

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053914.D
 Acq On : 22 Feb 2019 14:25
 Operator : JC/SP
 Sample : K1345-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 22:14:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1060376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1006467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406072	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	333241	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
35) Dibromofluoromethane	7.59	113	330734	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	1305008	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	434377	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	113	0.406	ug/l #	14
14) Allyl chloride	4.55	41	19428	2.265	ug/l #	26
16) Acetone	3.82	43	23457	13.667	ug/l	97
18) Methyl Acetate	4.33	43	3715	0.917	ug/l #	80
20) Methylene Chloride	4.55	84	537876	83.710	ug/l	99
25) 2-Butanone	6.85	43	2326	1.050	ug/l #	47
29) Tetrahydrofuran	7.22	42	977	0.682	ug/l #	54
31) Cyclohexane	7.67	56	8586	0.331	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	35968	3.701	ug/l #	48
37) Ethyl Acetate	6.92	43	452	0.296	ug/l #	67
38) Carbon Tetrachloride	7.67	117	51188	5.272	ug/l #	16
41) Methacrylonitrile	7.19	41	72	Below Cal	#	100
43) Isopropyl Acetate	8.17	43	29775	2.872	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1808	0.246	ug/l #	44
48) Methyl methacrylate	9.18	41	8608	1.937	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	7387	7.872	ug/l #	34
52) Toluene	10.16	92	8147	0.478	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	61020	5.722	ug/l #	63
56) Ethyl methacrylate	10.54	69	1248	2.614	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	11694	1.116	ug/l #	43
59) 2-Hexanone	10.76	43	151318	46.521	ug/l #	49
67) Ethyl Benzene	11.51	91	186696	5.476	ug/l	99
68) m/p-Xylenes	11.62	106	366681	27.776	ug/l	100
69) o-Xylene	11.95	106	169679	13.351	ug/l	98
70) Styrene	11.95	104	11807	0.592	ug/l #	1
71) Bromoform	12.40	173	3163	0.580	ug/l #	1
73) Isopropylbenzene	12.25	105	9886	0.346	ug/l	95
74) N-amyl acetate	11.88	43	16410	2.498	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	200873	33.697	ug/l #	100
78) n-propylbenzene	12.59	91	58139	1.817	ug/l	98
79) 2-Chlorotoluene	12.65	91	40145	2.081	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	236584	9.963	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	200873	111.243	ug/l #	15
82) 4-Chlorotoluene	12.73	91	22912	1.192	ug/l #	39

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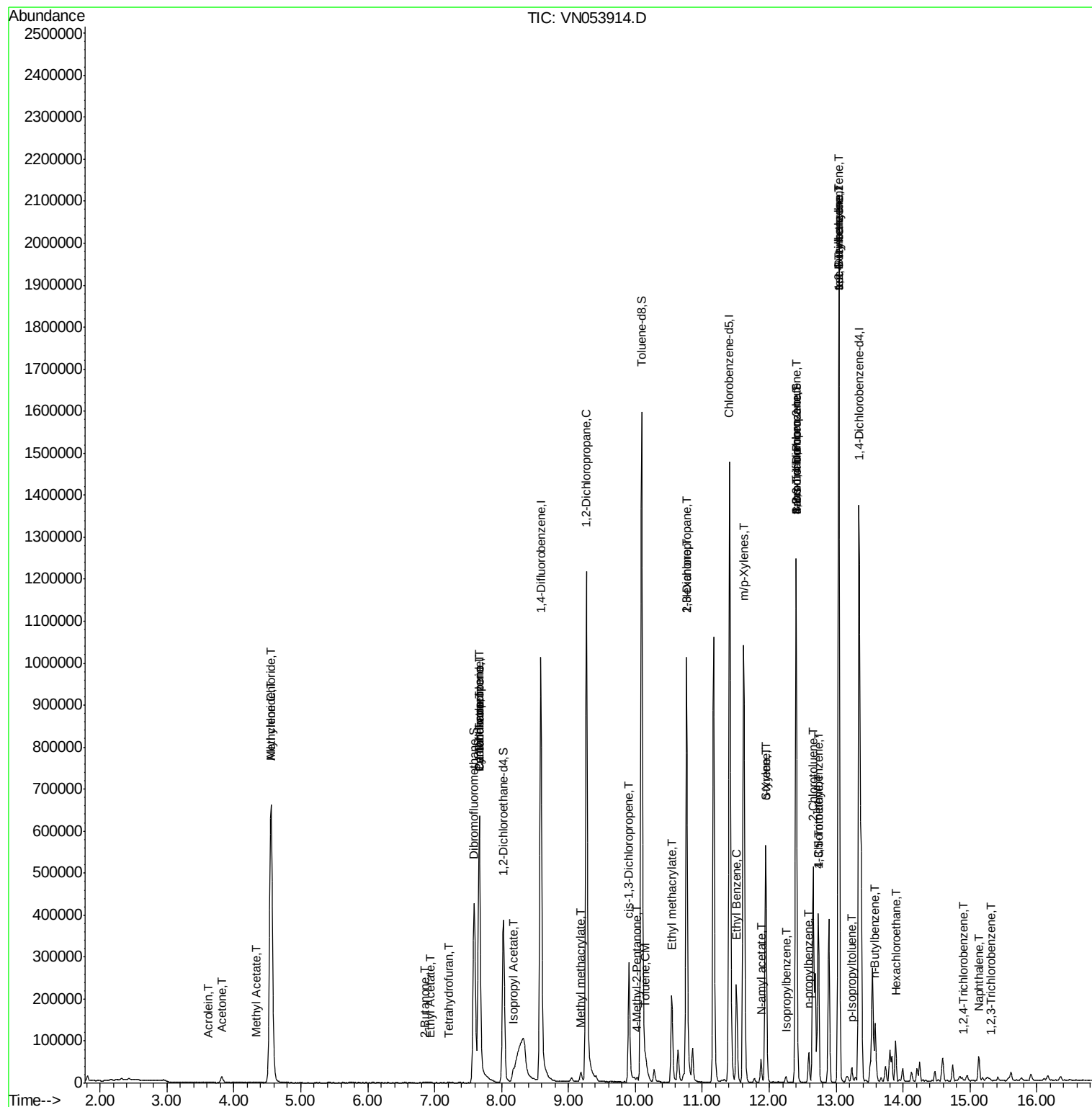
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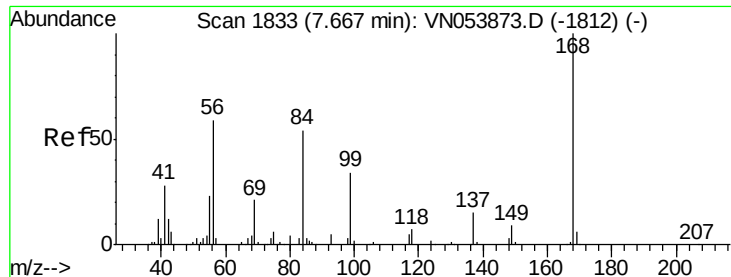
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	153771	7.212	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	1227853	51.556	ug/l	99
85) sec-Butylbenzene	13.04	105	1227853	42.770	ug/l #	56
86) p-Isopropyltoluene	13.23	119	20377	0.818	ug/l	98
89) n-Butylbenzene	13.58	91	6310	0.308	ug/l #	1
90) Hexachloroethane	13.89	117	5285	1.110	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	281	2.960	ug/l #	11
95) Naphthalene	15.13	128	54900	7.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	106	2.577	ug/l #	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053914.D

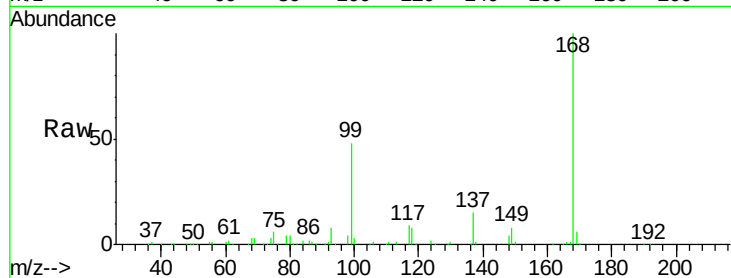
Acq: 22 Feb 2019 14:25

Tot Ion:168 Resp: 610634

Ion Ratio Lower Upper

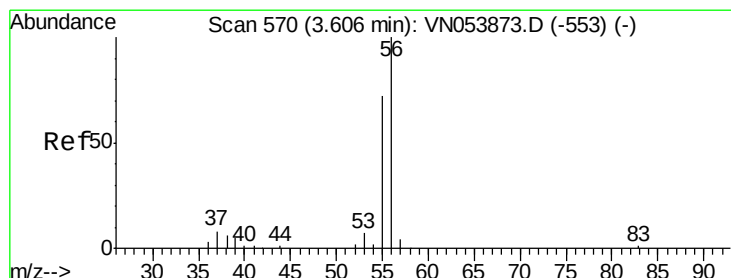
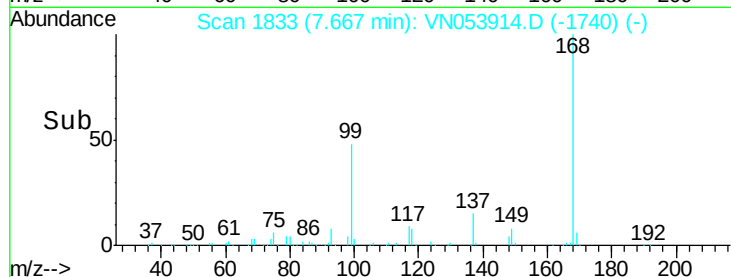
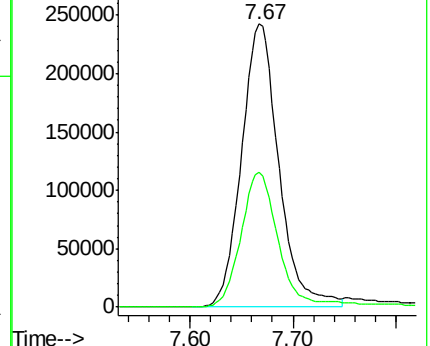
168 100

99 47.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#13

Acrolein

Concen: 0.406 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053914.D

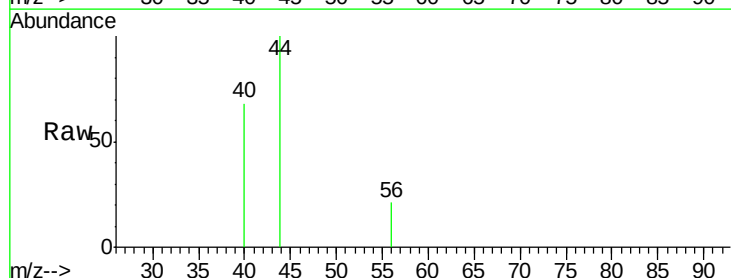
Acq: 22 Feb 2019 14:25

Tgt Ion: 56 Resp: 113

Ion Ratio Lower Upper

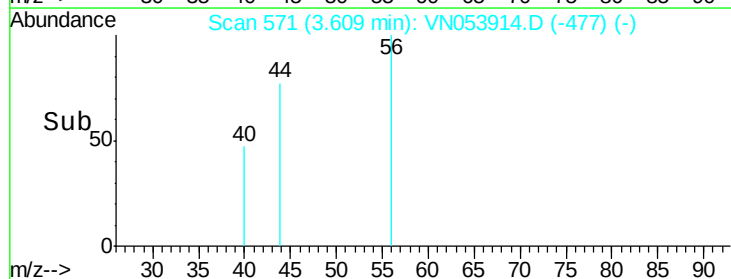
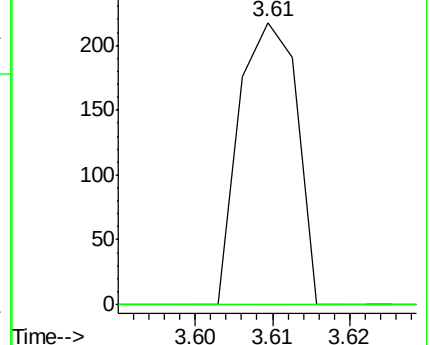
56 100

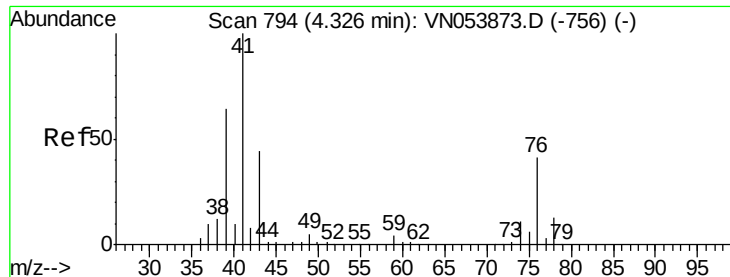
55 0.0 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO





#14

Allvl chloride

Concen: 2.265 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

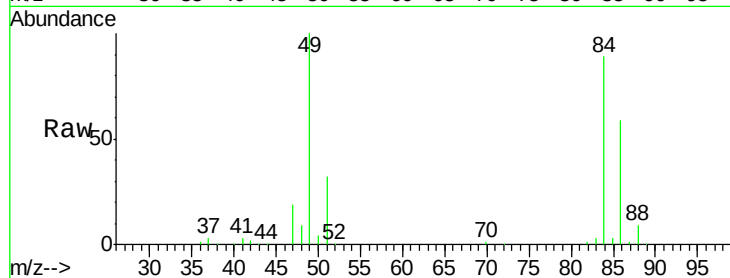
Tot Ion: 41 Resp: 19428

Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

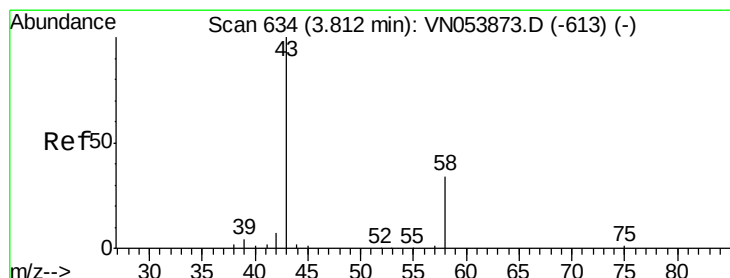
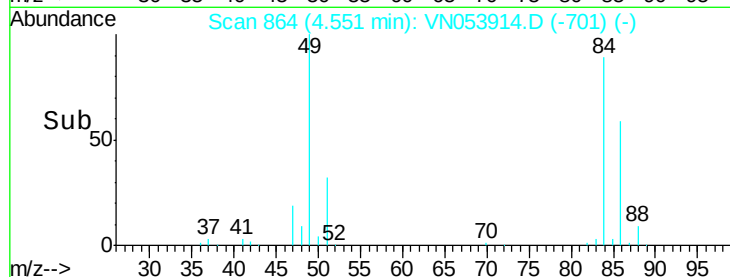
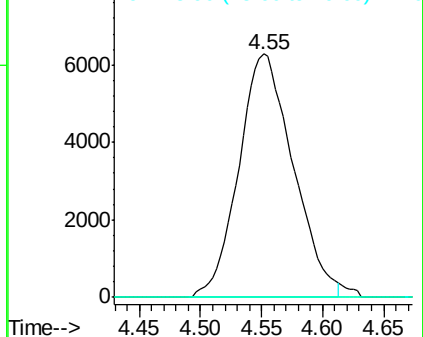
76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 13.667 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053914.D

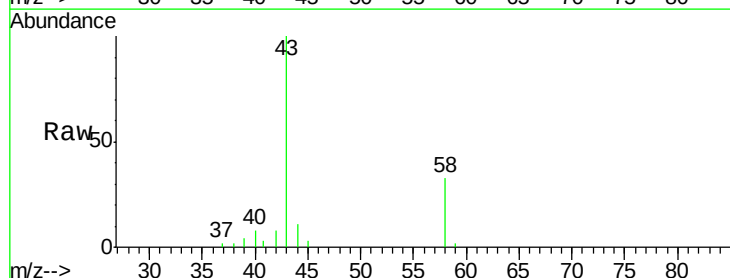
Acq: 22 Feb 2019 14:25

Tgt Ion: 43 Resp: 23457

Ion Ratio Lower Upper

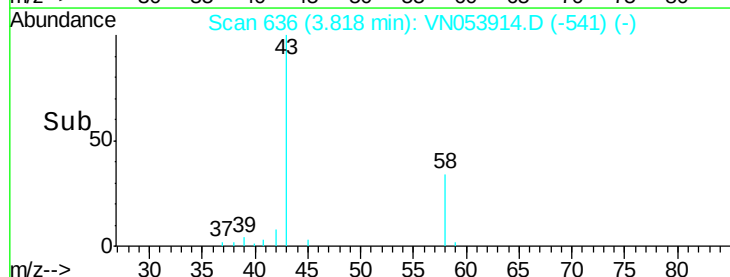
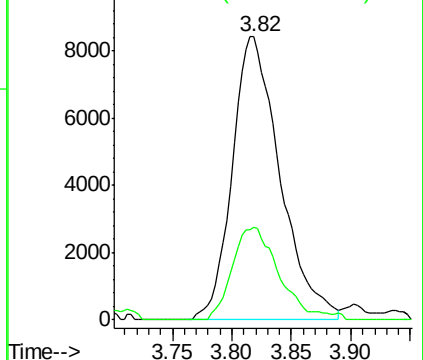
43 100

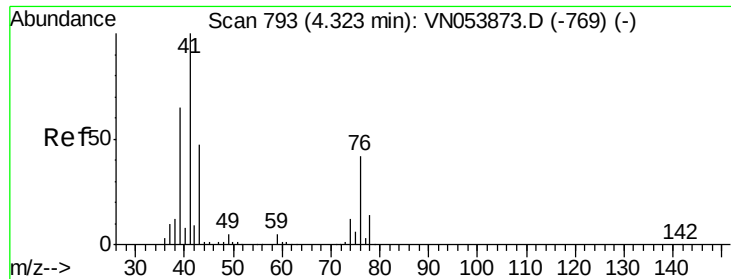
58 32.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

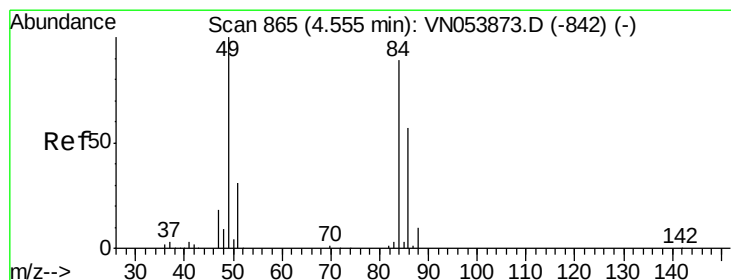
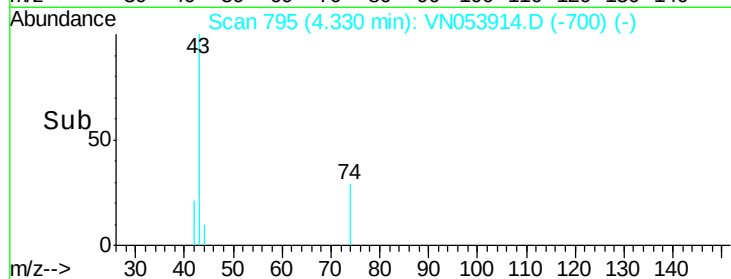
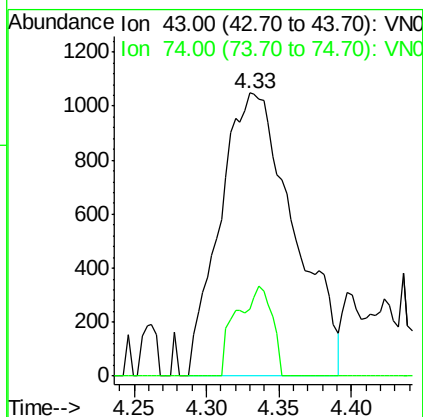
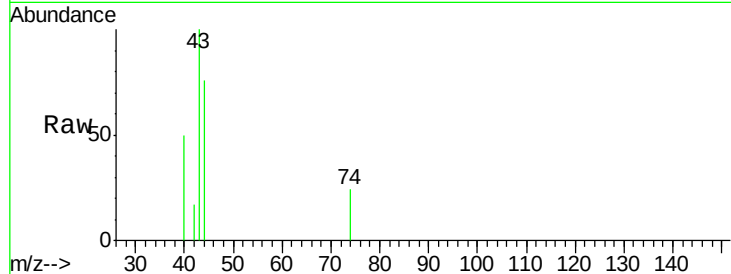
Ion 58.00 (57.70 to 58.70): VN0





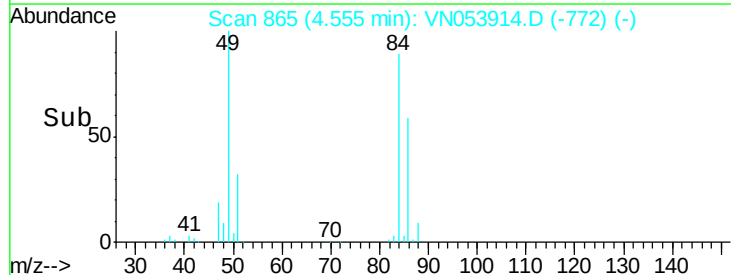
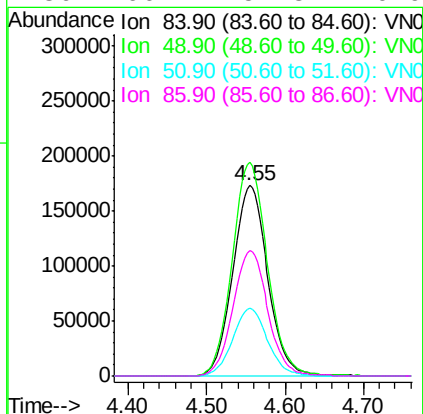
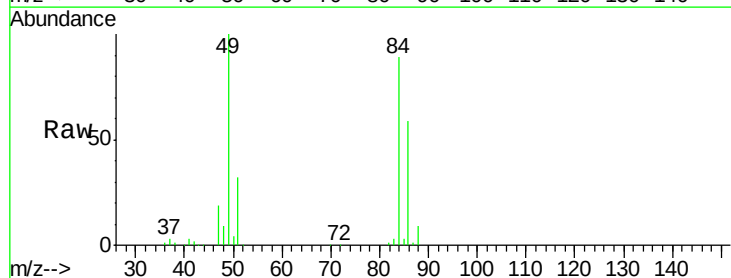
#18
Methyl Acetate
Concen: 0.917 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

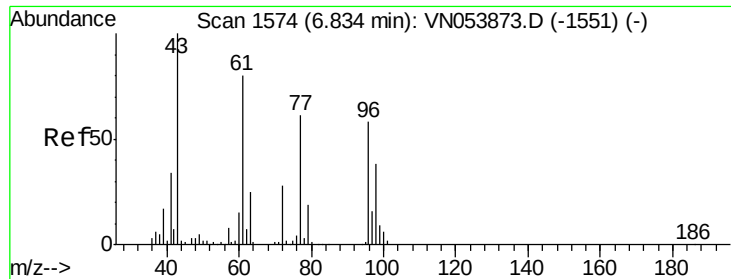
Tot Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
74 15.3 20.5 30.7#



#20
Methylene Chloride
Concen: 83.710 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

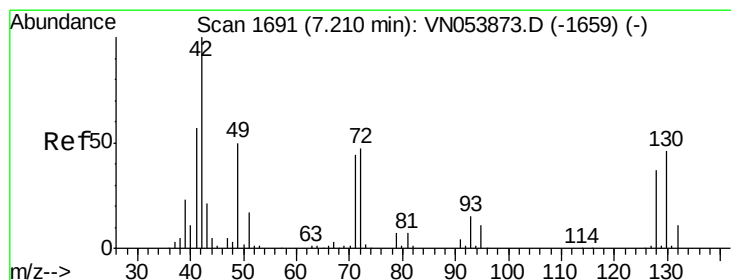
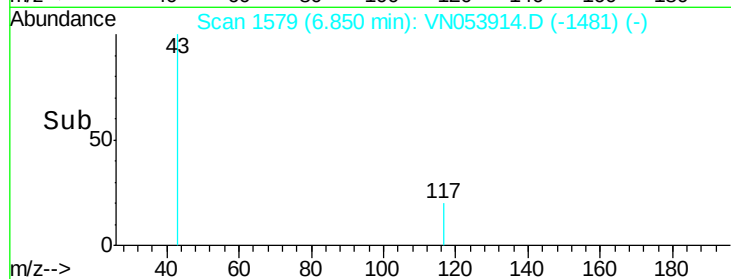
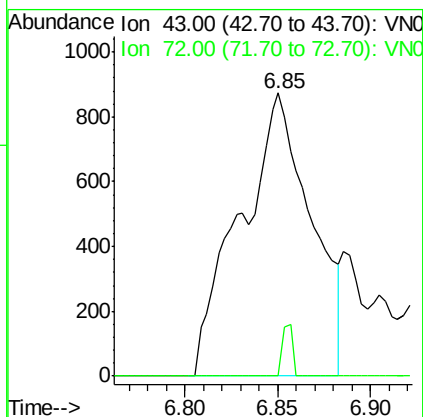
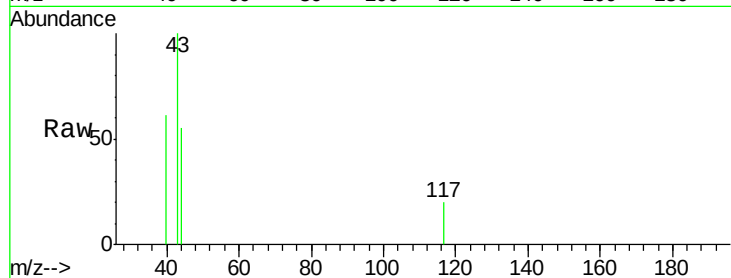
Tgt Ion: 84 Resp: 537876
Ion Ratio Lower Upper
84 100
49 112.3 89.7 134.5
51 35.6 27.8 41.8
86 66.1 51.3 76.9





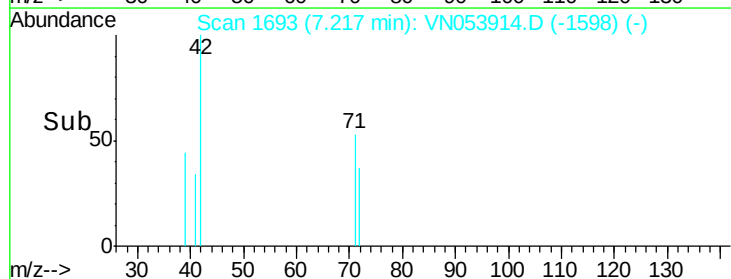
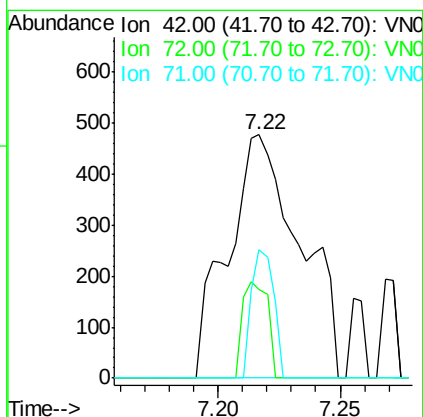
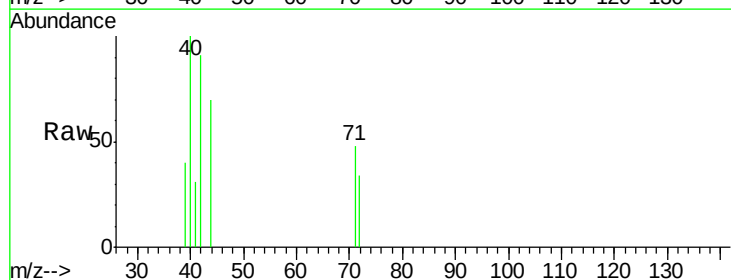
#25
 2-Butanone
 Concen: 1.050 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.02 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

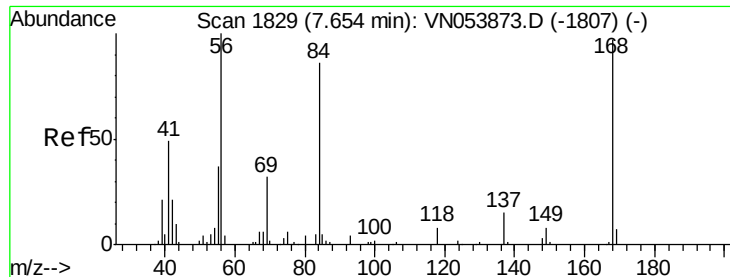
Tot Ion: 43 Resp: 2326
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.1 33.1#



#29
 Tetrahydrofuran
 Concen: 0.682 ug/l
 RT: 7.22 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

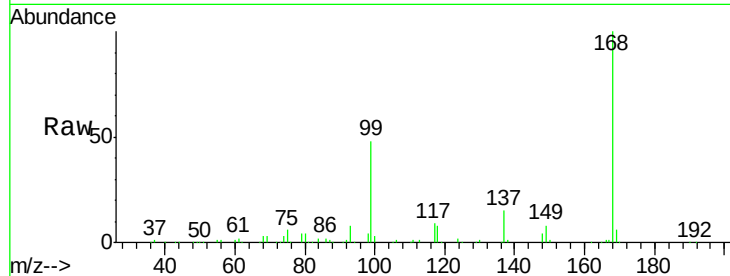
Tgt Ion: 42 Resp: 977
 Ion Ratio Lower Upper
 42 100
 72 13.5 36.9 55.3#
 71 16.0 34.6 52.0#



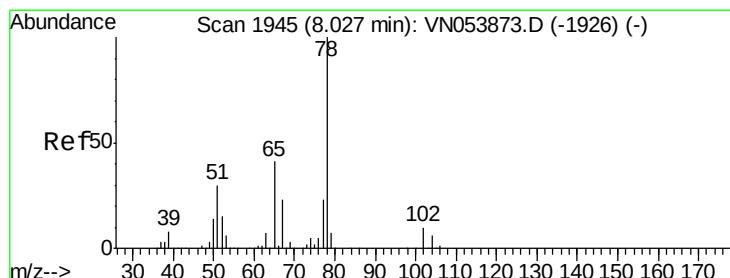
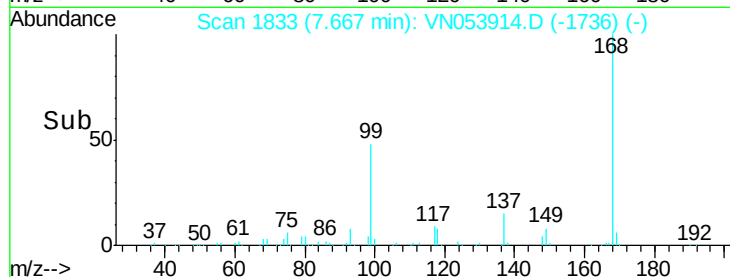
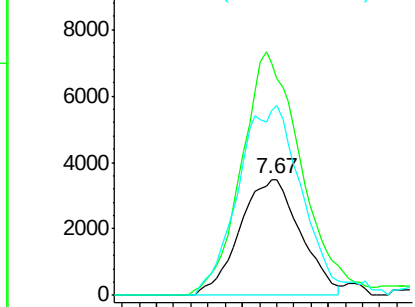


#31
Cyclohexane
Concen: 0.331 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion: 56 Resp: 8586
Ion Ratio Lower Upper
56 100
69 200.1 26.0 39.0#
84 159.3 69.1 103.7#

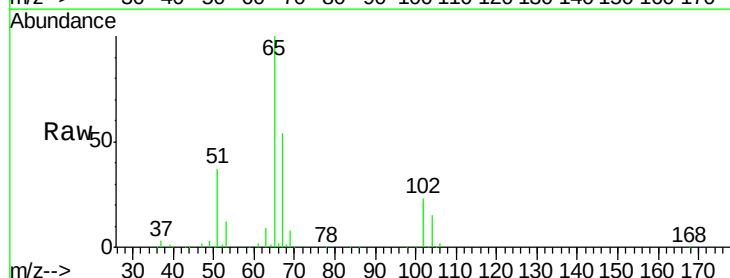


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

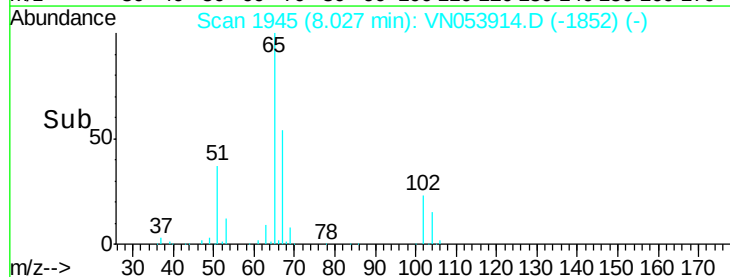
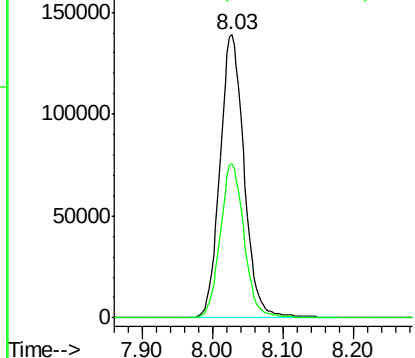


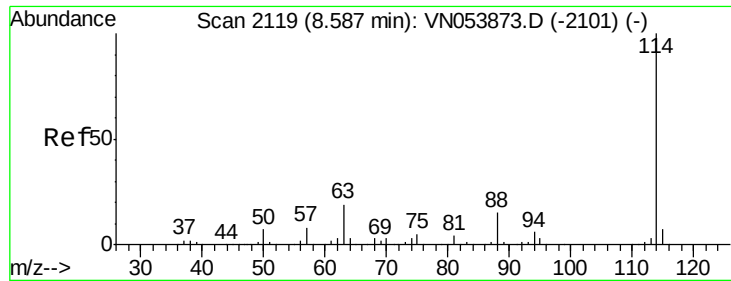
#33
1,2-Dichloroethane-d4
Concen: 53.399 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion: 65 Resp: 333241
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.8



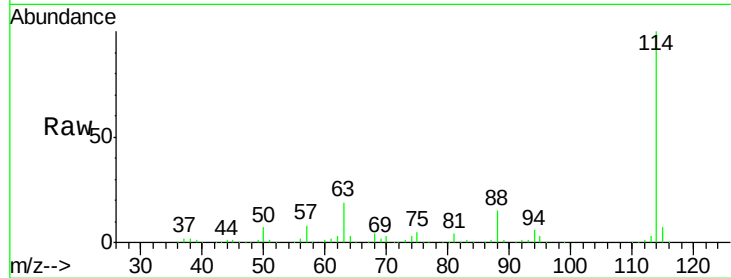
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



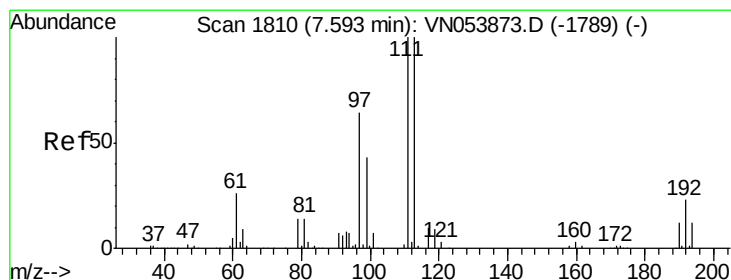
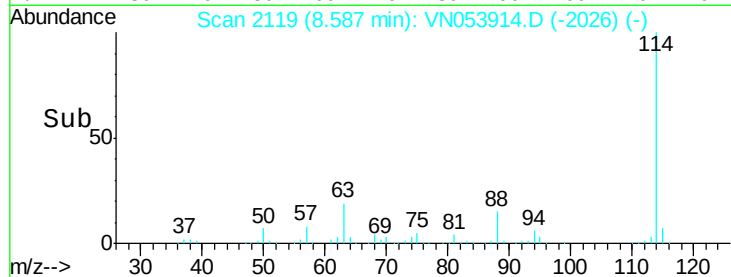
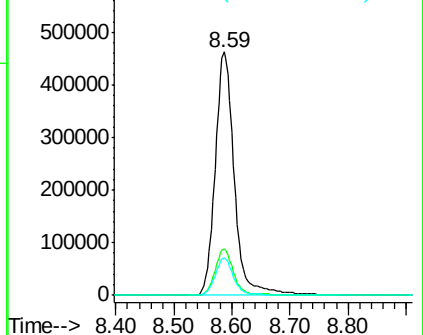


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion:114 Resp: 1060376
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 15.2 0.0 30.4

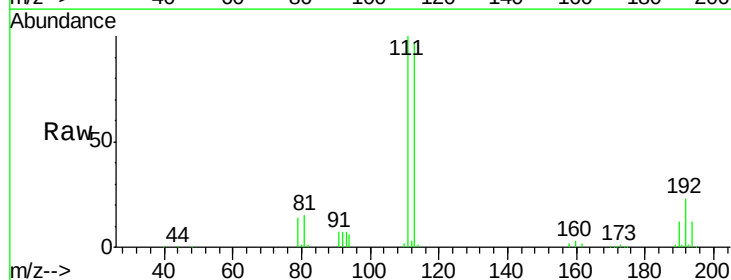


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

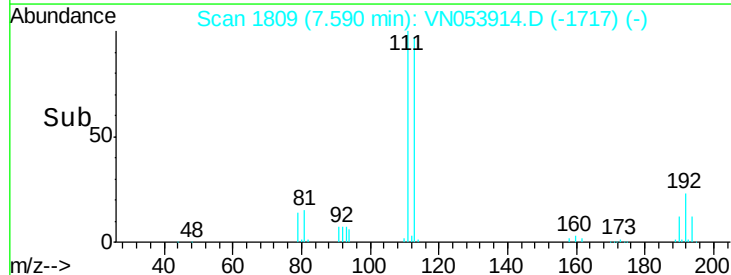
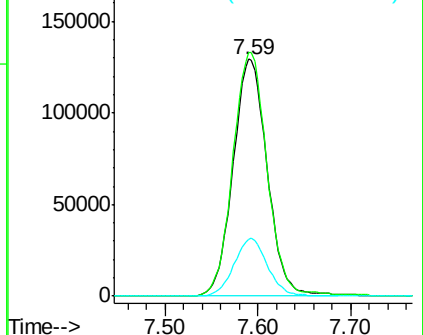


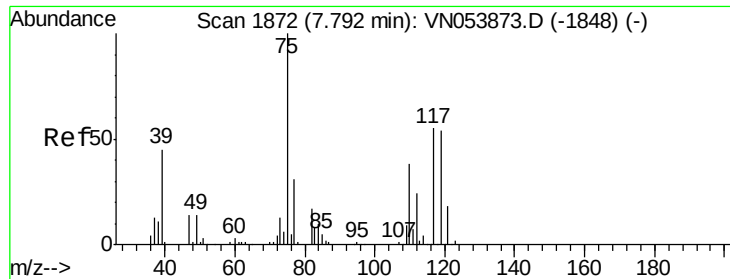
#35
Dibromofluoromethane
Concen: 47.526 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion:113 Resp: 330734
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 23.8 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: 3.701 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

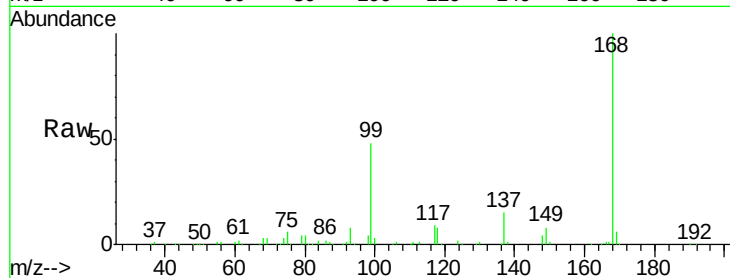
Tot Ion: 75 Resp: 35968

Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

77 0.0 25.4 38.0#

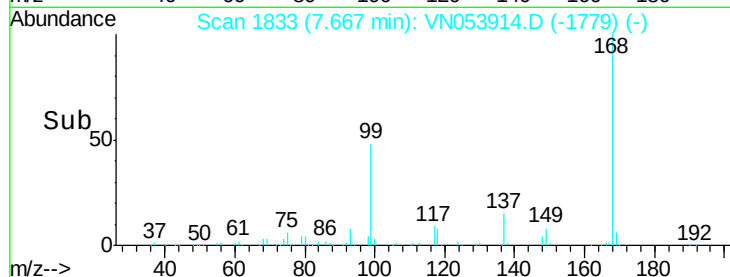


Abundance Ion 74.90 (74.60 to 75.60): VN053873.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN053873.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN053873.D (-1848) (-)

Time-->

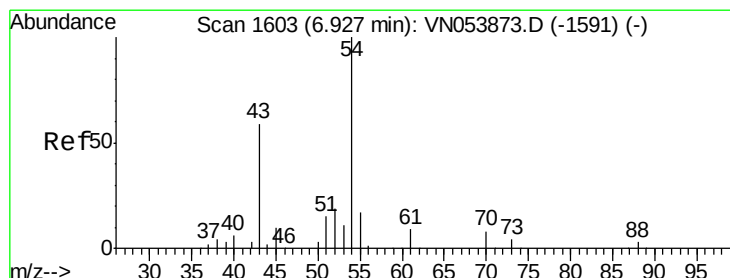


Abundance Ion 74.90 (74.60 to 75.60): VN053914.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053914.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053914.D (-1779) (-)

Time-->



#37

Ethyl Acetate

Concen: 0.296 ug/l

RT: 6.92 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

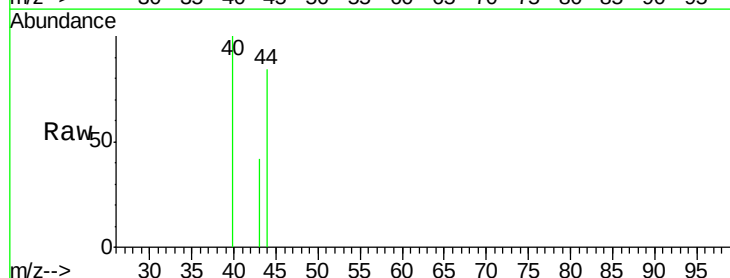
Tgt Ion: 43 Resp: 452

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 0.0 8.7 13.1#

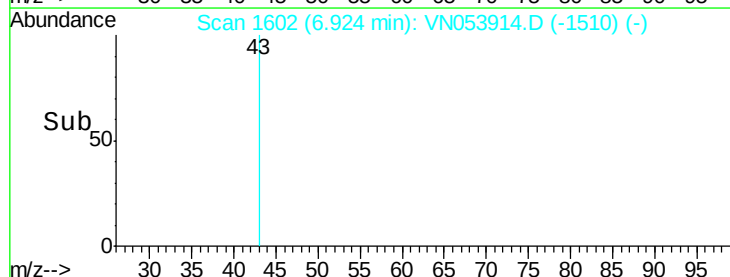


Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1591) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1591) (-)

Ion 70.00 (69.70 to 70.70): VN053873.D (-1591) (-)

Time-->

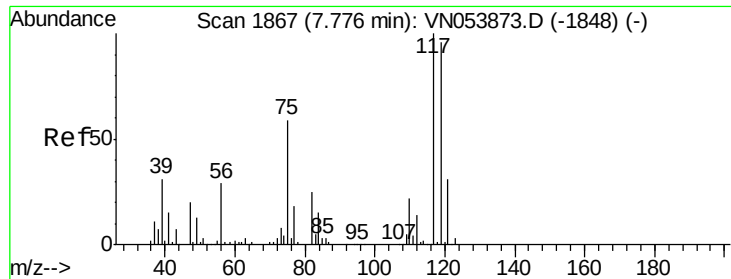


Abundance Ion 43.00 (42.70 to 43.70): VN053914.D (-1510) (-)

Ion 60.90 (60.60 to 61.60): VN053914.D (-1510) (-)

Ion 70.00 (69.70 to 70.70): VN053914.D (-1510) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.272 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

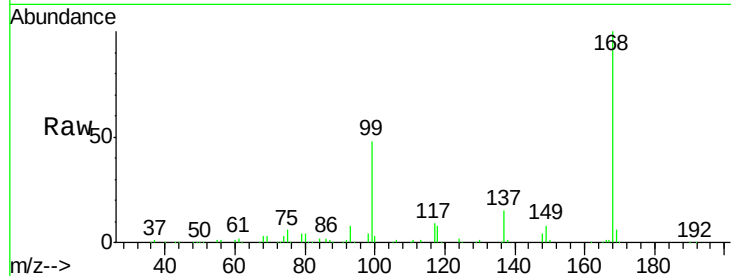
Tot Ion: 117 Resp: 51188

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

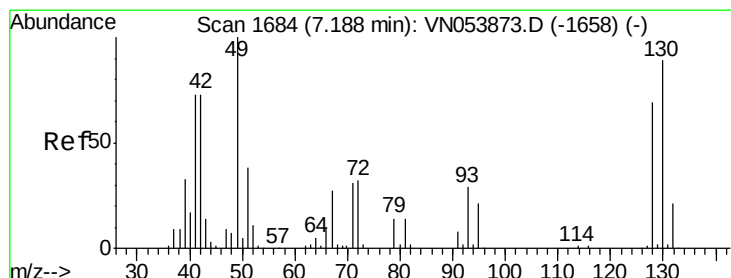
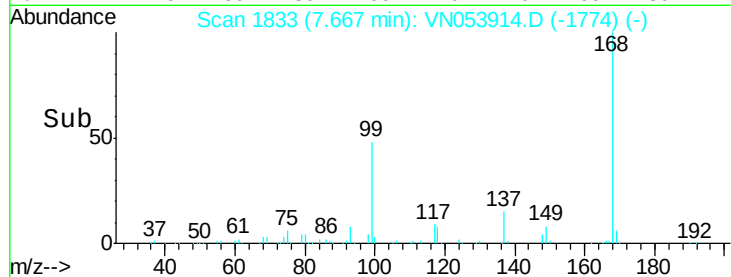
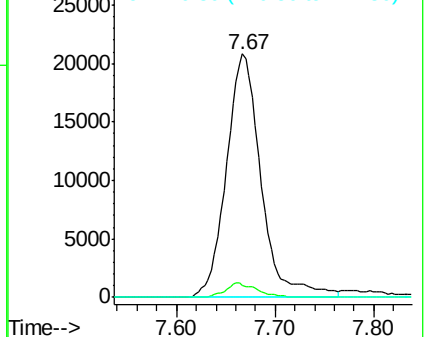
121 0.0 24.6 36.8#



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



#41

Methacrylonitrile

Concen: Below Cal

RT: 7.19 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

Tgt Ion: 41 Resp: 72

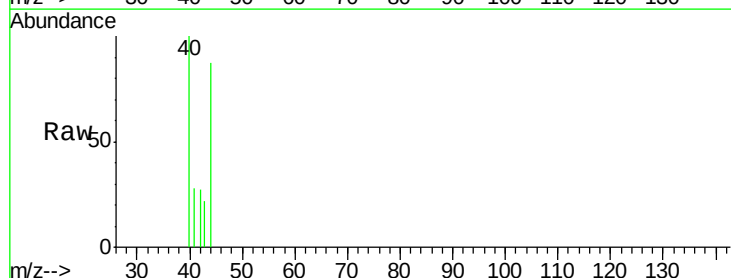
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

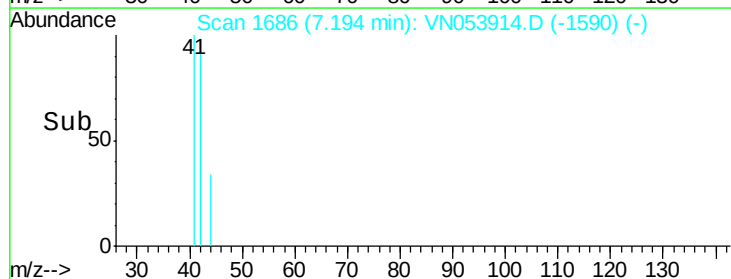
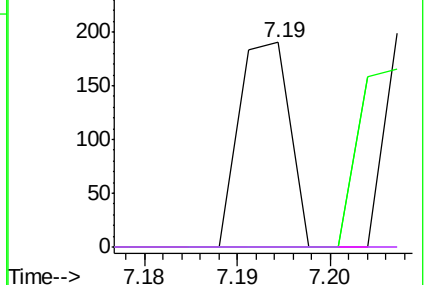


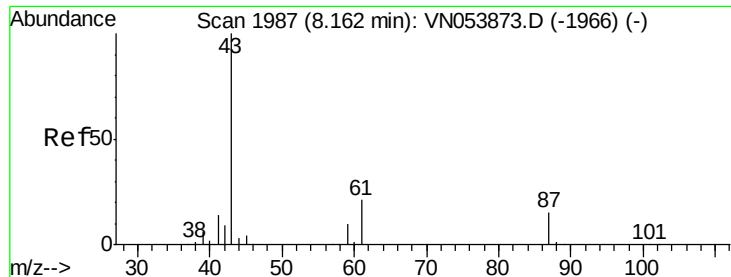
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.872 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

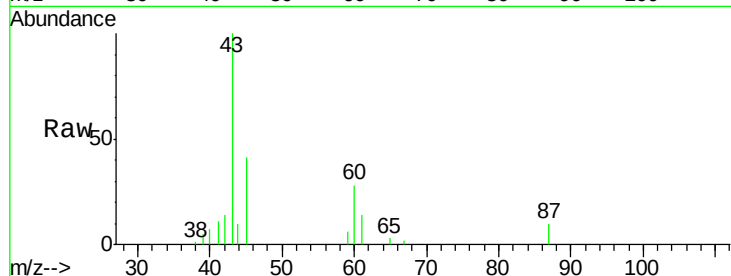
Tot Ion: 43 Resp: 29775

Ion Ratio Lower Upper

43 100

61 15.3 17.4 26.0#

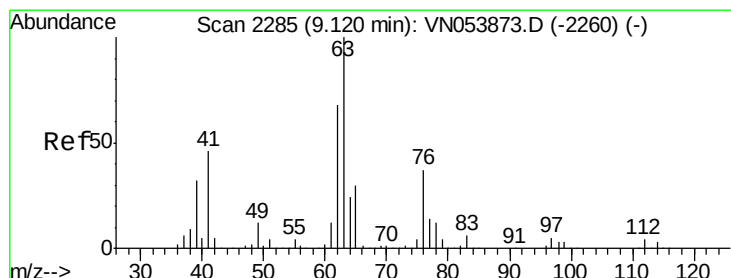
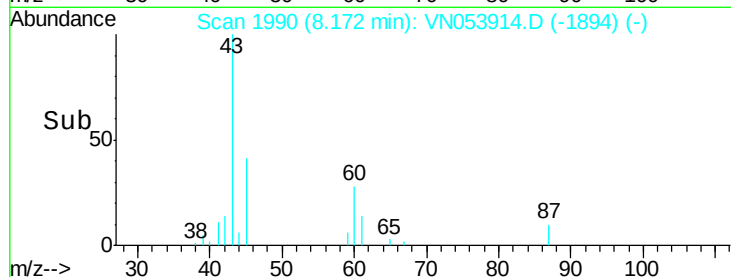
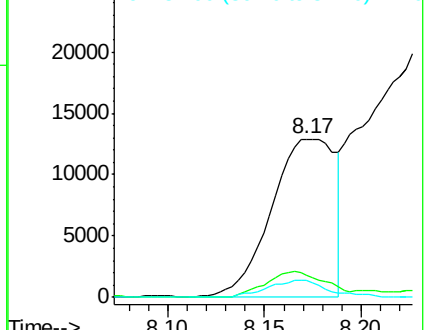
87 10.1 11.5 17.3#



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: 0.246 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053914.D

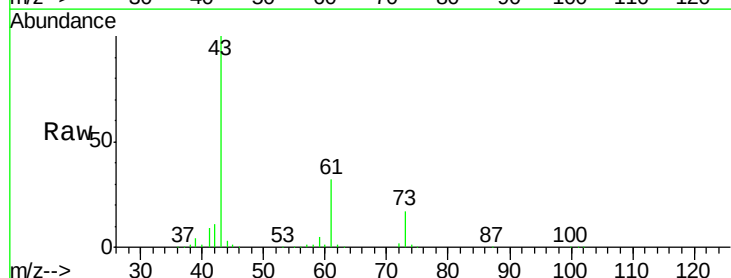
Acq: 22 Feb 2019 14:25

Tgt Ion: 63 Resp: 1808

Ion Ratio Lower Upper

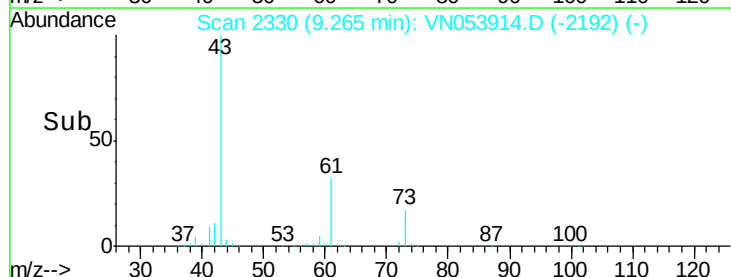
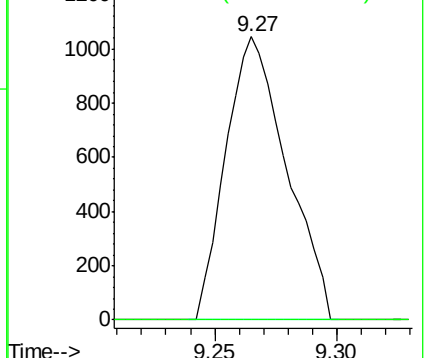
63 100

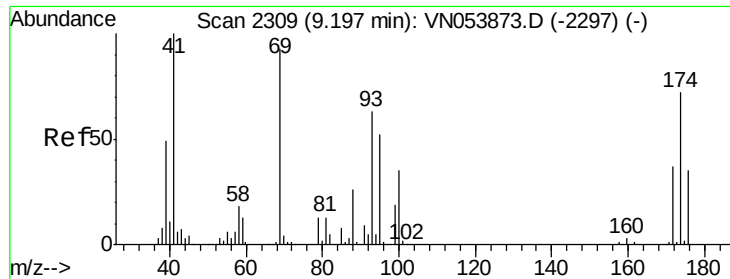
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

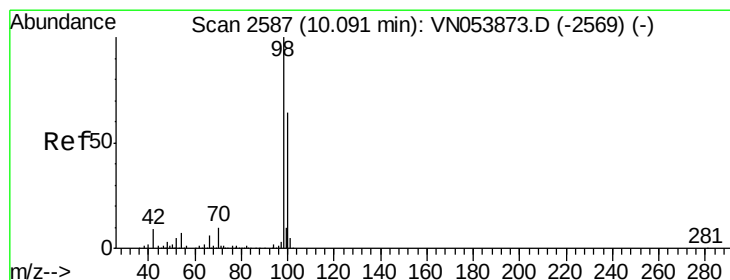
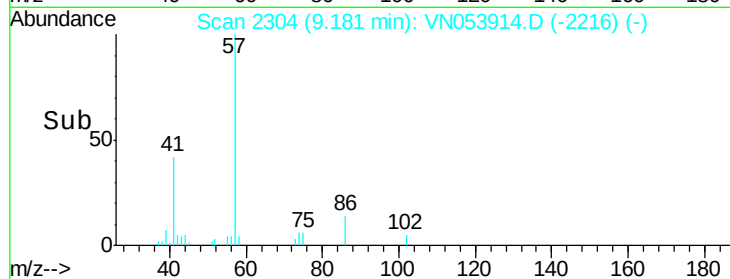
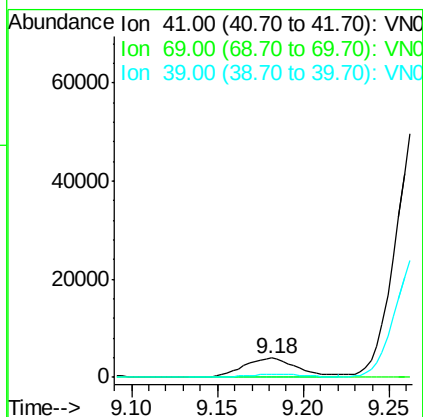
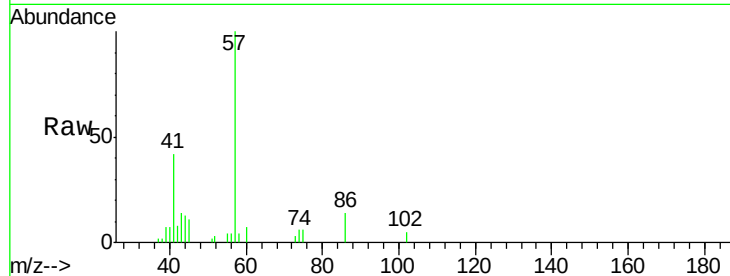
Ion 64.90 (64.60 to 65.60): VN0





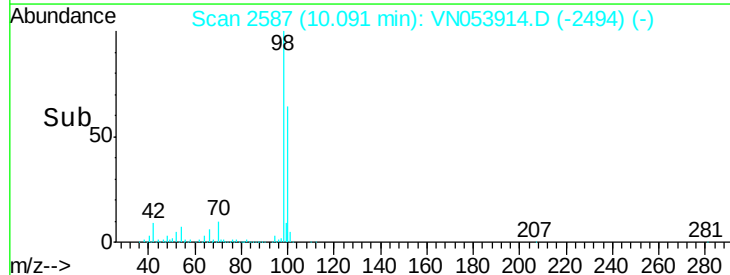
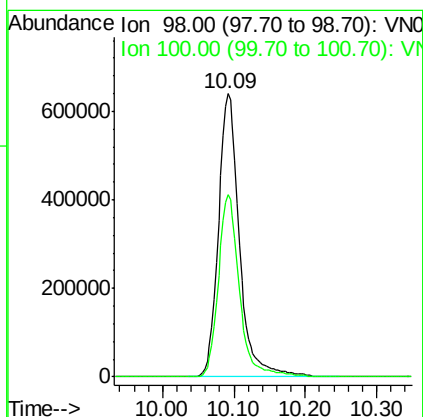
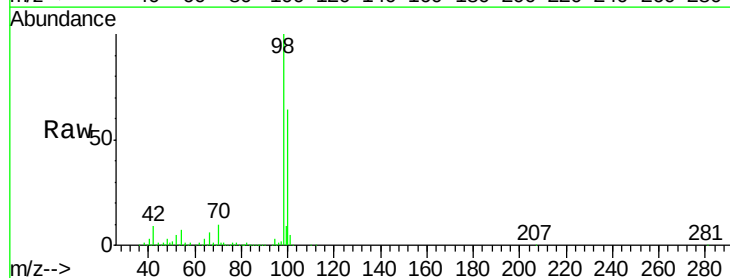
#48
Methvl methacrylate
Concen: 1.937 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

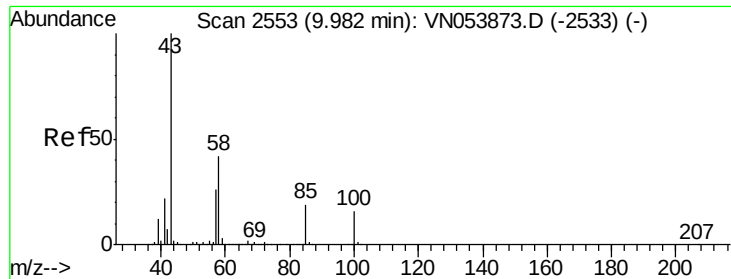
Tot Ion: 41 Resp: 8608
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 0.0 39.0 58.6#



#50
Toluene-d8
Concen: 51.921 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

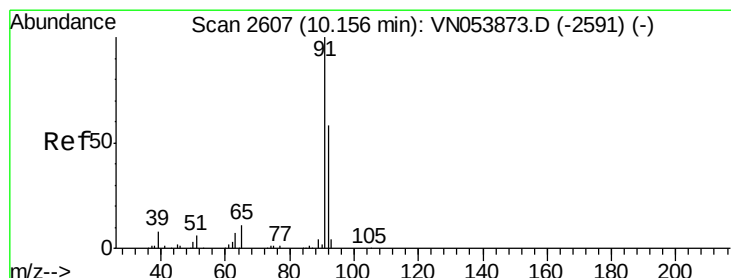
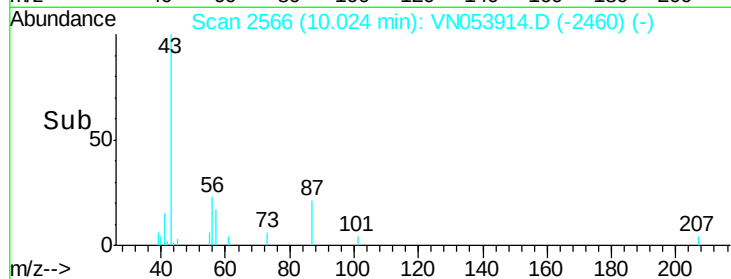
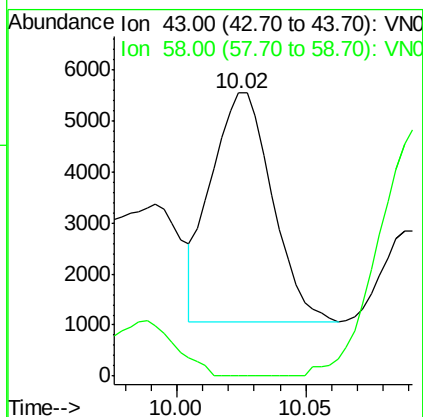
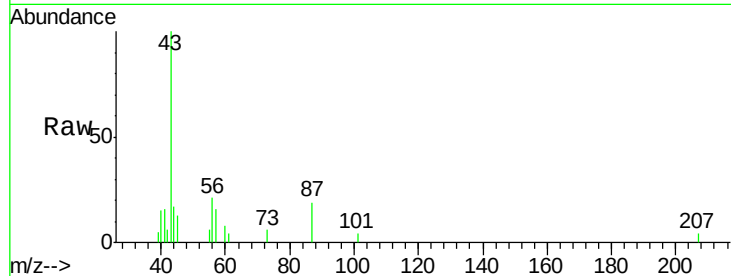
Tgt Ion: 98 Resp: 1305008
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9





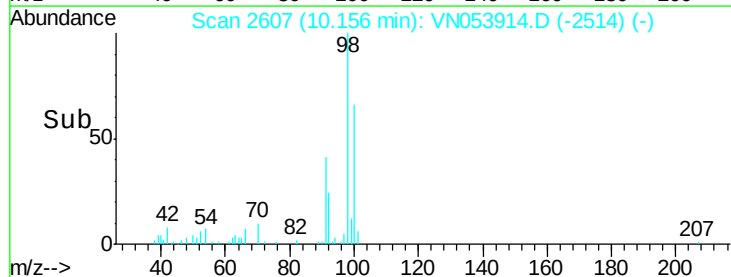
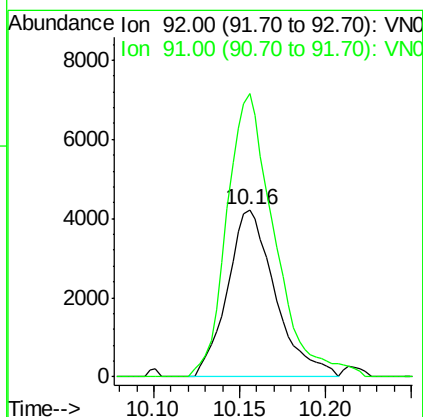
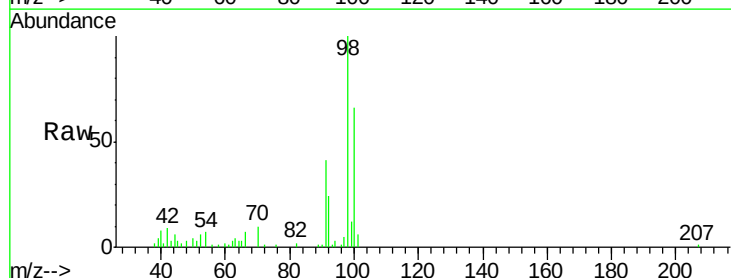
#51
4-Methyl-2-Pentanone
Concen: 7.872 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

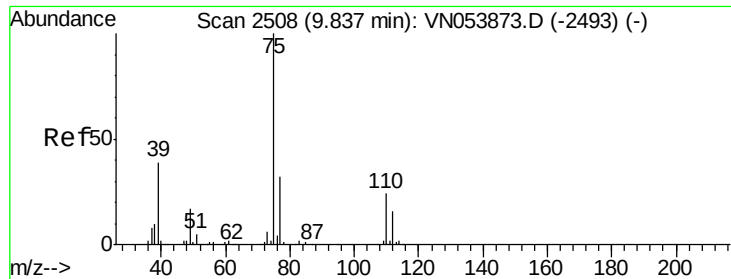
Tot Ion: 43 Resp: 7387
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#



#52
Toluene
Concen: 0.478 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion: 92 Resp: 8147
Ion Ratio Lower Upper
92 100
91 169.0 138.4 207.6





#54

cis-1,3-Dichloropropene

Concen: 5.722 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

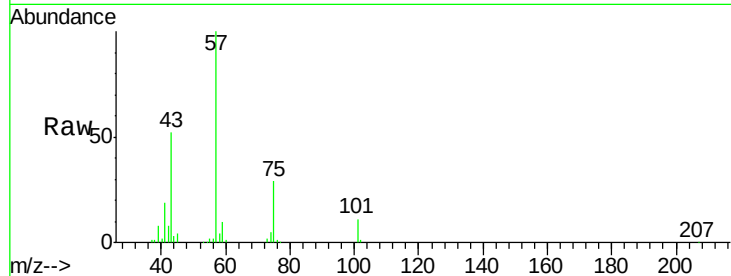
Tot Ion: 75 Resp: 61020

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

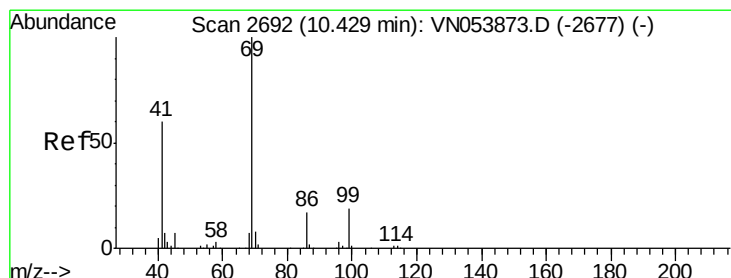
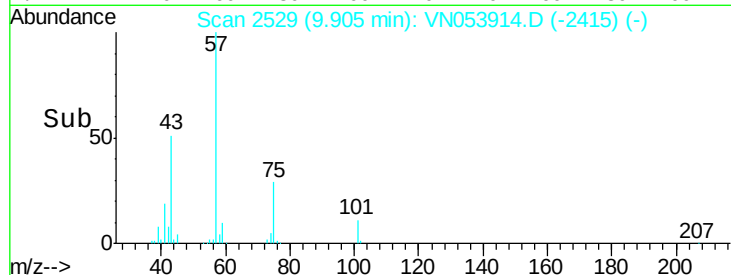
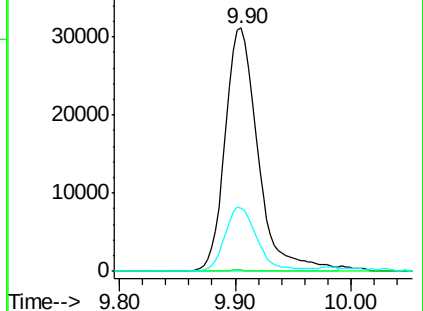
39 26.2 31.4 47.0#



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: 2.614 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

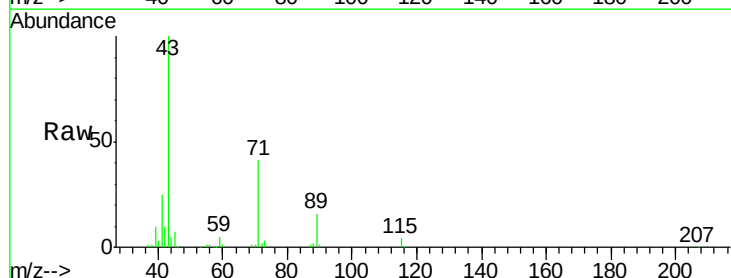
Tgt Ion: 69 Resp: 1248

Ion Ratio Lower Upper

69 100

41 3233.1 47.5 71.3#

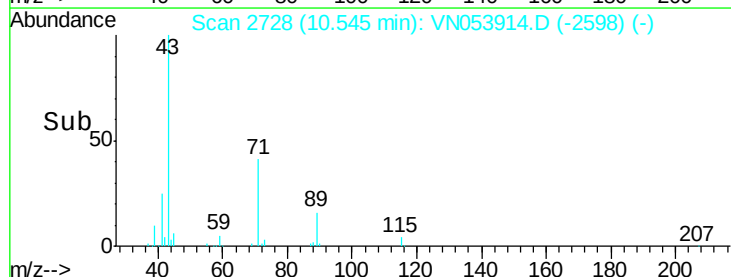
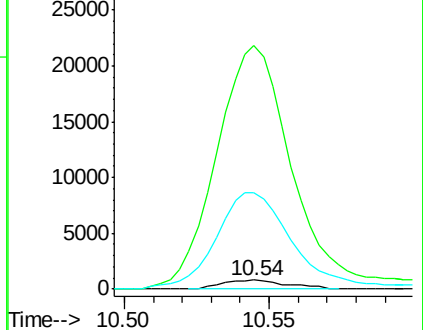
39 1268.9 23.4 35.0#

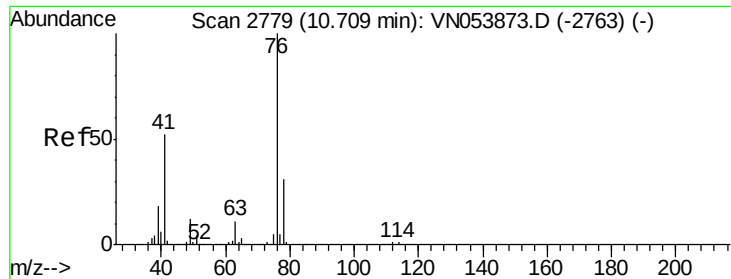


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

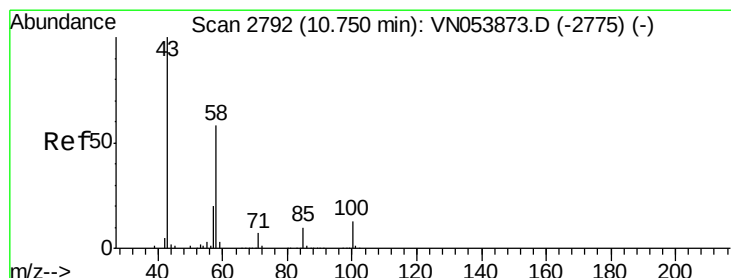
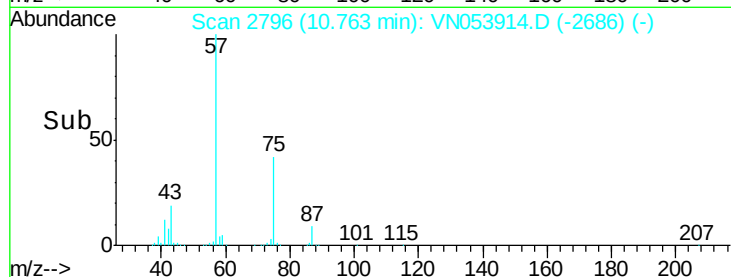
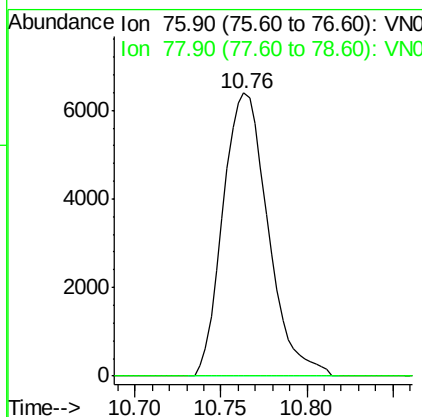
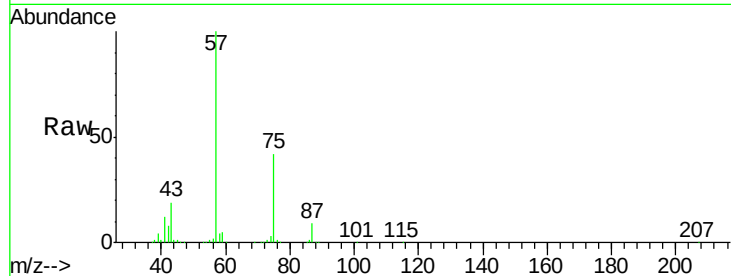
Ion 39.00 (38.70 to 39.70): VN0





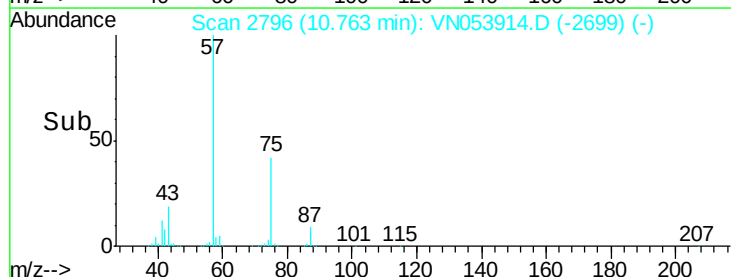
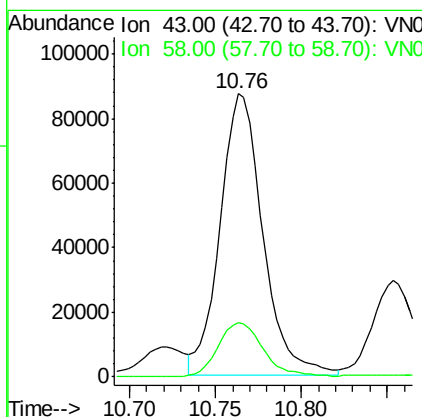
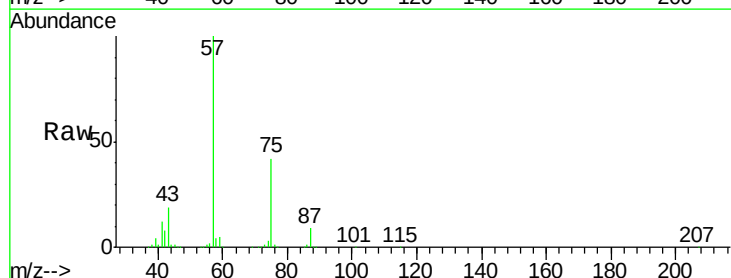
#57
 1,3-Dichloropropane
 Concen: 1.116 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

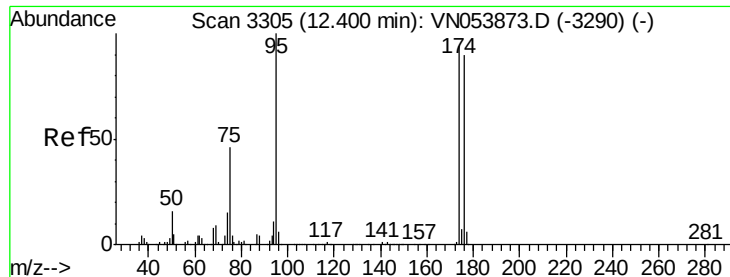
Tot Ion: 76 Resp: 11694
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 46.521 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

Tgt Ion: 43 Resp: 151318
 Ion Ratio Lower Upper
 43 100
 58 20.5 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 52.348 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

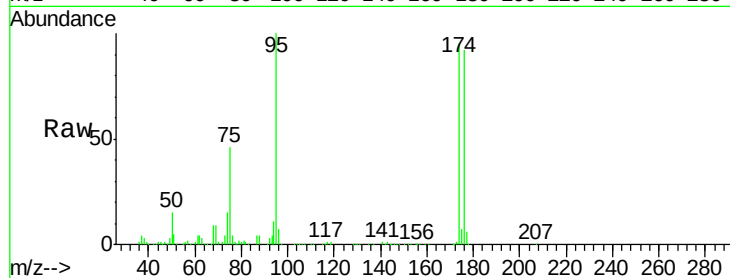
Tot Ion: 95 Resp: 434377

Ion Ratio Lower Upper

95 100

174 96.3 0.0 188.8

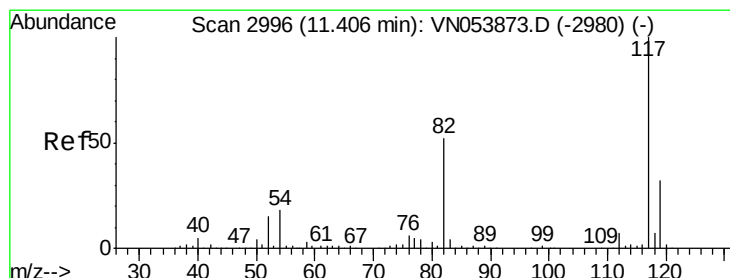
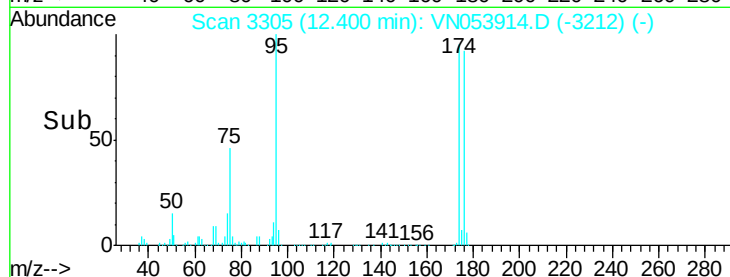
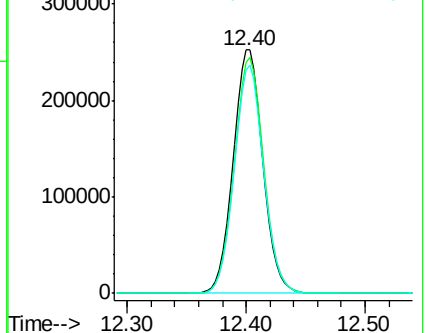
176 92.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

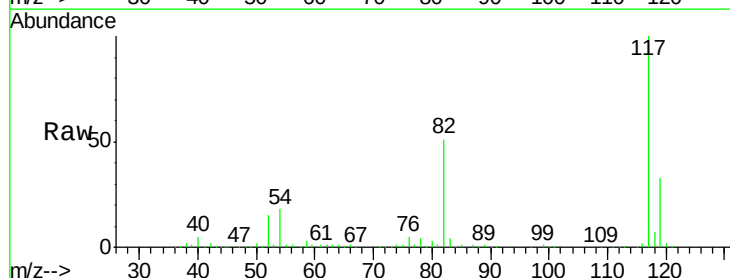
Tgt Ion: 117 Resp: 1006467

Ion Ratio Lower Upper

117 100

82 50.9 41.4 62.2

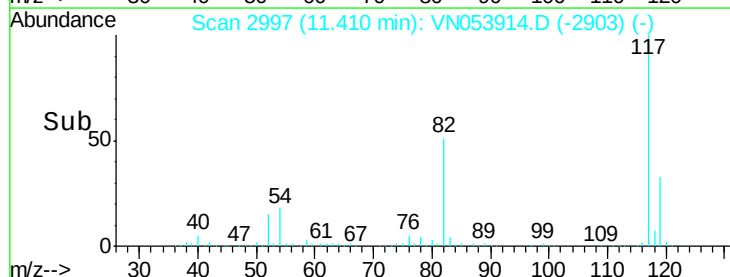
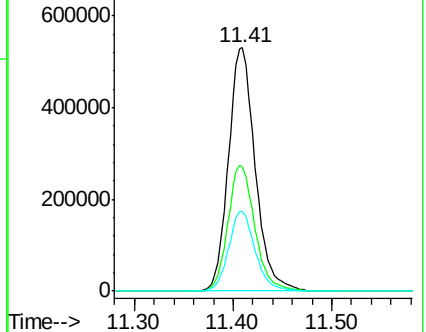
119 32.8 25.3 37.9

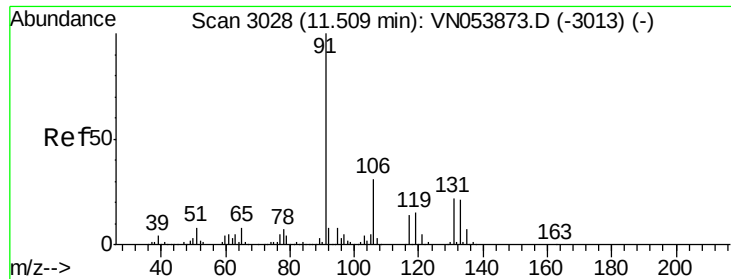


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053873.D (-2980) (-)

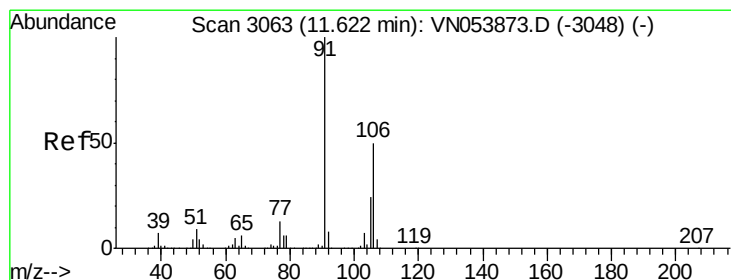
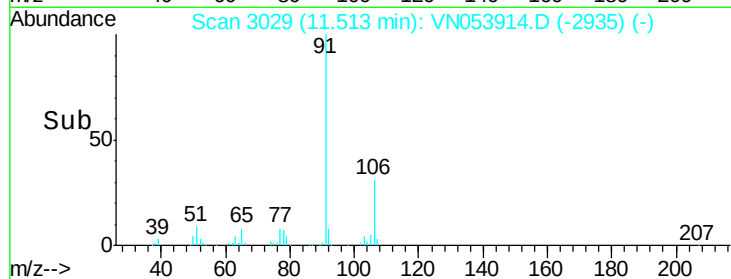
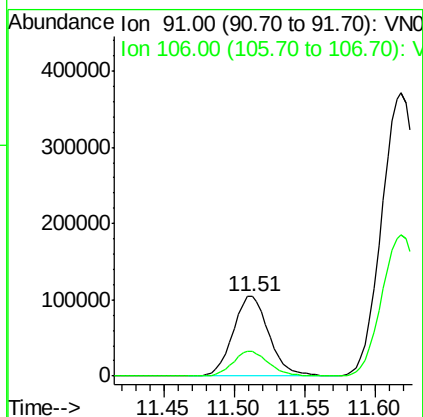
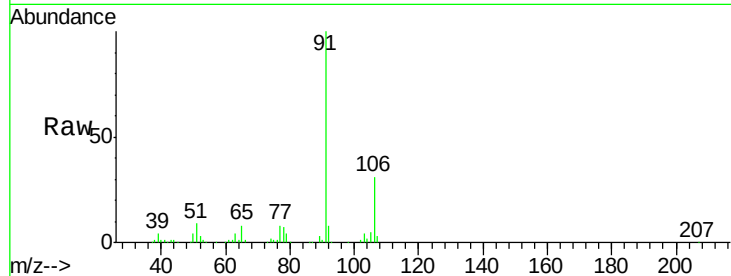
Ion 118.90 (118.60 to 119.60): VN053873.D (-2980) (-)





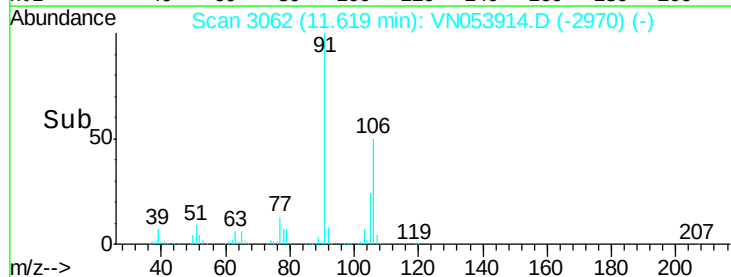
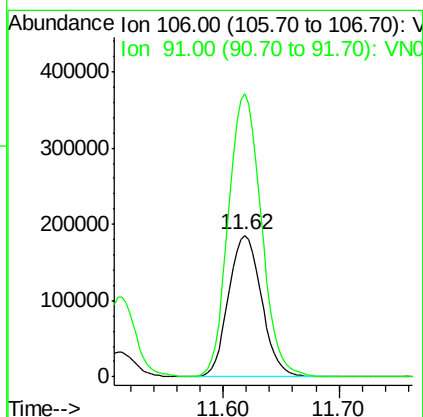
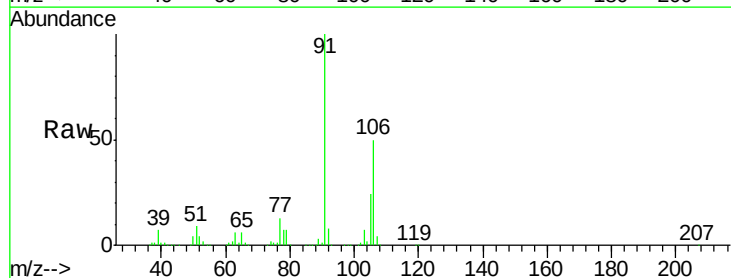
#67
Ethyl Benzene
Concen: 5.476 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

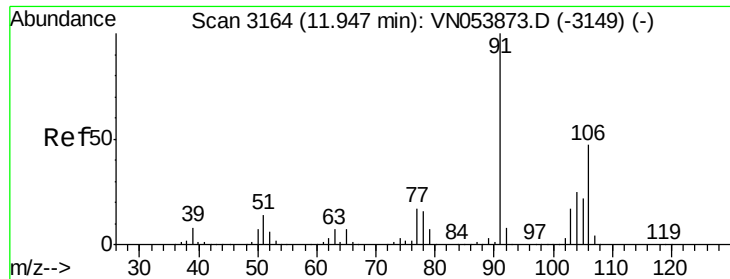
Tot Ion: 91 Resp: 186696
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 27.776 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

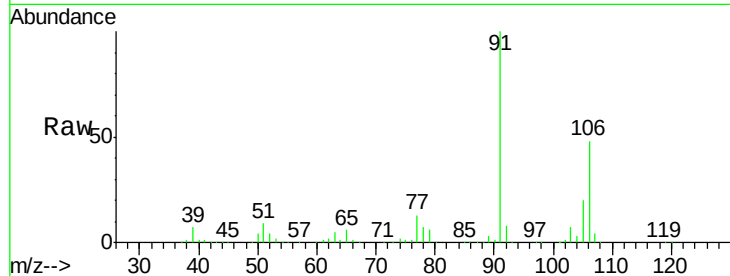
Tgt Ion: 106 Resp: 366681
Ion Ratio Lower Upper
106 100
91 198.6 158.9 238.3



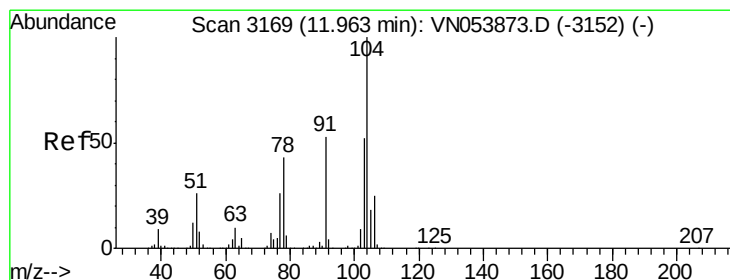
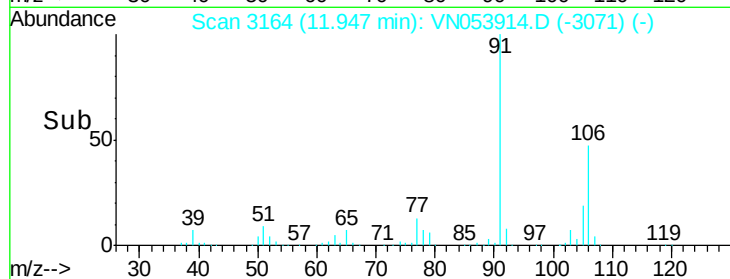
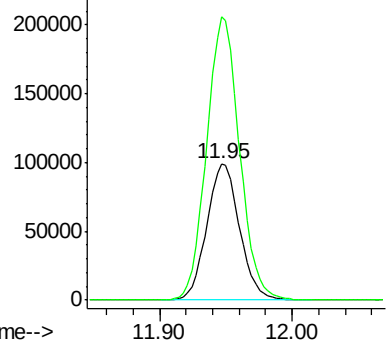


#69
o-Xylene
Concen: 13.351 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion:106 Resp: 169679
Ion Ratio Lower Upper
106 100
91 209.2 106.0 318.0

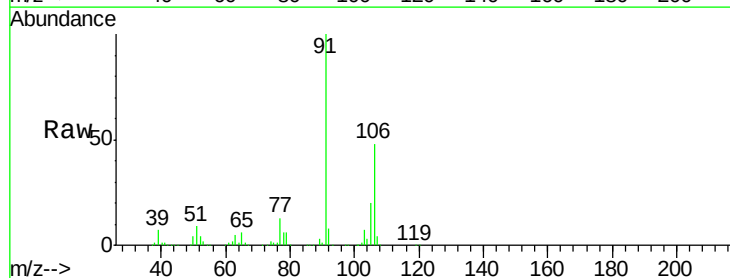


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

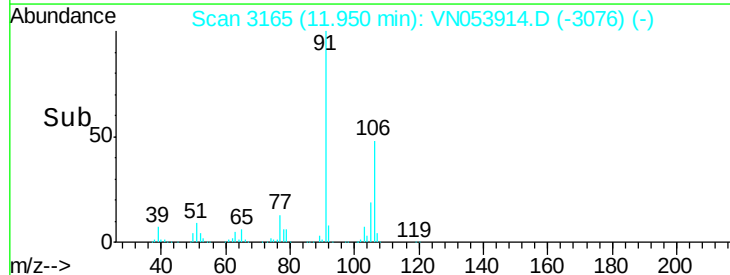
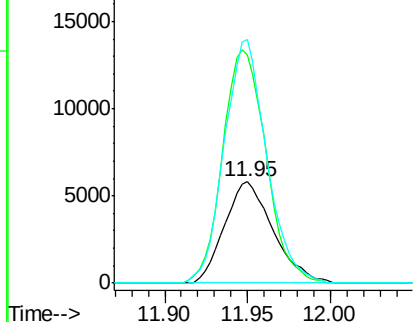


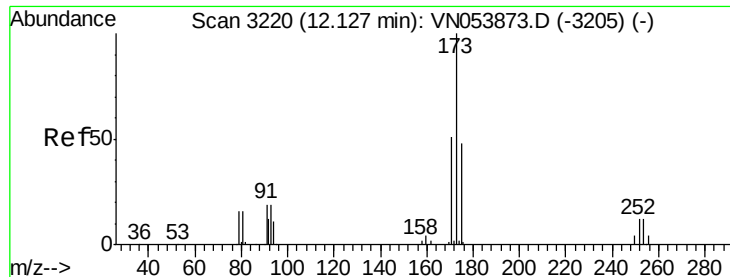
#70
Styrene
Concen: 0.592 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion:104 Resp: 11807
Ion Ratio Lower Upper
104 100
78 206.3 38.1 57.1#
103 210.6 44.6 67.0#



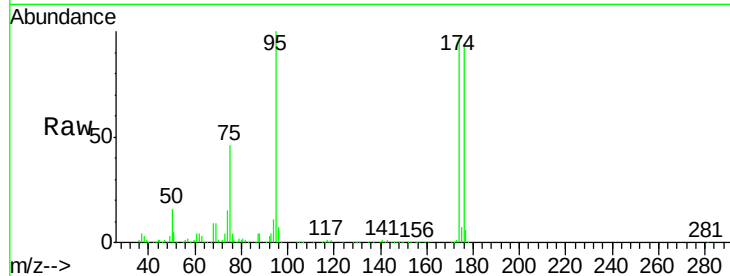
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



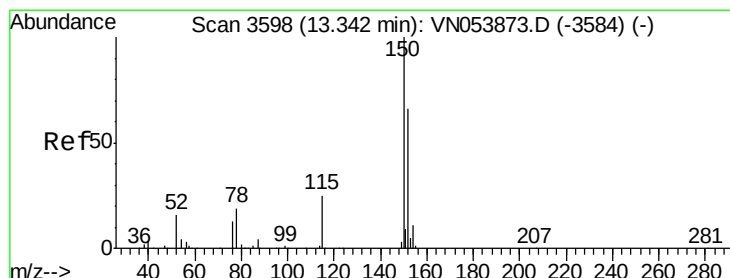
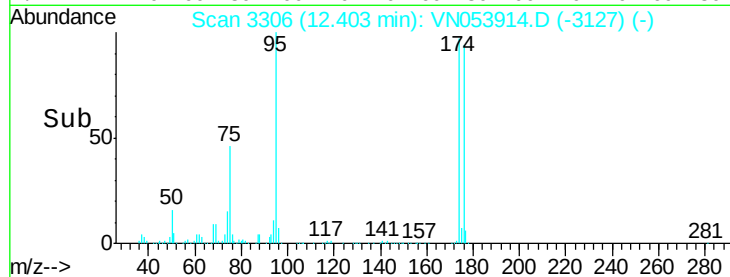
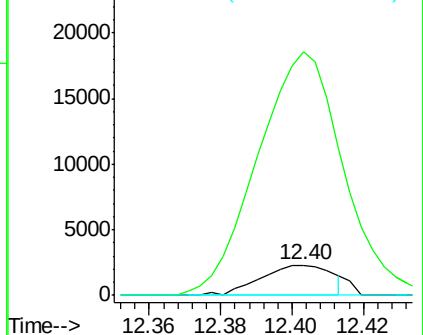


#71
Bromoform
Concen: 0.580 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion:173 Resp: 3163
Ion Ratio Lower Upper
173 100
175 842.1 24.3 72.8#
254 0.0 0.2 0.2#

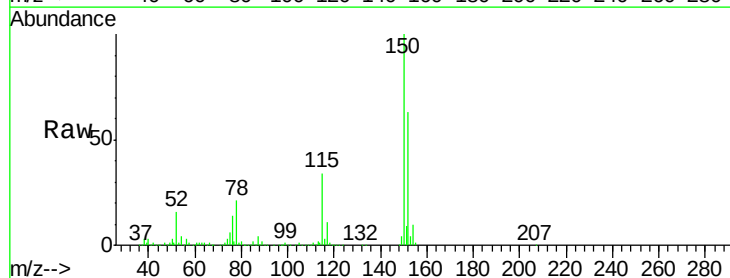


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

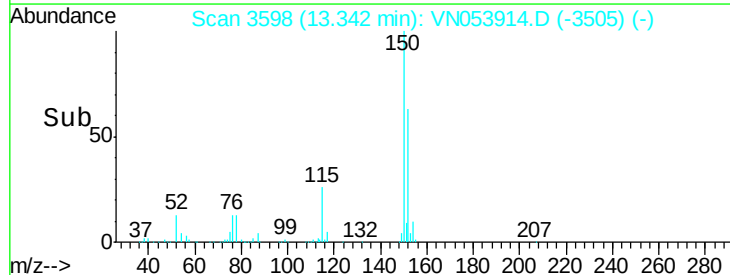
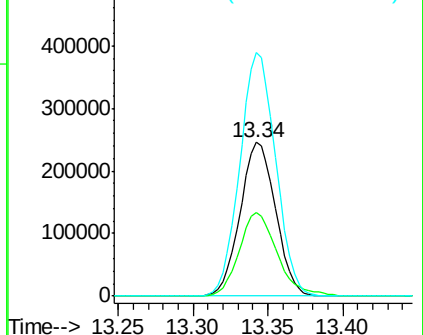


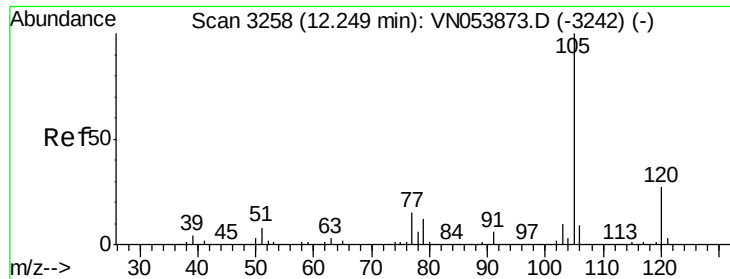
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion:152 Resp: 406072
Ion Ratio Lower Upper
152 100
115 57.7 27.2 81.6
150 159.2 0.0 348.2



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





#73

Isopropylbenzene

Concen: 0.346 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053914.D

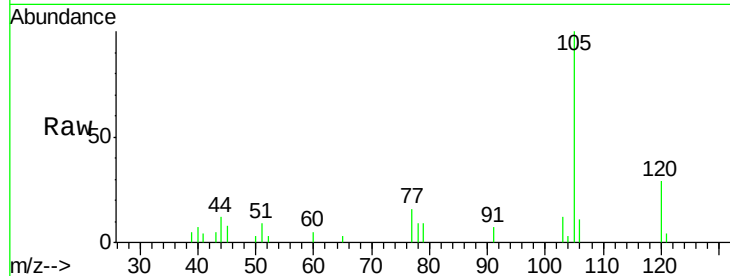
Acq: 22 Feb 2019 14:25

Tot Ion: 105 Resp: 9886

Ion Ratio Lower Upper

105 100

120 29.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

6000

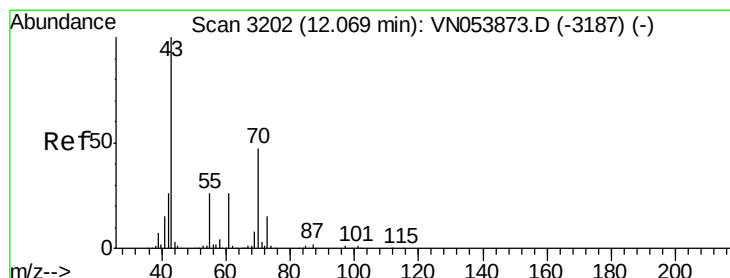
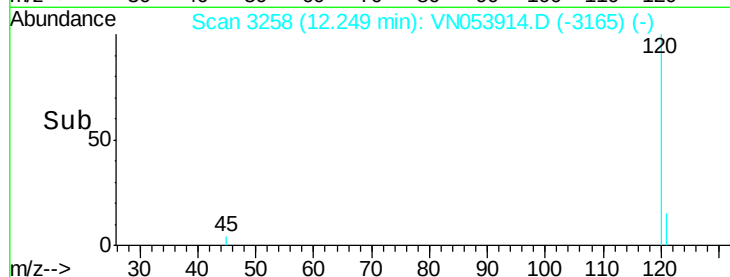
4000

2000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 2.498 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

Tgt Ion: 43 Resp: 16410

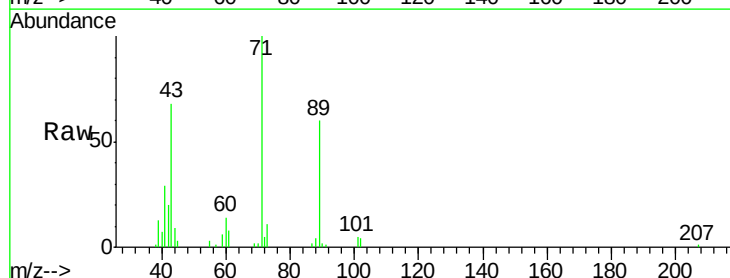
Ion Ratio Lower Upper

43 100

70 2.0 37.4 56.2#

55 1.7 21.4 32.0#

61 10.6 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

11.88

15000

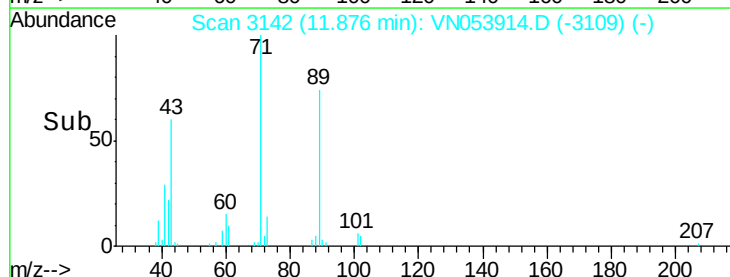
10000

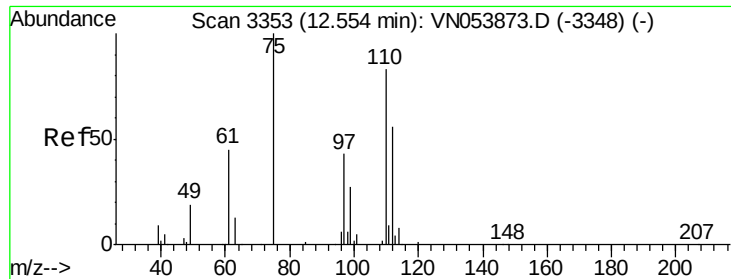
5000

0

Time-->

11.80 11.85 11.90 11.95

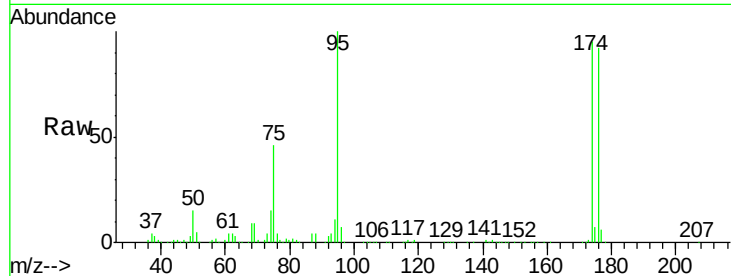




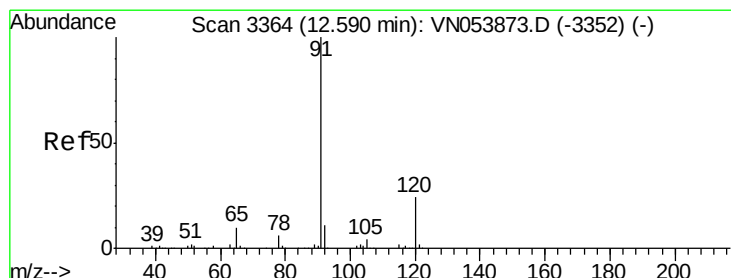
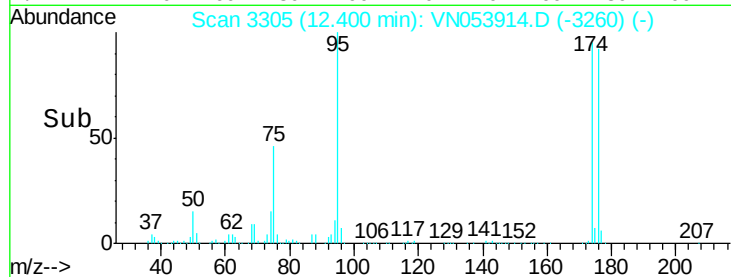
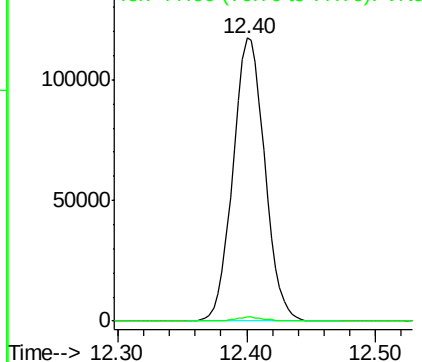
#76

1,2,3-Trichloropropane
 Concen: 33.697 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

Tot Ion: 75 Resp: 200873
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



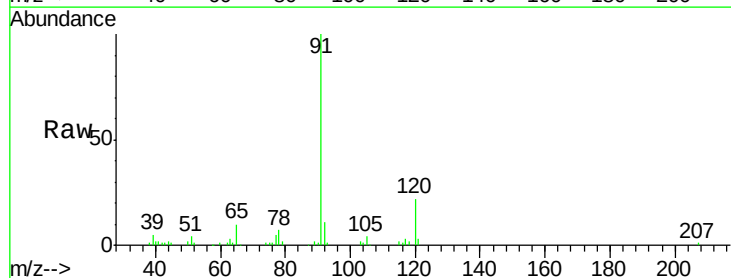
Abundance Ion 74.90 (74.60 to 75.60): VN053873.D (-3348) (-)
 Ion 77.00 (76.70 to 77.70): VN053873.D (-3348) (-)



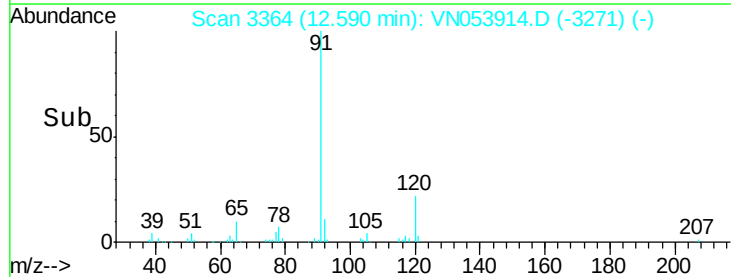
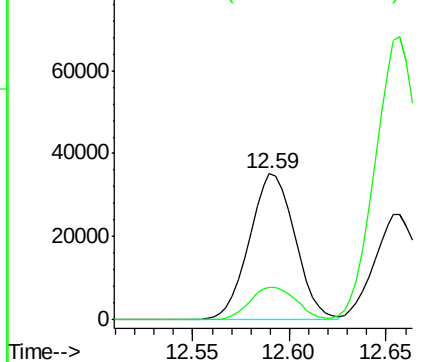
#78

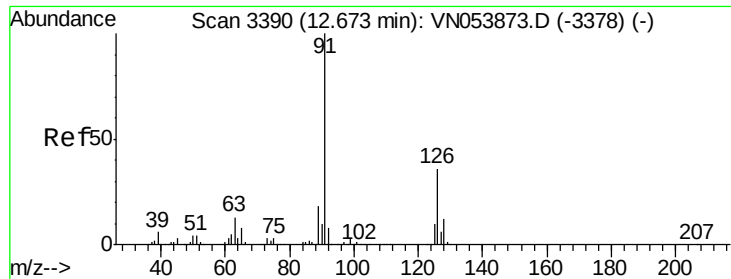
n-propylbenzene
 Concen: 1.817 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

Tgt Ion: 91 Resp: 58139
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN053873.D (-3352) (-)
 Ion 120.00 (119.70 to 120.70): VN053873.D (-3352) (-)





#79

2-Chlorotoluene

Concen: 2.081 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053914.D

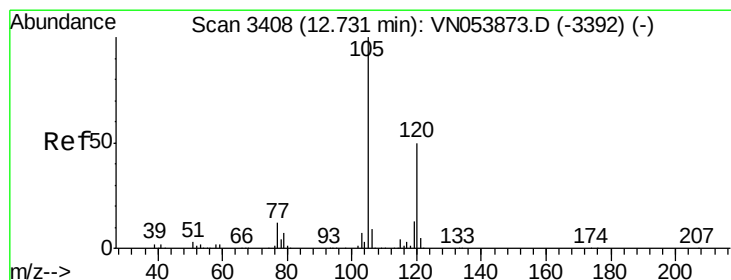
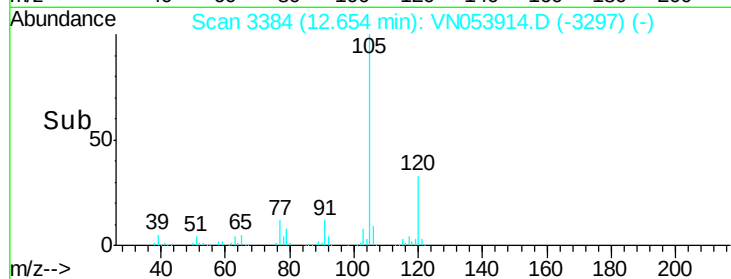
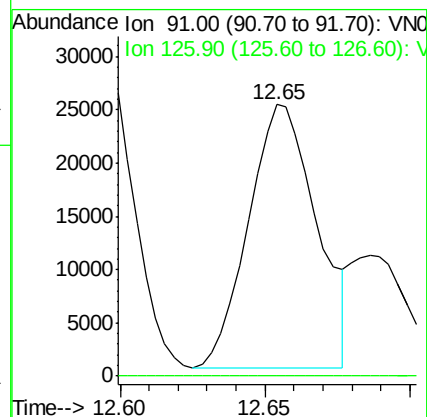
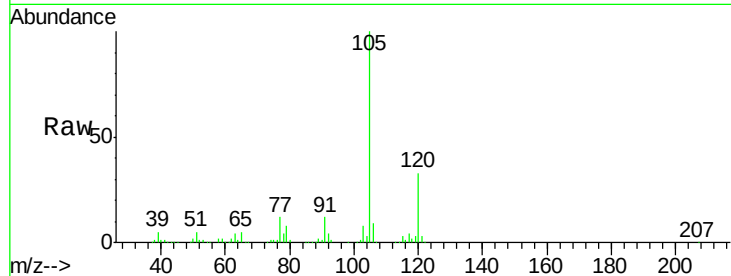
Acq: 22 Feb 2019 14:25

Tot Ion: 91 Resp: 40145

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 9.963 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053914.D

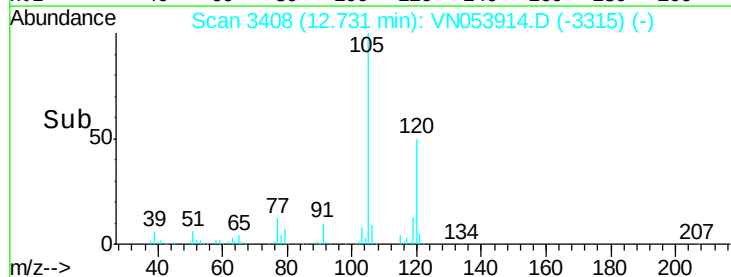
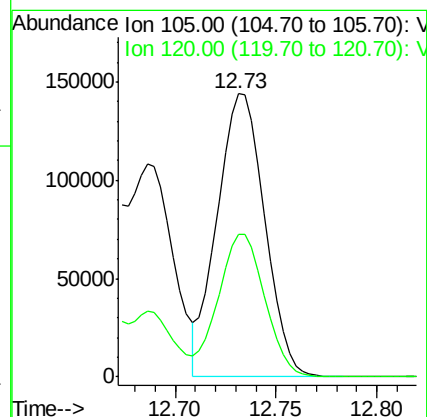
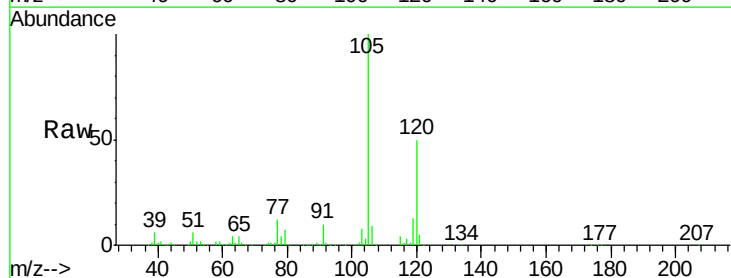
Acq: 22 Feb 2019 14:25

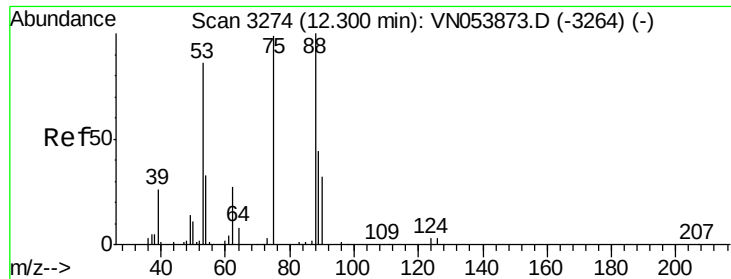
Tgt Ion: 105 Resp: 236584

Ion Ratio Lower Upper

105 100

120 48.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 111.243 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

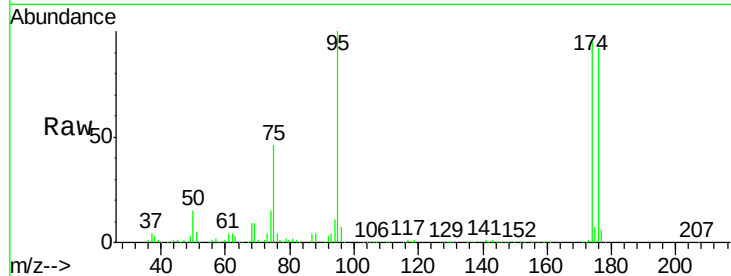
Tot Ion: 75 Resp: 200873

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

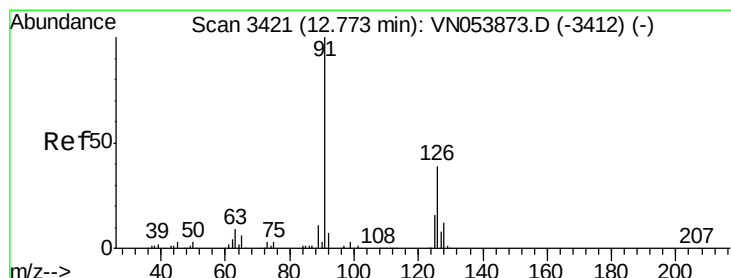
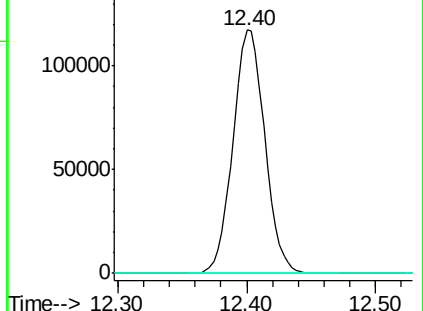
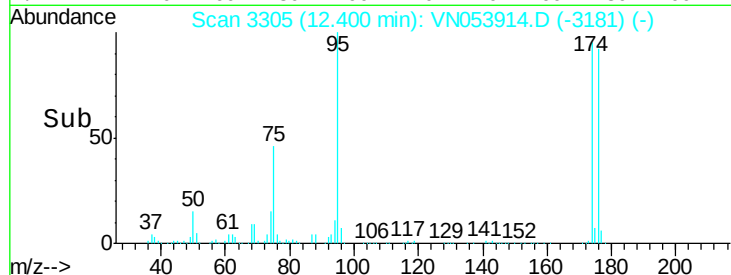
89 0.0 35.3 52.9#



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: 1.192 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053914.D

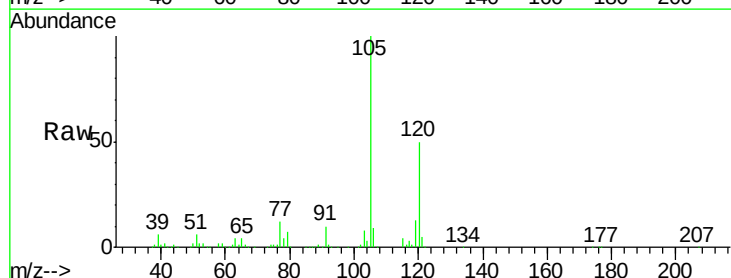
Acq: 22 Feb 2019 14:25

Tgt Ion: 91 Resp: 22912

Ion Ratio Lower Upper

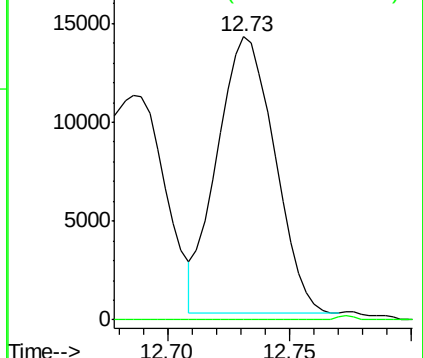
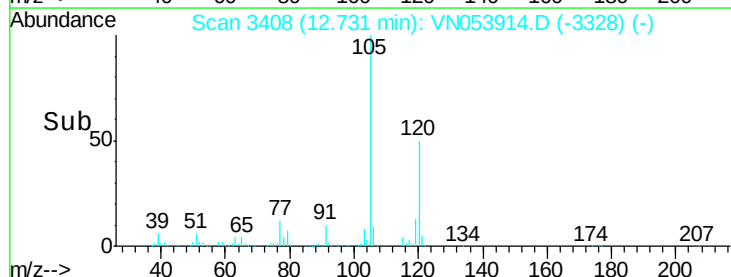
91 100

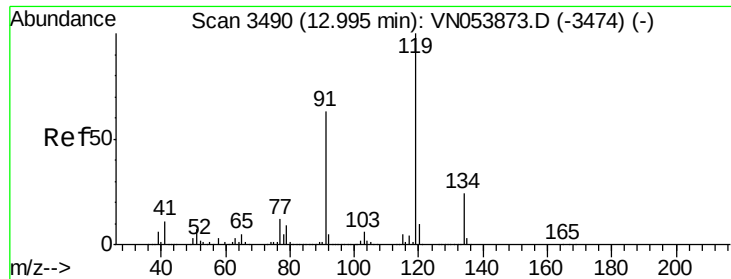
126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

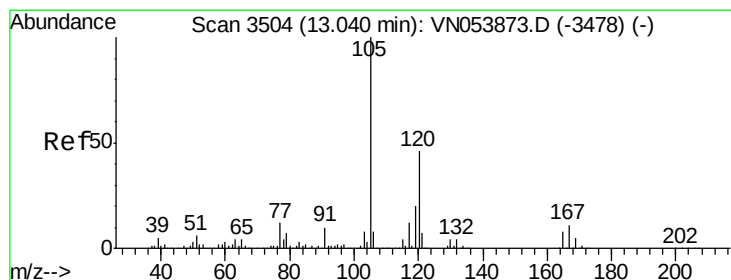
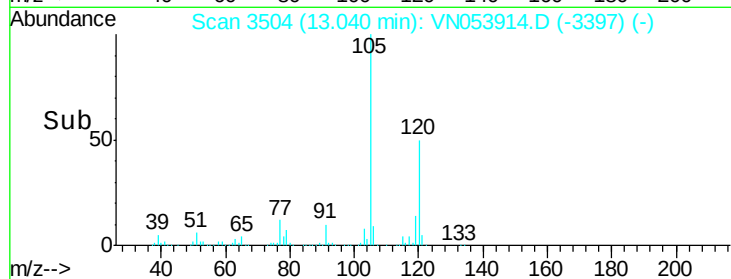
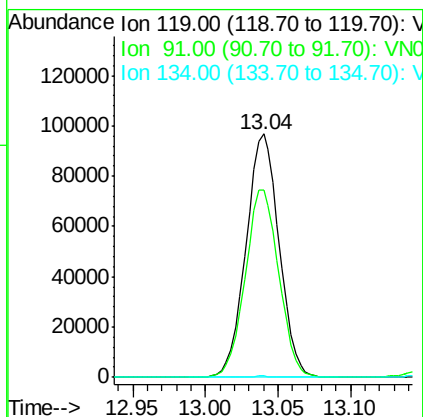
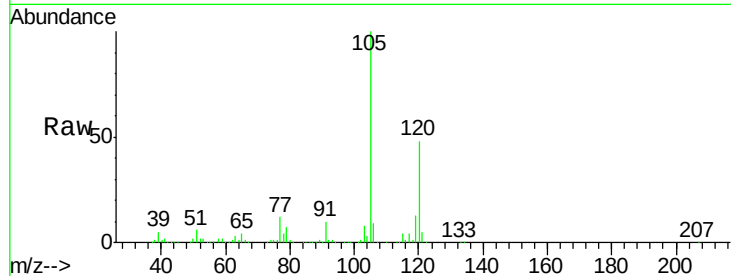
Ion 125.90 (125.60 to 126.60): V





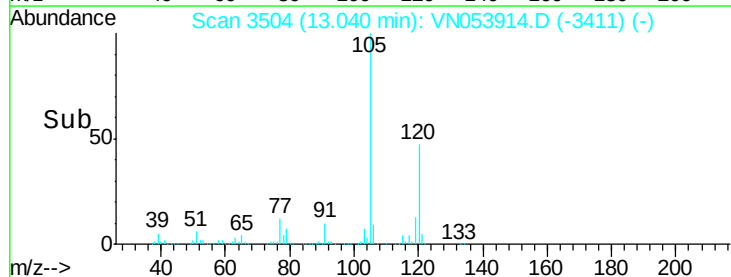
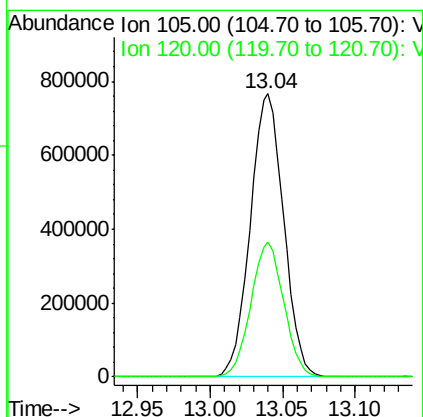
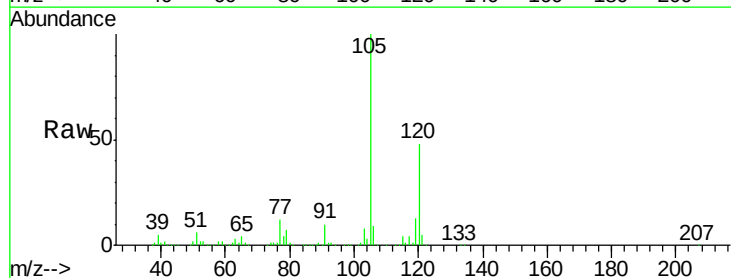
#83
 tert-Butylbenzene
 Concen: 7.212 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

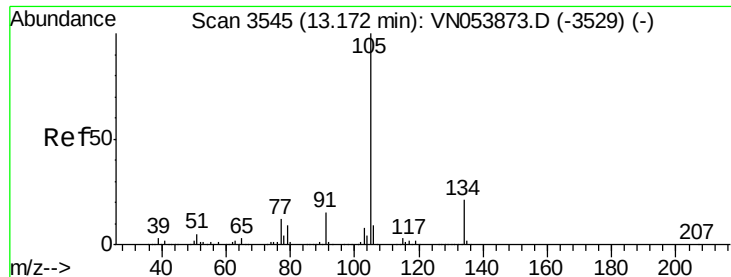
Tot Ion:119 Resp: 153771
 Ion Ratio Lower Upper
 119 100
 91 77.7 30.6 91.8
 134 0.4 13.0 39.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 51.556 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

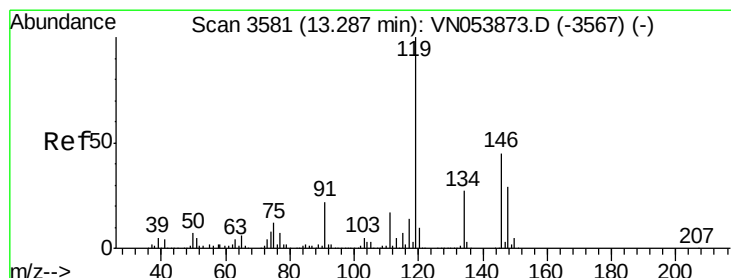
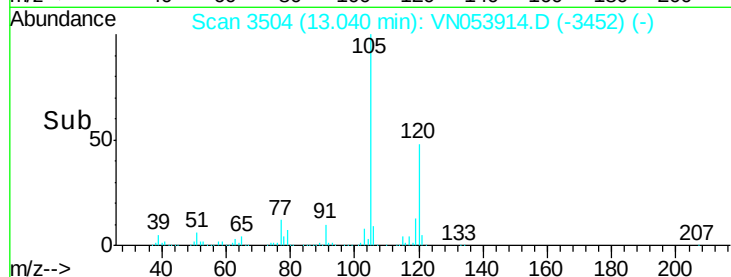
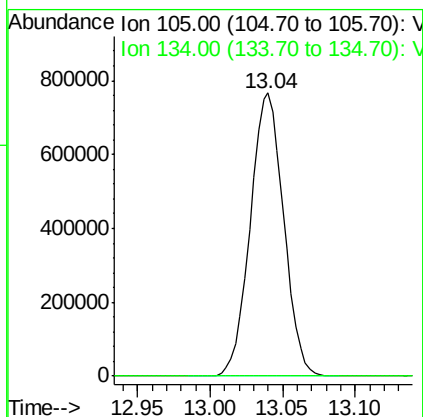
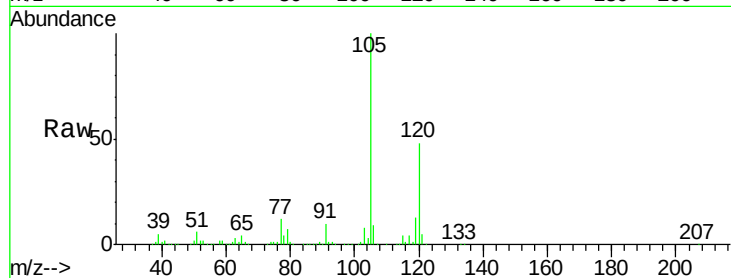
Tgt Ion:105 Resp: 1227853
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.5





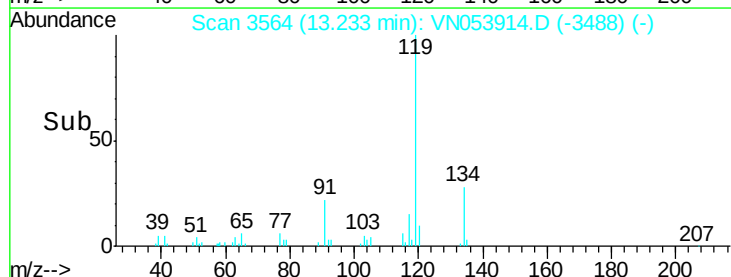
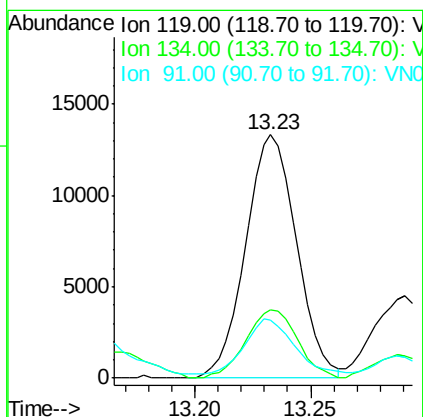
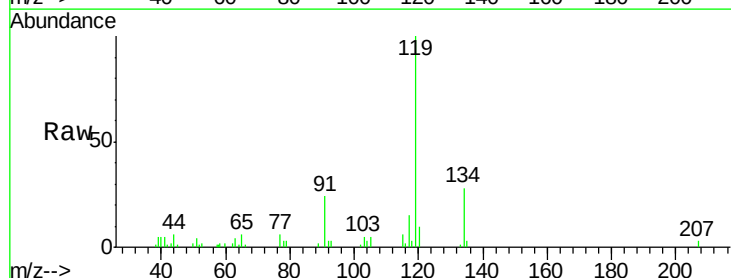
#85
 sec-Butylbenzene
 Concen: 42.770 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

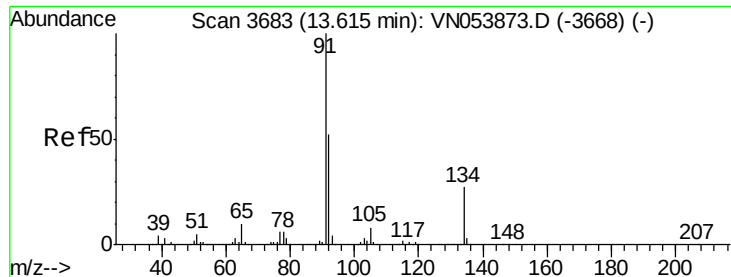
Tot Ion:105 Resp: 1227853
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.818 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

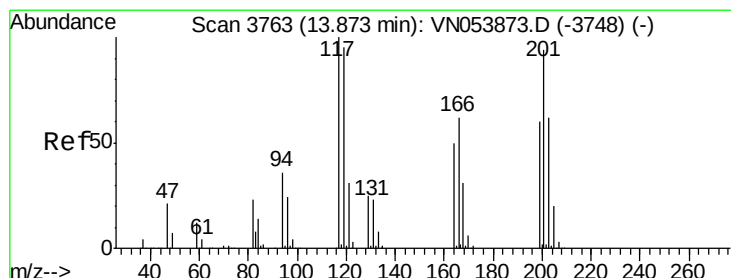
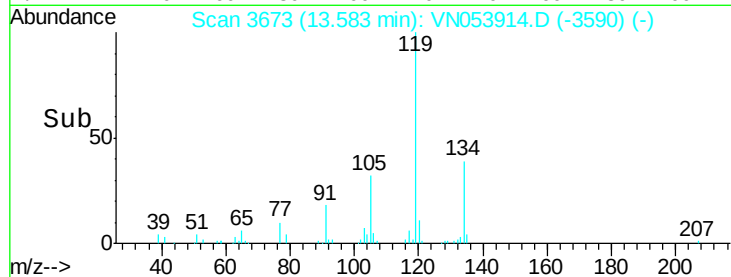
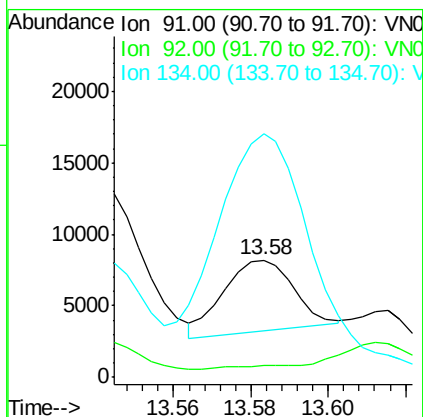
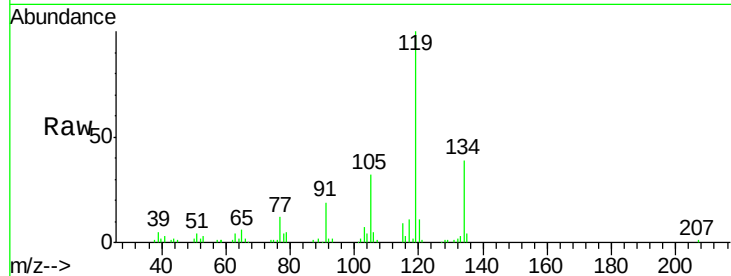
Tgt Ion:119 Resp: 20377
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.5 40.4
 91 22.3 10.9 32.6





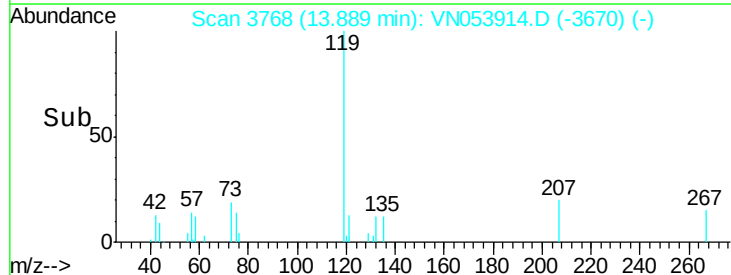
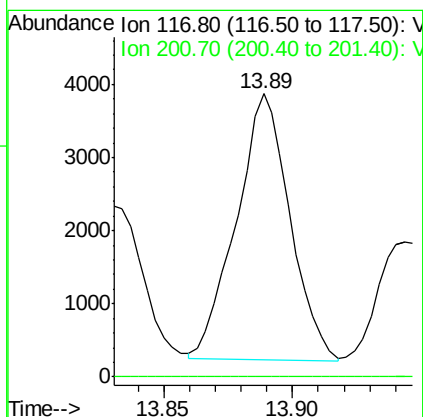
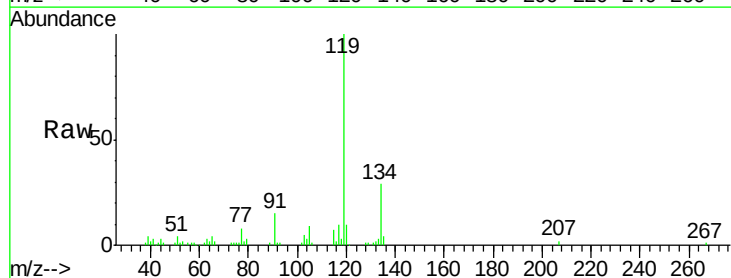
#89
n-Butylbenzene
Concen: 0.308 ug/l
RT: 13.58 min Scan# 3673
Delta R.T. -0.03 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

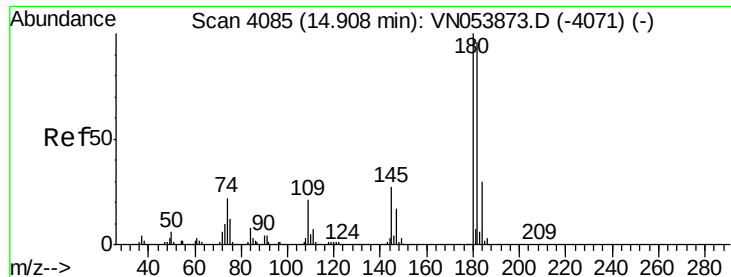
Tot Ion: 91 Resp: 6310
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.2#
134 490.7 13.6 40.8#



#90
Hexachloroethane
Concen: 1.110 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

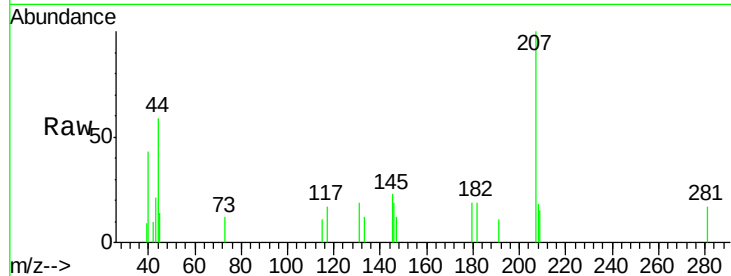
Tgt Ion: 117 Resp: 5285
Ion Ratio Lower Upper
117 100
201 0.0 48.0 144.2#



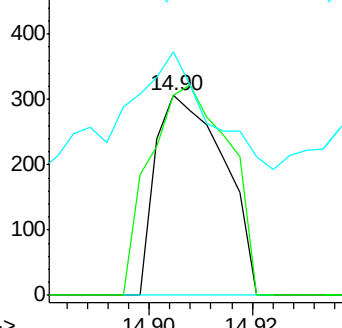


#93
 1,2,4-Trichlorobenzene
 Concen: 2.960 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

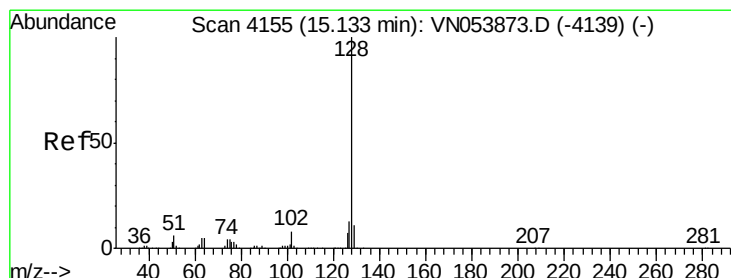
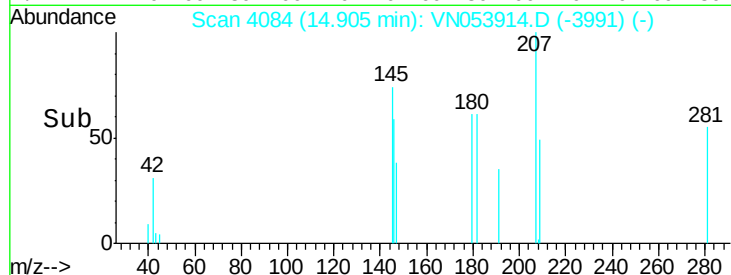
Tot Ion:180 Resp: 281
 Ion Ratio Lower Upper
 180 100
 182 121.7 48.6 145.9
 145 192.2 13.8 41.3#



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

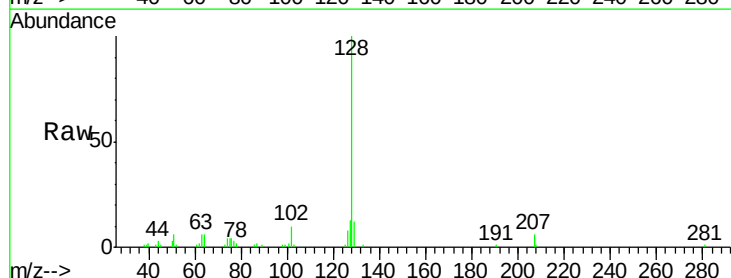


Time-->

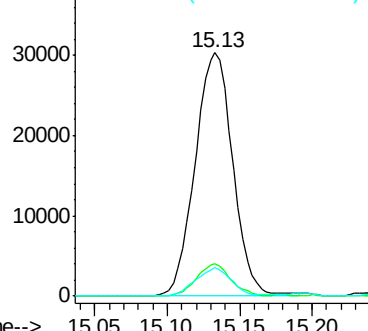


#95
 Naphthalene
 Concen: 7.705 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

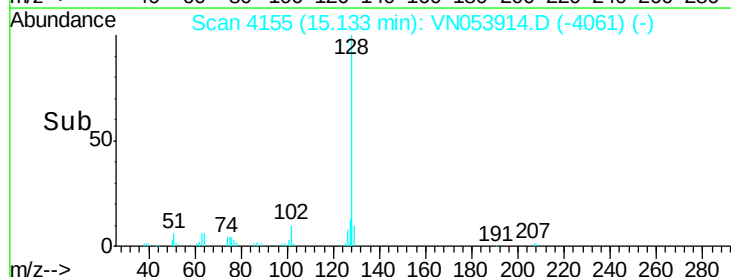
Tgt Ion:128 Resp: 54900
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.2 15.2
 129 11.1 8.6 12.8

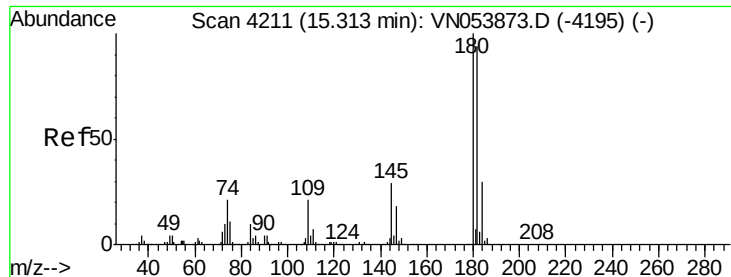


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



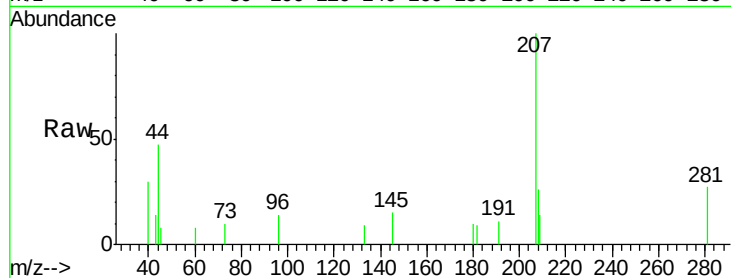
Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 2.577 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

Tot Ion	Ratio	Lower	Upper
180	100		
182	126.4	47.3	141.8
145	550.9	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

