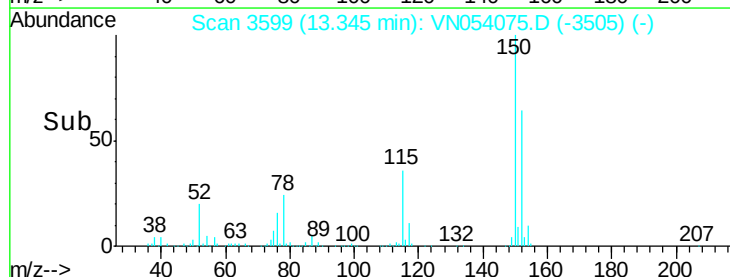
150 157.1 0.0 348.2

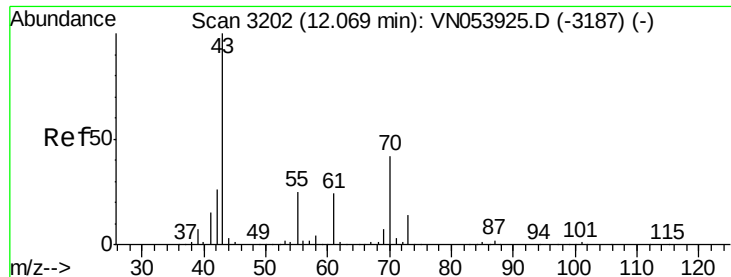


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.634 ug/l

RT: 11.88 min Scan# 3143

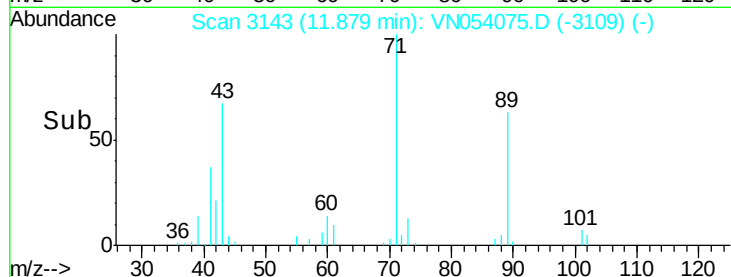
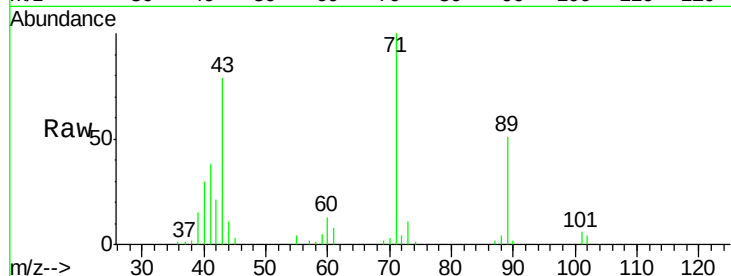
Delta R.T. -0.19 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

Tot Ion: 43 Resp: 22226

Ion	Ratio	Lower	Upper
43	100		
70	3.0	37.4	56.2#
55	5.4	21.4	32.0#
61	10.5	20.9	31.3#

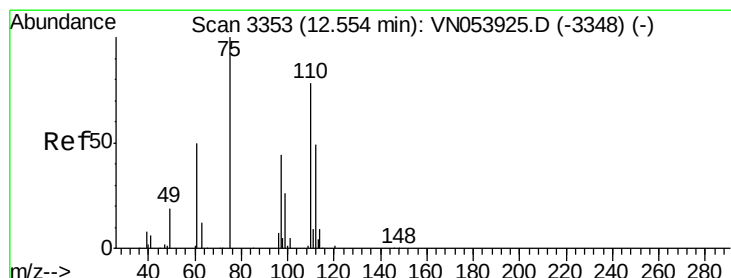
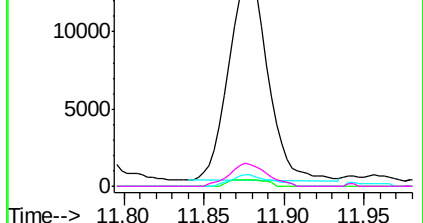


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 36.163 ug/l

RT: 12.40 min Scan# 3306

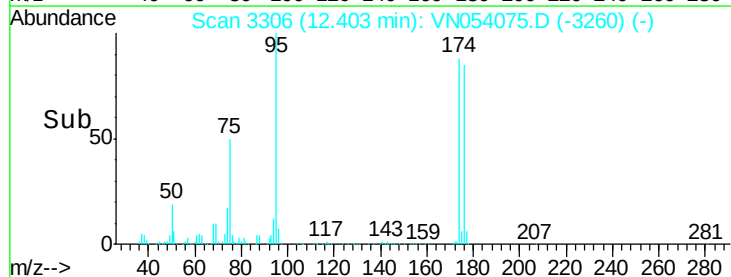
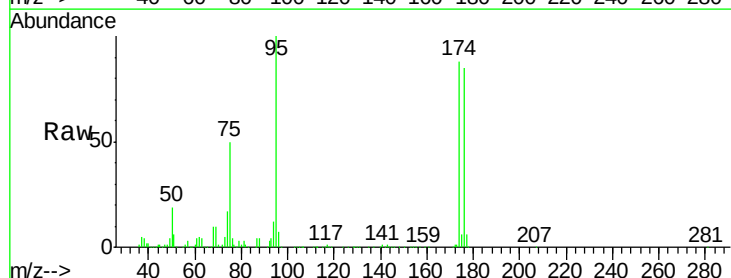
Delta R.T. -0.15 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

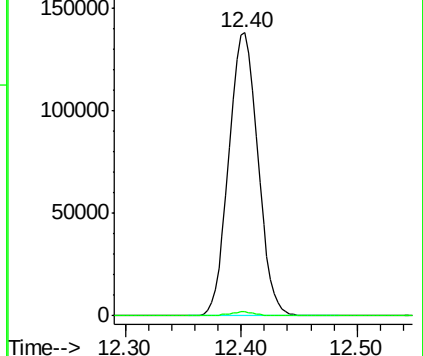
Tgt Ion: 75 Resp: 239889

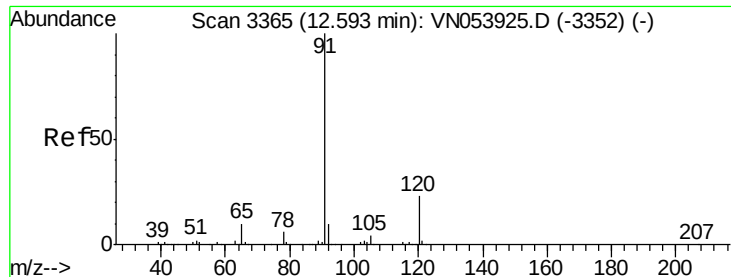
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.277 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054075.D

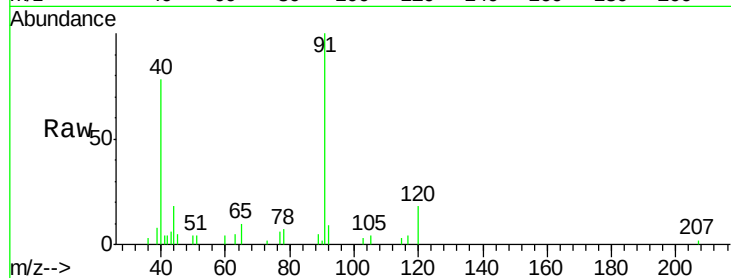
Acq: 4 Mar 2019 19:34

Tot Ion: 91 Resp: 10135

Ion Ratio Lower Upper

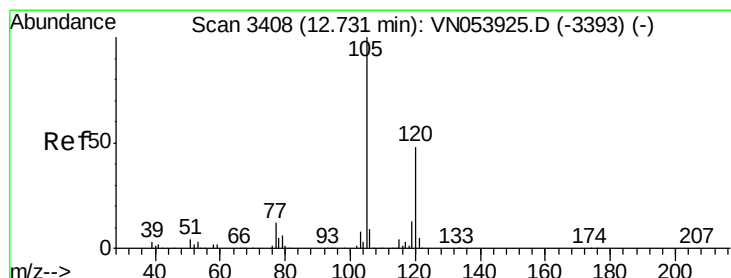
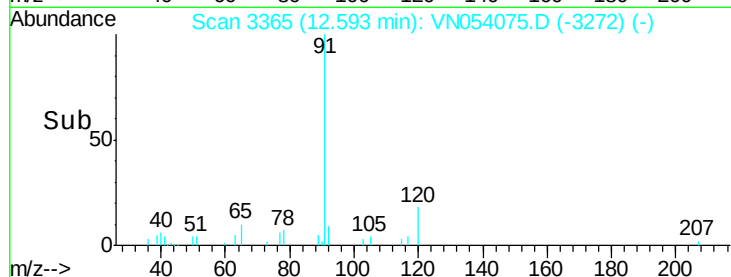
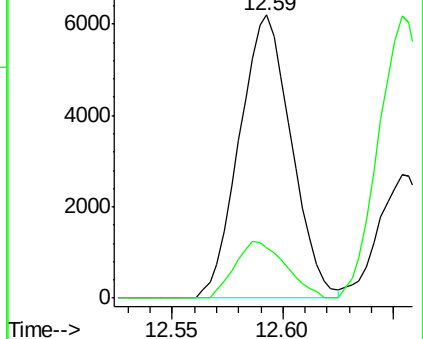
91 100

120 19.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN054075.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN054075.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.007 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054075.D

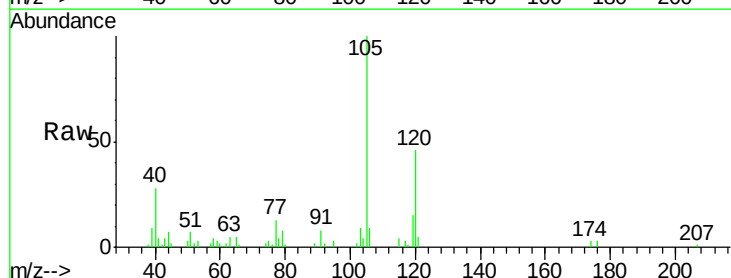
Acq: 4 Mar 2019 19:34

Tgt Ion: 105 Resp: 26542

Ion Ratio Lower Upper

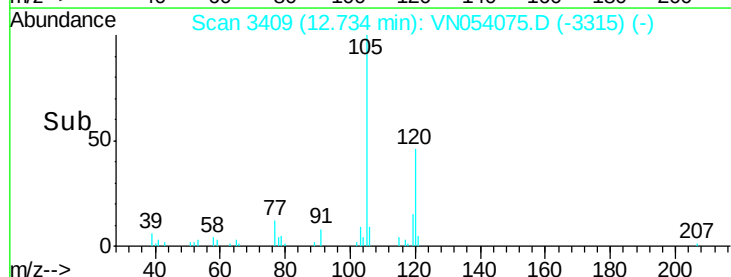
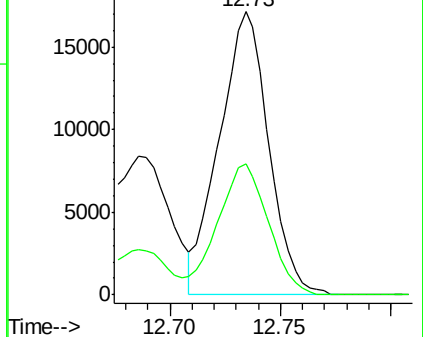
105 100

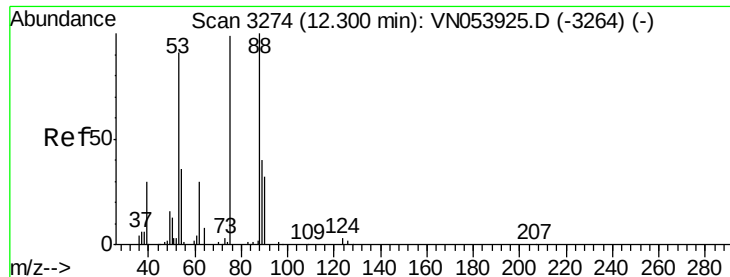
120 47.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN054075.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054075.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 114.297 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

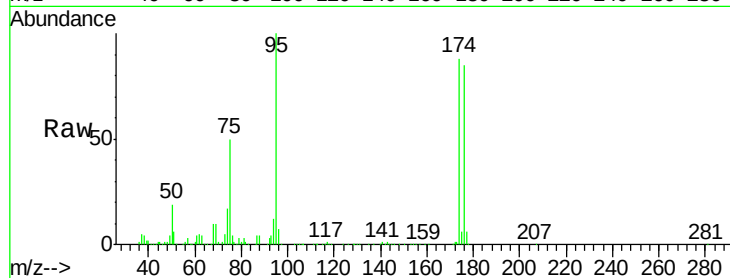
Tot Ion: 75 Resp: 239889

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

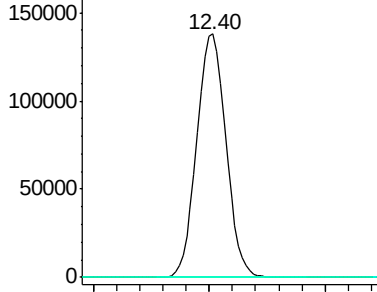
89 0.0 35.3 52.9#



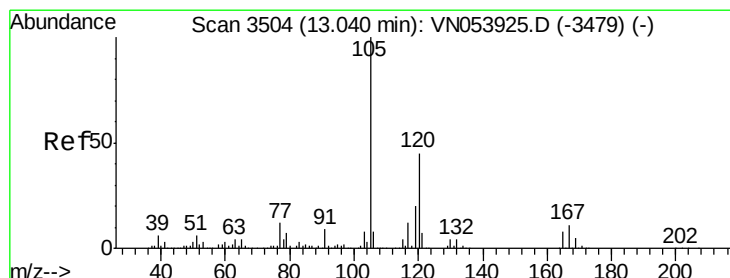
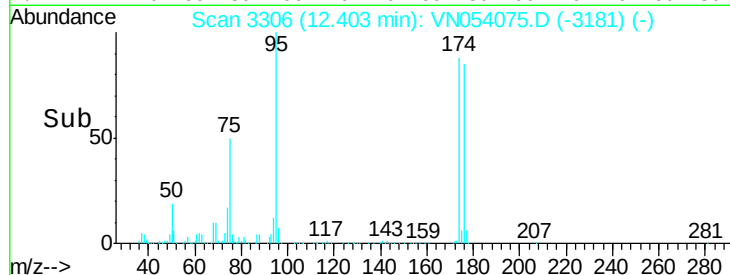
Abundance Ion 74.90 (74.60 to 75.60): VN054075.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN054075.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN054075.D (-3306) (-)



Time--> 12.30 12.40 12.50



#84

1,2,4-Trimethylbenzene

Concen: 3.342 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054075.D

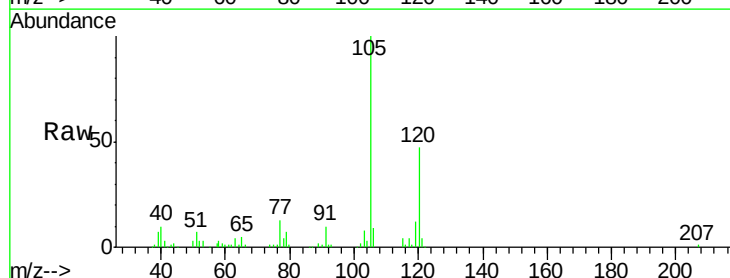
Acq: 4 Mar 2019 19:34

Tgt Ion: 105 Resp: 87937

Ion Ratio Lower Upper

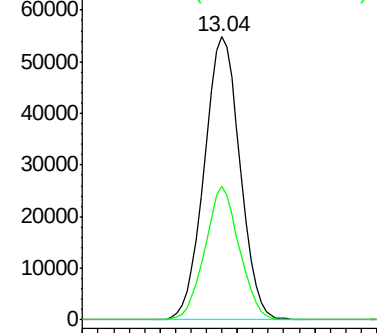
105 100

120 45.2 23.2 69.5

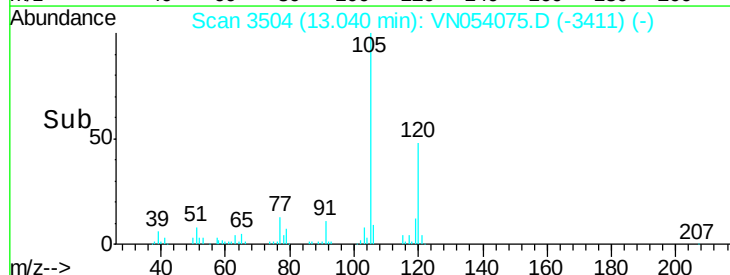


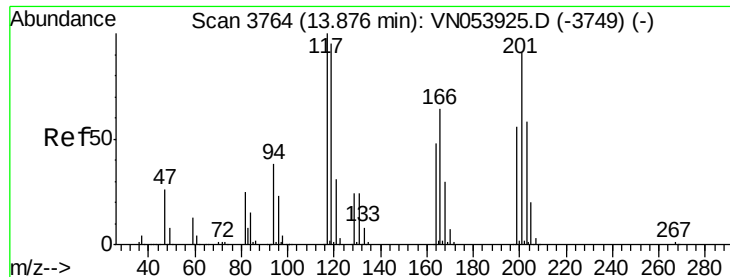
Abundance Ion 105.00 (104.70 to 105.70): VN054075.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN054075.D (-3504) (-)



Time--> 12.95 13.00 13.05 13.10





#90

Hexachloroethane

Concen: 0.329 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN054075.D

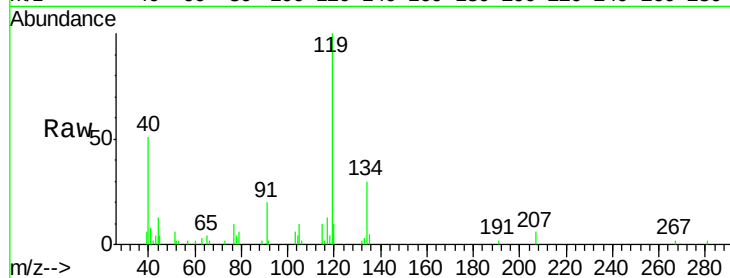
Acq: 4 Mar 2019 19:34

Tot Ion:117 Resp: 1717

Ion Ratio Lower Upper

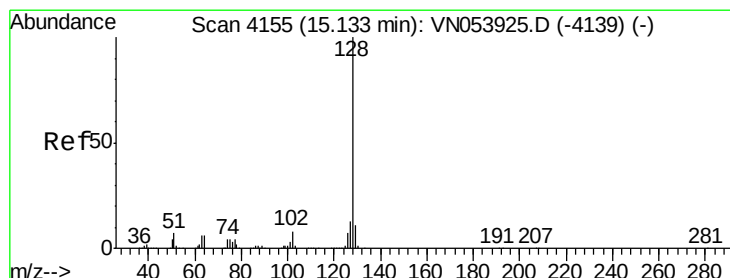
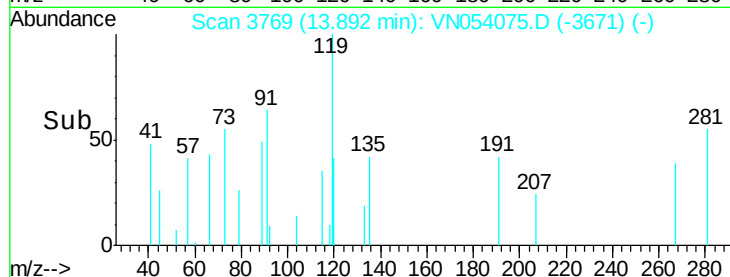
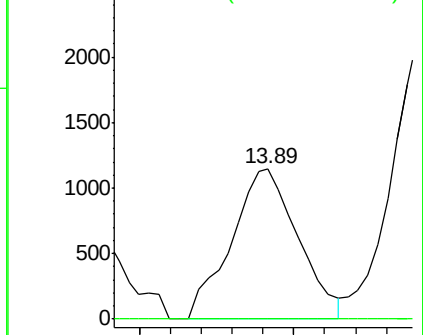
117 100

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



#95

Naphthalene

Concen: 4.017 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

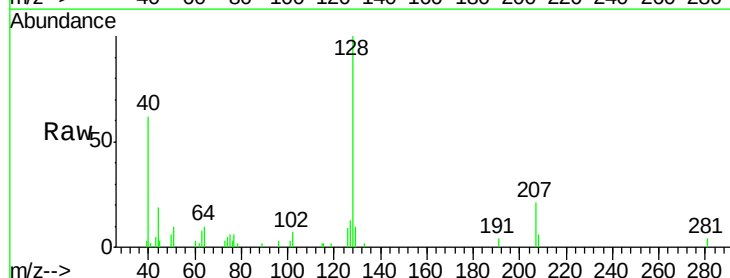
Tgt Ion:128 Resp: 14086

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

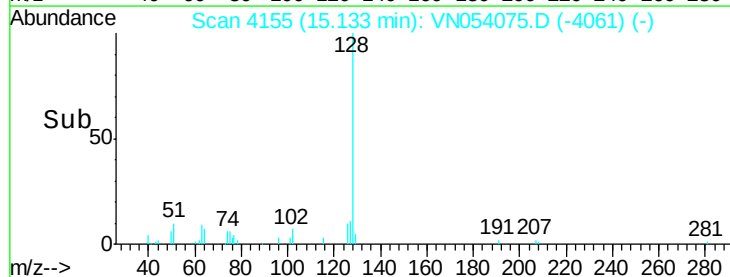
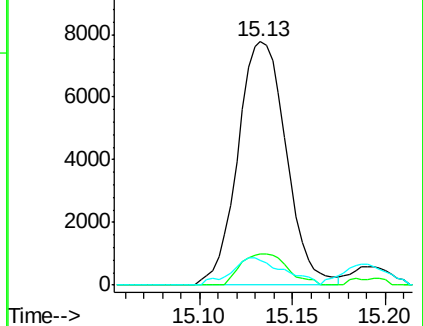
129 12.0 8.6 12.8

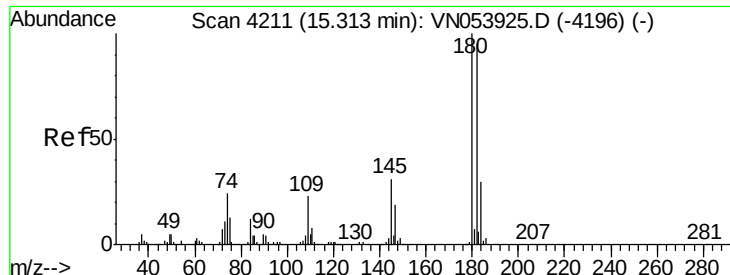


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

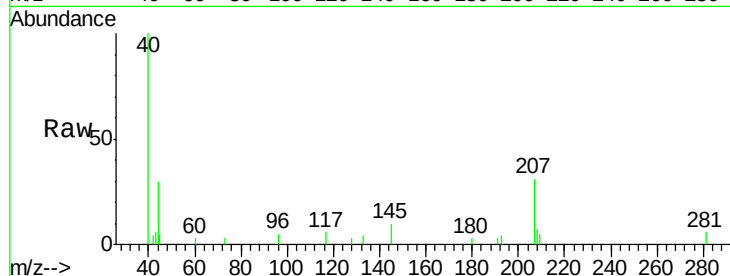
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.562 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

Tot Ion:	180	Resp:	31
Ion Ratio	Lower	Upper	
180	100		
182	0.0	47.3	141.8#
145	606.5	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

