

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054071.D
 Acq On : 4 Mar 2019 17:47
 Operator : JC/SP
 Sample : K1688-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 04 23:56:11 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	563533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1109945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1095301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429664	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	394379	59.70	ug/l	0.00
Spiked Amount			Recovery	=	119.40%	
35) Dibromofluoromethane	7.59	113	358209	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	10.09	98	1421884	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.40	95	485885	54.58	ug/l	0.00
Spiked Amount			Recovery	=	109.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	203	0.485	ug/l #	73
16) Acetone	3.82	43	20006	Below Cal		88
18) Methyl Acetate	4.34	43	4088	0.885	ug/l #	69
20) Methylene Chloride	4.55	84	133210	20.375	ug/l	89
25) 2-Butanone	6.85	43	4640	1.789	ug/l #	81
29) Tetrahydrofuran	7.22	42	945	0.547	ug/l #	41
30) Chloroform	7.37	83	5125	0.458	ug/l	100
31) Cyclohexane	7.66	56	11162	0.652	ug/l #	8
36) 1,1-Dichloropropene	7.66	75	41542	4.025	ug/l #	48
37) Ethyl Acetate	6.85	43	4640	0.630	ug/l #	67
38) Carbon Tetrachloride	7.67	117	52489	4.889	ug/l #	16
43) Isopropyl Acetate	8.17	43	39771	3.196	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	2147	0.251	ug/l #	44
48) Methyl methacrylate	9.18	41	12627	2.206	ug/l #	23
49) 1,4-Dioxane	9.27	88	210	2.709	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	12331	1.928	ug/l #	34
52) Toluene	10.16	92	22394	1.199	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	80134	6.674	ug/l #	72
56) Ethyl methacrylate	10.54	69	1622	2.125	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	16217	1.376	ug/l #	43
59) 2-Hexanone	10.76	43	236341	56.826	ug/l #	48
67) Ethyl Benzene	11.51	91	24598	0.635	ug/l	98
68) m/p-Xylenes	11.62	106	39947	2.731	ug/l	94
69) o-Xylene	11.95	106	20269	1.410	ug/l	95
71) Bromoform	12.40	173	3494	0.603	ug/l #	1
74) N-amyl acetate	11.88	43	23334	2.662	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	239102	34.690	ug/l #	100
78) n-propylbenzene	12.59	91	22135	0.582	ug/l	97
79) 2-Chlorotoluene	12.65	91	8412	0.368	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	48589	1.775	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	239102	109.641	ug/l #	15
82) 4-Chlorotoluene	12.73	91	4532	0.201	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	154562	5.654	ug/l	97
89) n-Butylbenzene	13.61	91	5169	0.219	ug/l #	79

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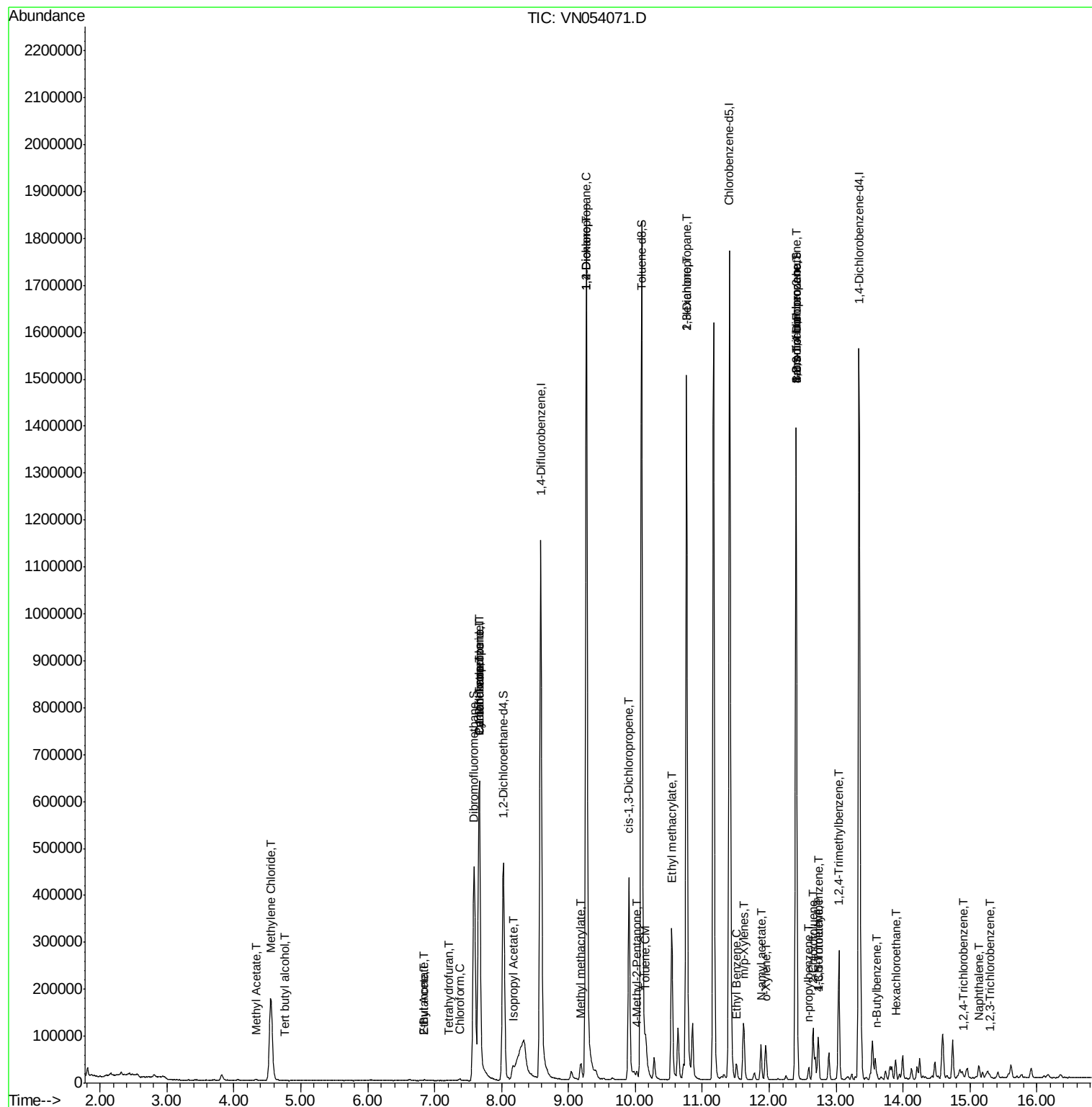
Quant Time: Mar 04 23:56:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
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QLast Update : Thu Feb 28 04:05:45 2019
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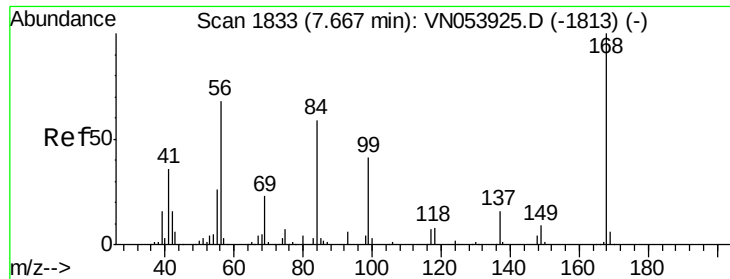
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	2545	0.470	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	275	2.256	ug/l #	1
95) Naphthalene	15.13	128	24727	4.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	287	1.595	ug/l #	30

(#) = 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: VN054071.D

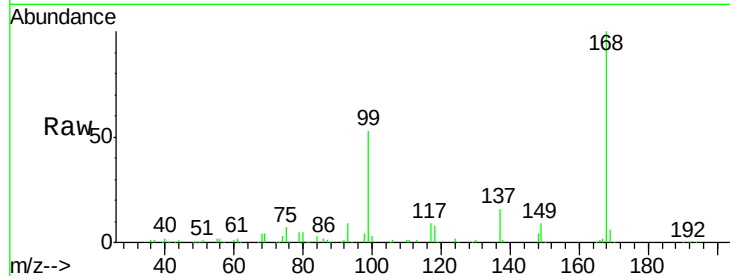
Acq: 4 Mar 2019 17:47

Tot Ion:168 Resp: 563533

Ion Ratio Lower Upper

168 100

99 53.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

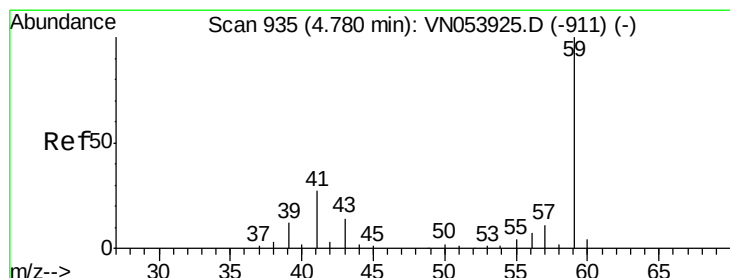
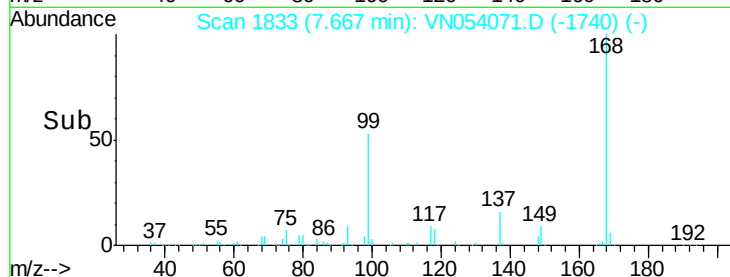
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#11

Tert butyl alcohol

Concen: 0.485 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.03 min

Lab File: VN054071.D

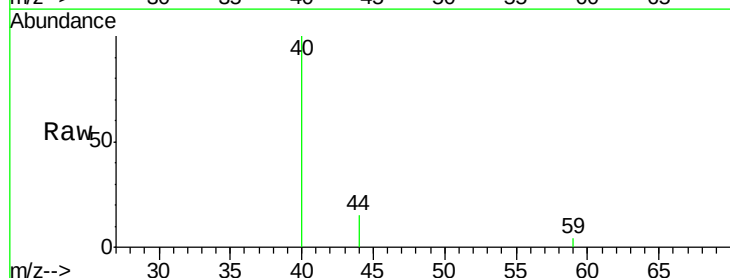
Acq: 4 Mar 2019 17:47

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

250

200

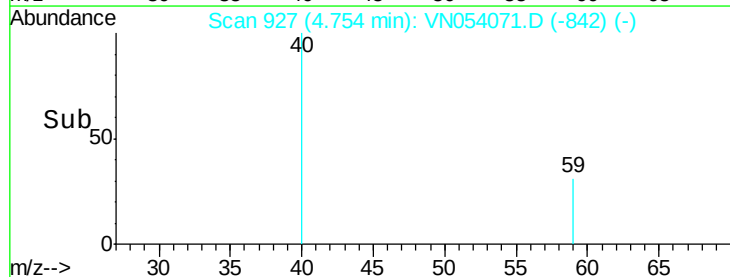
150

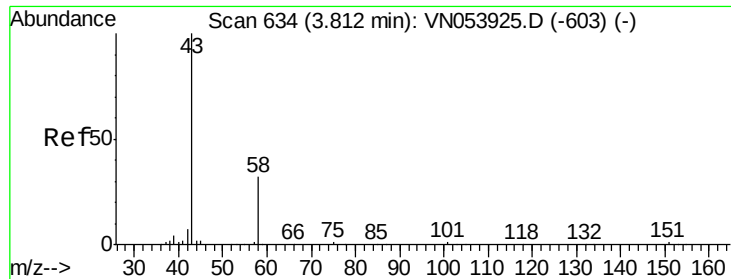
100

50

0

Time--> 4.74 4.75 4.76 4.77





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054071.D

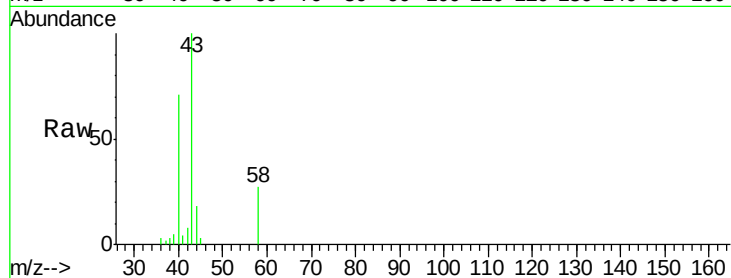
Acq: 4 Mar 2019 17:47

Tot Ion: 43 Resp: 20006

Ion Ratio Lower Upper

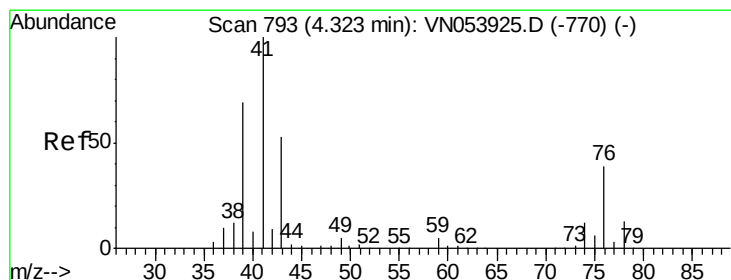
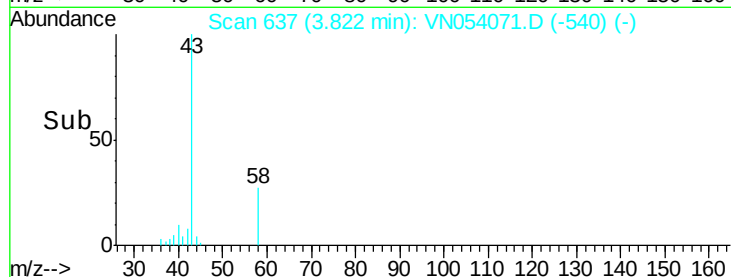
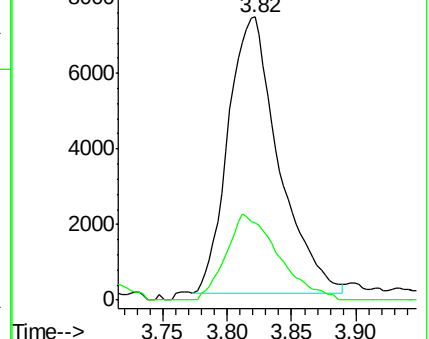
43 100

58 27.8 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: 0.885 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054071.D

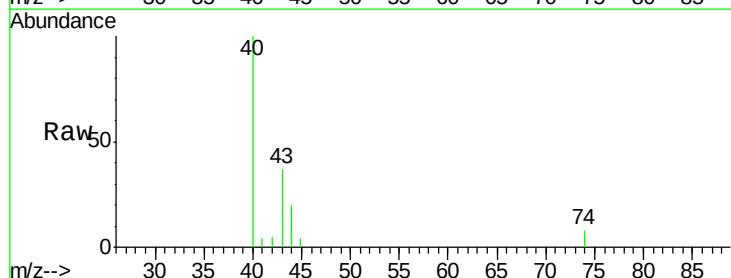
Acq: 4 Mar 2019 17:47

Tgt Ion: 43 Resp: 4088

Ion Ratio Lower Upper

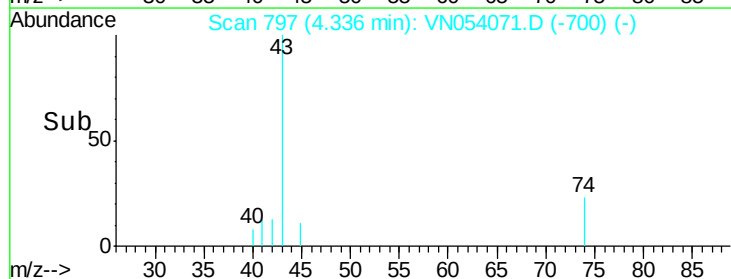
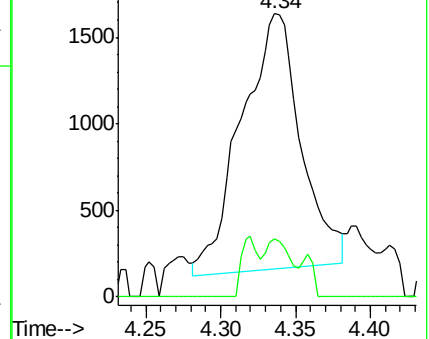
43 100

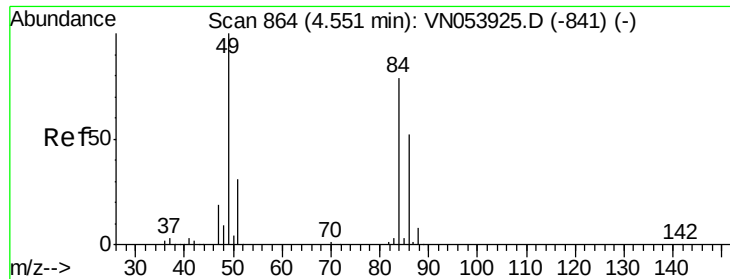
74 9.8 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

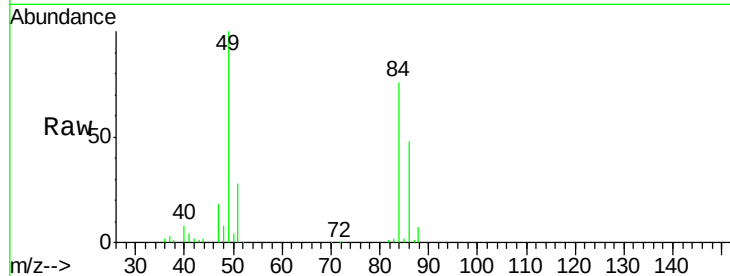




#20
Methvlene Chloride
Concen: 20.375 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tot Ion: 84 Resp: 133210

Ion	Ratio	Lower	Upper
84	100		
49	132.4	89.7	134.5
51	37.2	27.8	41.8
86	63.9	51.3	76.9

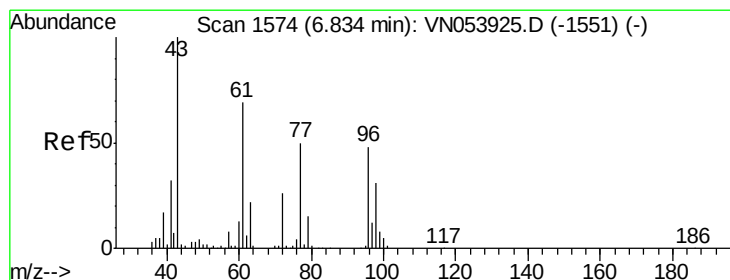
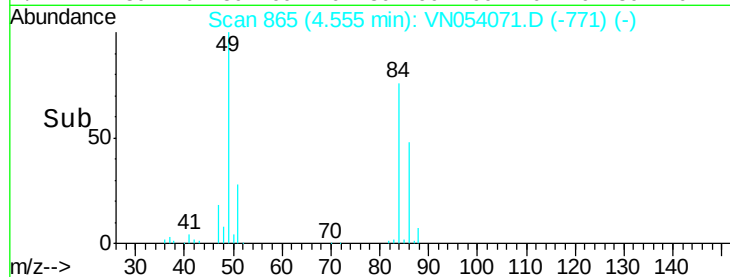
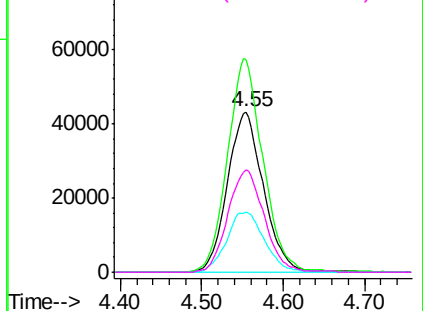


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

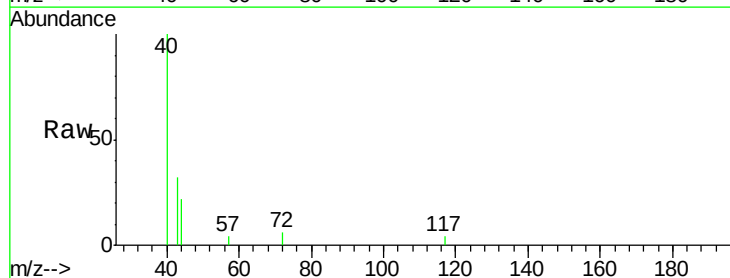
Ion 85.90 (85.60 to 86.60): VNC



#25
2-Butanone
Concen: 1.789 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

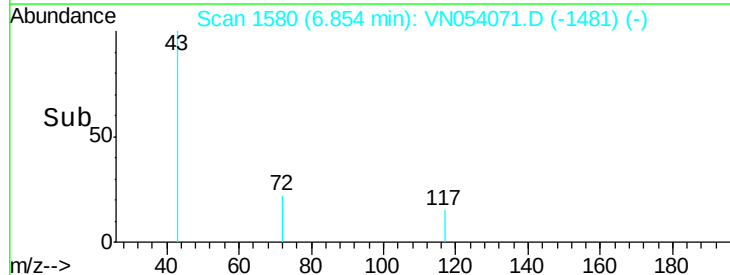
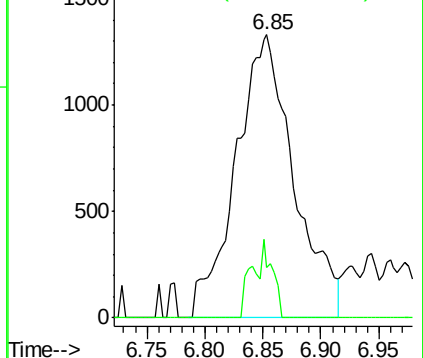
Tgt Ion: 43 Resp: 4640

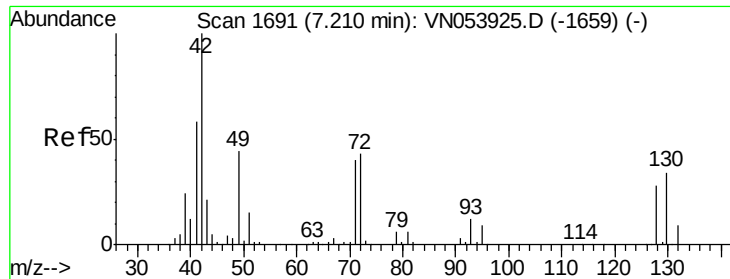
Ion	Ratio	Lower	Upper
43	100		
72	17.6	22.1	33.1#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC





#29

Tetrahydrofuran

Concen: 0.547 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

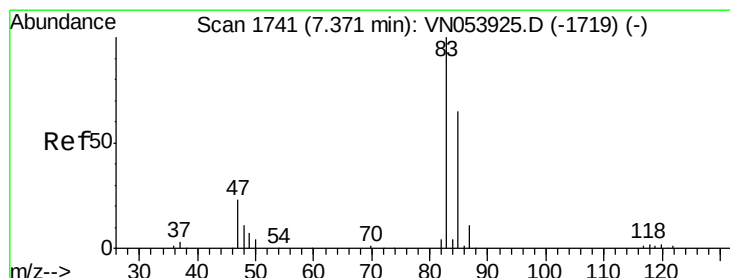
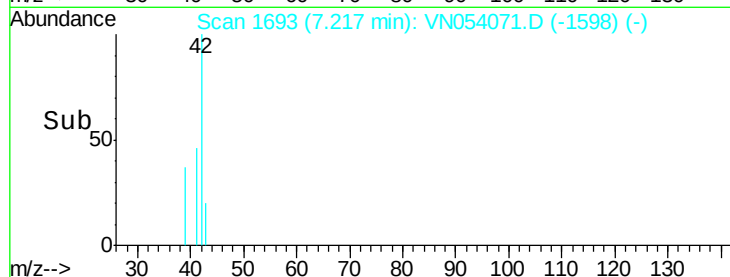
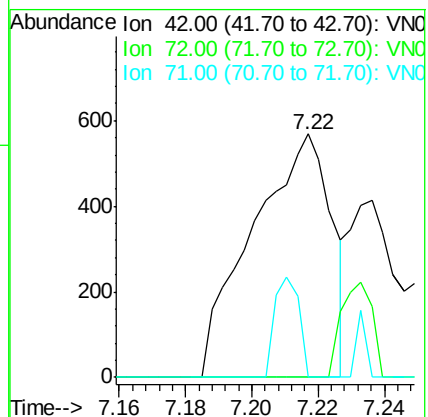
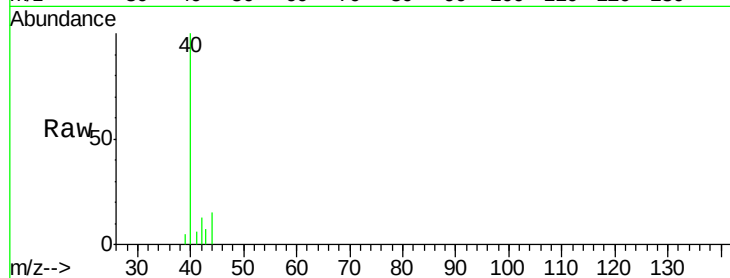
Tot Ion: 42 Resp: 945

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

71 12.6 34.6 52.0#



#30

Chloroform

Concen: 0.458 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054071.D

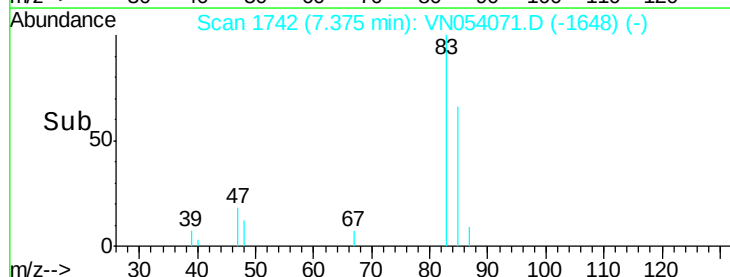
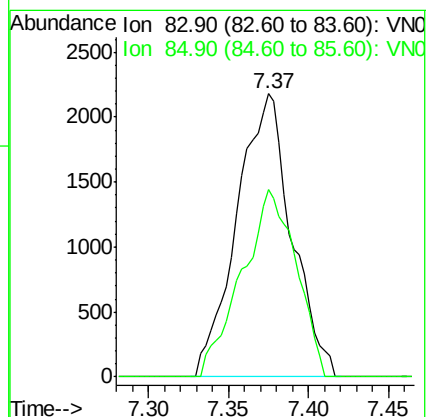
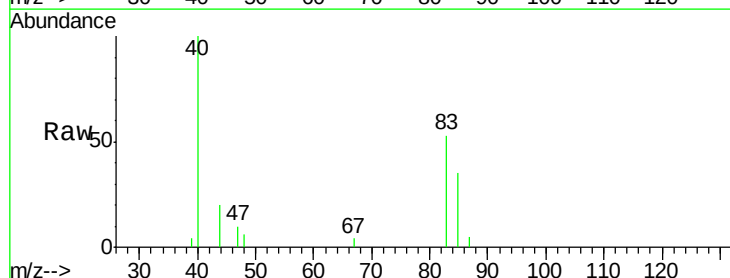
Acq: 4 Mar 2019 17:47

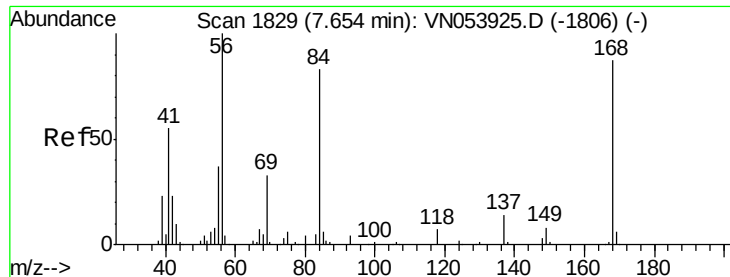
Tgt Ion: 83 Resp: 5125

Ion Ratio Lower Upper

83 100

85 66.0 52.6 78.8





#31

Cyclohexane

Concen: 0.652 ug/l

RT: 7.66 min Scan# 1831

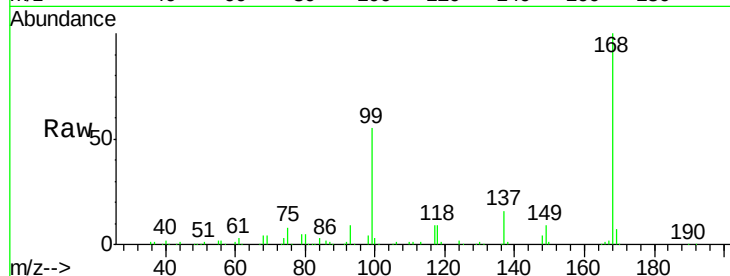
Delta R.T. 0.01 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tot Ion: 56 Resp: 11162

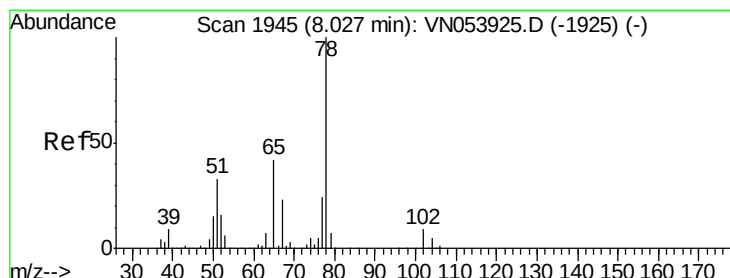
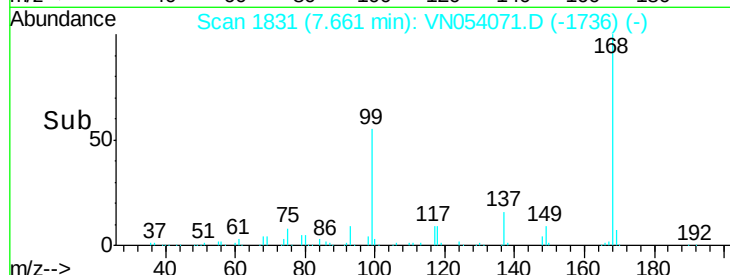
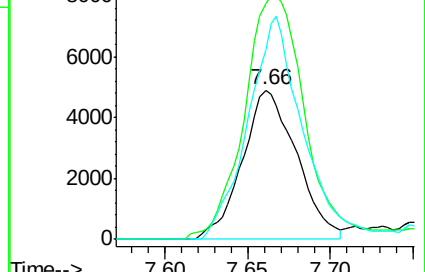
Ion	Ratio	Lower	Upper
56	100		
69	155.0	26.0	39.0#
84	127.8	69.1	103.7#



Abundance Ion 56.00 (55.70 to 56.70): VN054071.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN054071.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN054071.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.701 ug/l

RT: 8.03 min Scan# 1945

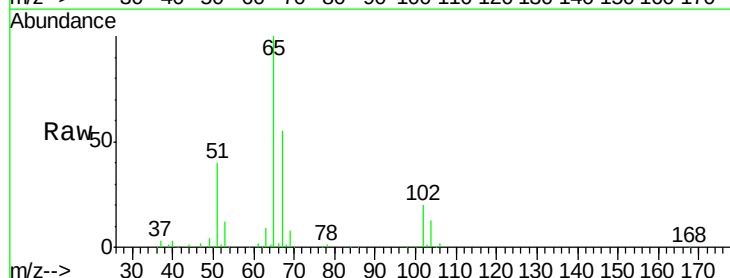
Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

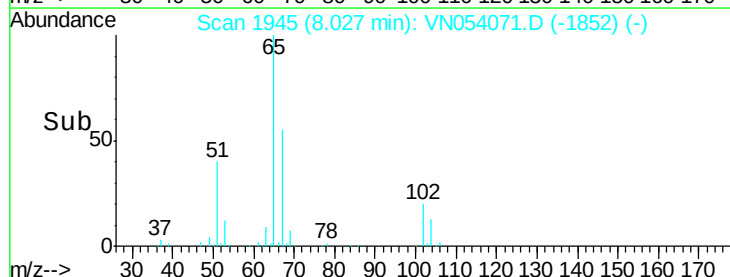
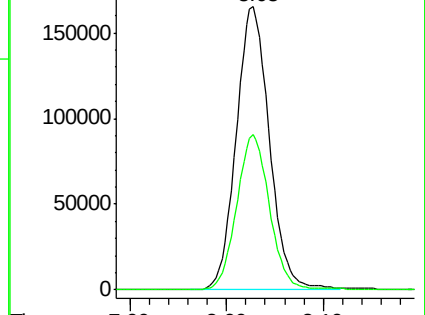
Tgt Ion: 65 Resp: 394379

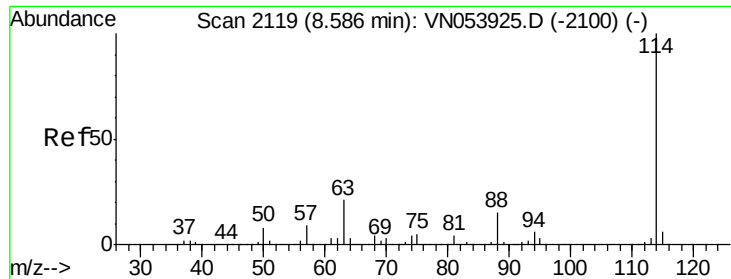
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.8



Abundance Ion 64.90 (64.60 to 65.60): VN054071.D (-1852) (-)

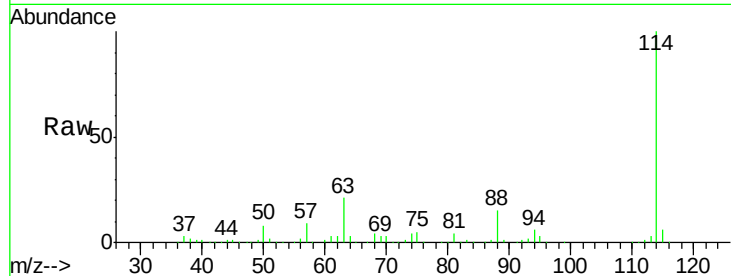
Ion 66.90 (66.60 to 67.60): VN054071.D (-1852) (-)



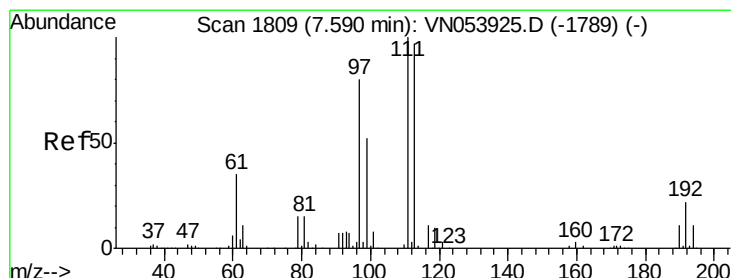
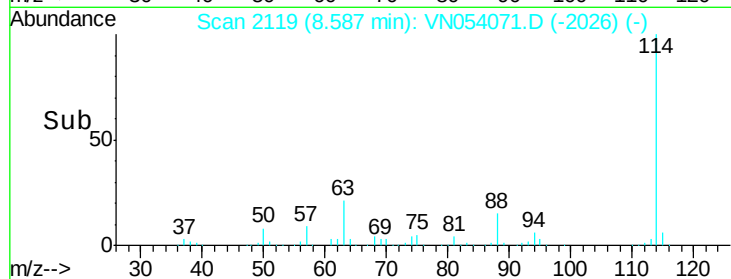
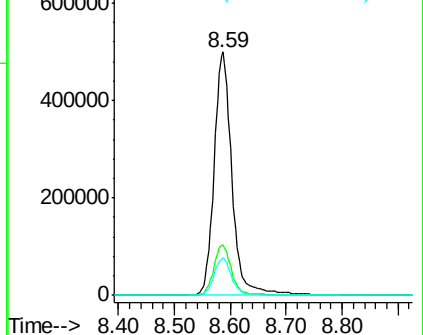


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tot Ion:114 Resp: 1109945
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 15.2 0.0 30.4

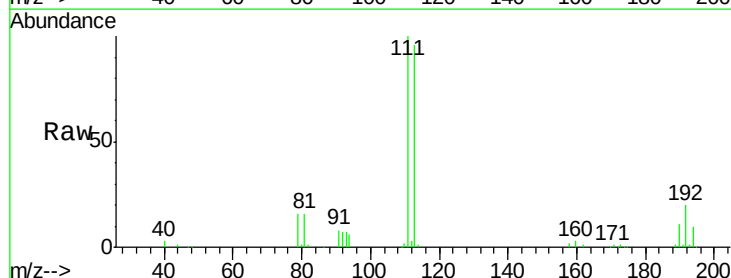


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

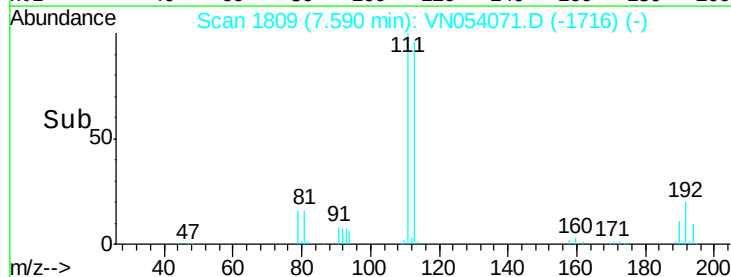
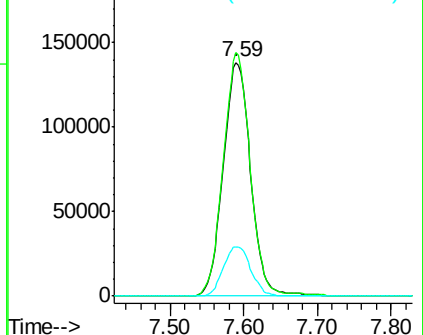


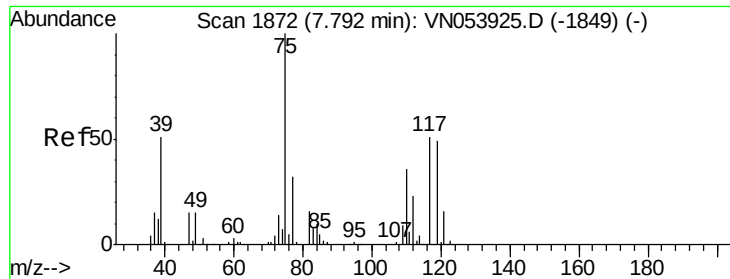
#35
 Dibromofluoromethane
 Concen: 49.907 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tgt Ion:113 Resp: 358209
 Ion Ratio Lower Upper
 113 100
 111 101.2 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: 4.025 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

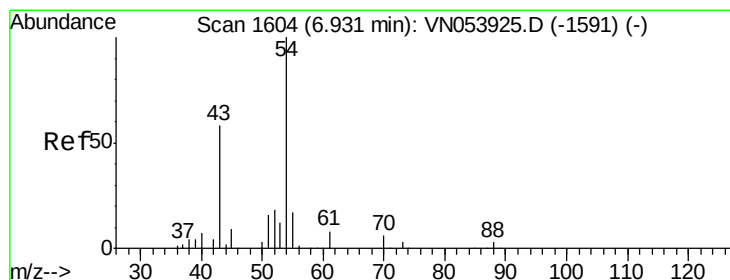
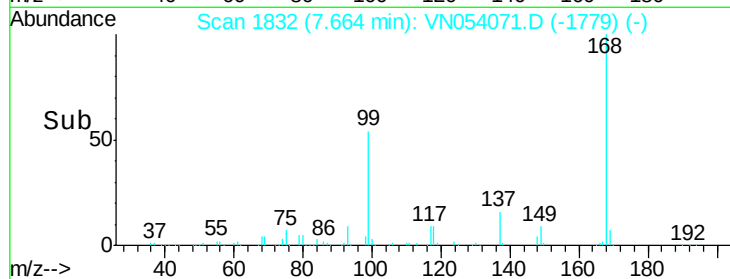
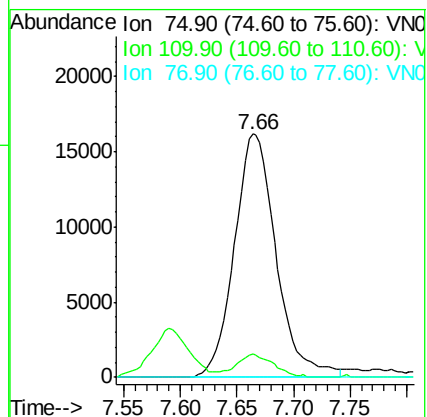
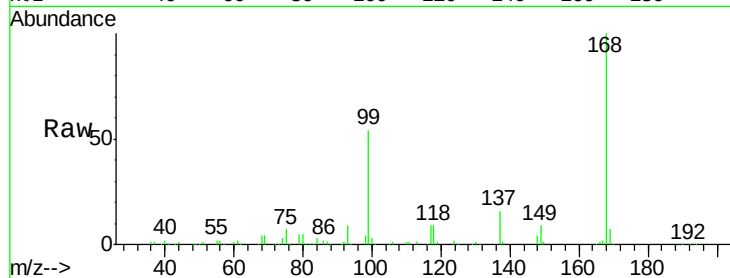
Tot Ion: 75 Resp: 41542

Ion Ratio Lower Upper

75 100

110 8.7 19.0 57.0#

77 0.0 25.4 38.0#



#37

Ethyl Acetate

Concen: 0.630 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. -0.08 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

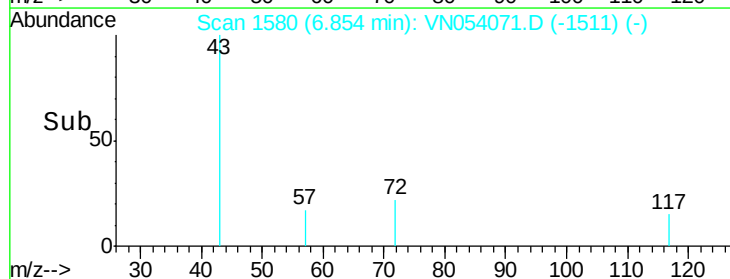
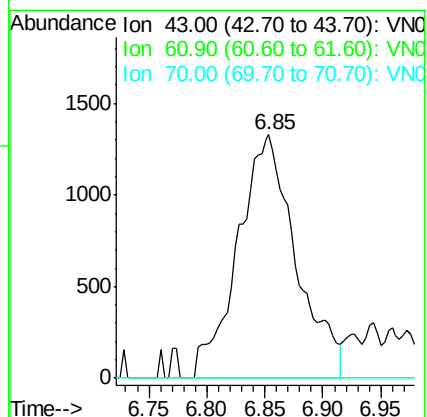
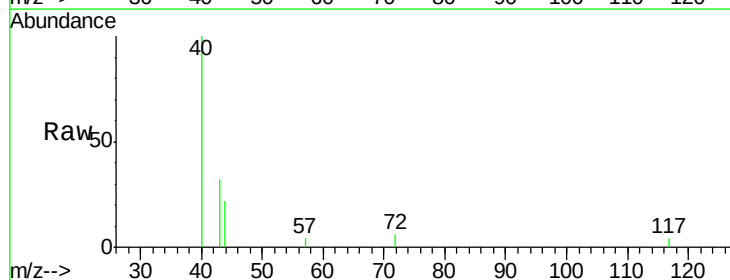
Tgt Ion: 43 Resp: 4640

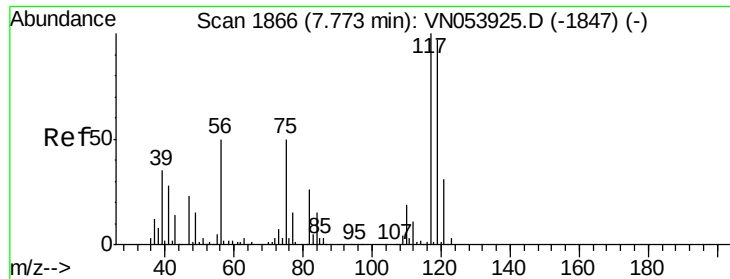
Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 4.889 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

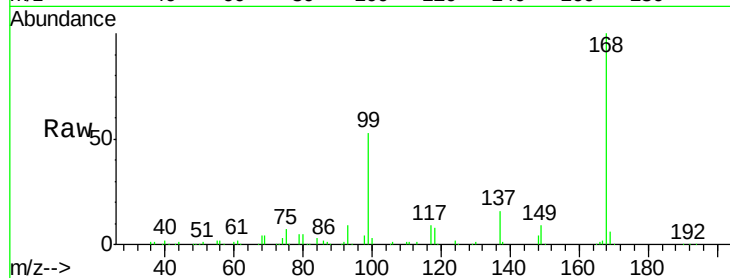
Tot Ion:117 Resp: 52489

Ion Ratio Lower Upper

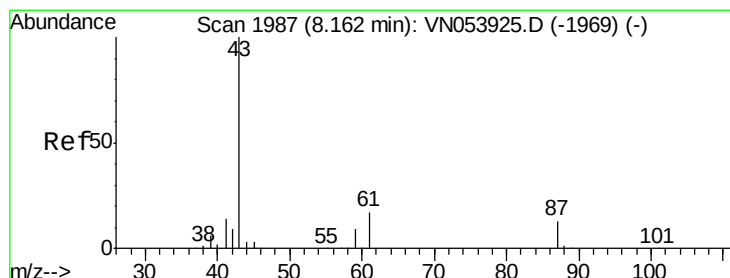
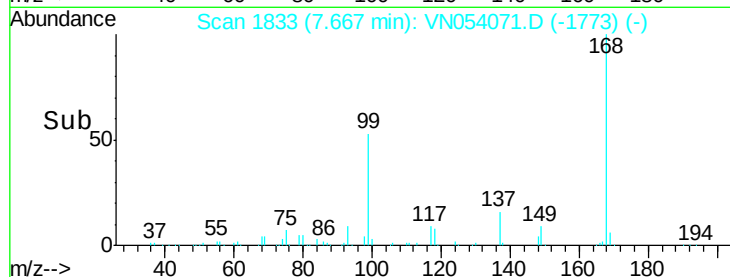
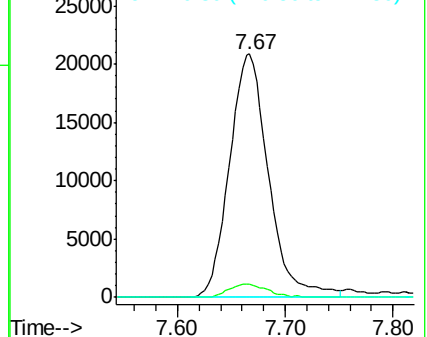
117 100

119 5.4 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: 3.196 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

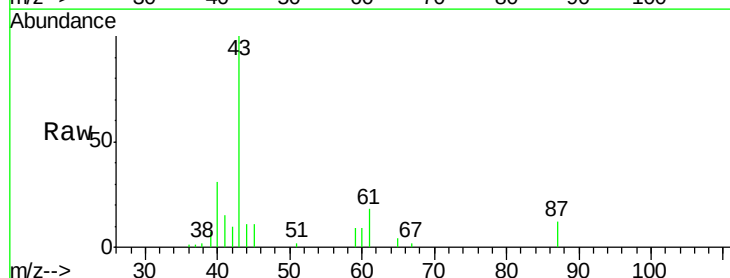
Tgt Ion: 43 Resp: 39771

Ion Ratio Lower Upper

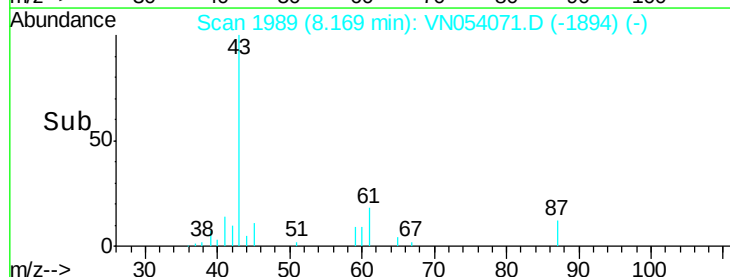
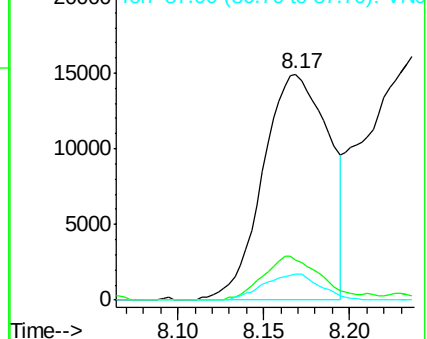
43 100

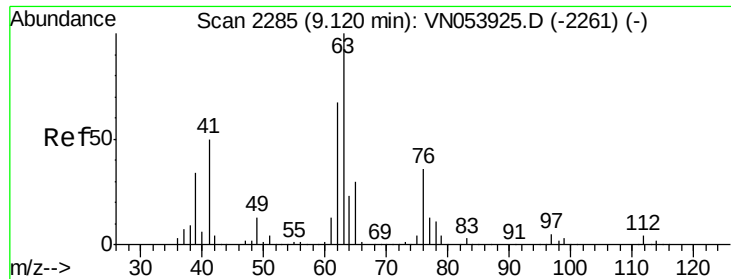
61 17.4 17.4 26.0

87 9.9 11.5 17.3#



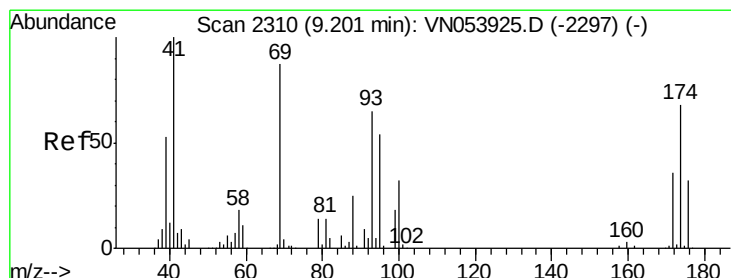
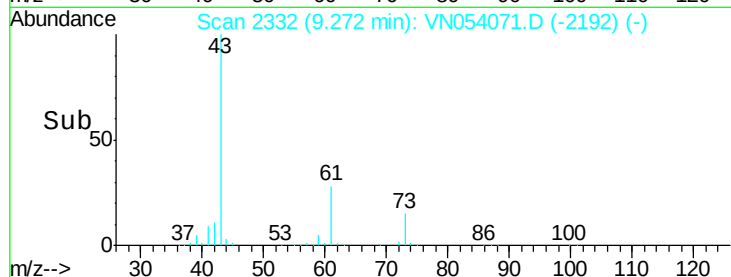
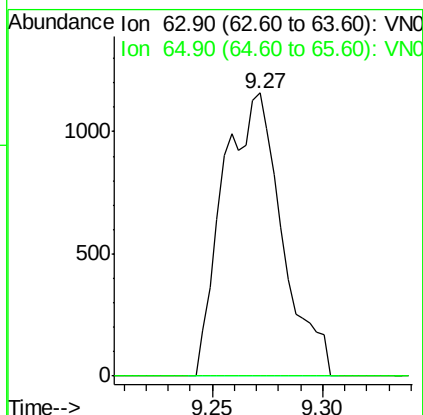
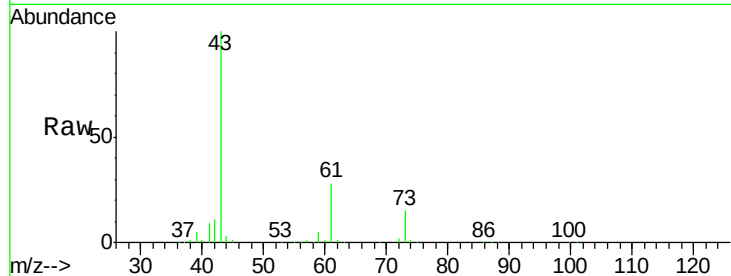
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





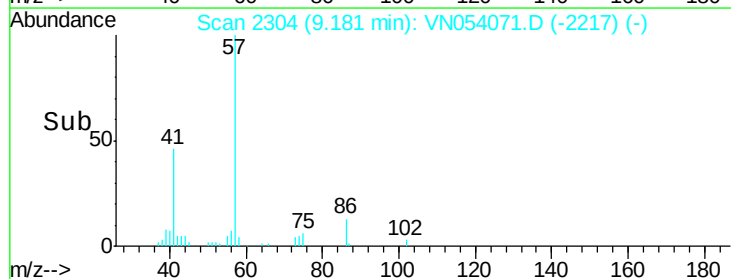
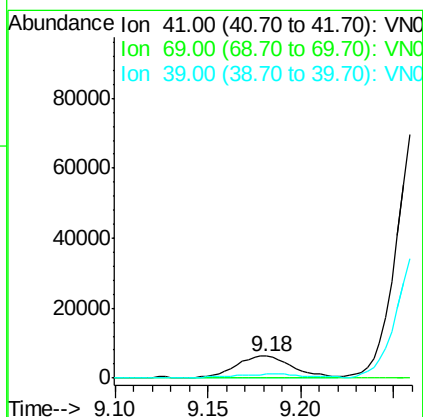
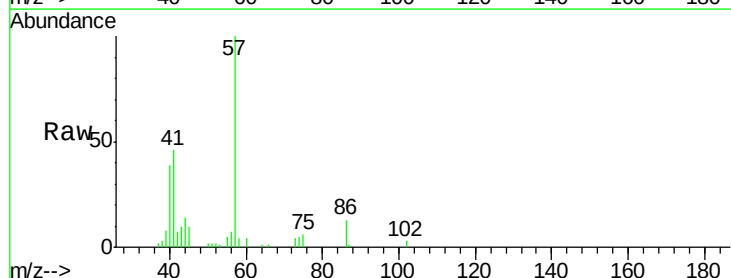
#45
 1,2-Dichloropropane
 Concen: 0.251 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

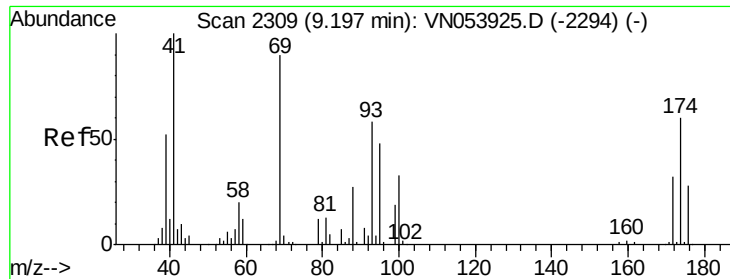
Tot Ion: 63 Resp: 2147
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 2.206 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tgt Ion: 41 Resp: 12627
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 22.4 39.0 58.6#





#49

1,4-Dioxane

Concen: 2.709 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

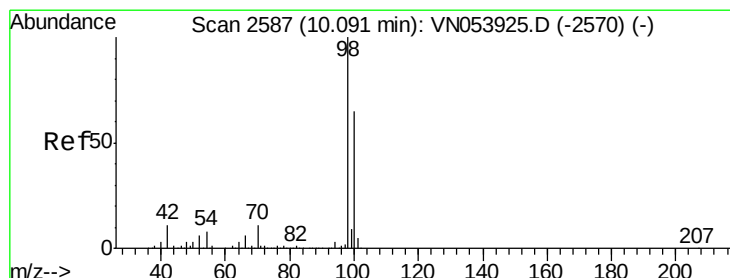
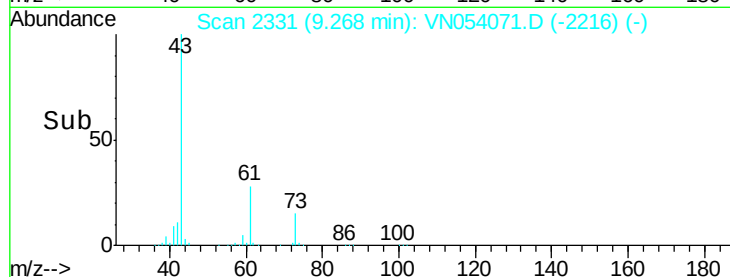
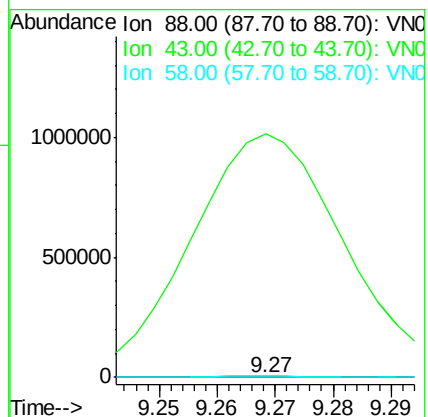
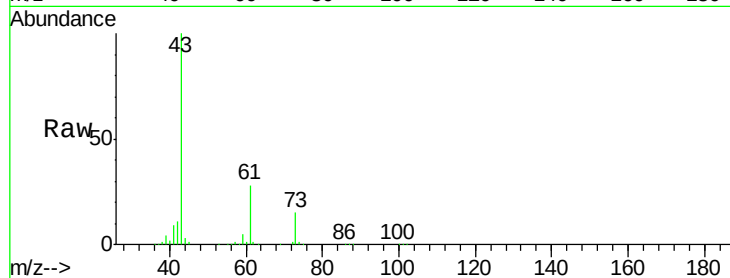
Tot Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

43 966374.8 21.2 31.8#

58 4785.7 54.2 81.2#



#50

Toluene-d8

Concen: 53.216 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054071.D

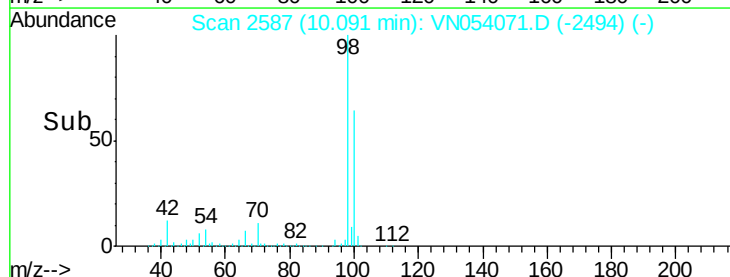
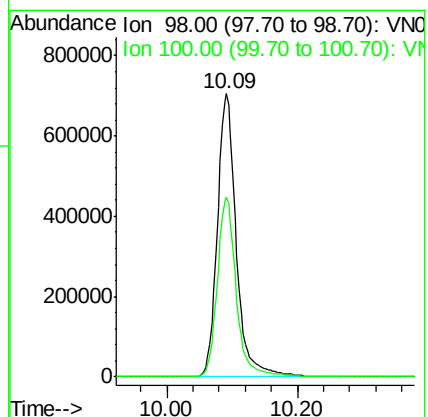
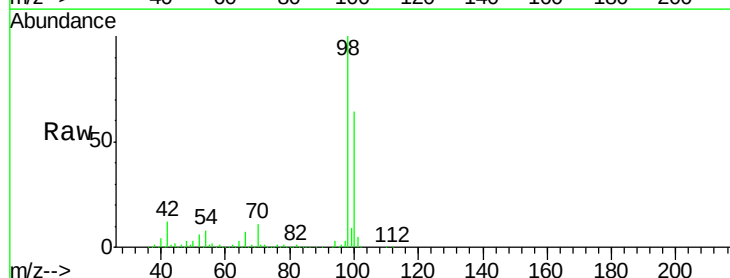
Acq: 4 Mar 2019 17:47

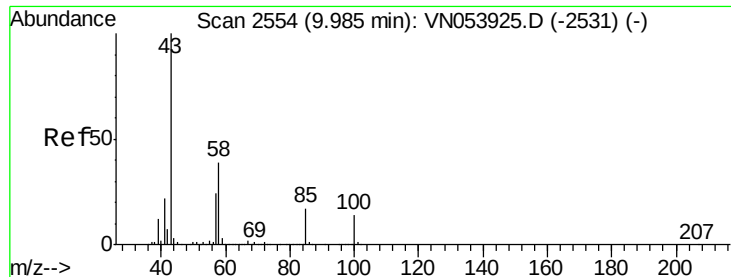
Tgt Ion: 98 Resp: 1421884

Ion Ratio Lower Upper

98 100

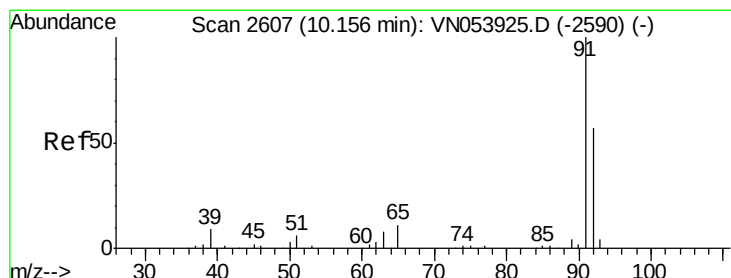
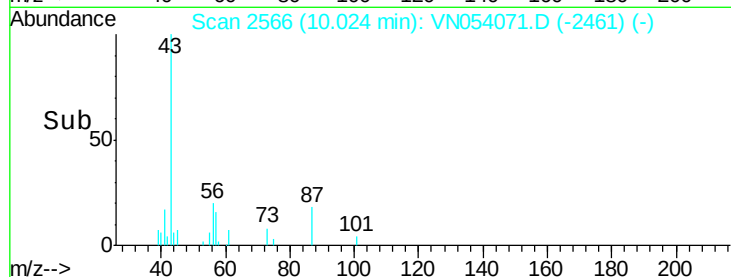
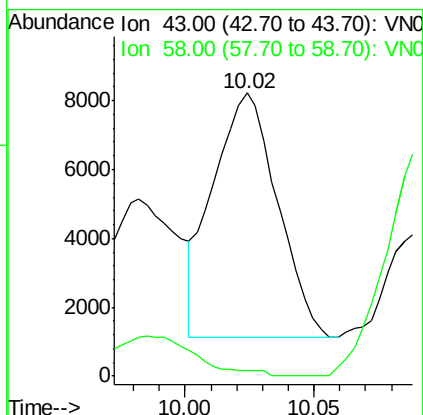
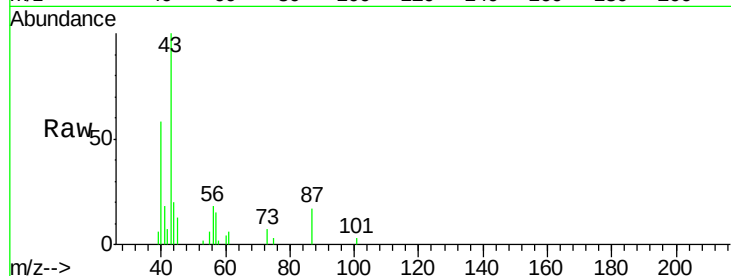
100 63.6 51.9 77.9





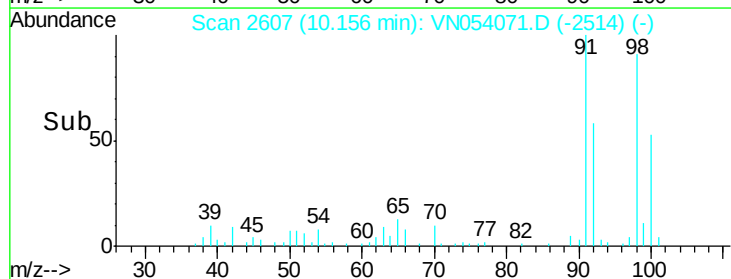
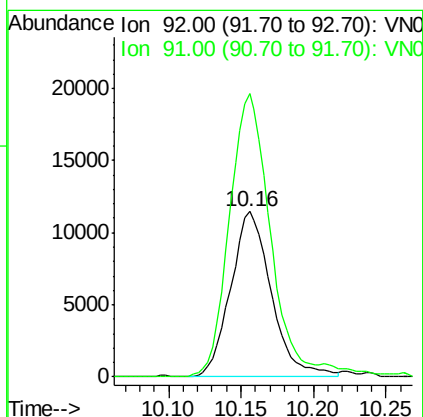
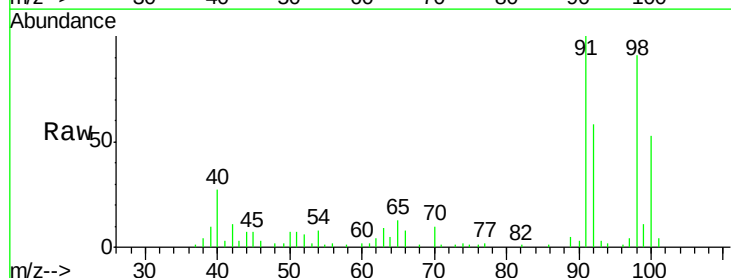
#51
4-Methyl-2-Pentanone
Concen: 1.928 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

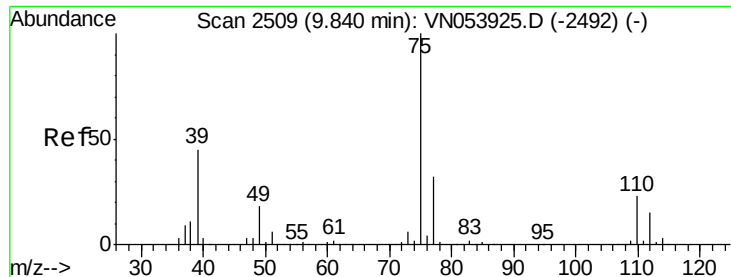
Tot Ion: 43 Resp: 12331
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#



#52
Toluene
Concen: 1.199 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tgt Ion: 92 Resp: 22394
Ion Ratio Lower Upper
92 100
91 169.5 138.4 207.6





#54

cis-1,3-Dichloropropene

Concen: 6.674 ug/l

RT: 9.90 min Scan# 2529

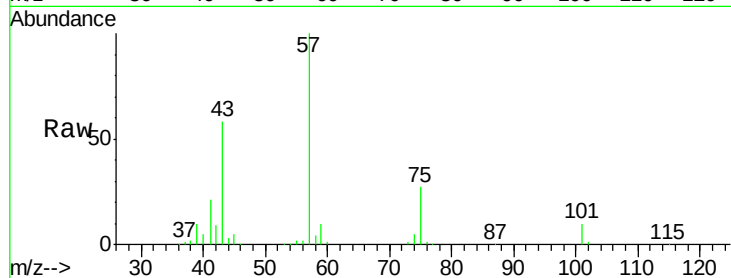
Delta R.T. 0.06 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tot Ion: 75 Resp: 80134

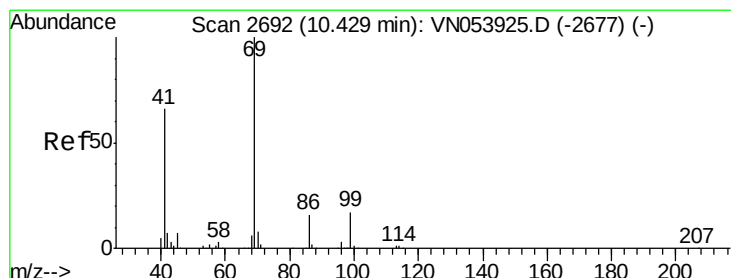
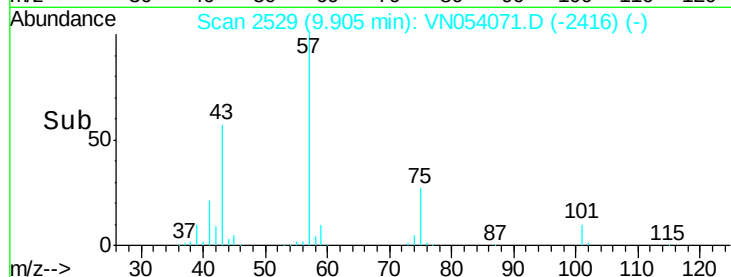
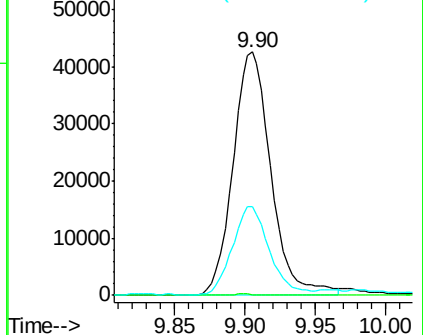
Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.6#
39	36.3	31.4	47.0



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# 2728

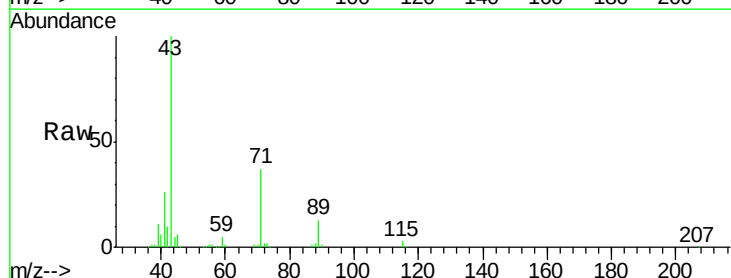
Delta R.T. 0.12 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tgt Ion: 69 Resp: 1622

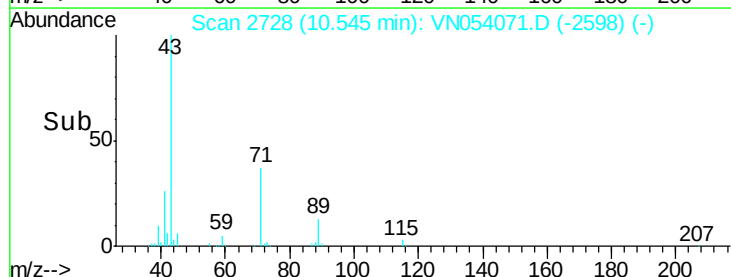
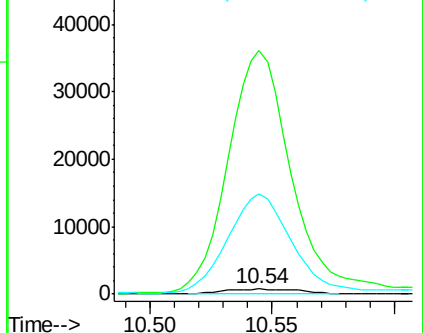
Ion	Ratio	Lower	Upper
69	100		
41	4065.7	47.5	71.3#
39	1708.9	23.4	35.0#

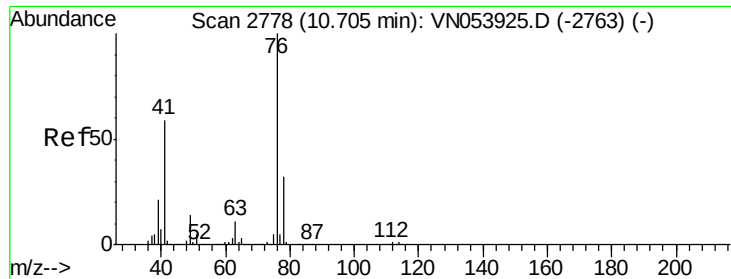


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

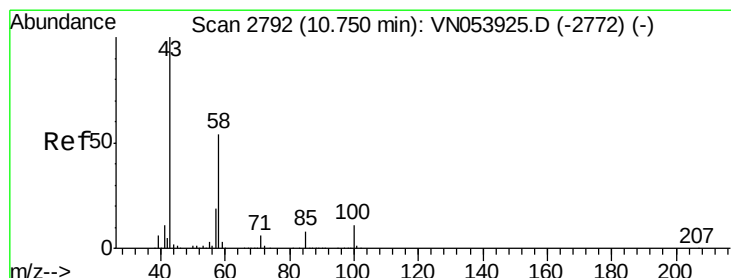
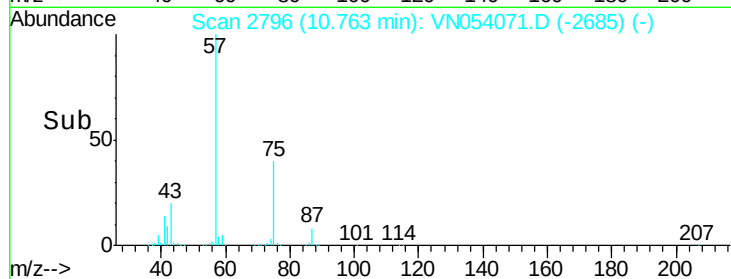
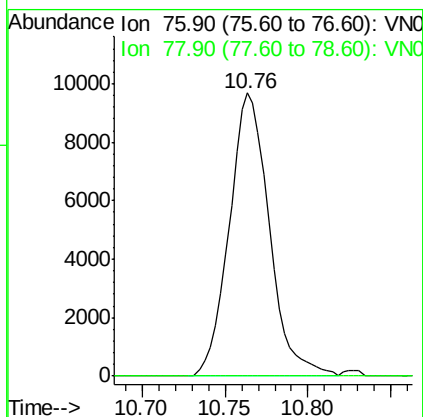
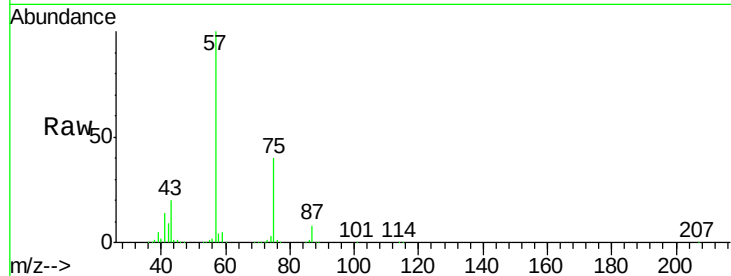
Ion 39.00 (38.70 to 39.70): VN0





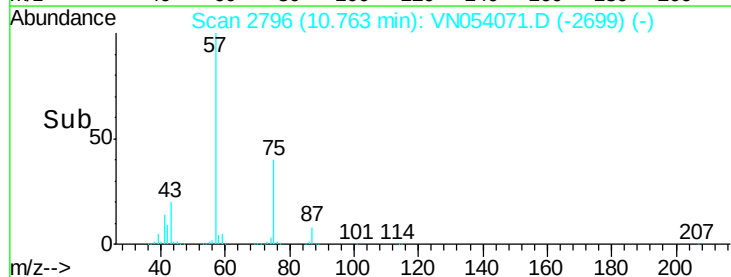
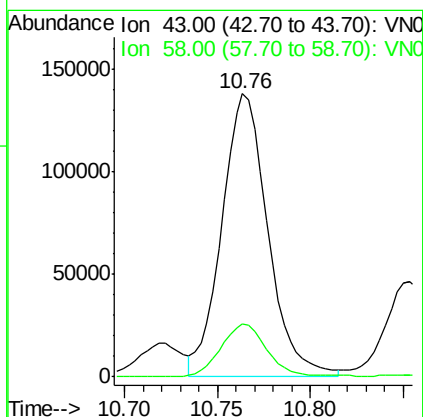
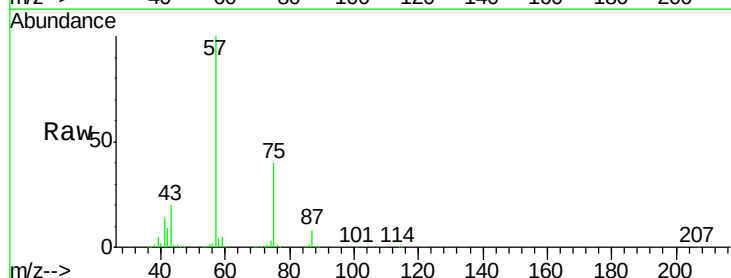
#57
 1,3-Dichloropropane
 Concen: 1.376 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

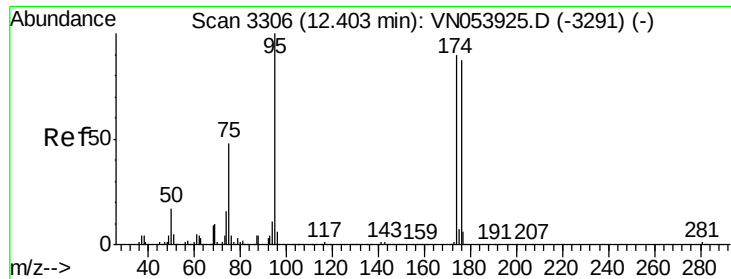
Tot Ion: 76 Resp: 16217
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 56.826 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

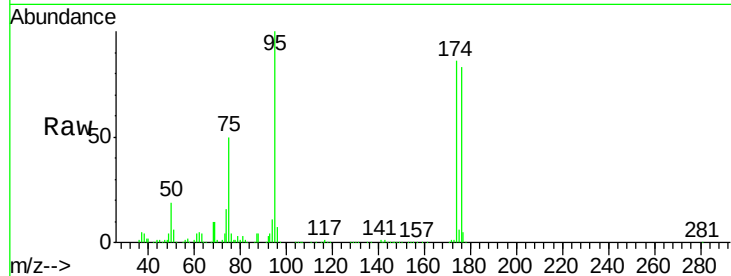
Tgt Ion: 43 Resp: 236341
 Ion Ratio Lower Upper
 43 100
 58 19.2 29.1 87.4#



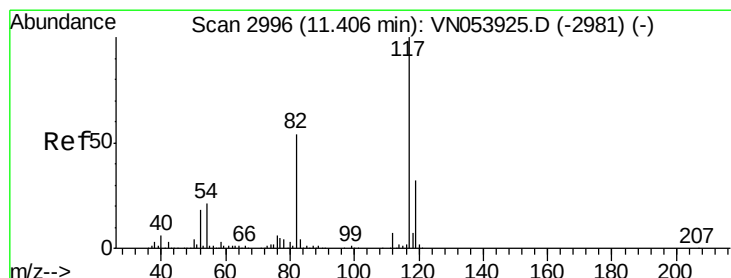
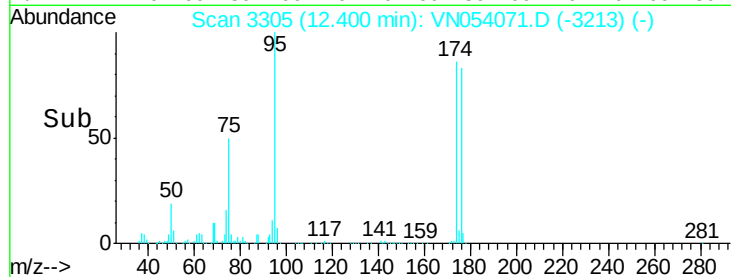
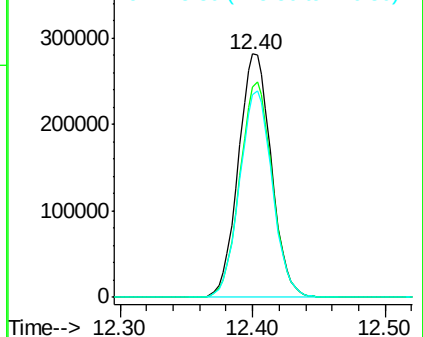


#62
4-Bromofluorobenzene
Concen: 54.582 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tot Ion: 95 Resp: 485885
Ion Ratio Lower Upper
95 100
174 86.9 0.0 188.8
176 84.0 0.0 182.6

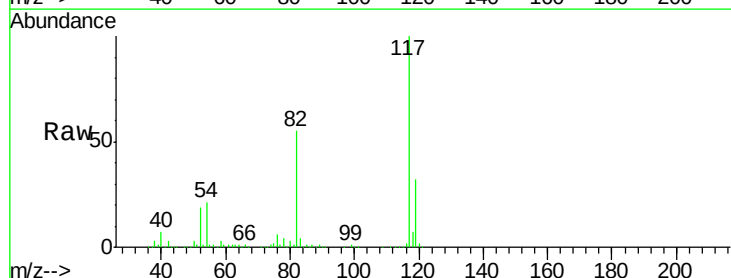


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

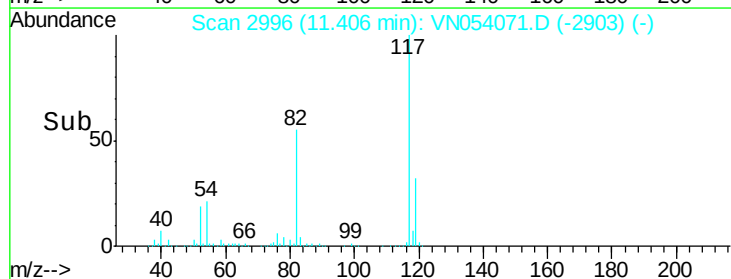
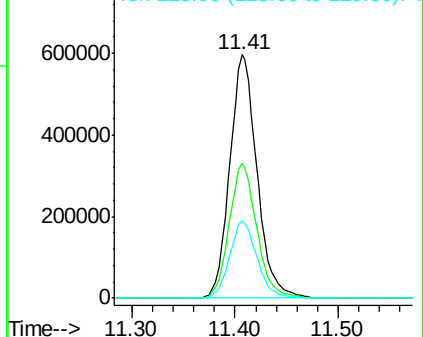


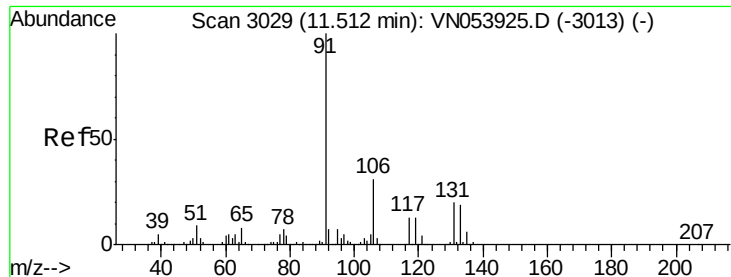
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tgt Ion: 117 Resp: 1095301
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 31.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)





#67

Ethyl Benzene

Concen: 0.635 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054071.D

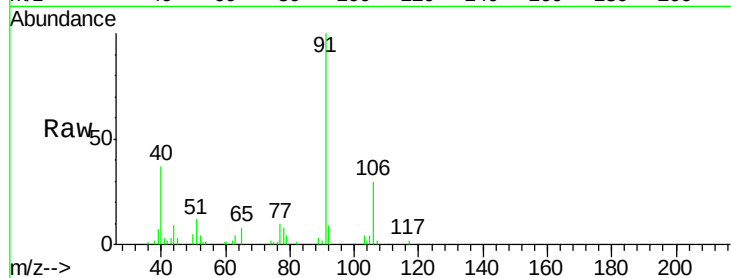
Acq: 4 Mar 2019 17:47

Tot Ion: 91 Resp: 24598

Ion Ratio Lower Upper

91 100

106 30.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN053925.D (-3013) (-)

50000

40000

30000

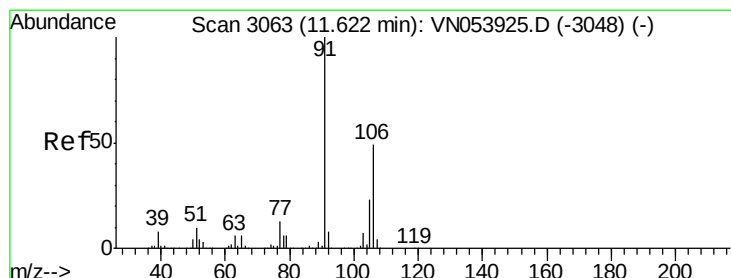
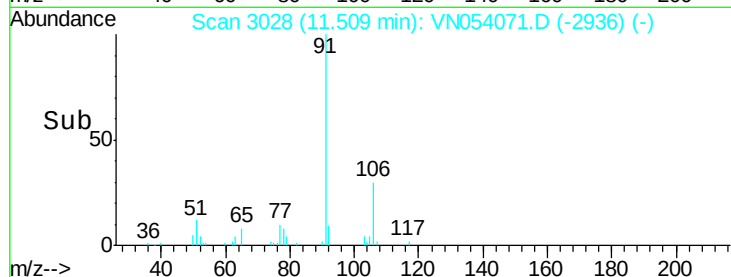
20000

10000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 2.731 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054071.D

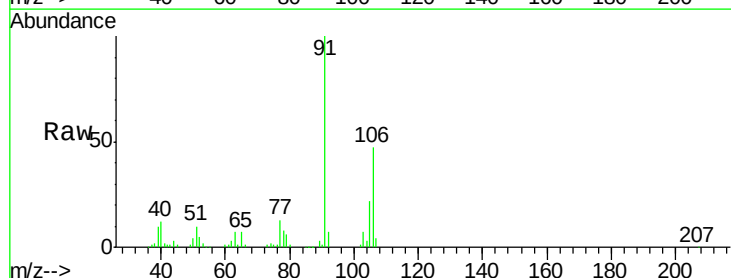
Acq: 4 Mar 2019 17:47

Tgt Ion: 106 Resp: 39947

Ion Ratio Lower Upper

106 100

91 208.1 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): VN053925.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN053925.D (-3048) (-)

50000

40000

30000

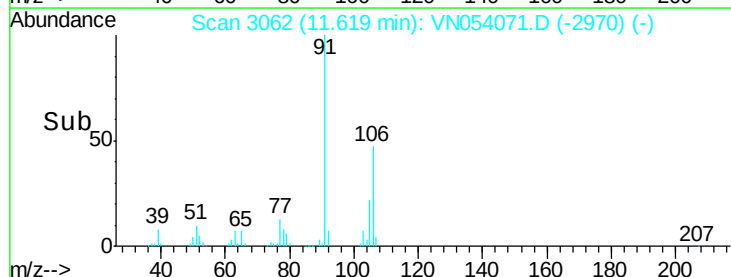
20000

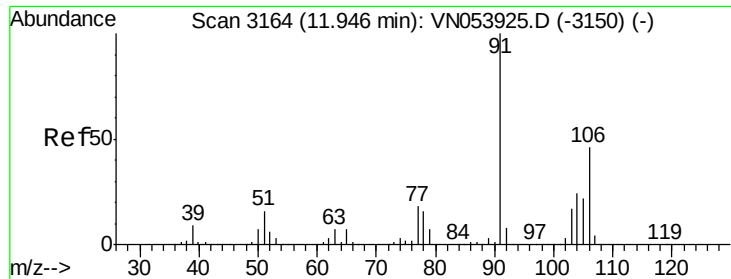
10000

0

11.55 11.60 11.65 11.70

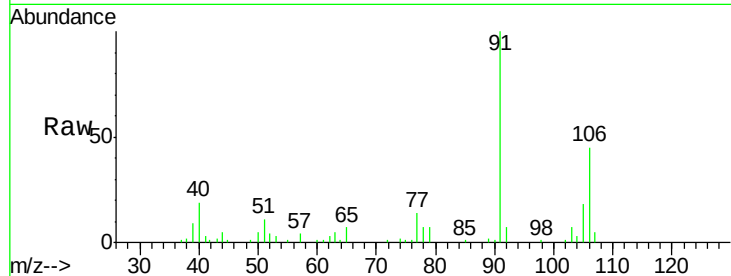
Time-->



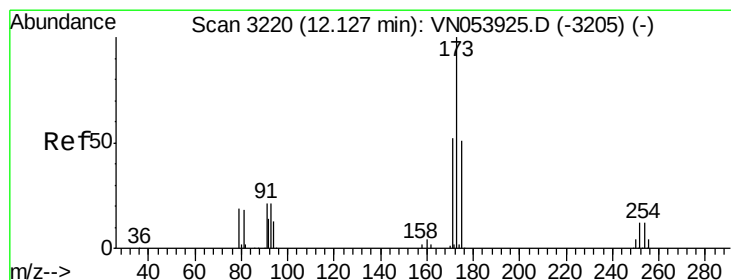
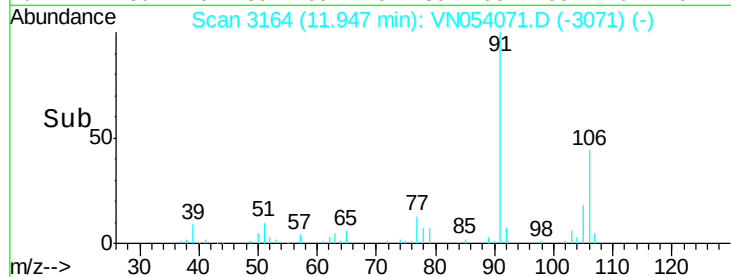
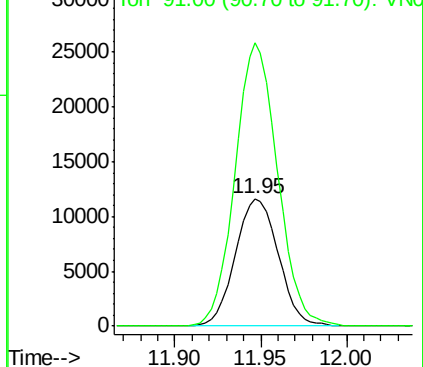


#69
o-Xylene
Concen: 1.410 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tot Ion:106 Resp: 20269
Ion Ratio Lower Upper
106 100
91 219.3 106.0 318.0

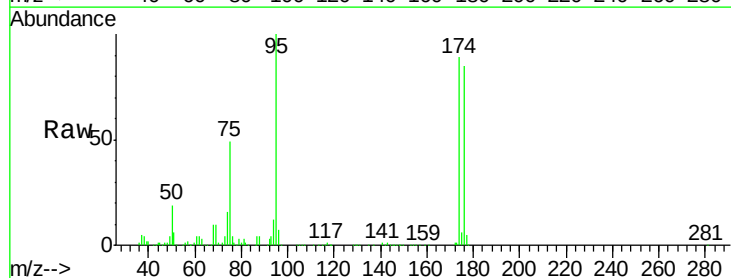


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

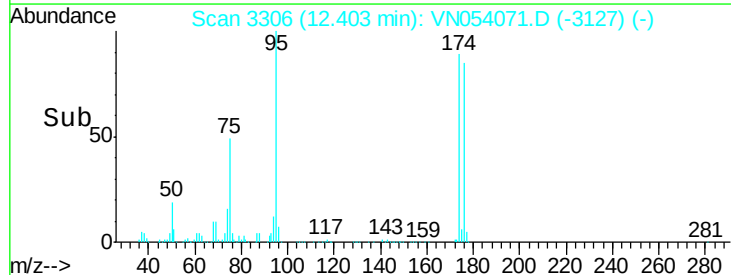
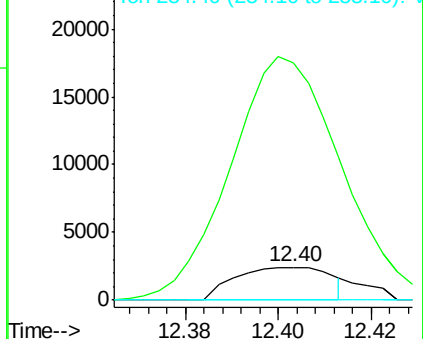


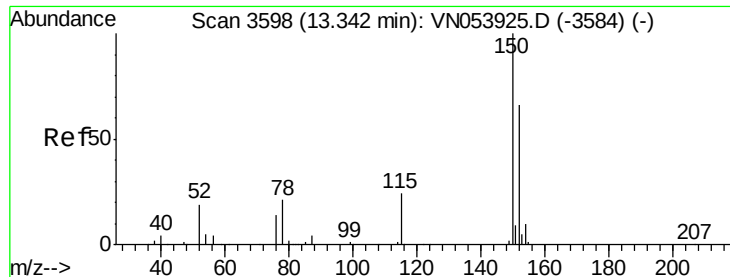
#71
Bromoform
Concen: 0.603 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tgt Ion:173 Resp: 3494
Ion Ratio Lower Upper
173 100
175 741.8 24.3 72.8#
254 0.0 0.2 0.2#



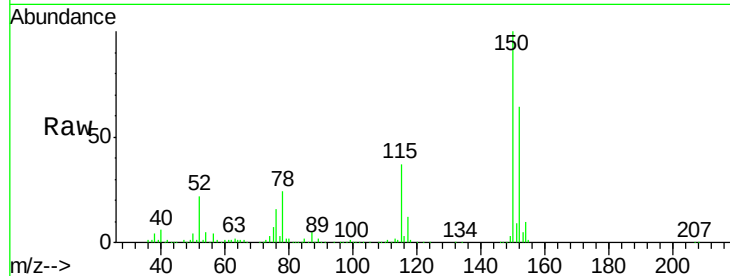
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



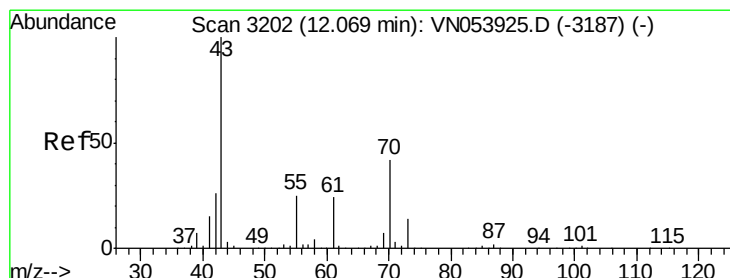
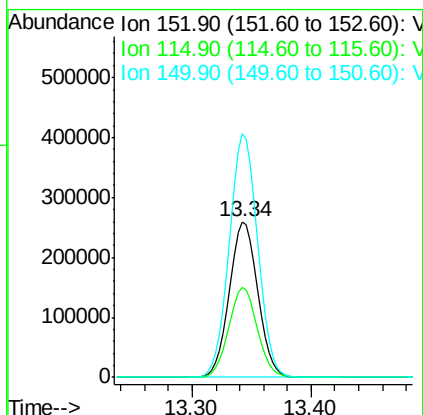
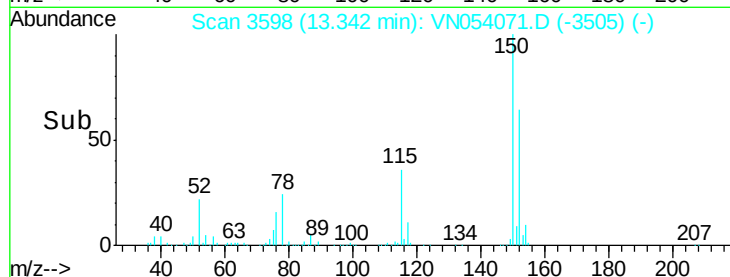


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tot Ion:152 Resp: 429664
 Ion Ratio Lower Upper
 152 100
 115 58.4 27.2 81.6
 150 156.3 0.0 348.2

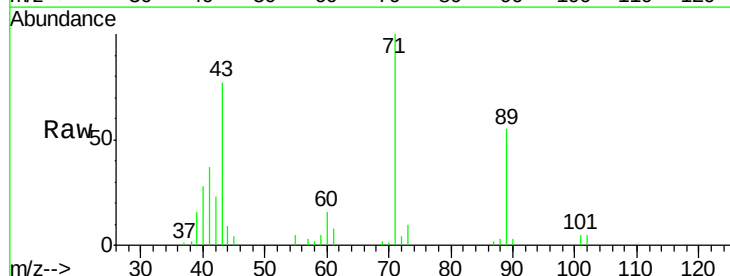


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

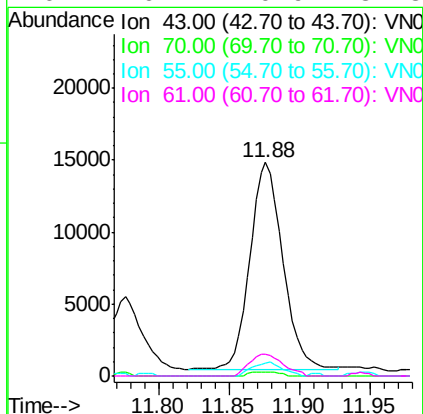
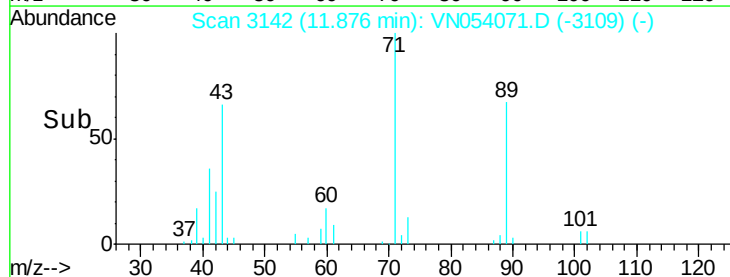


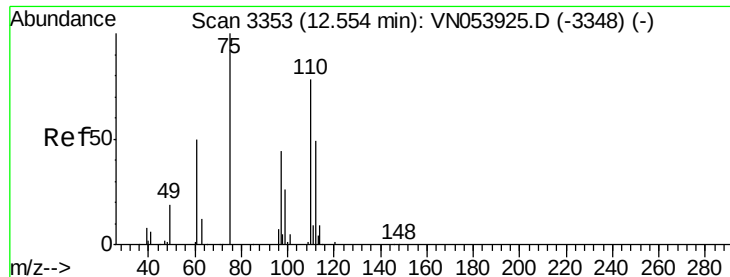
#74
 N-ethyl acetate
 Concen: 2.662 ug/l
 RT: 11.88 min Scan# 3142
 Delta R.T. -0.19 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tgt Ion: 43 Resp: 23334
 Ion Ratio Lower Upper
 43 100
 70 1.8 37.4 56.2#
 55 6.2 21.4 32.0#
 61 10.7 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

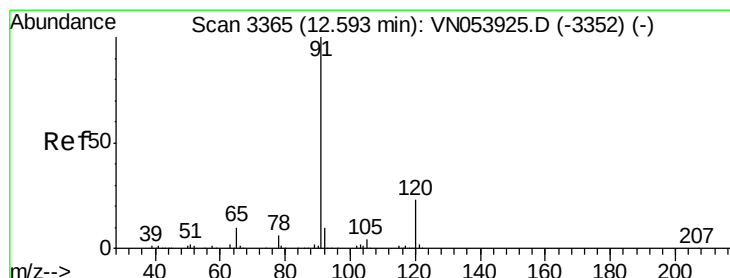
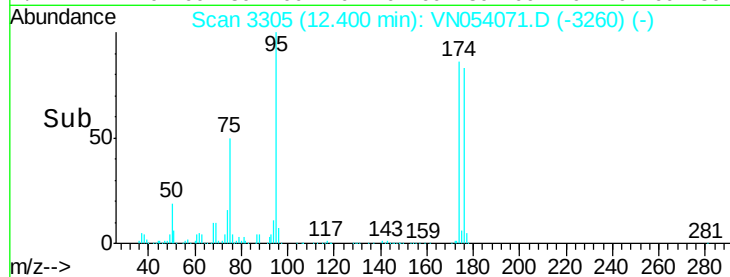
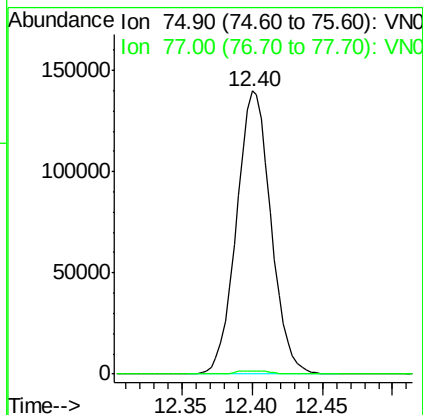
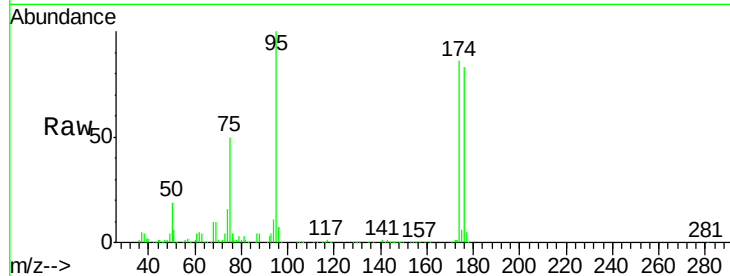




#76

1,2,3-Trichloropropane
 Concen: 34.690 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

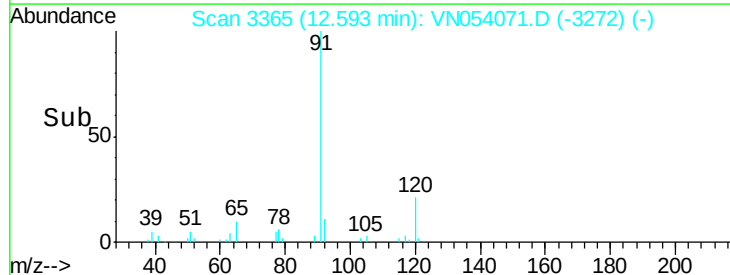
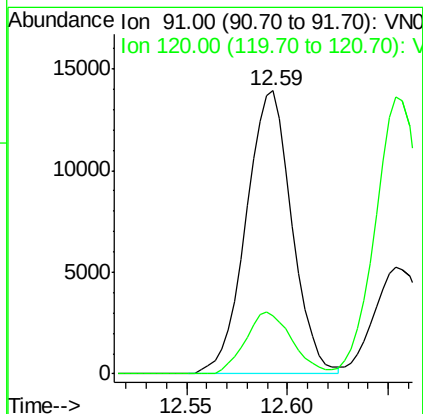
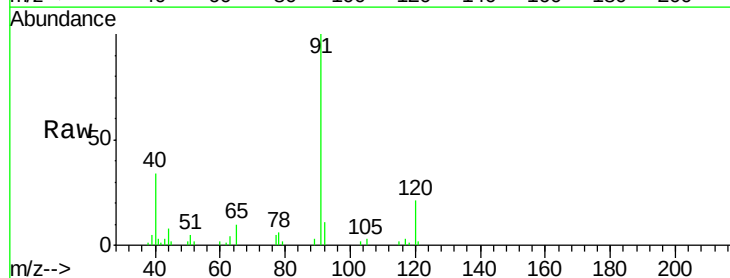
Tot Ion: 75 Resp: 239102
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

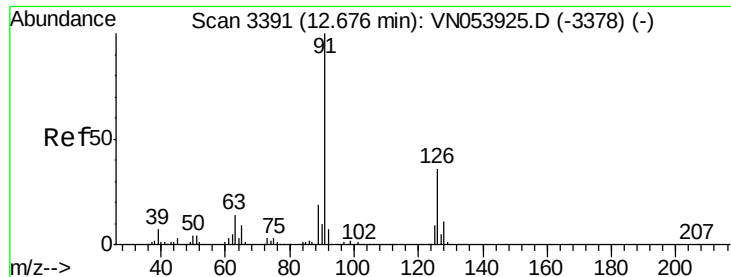


#78

n-propylbenzene
 Concen: 0.582 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tgt Ion: 91 Resp: 22135
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 0.368 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054071.D

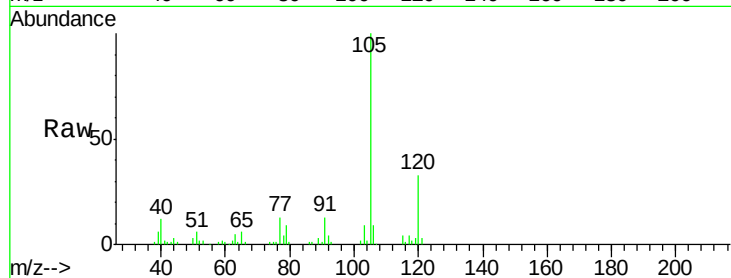
Acq: 4 Mar 2019 17:47

Tot Ion: 91 Resp: 8412

Ion Ratio Lower Upper

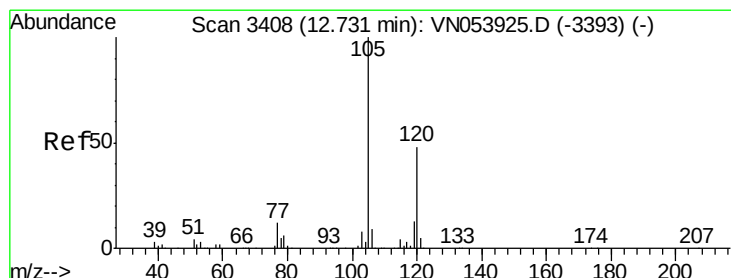
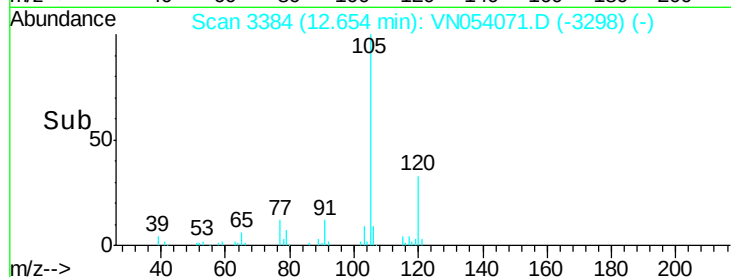
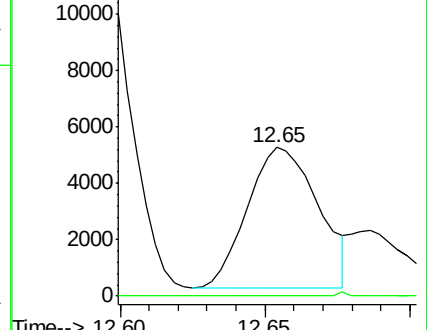
91 100

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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.775 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054071.D

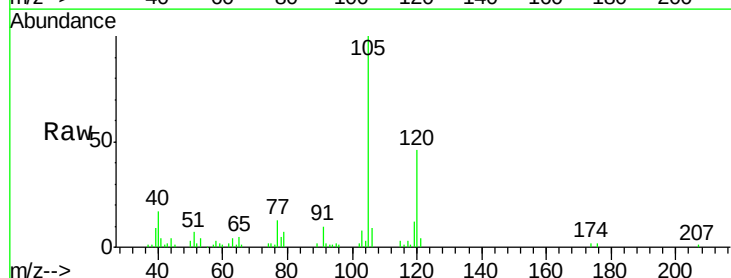
Acq: 4 Mar 2019 17:47

Tgt Ion: 105 Resp: 48589

Ion Ratio Lower Upper

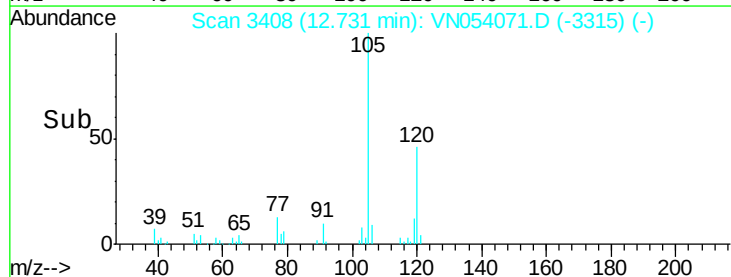
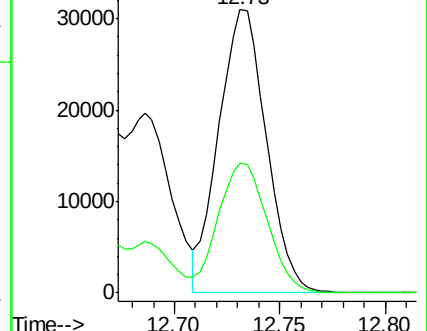
105 100

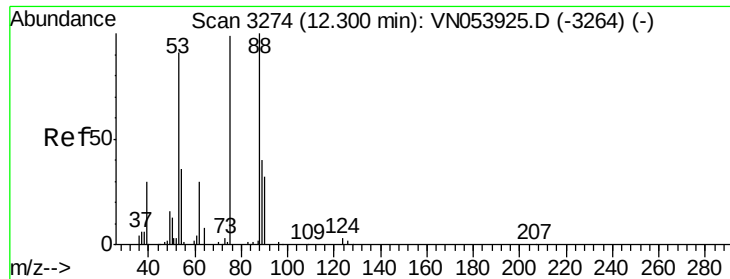
120 47.0 25.1 75.2



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 109.641 ug/l

RT: 12.40 min Scan# 3305

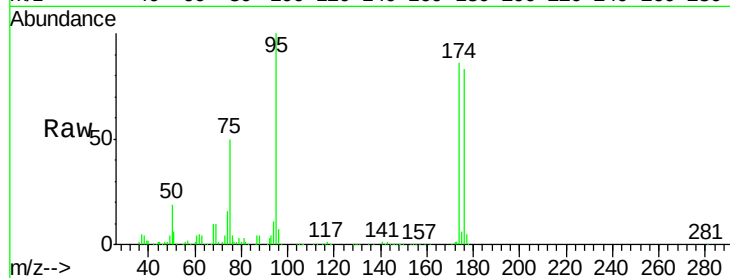
Delta R.T. 0.10 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tot Ion: 75 Resp: 239102

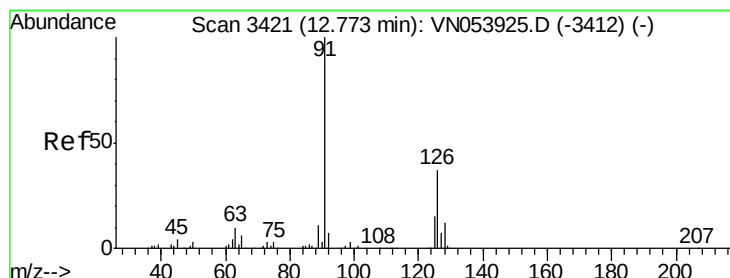
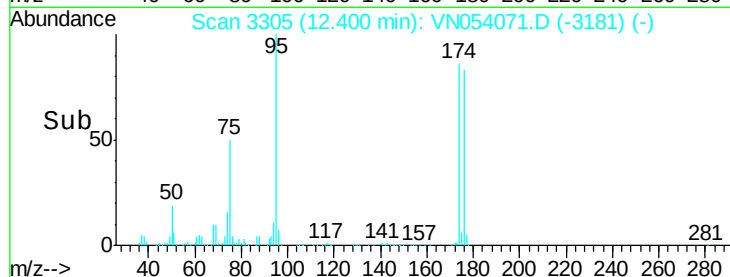
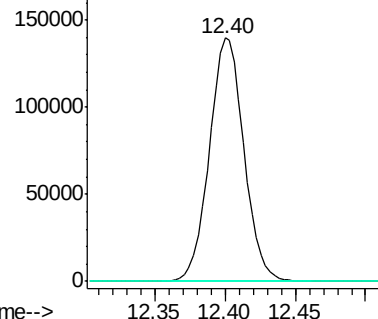
Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	0.0	35.3	52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.201 ug/l

RT: 12.73 min Scan# 3409

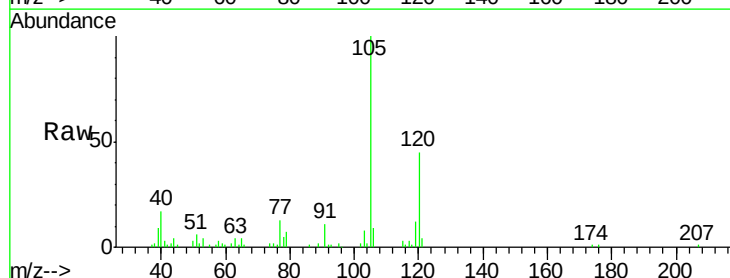
Delta R.T. -0.04 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

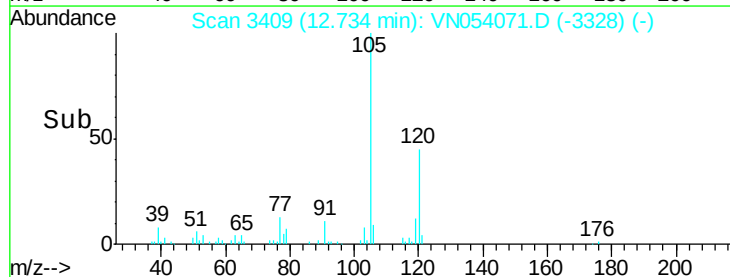
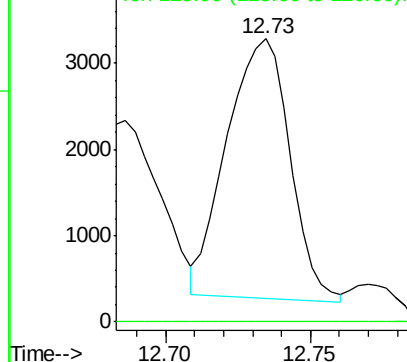
Tgt Ion: 91 Resp: 4532

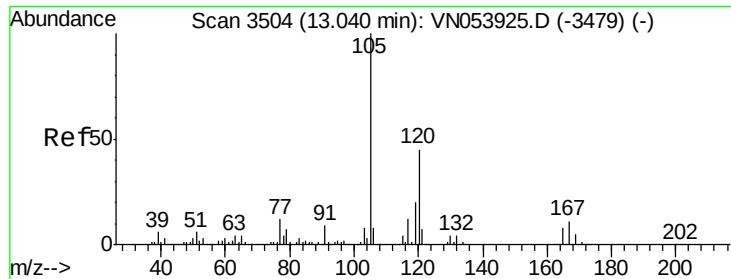
Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.0	54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

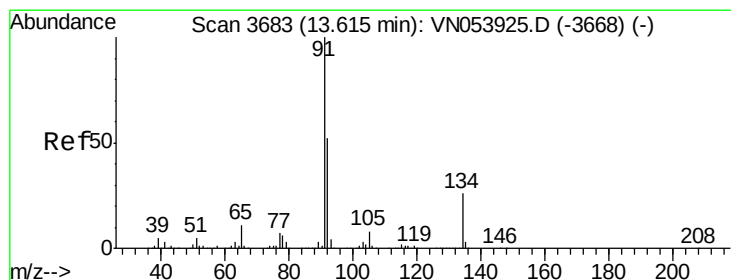
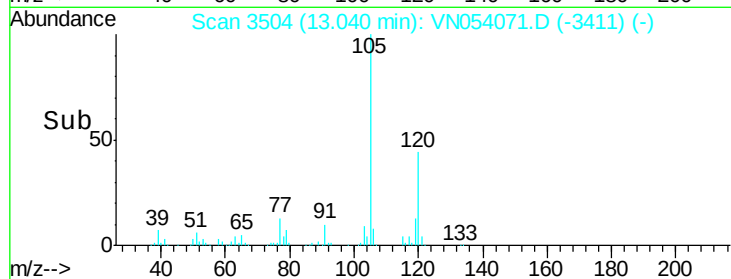
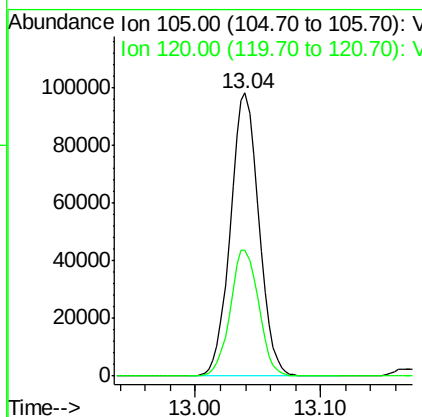
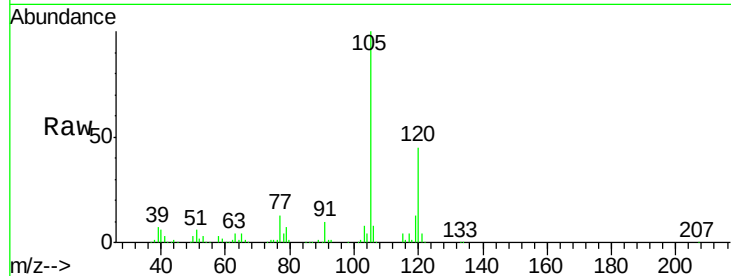
Ion 125.90 (125.60 to 126.60): V





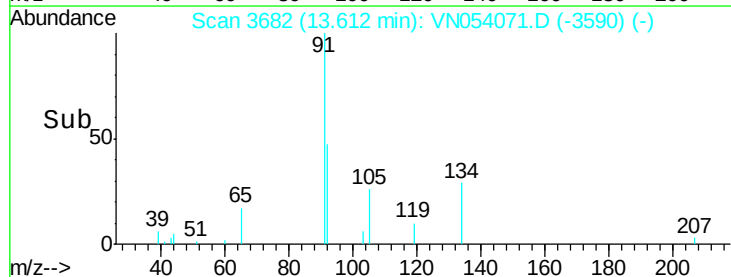
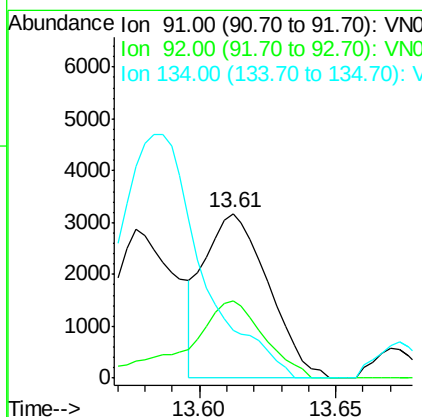
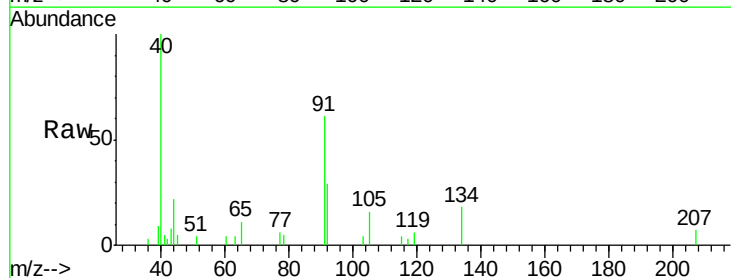
#84
 1,2,4-Trimethylbenzene
 Concen: 5.654 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

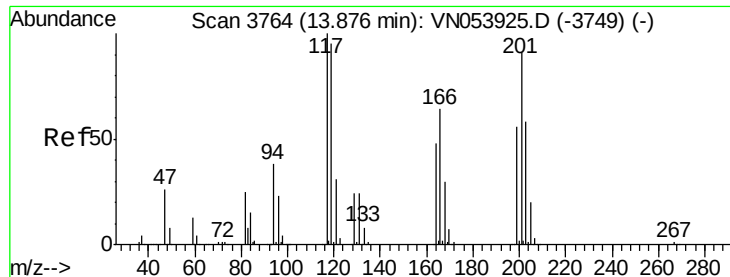
Tot Ion:105 Resp: 154562
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.2 69.5



#89
 n-Butylbenzene
 Concen: 0.219 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tgt Ion: 91 Resp: 5169
 Ion Ratio Lower Upper
 91 100
 92 55.1 26.1 78.2
 134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 0.470 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054071.D

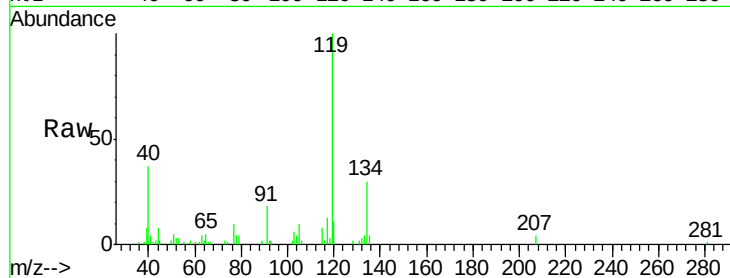
Acq: 4 Mar 2019 17:47

Tot Ion:117 Resp: 2545

Ion Ratio Lower Upper

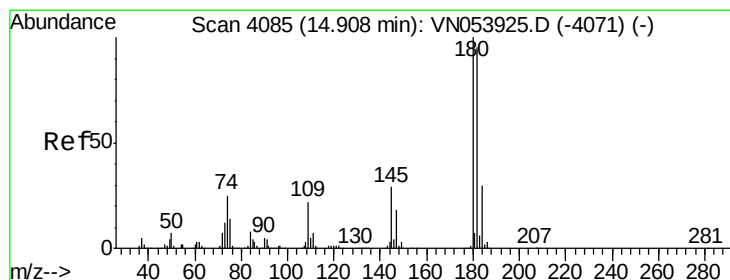
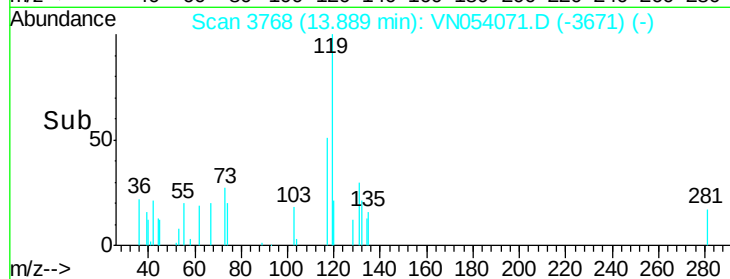
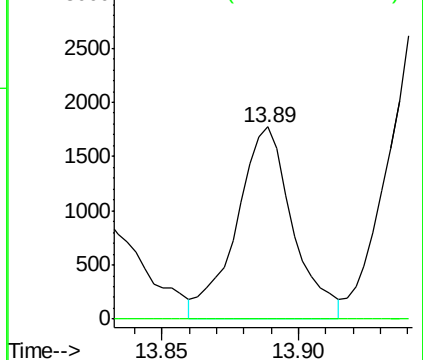
117 100

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: 2.256 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

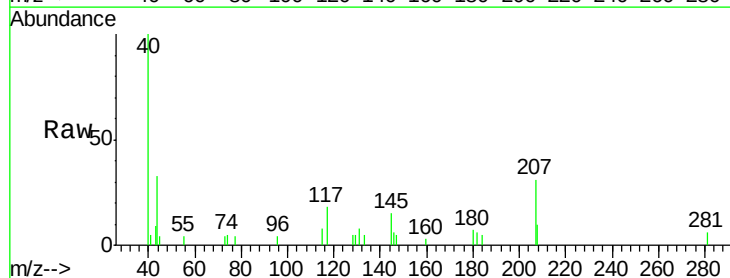
Tgt Ion:180 Resp: 275

Ion Ratio Lower Upper

180 100

182 163.3 48.6 145.9#

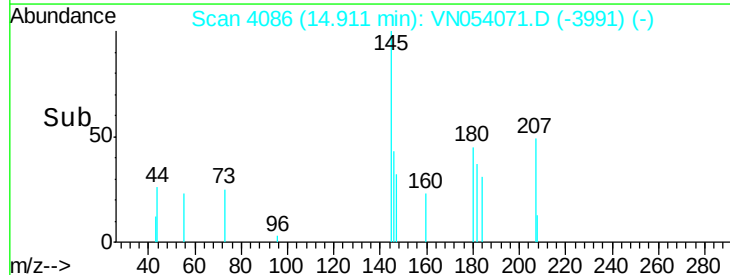
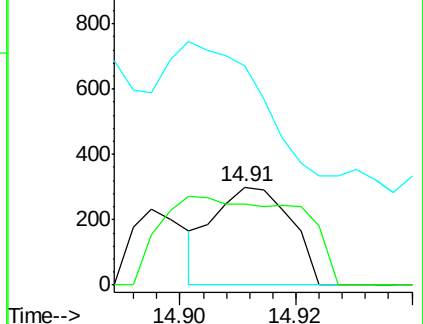
145 212.7 13.8 41.3#

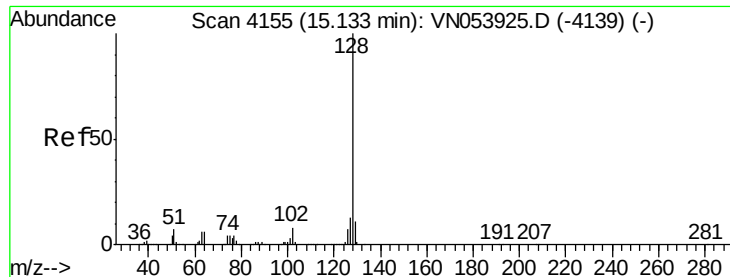


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.572 ug/l

RT: 15.13 min Scan# 4155

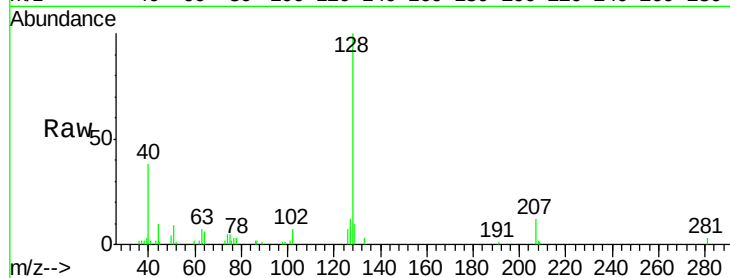
Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tot Ion:128 Resp: 24727

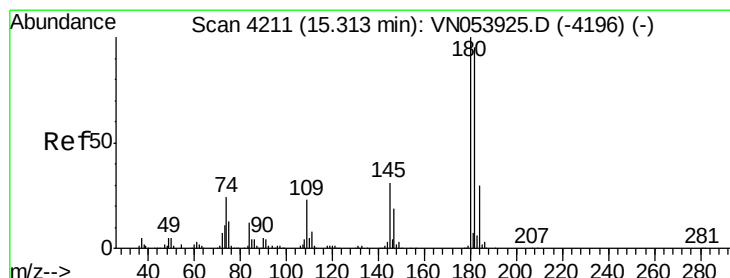
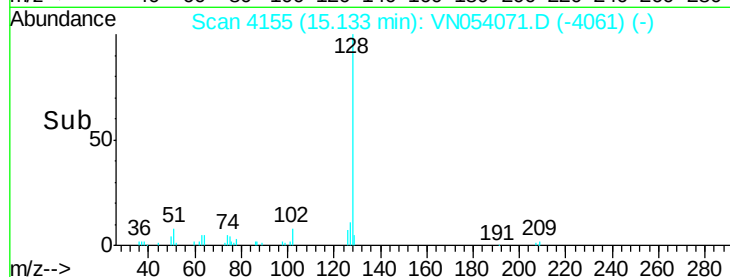
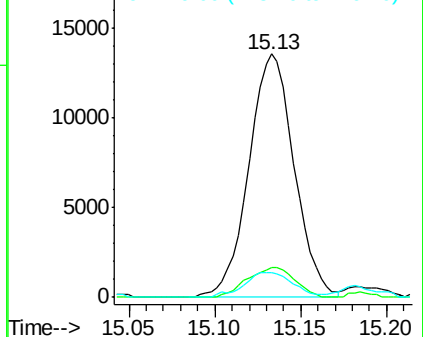
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8



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: 1.595 ug/l

RT: 15.31 min Scan# 4210

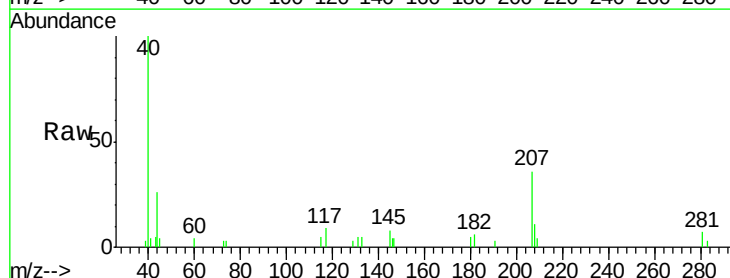
Delta R.T. -0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tgt Ion:180 Resp: 287

Ion	Ratio	Lower	Upper
180	100		
182	166.9	47.3	141.8#
145	0.0	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

