

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050031.D
 Acq On : 24 Jul 2018 19:38
 Operator : MD\SY
 Sample : J4110-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 25 00:50:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	601357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1002464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365210	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	443026	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.60%		
35) Dibromofluoromethane	7.60	113	390763	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.48%		
50) Toluene-d8	10.09	98	1339980	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.06%		
62) 4-Bromofluorobenzene	12.40	95	385443	38.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	77.80%		

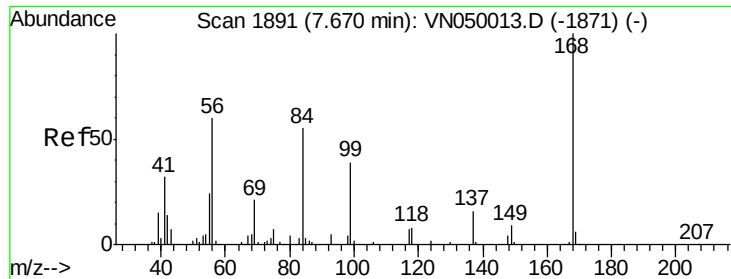
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	823	Below Cal		93
11) Tert butyl alcohol	4.81	59	234	0.38	ug/l #	72
14) Allyl chloride	4.55	41	54957	5.11	ug/l #	24
16) Acetone	3.83	43	22151	6.99	ug/l	100
18) Methyl Acetate	4.34	43	43747	4.20	ug/l	100
20) Methylene Chloride	4.55	84	1574616	215.82	ug/l	99
25) 2-Butanone	6.84	43	13089	4.09	ug/l	98
29) Tetrahydrofuran	7.22	42	706	0.34	ug/l #	47
30) Chloroform	7.38	83	5068	0.36	ug/l	97
31) Cyclohexane	7.67	56	11785	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43605	3.86	ug/l #	48
37) Ethyl Acetate	6.84	43	13089	1.66	ug/l #	68
38) Carbon Tetrachloride	7.67	117	55612	4.64	ug/l #	16
41) Methacrylonitrile	7.22	41	300	2.82	ug/l #	15
43) Isopropyl Acetate	8.23	43	183427	11.48	ug/l #	63
51) 4-Methyl-2-Pentanone	9.99	43	1663	0.21	ug/l	91
52) Toluene	10.16	92	12654	0.62	ug/l	98
56) Ethyl methacrylate	10.66	69	30	2.03	ug/l #	1
59) 2-Hexanone	10.76	43	3970	5.86	ug/l	95
67) Ethyl Benzene	11.52	91	21455	0.64	ug/l	97
68) m/p-Xylenes	11.62	106	20784	1.64	ug/l	99
69) o-Xylene	11.95	106	17071	1.42	ug/l	95
70) Styrene	11.97	104	9328	1.35	ug/l #	79
71) Bromoform	12.41	173	3256	0.56	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.55	83	102	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	190157	28.02	ug/l #	100
78) n-propylbenzene	12.59	91	7672	0.24	ug/l	99
79) 2-Chlorotoluene	12.66	91	7606	0.39	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.73	105	37044	1.66	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	190157	88.87	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	109293	4.87	ug/l	99
85) sec-Butylbenzene	13.17	105	5468	0.21	ug/l	80
86) p-Isopropyltoluene	13.29	119	7341	0.34	ug/l	95
89) n-Butylbenzene	13.59	91	5139	0.29	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	7980	1.64	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	64	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	8627	4.23	ug/l #	57
95) Naphthalene	15.14	128	776682	46.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1722	2.45	ug/l #	80

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050031.D

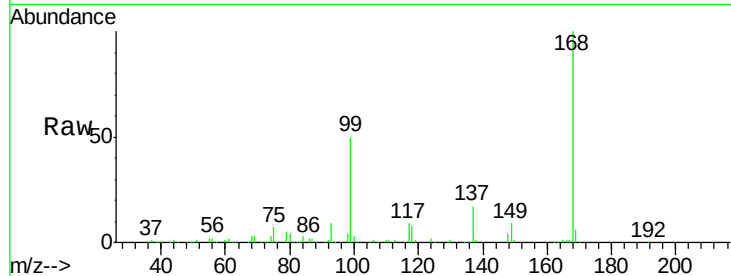
Acq: 24 Jul 2018 19:38

Tot Ion:168 Resp: 601357

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050031.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050031.D (-1871) (-)

7.67

250000

200000

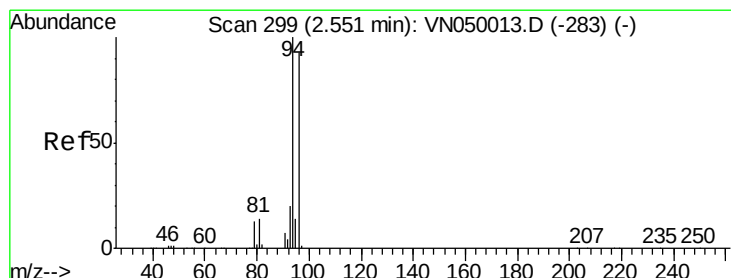
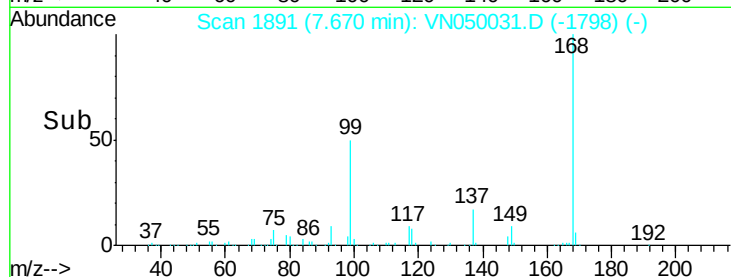
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050031.D

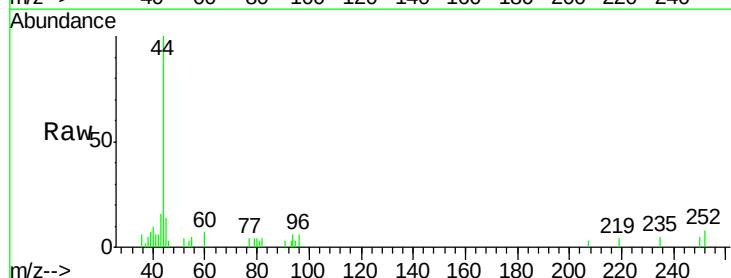
Acq: 24 Jul 2018 19:38

Tgt Ion: 94 Resp: 823

Ion Ratio Lower Upper

94 100

96 87.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050031.D (-283) (-)

Ion 95.90 (95.60 to 96.60): VN050031.D (-283) (-)

2.57

400

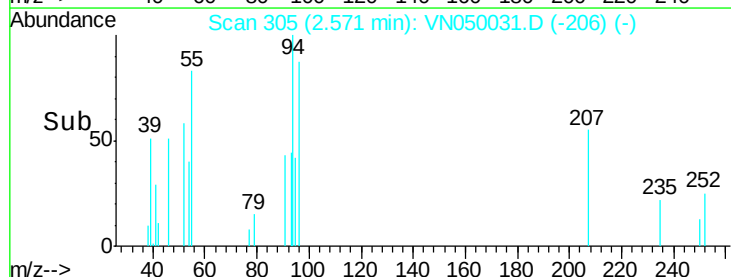
300

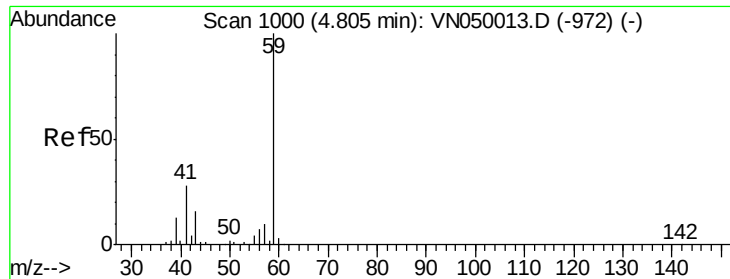
200

100

0

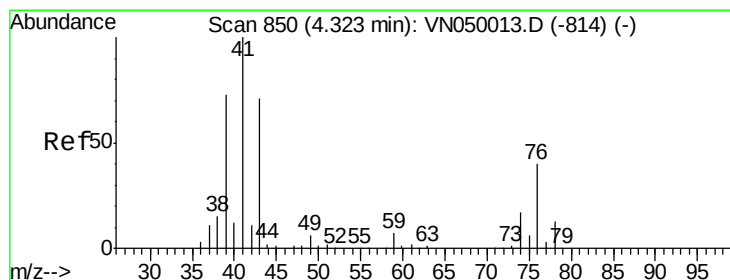
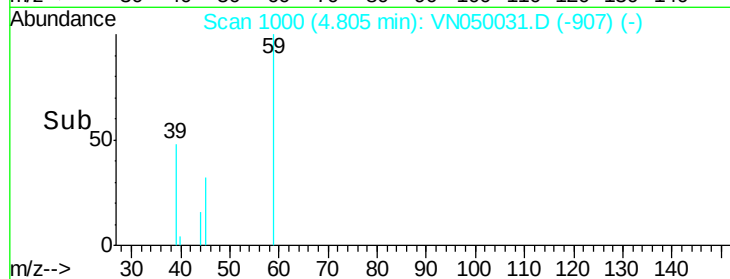
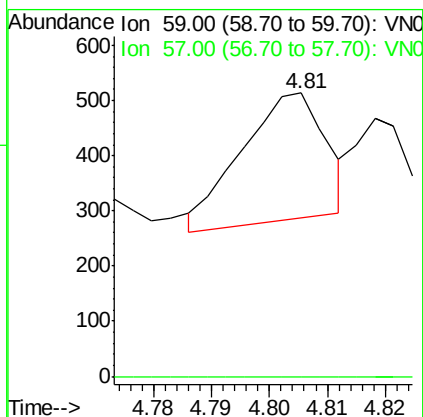
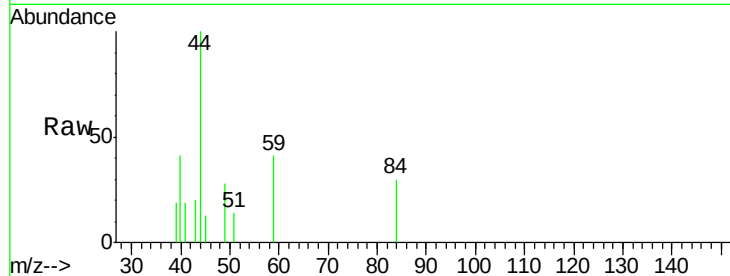
Time-->





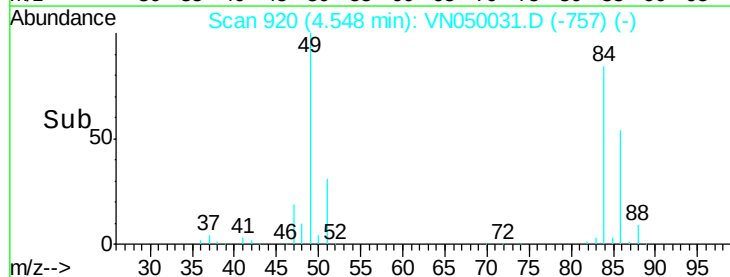
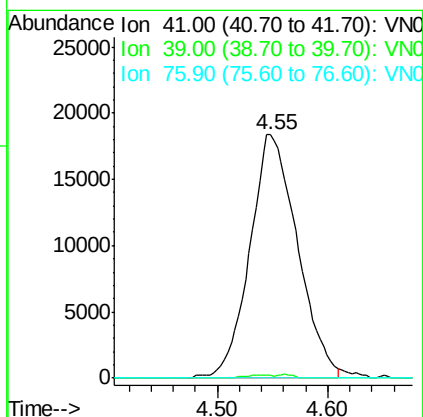
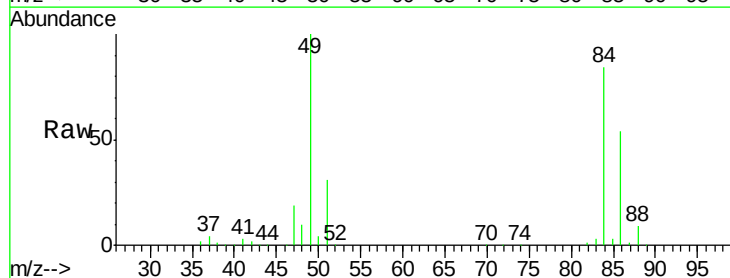
#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

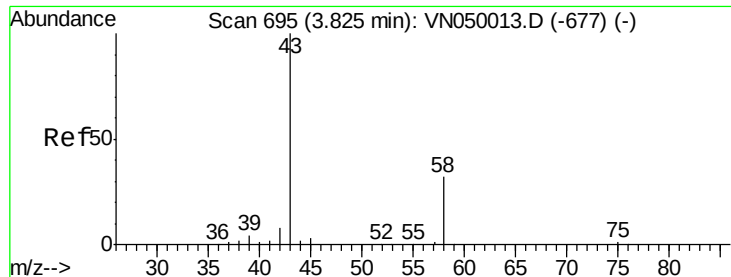
Tot Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 5.11 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 41 Resp: 54957
Ion Ratio Lower Upper
41 100
39 0.7 54.2 81.4#
76 0.0 29.0 43.6#





#16

Acetone

Concen: 6.99 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050031.D

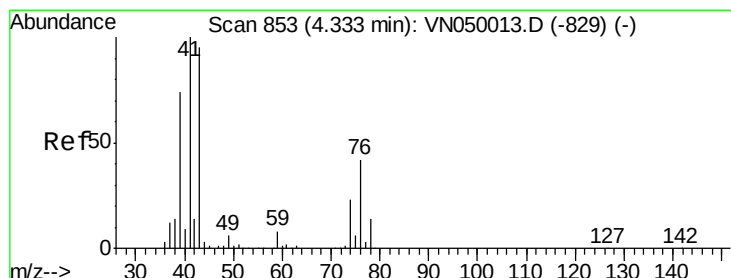
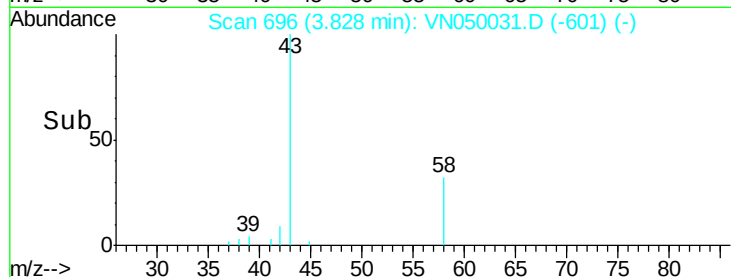
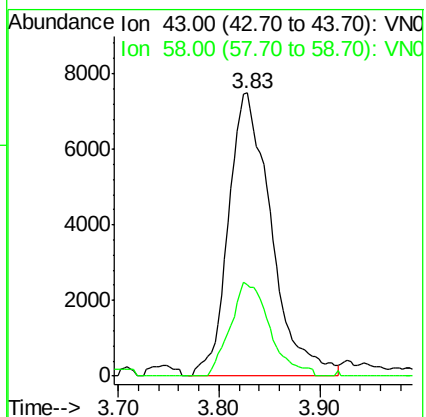
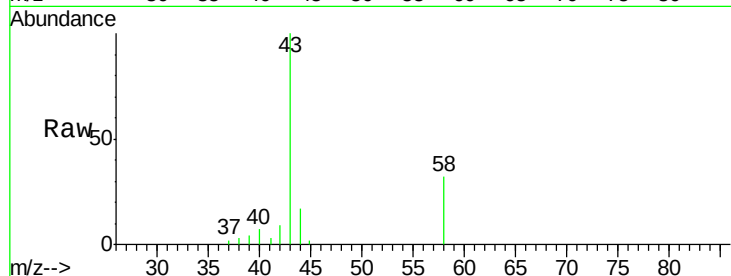
Acq: 24 Jul 2018 19:38

Tot Ion: 43 Resp: 22151

Ion Ratio Lower Upper

43 100

58 32.4 25.8 38.8



#18

Methyl Acetate

Concen: 4.20 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050031.D

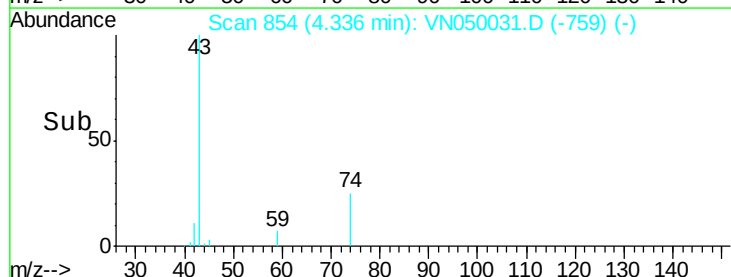
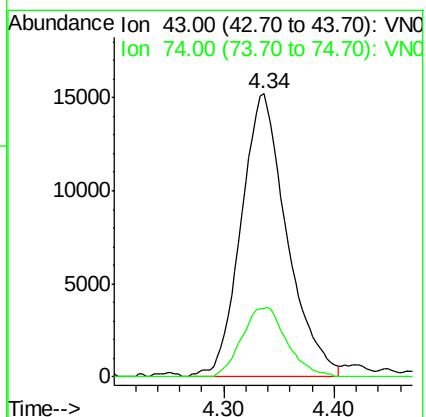
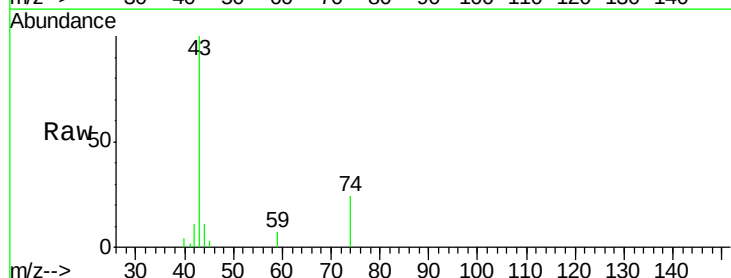
Acq: 24 Jul 2018 19:38

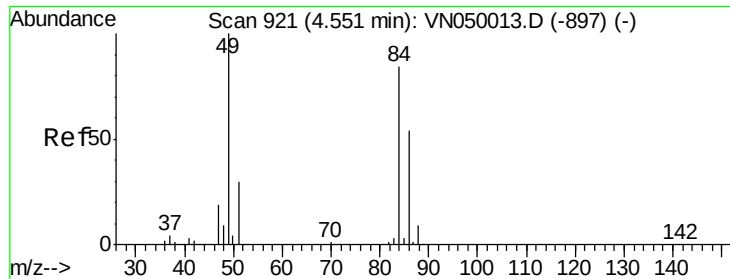
Tgt Ion: 43 Resp: 43747

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8

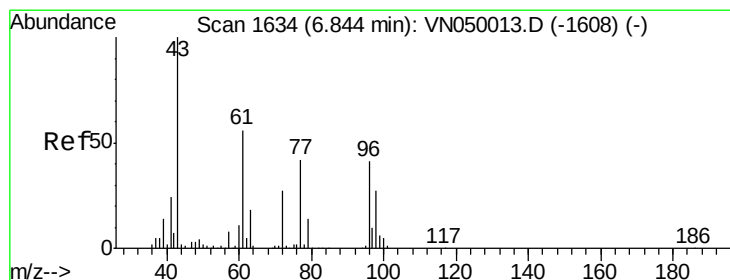
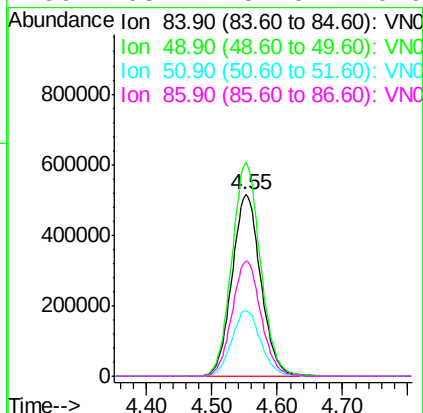
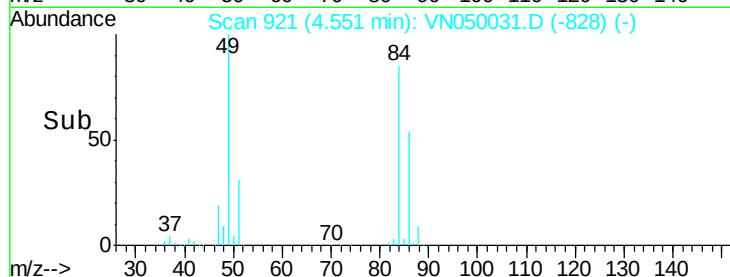
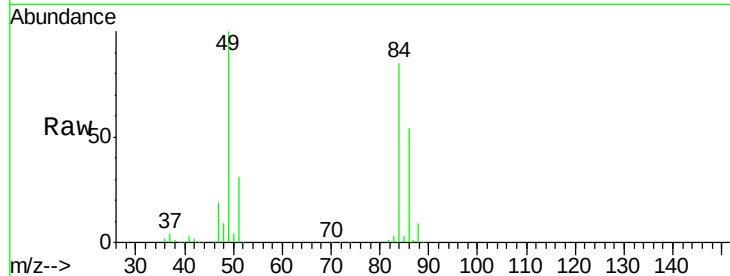




#20
Methvlene Chloride
Concen: 215.82 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tot Ion: 84 Resp: 1574616

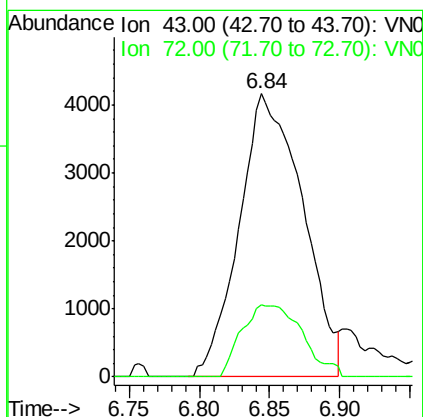
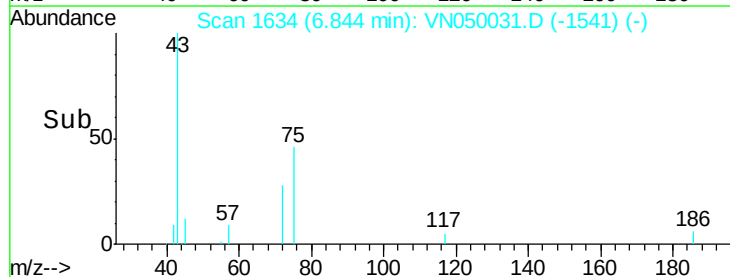
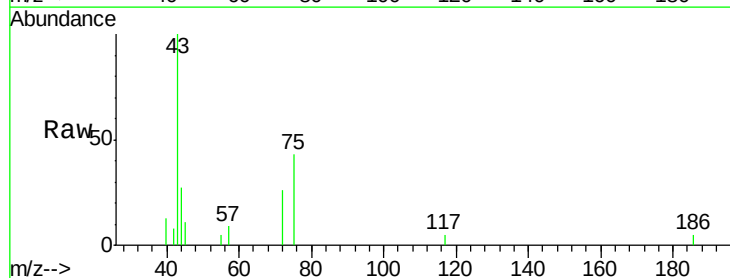
Ion	Ratio	Lower	Upper
84	100		
49	117.7	94.8	142.2
51	36.3	28.3	42.5
86	63.7	51.0	76.6

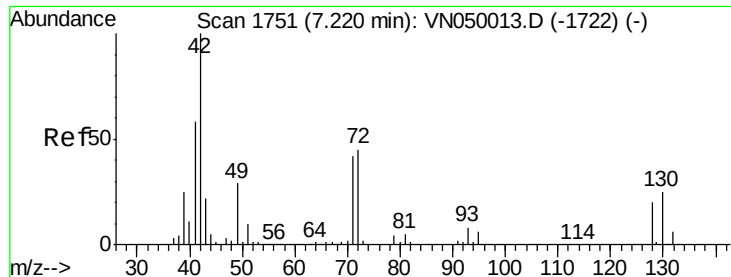


#25
2-Butanone
Concen: 4.09 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 43 Resp: 13089

Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.5	32.3





#29

Tetrahydrofuran

Concen: 0.34 ug/l

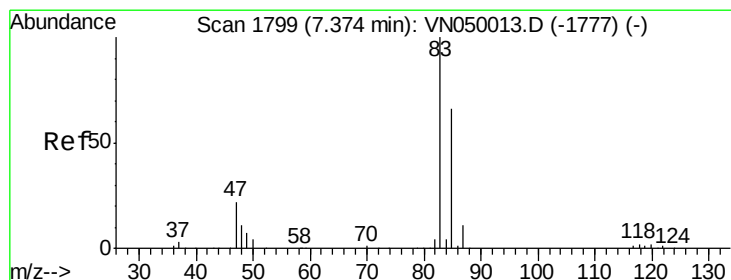
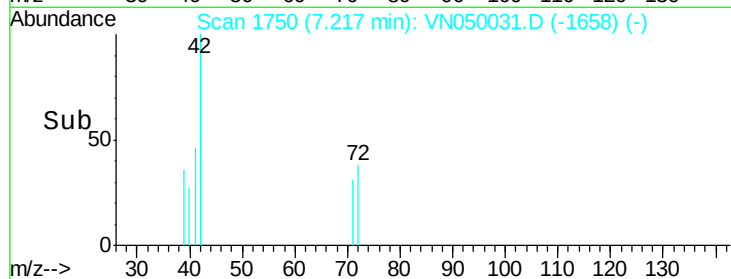
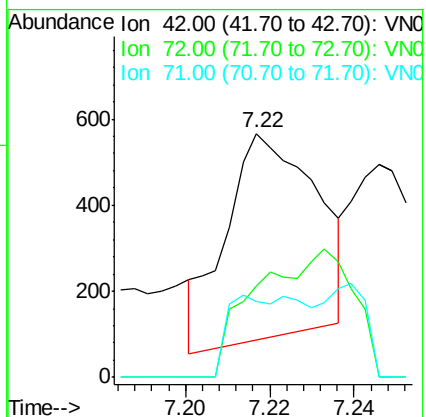
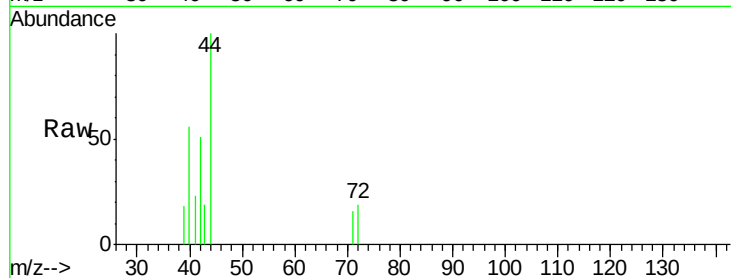
RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Tot Ion:	42	Resp:	706
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	19.3	33.7	50.5#



#30

Chloroform

Concen: 0.36 ug/l

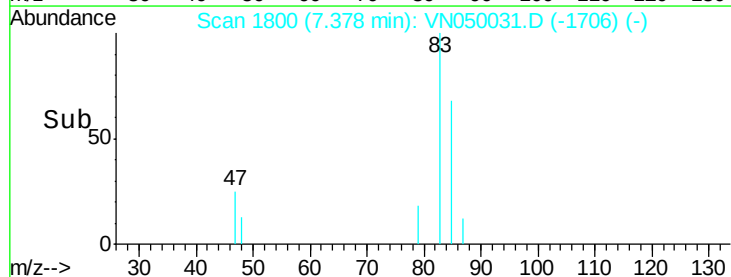
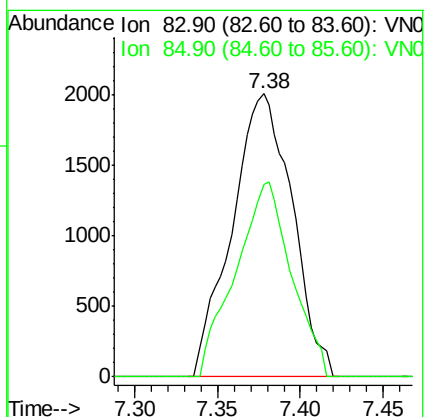
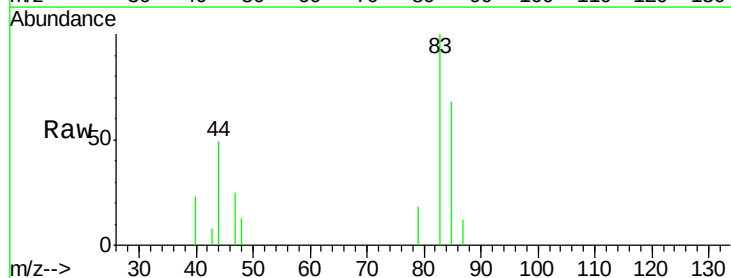
RT: 7.38 min Scan# 1800

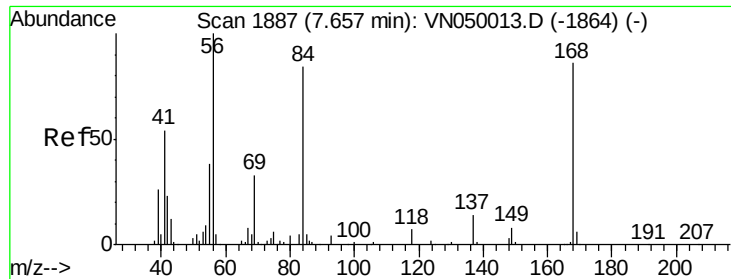
Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

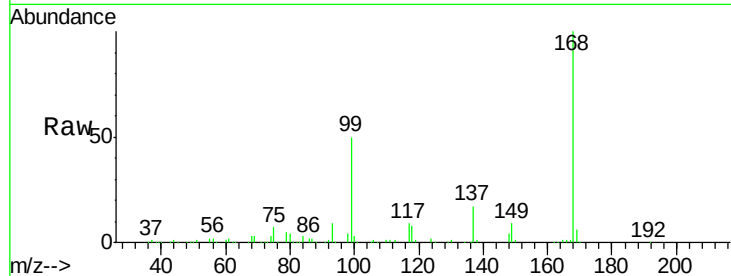
Tgt Ion:	83	Resp:	5068
Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.5	78.7



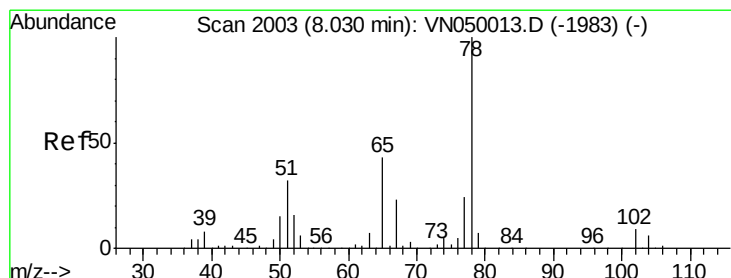
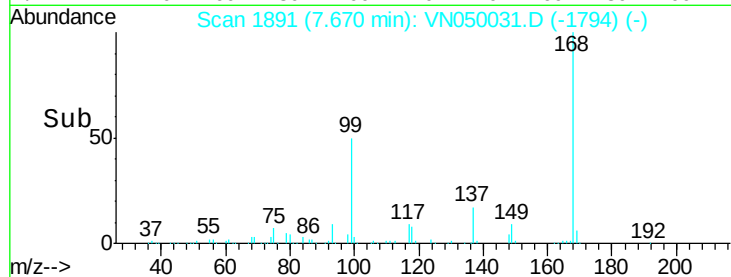
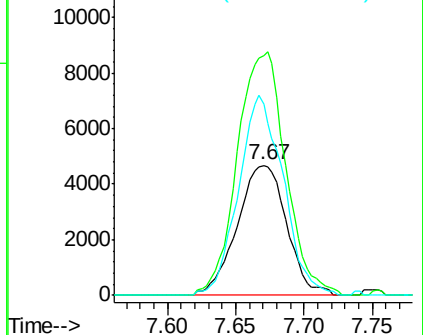


#31
Cvclohexane
Concen: 0.95 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tot Ion: 56 Resp: 11785
Ion Ratio Lower Upper
56 100
69 185.3 26.2 39.4#
84 147.0 67.4 101.0#

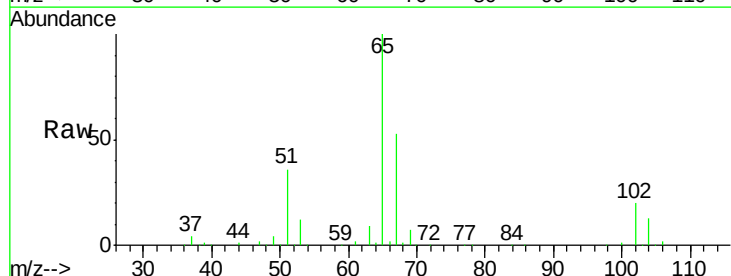


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

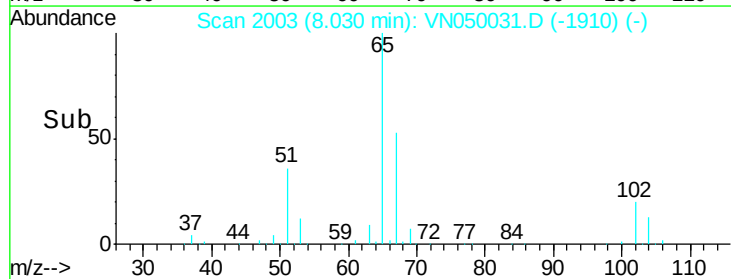
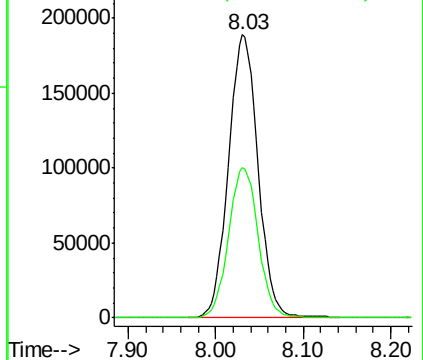


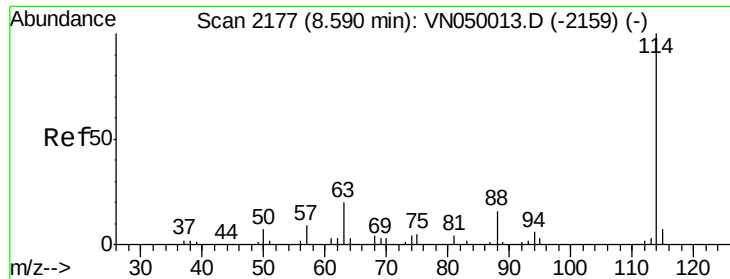
#33
1,2-Dichloroethane-d4
Concen: 52.80 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 65 Resp: 443026
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.4



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

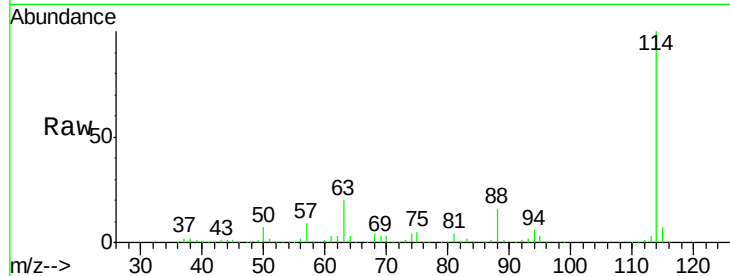




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tot Ion:114 Resp: 1002464

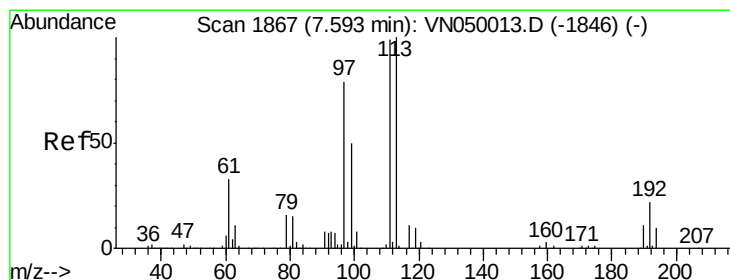
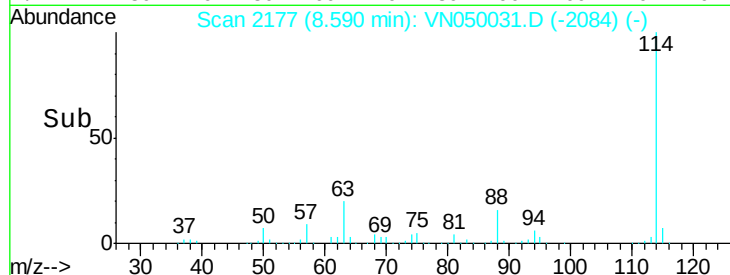
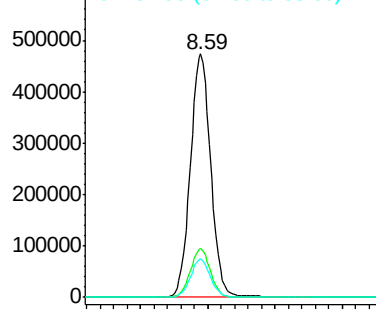
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.0
88	15.7	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

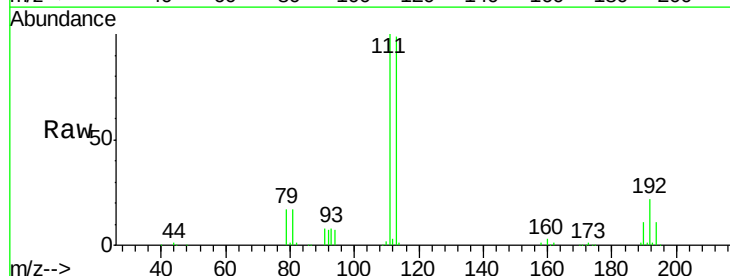
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 47.74 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion:113 Resp: 390763

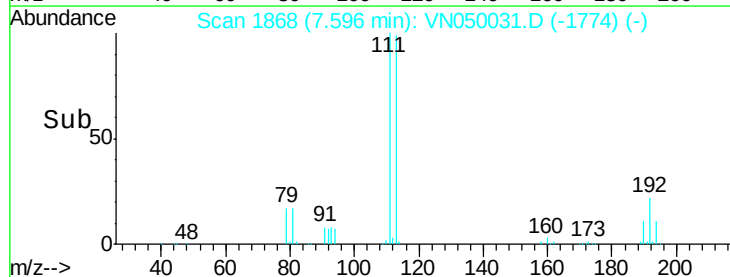
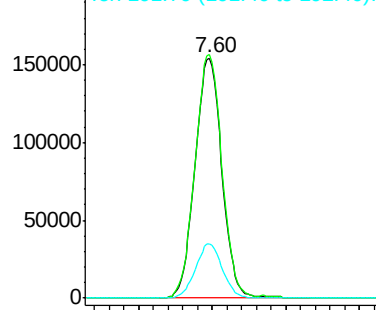
Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.7	121.1
192	22.5	17.8	26.6

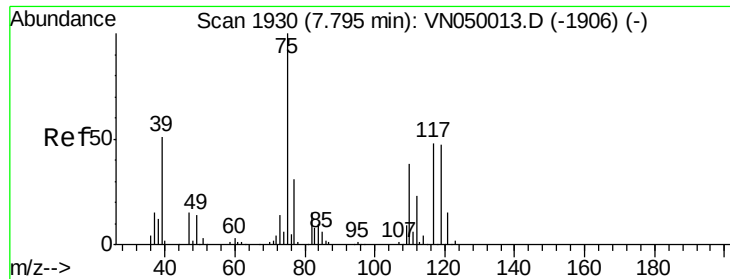


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

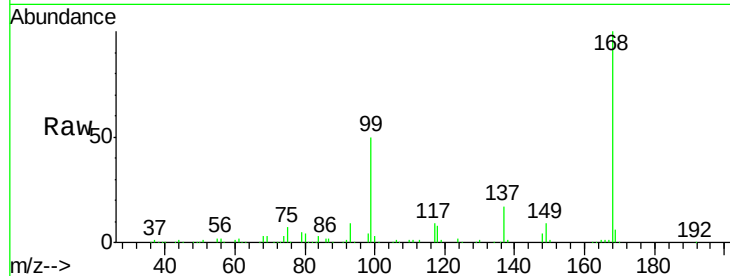
Ion 191.70 (191.40 to 192.40): V





#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

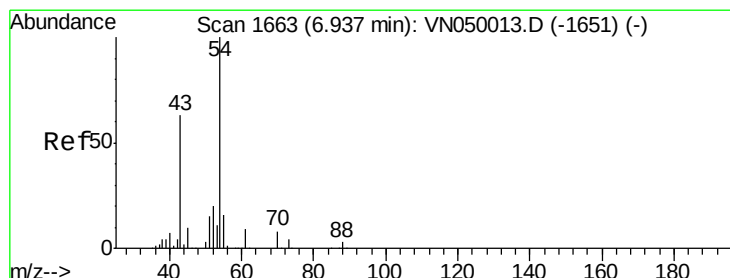
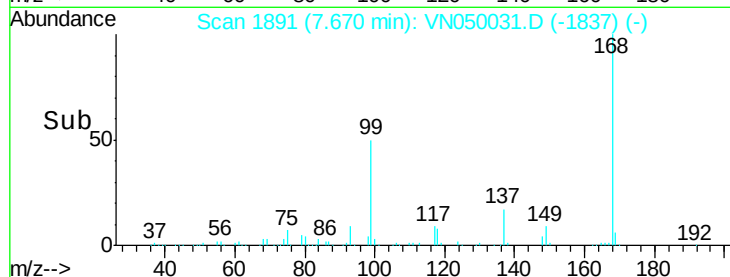
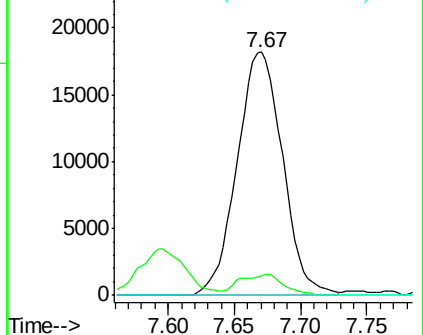
Tot Ion	75	Resp	43605
Ion Ratio	100	Lower	Upper
110	8.6	18.4	55.2#
77	0.0	25.3	37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN050031.D (-1891) (-)

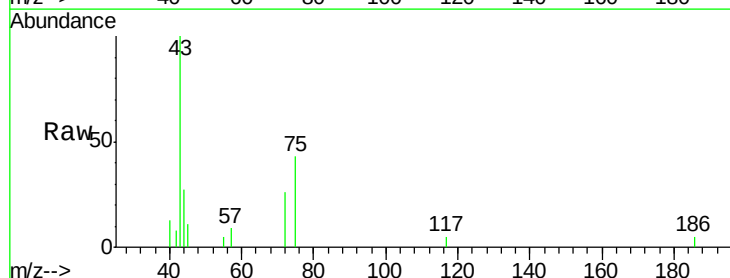
Ion 109.90 (109.60 to 110.60): VN050031.D (-1891) (-)

Ion 76.90 (76.60 to 77.60): VN050031.D (-1891) (-)



#37
 Ethyl Acetate
 Concen: 1.66 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. -0.09 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

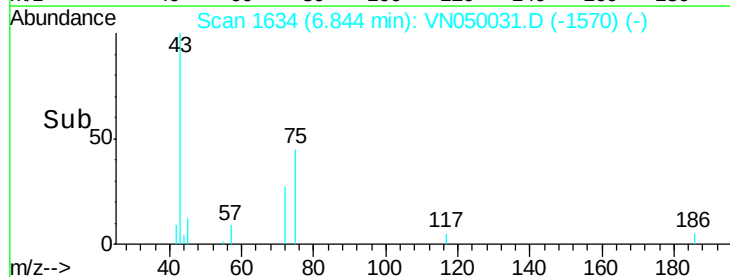
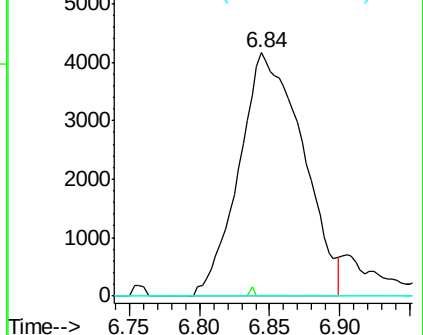
Tgt Ion	43	Resp	13089
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
61	0.2	11.8	17.8#
70	0.0	8.4	12.6#

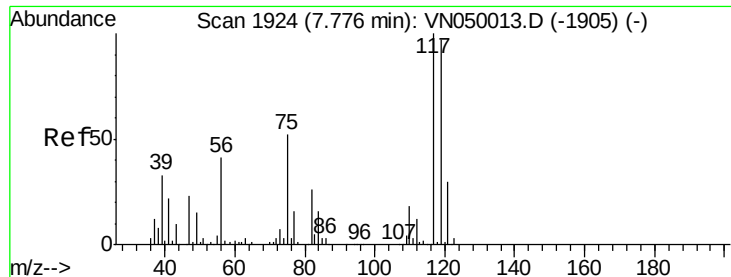


Abundance Ion 43.00 (42.70 to 43.70): VN050031.D (-1570) (-)

Ion 60.90 (60.60 to 61.60): VN050031.D (-1570) (-)

Ion 70.00 (69.70 to 70.70): VN050031.D (-1570) (-)





#38

Carbon Tetrachloride

Concen: 4.64 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

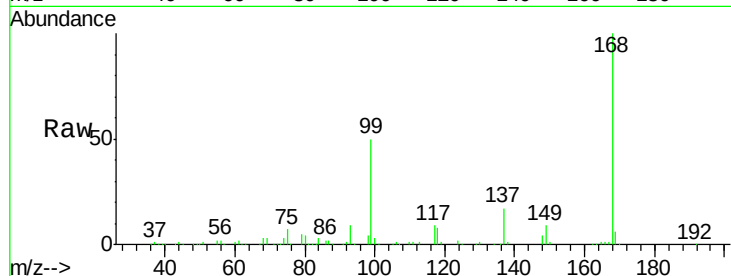
Tot Ion: 117 Resp: 55612

Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

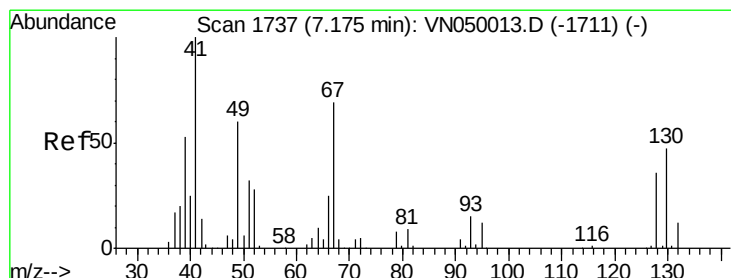
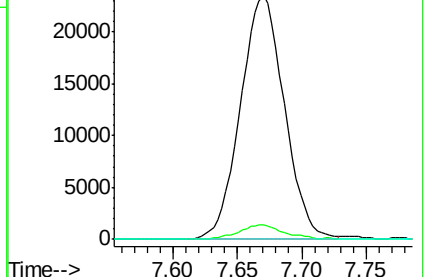
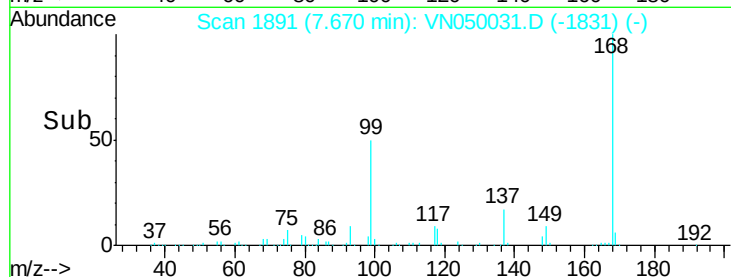
121 0.0 23.9 35.9#



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: 2.82 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Tgt Ion: 41 Resp: 300

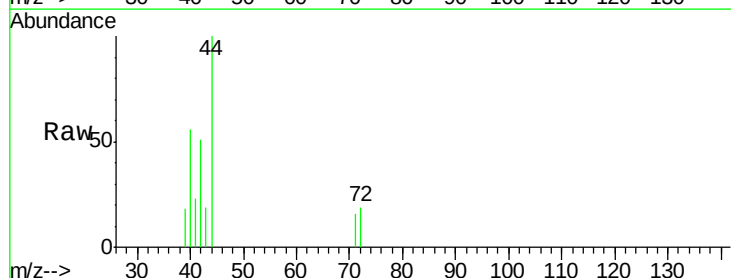
Ion Ratio Lower Upper

41 100

39 126.7 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

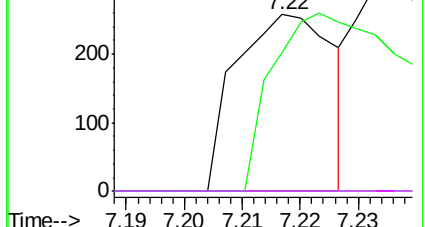
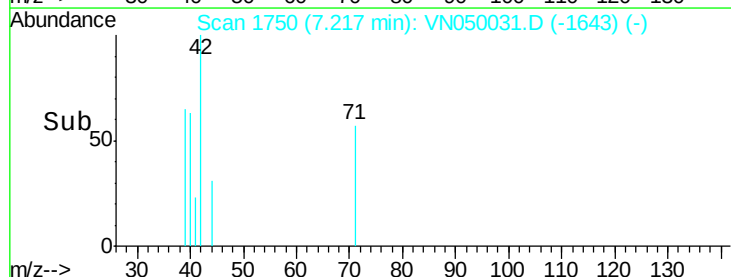


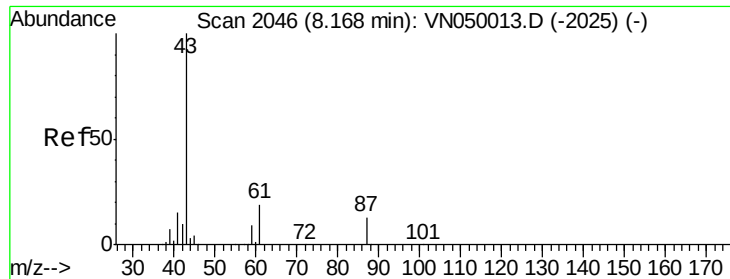
Abundance Ion 41.00 (40.70 to 41.70): VNO

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: 11.48 ug/l

RT: 8.23 min Scan# 2065

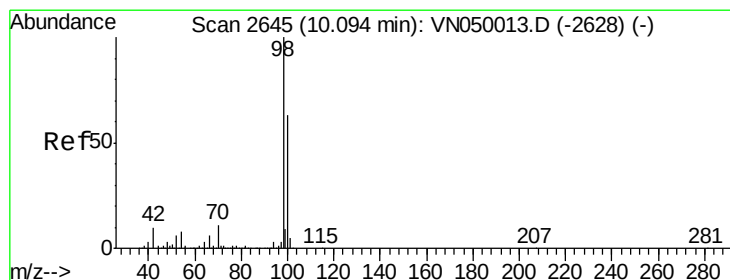
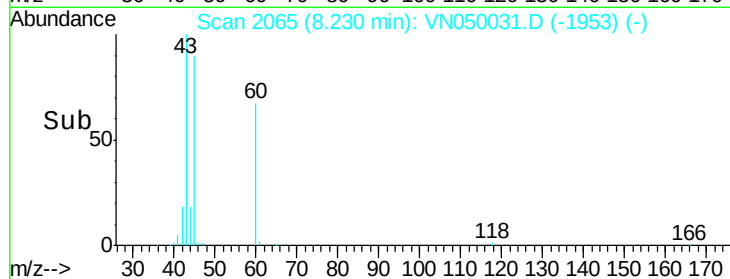
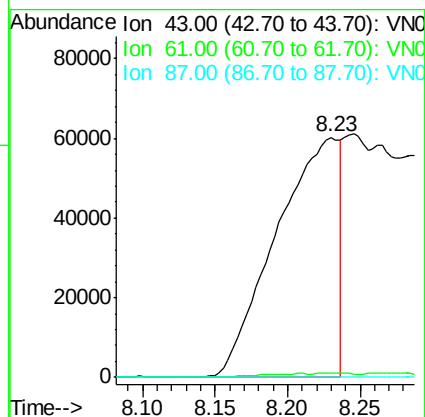
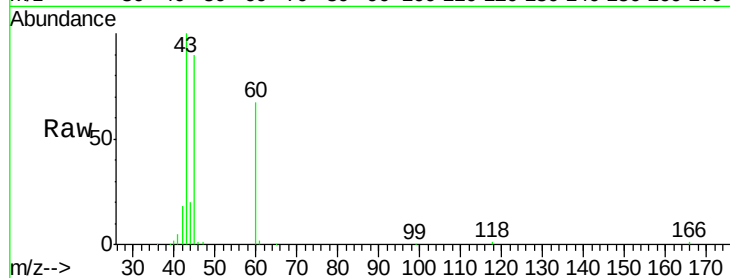
Delta R.T. 0.06 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Tot Ion: 43 Resp: 183427

Ion	Ratio	Lower	Upper
43	100		
61	1.3	15.8	23.6#
87	0.0	10.3	15.5#



#50

Toluene-d8

Concen: 44.53 ug/l

RT: 10.09 min Scan# 2645

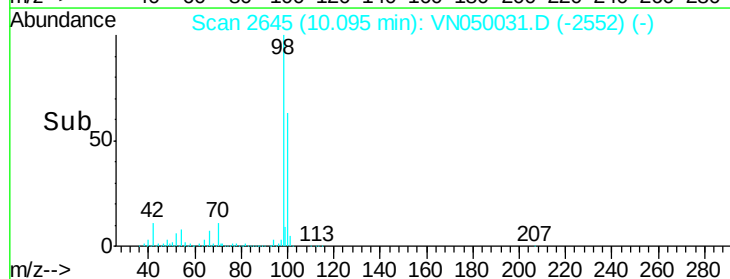
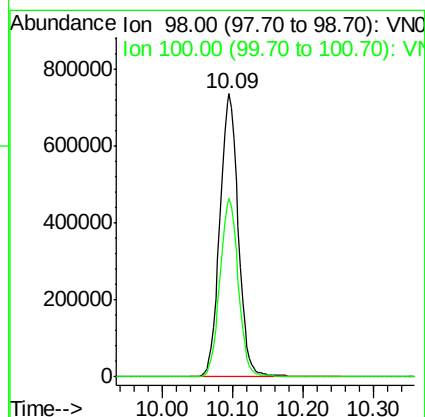
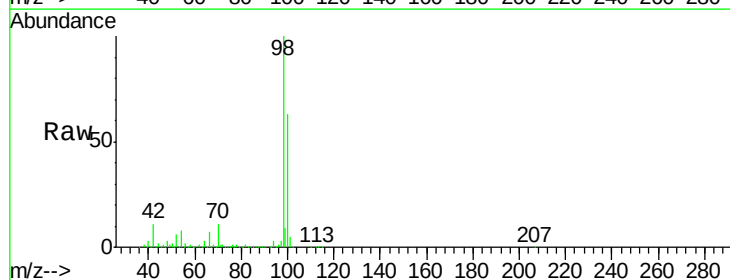
Delta R.T. 0.00 min

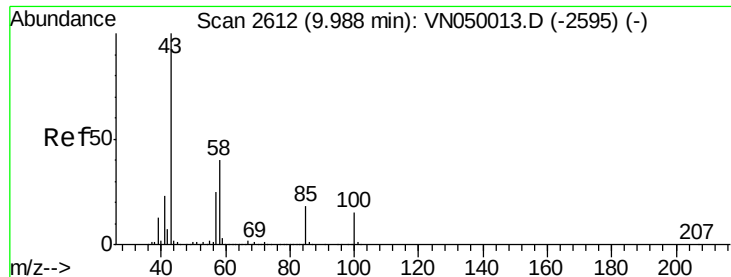
Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

Tgt Ion: 98 Resp: 1339980

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050031.D

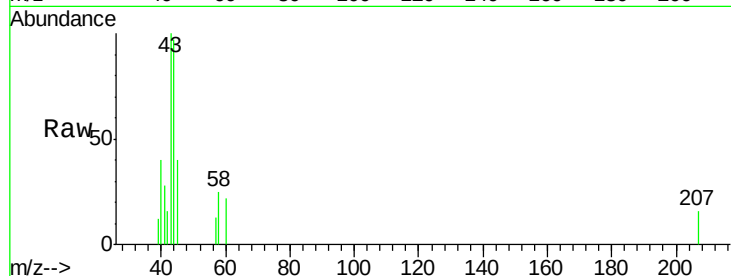
Acq: 24 Jul 2018 19:38

Tot Ion: 43 Resp: 1663

Ion Ratio Lower Upper

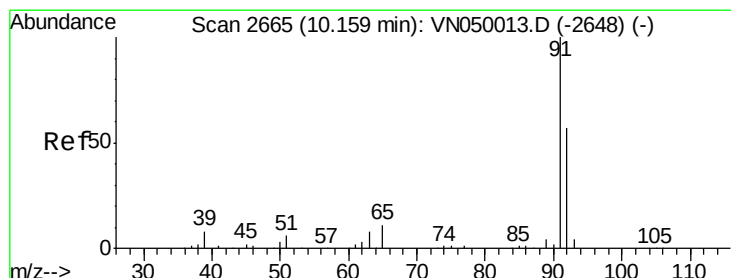
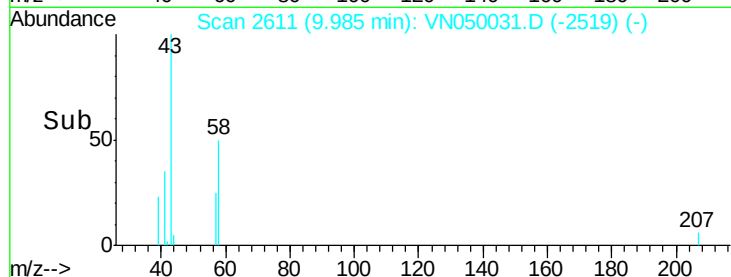
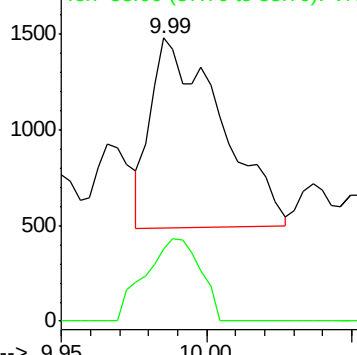
43 100

58 34.1 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.62 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050031.D

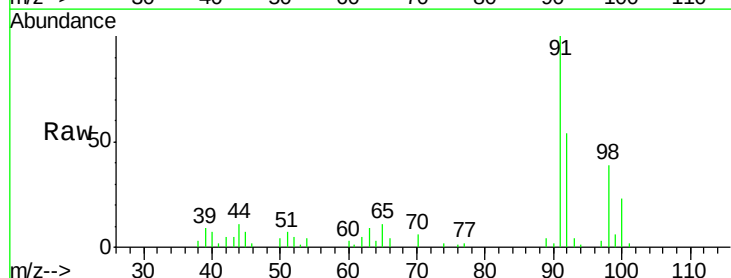
Acq: 24 Jul 2018 19:38

Tgt Ion: 92 Resp: 12654

Ion Ratio Lower Upper

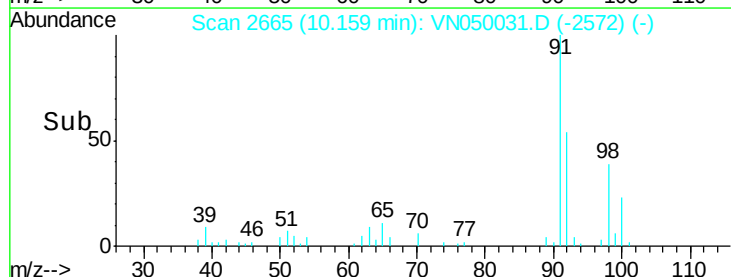
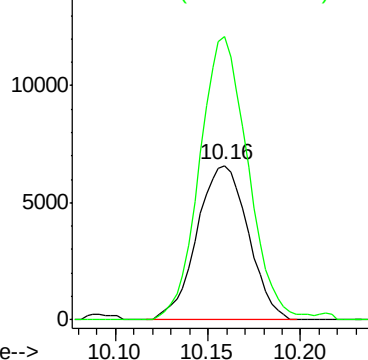
92 100

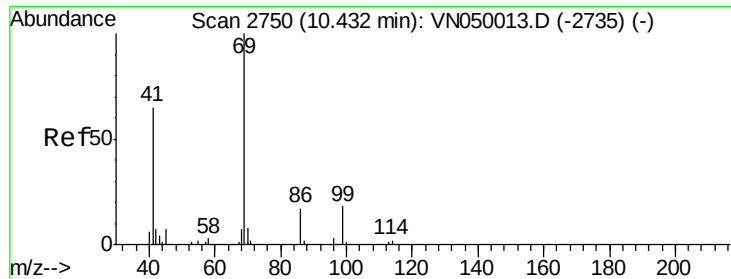
91 173.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

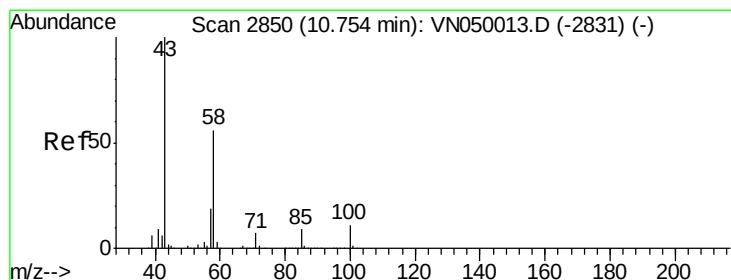
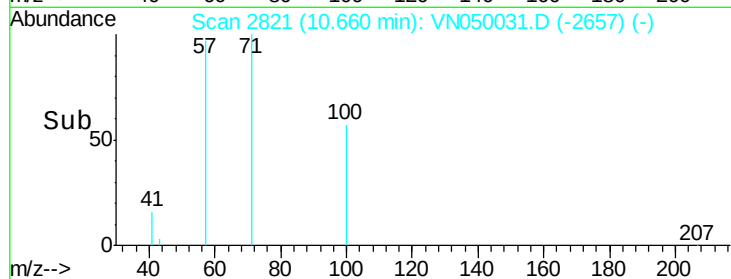
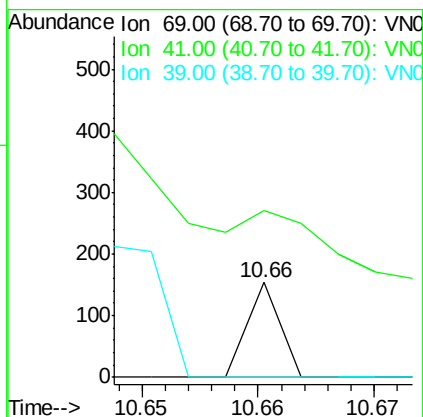
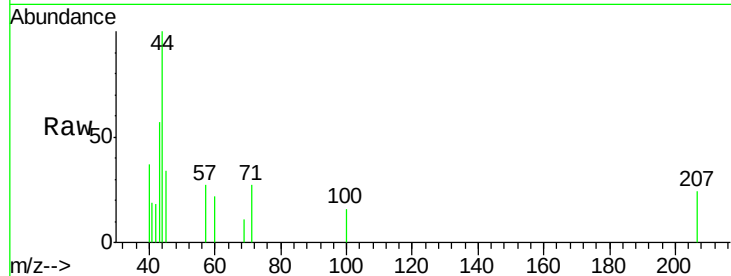
Ion 91.00 (90.70 to 91.70): VN0





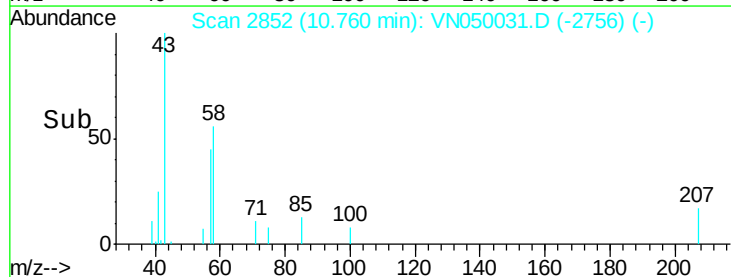
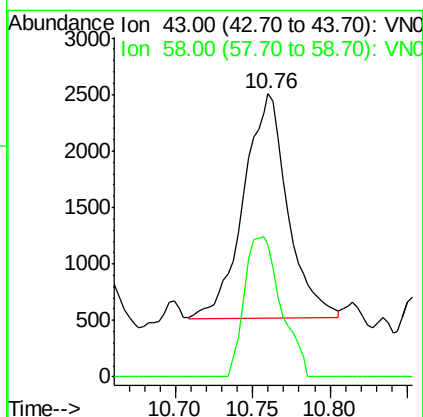
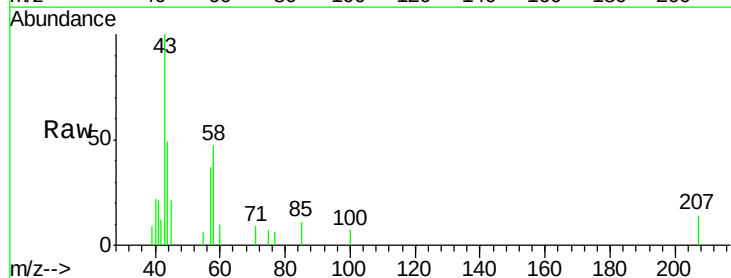
#56
Ethyl methacrylate
Concen: 2.03 ug/l
RT: 10.66 min Scan# 2821
Delta R.T. 0.23 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

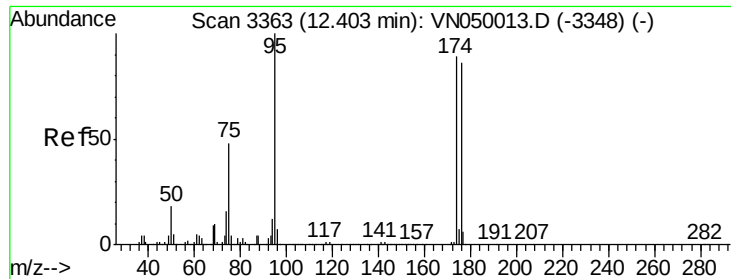
Tot Ion	69.00	Resp	30
Ion Ratio	Lower	Upper	
69	100		
41	606.7	51.0	76.4#
39	380.0	26.6	40.0#



#59
2-Hexanone
Concen: 5.86 ug/l
RT: 10.76 min Scan# 2852
Delta R.T. 0.01 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

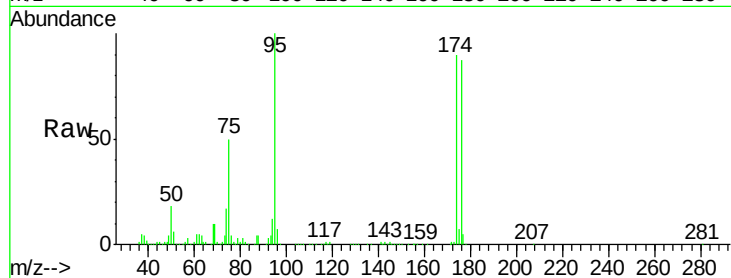
Tgt Ion	43.00	Resp	3970
Ion Ratio	Lower	Upper	
43	100		
58	51.6	27.6	82.7



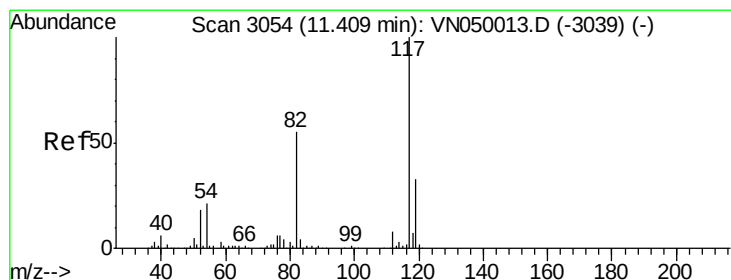
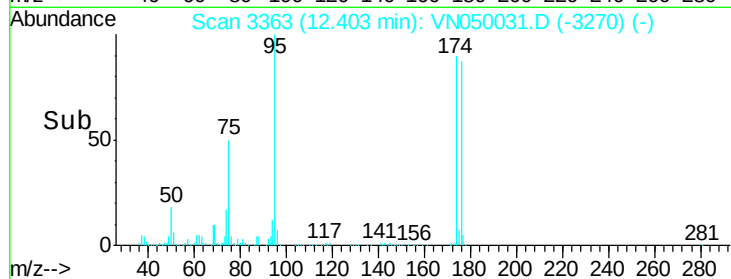
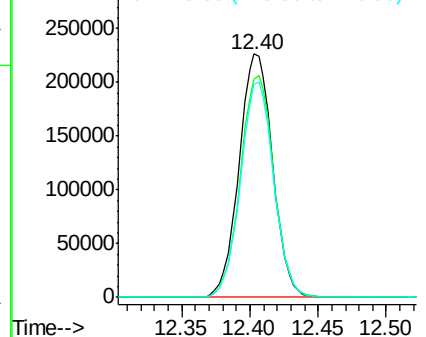


#62
4-Bromofluorobenzene
Concen: 38.90 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tot Ion: 95 Resp: 385443
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.6 0.0 173.4

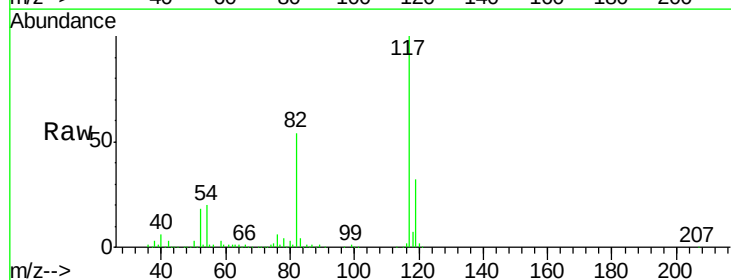


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): VN0
Ion 175.80 (175.50 to 176.50): VN0

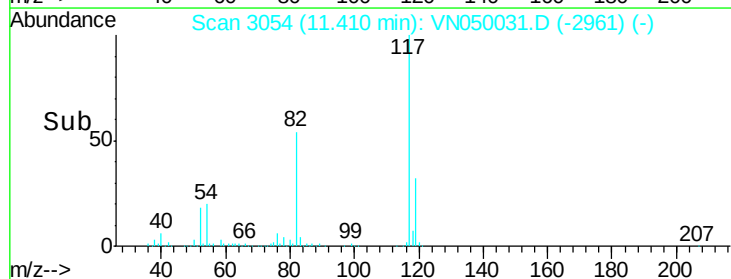
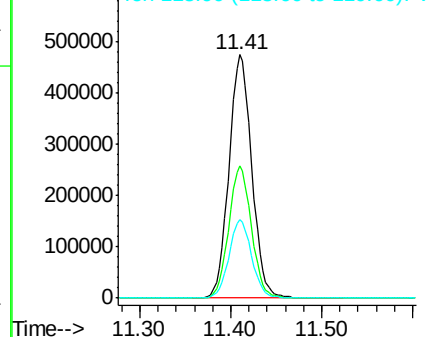


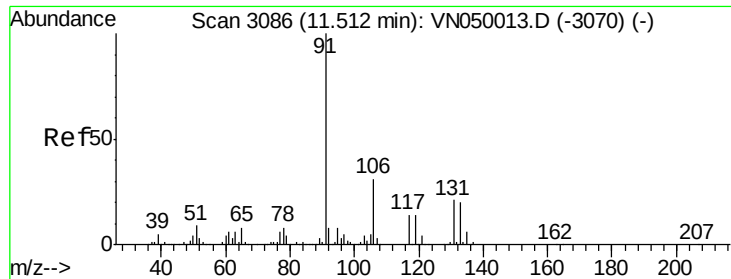
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 117 Resp: 824160
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.1 26.1 39.1



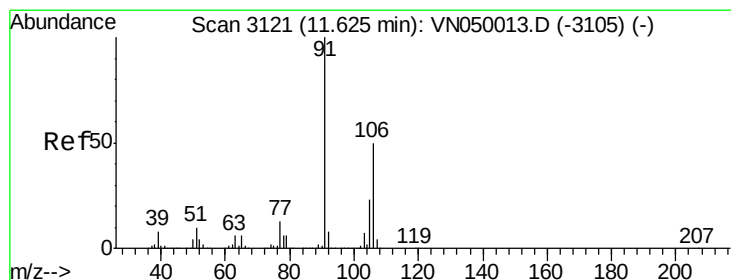
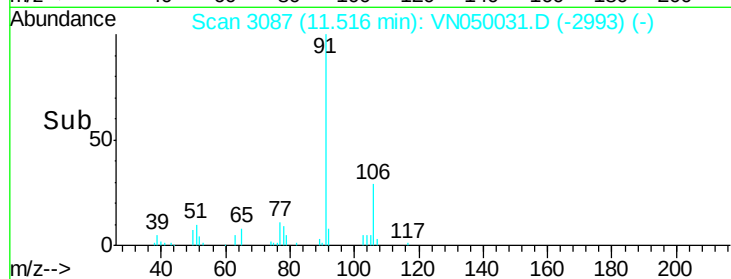
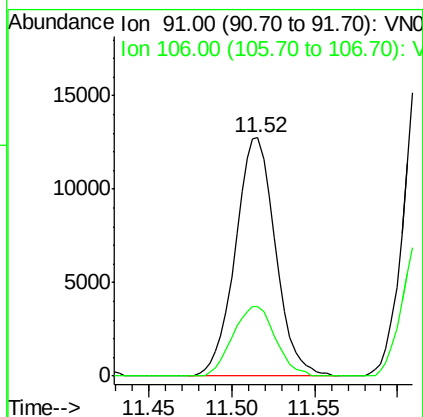
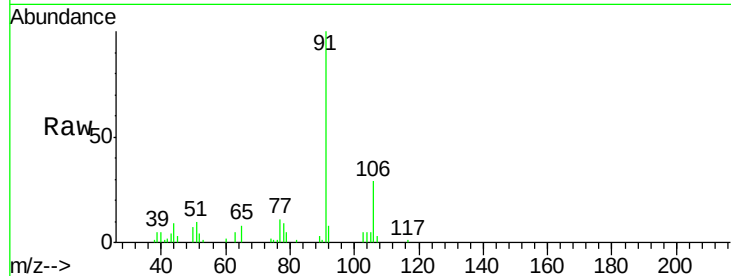
Abundance Ion 116.90 (116.60 to 117.60): VN0
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): VN0





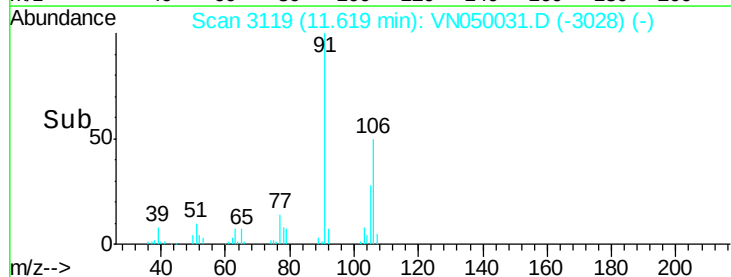
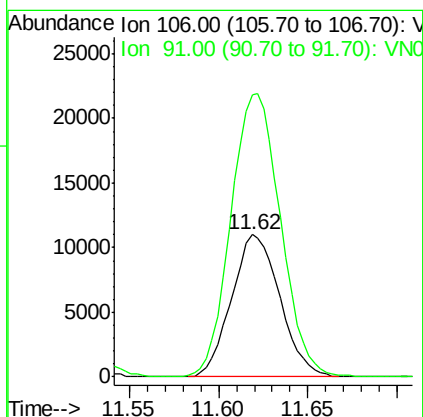
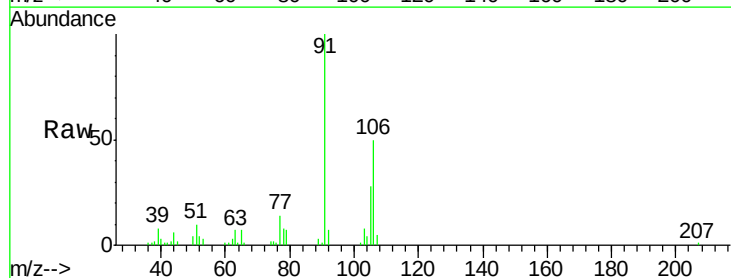
#67
Ethyl Benzene
Concen: 0.64 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

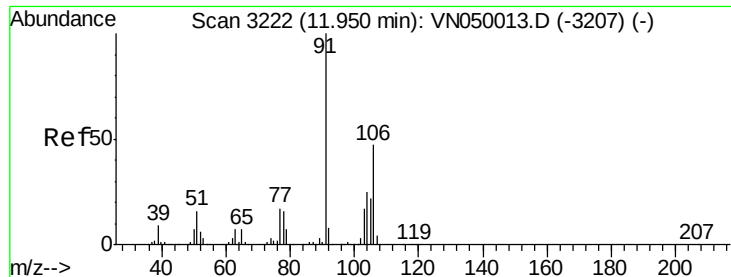
Tot Ion: 91 Resp: 21455
Ion Ratio Lower Upper
91 100
106 29.5 25.0 37.4



#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

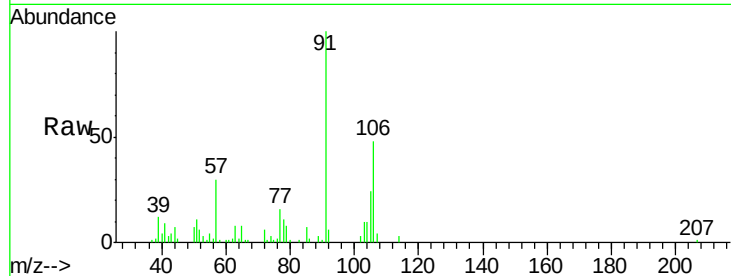
Tgt Ion: 106 Resp: 20784
Ion Ratio Lower Upper
106 100
91 204.4 162.2 243.2



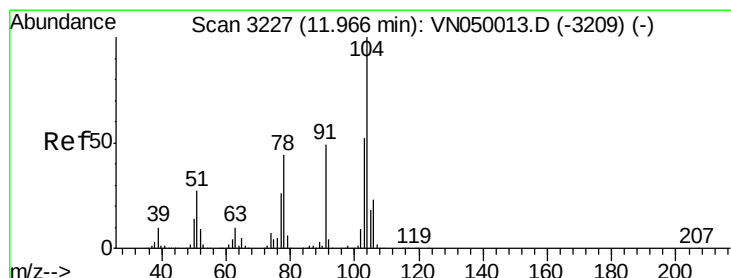
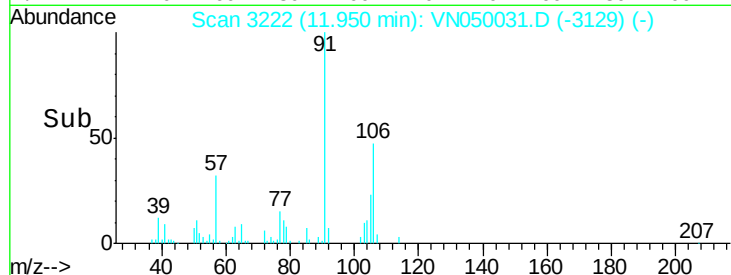
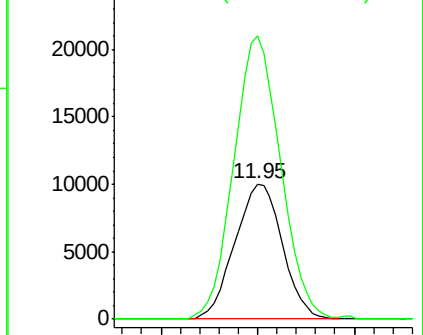


#69
o-Xylene
Concen: 1.42 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tot Ion:106 Resp: 17071
Ion Ratio Lower Upper
106 100
91 207.2 107.7 323.1

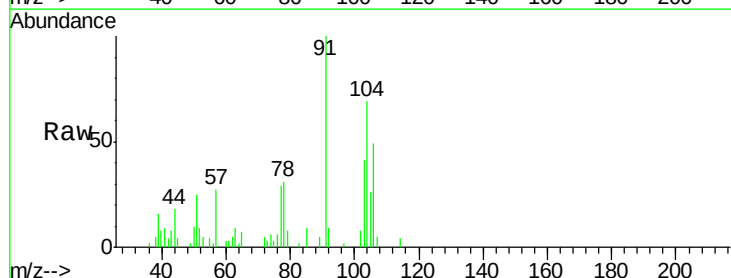


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

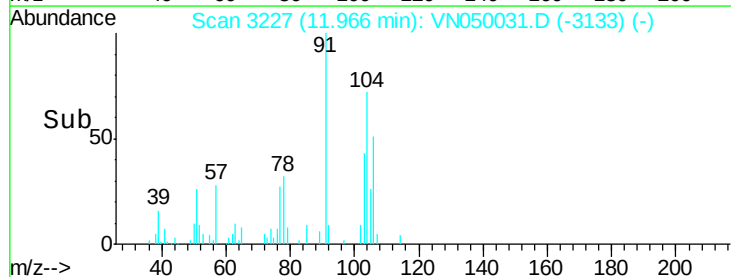
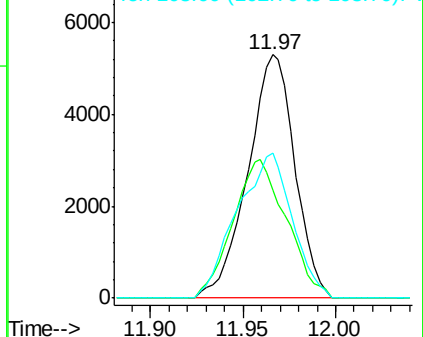


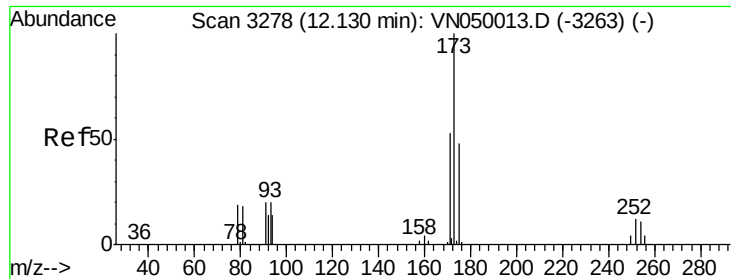
#70
Styrene
Concen: 1.35 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion:104 Resp: 9328
Ion Ratio Lower Upper
104 100
78 64.7 39.3 58.9#
103 70.0 45.0 67.6#



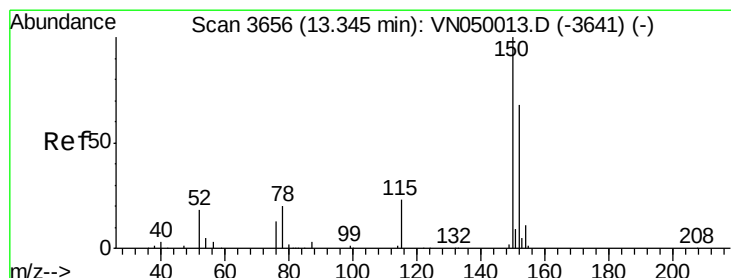
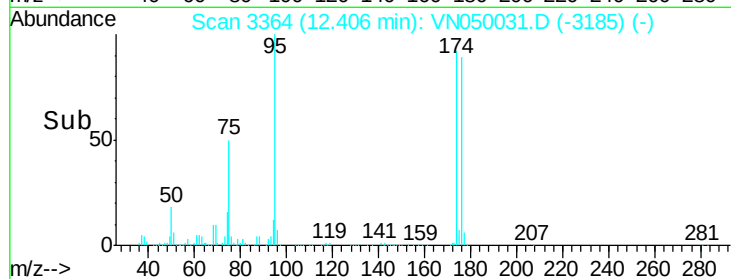
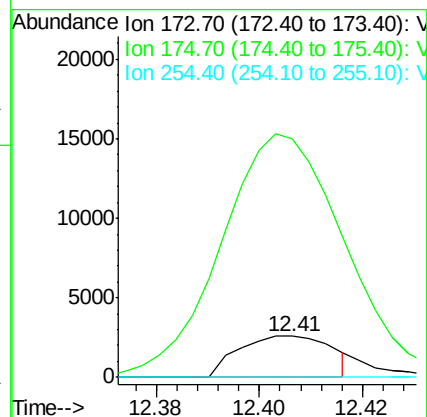
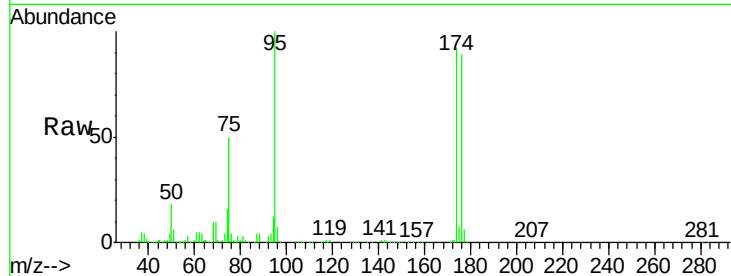
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





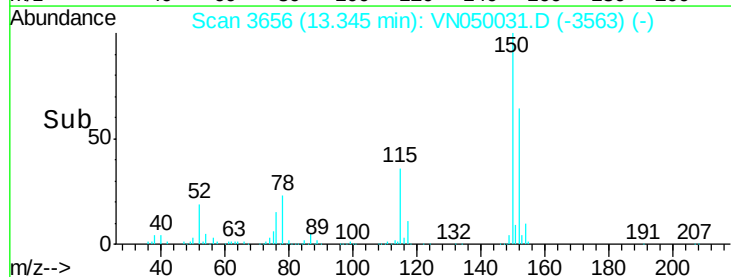
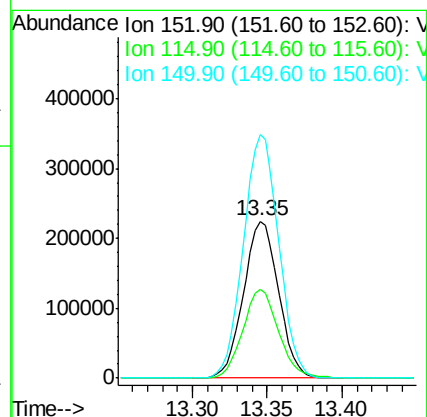
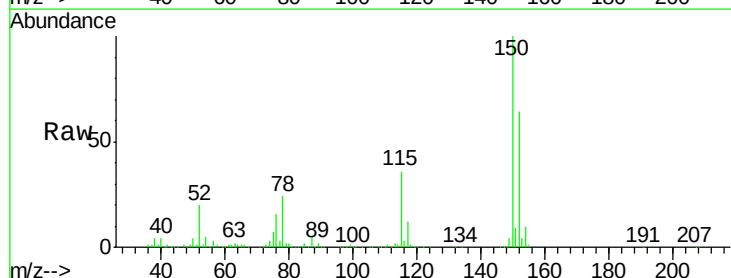
#71
Bromoform
Concen: 0.56 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

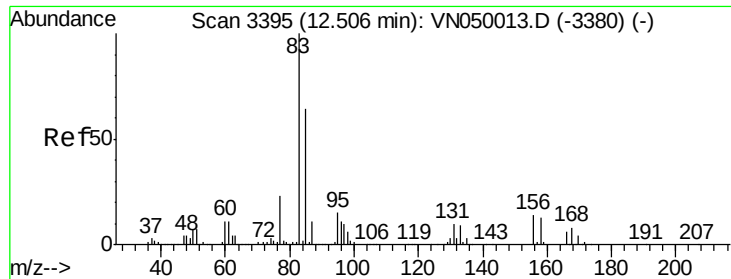
Tot Ion:173 Resp: 3256
Ion Ratio Lower Upper
173 100
175 683.4 24.1 72.2#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion:152 Resp: 365210
Ion Ratio Lower Upper
152 100
115 57.7 27.8 83.3
150 157.3 0.0 348.6





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

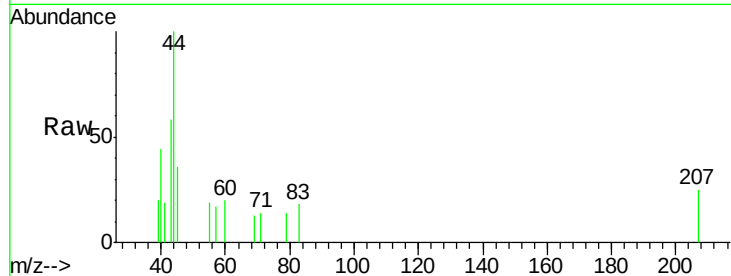
RT: 12.55 min Scan# 3410

Delta R.T. 0.05 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

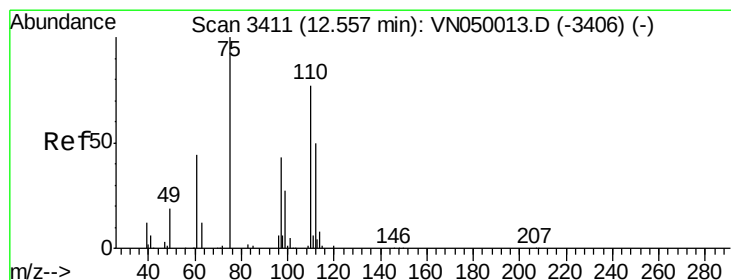
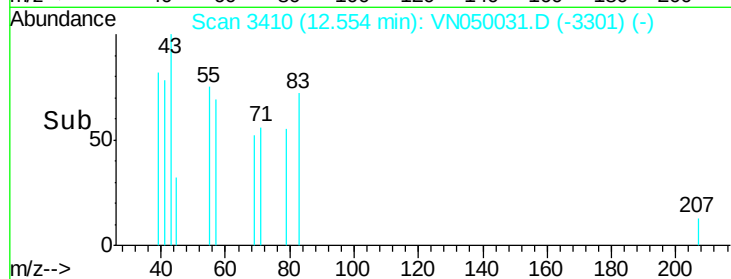
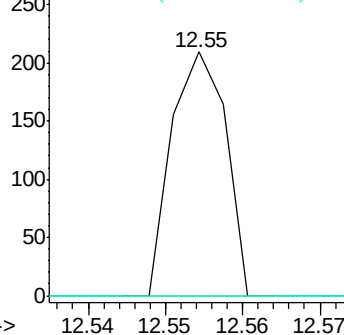
Tot Ion:	83	Resp:	102
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	32.3	96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.02 ug/l

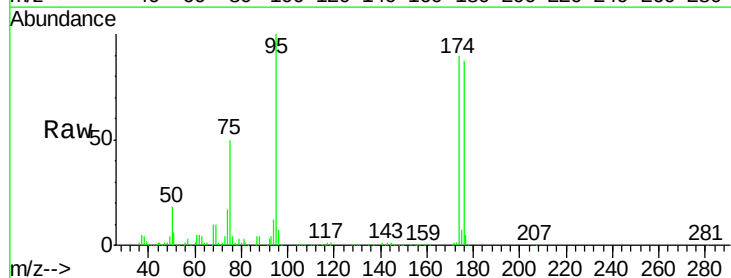
RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050031.D

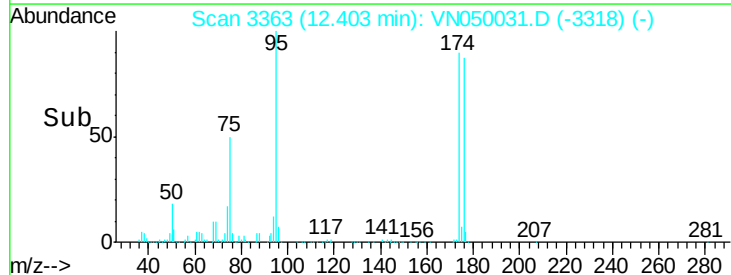
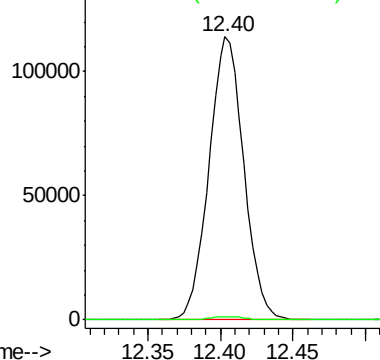
Acq: 24 Jul 2018 19:38

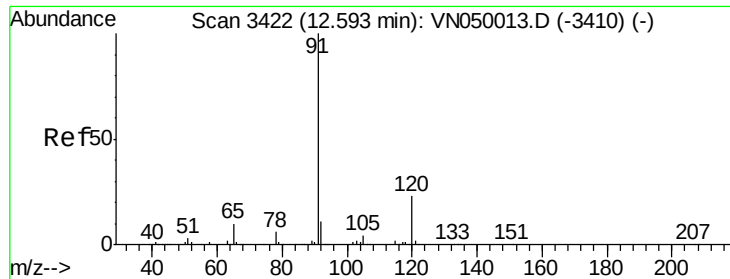
Tgt Ion:	75	Resp:	190157
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050031.D

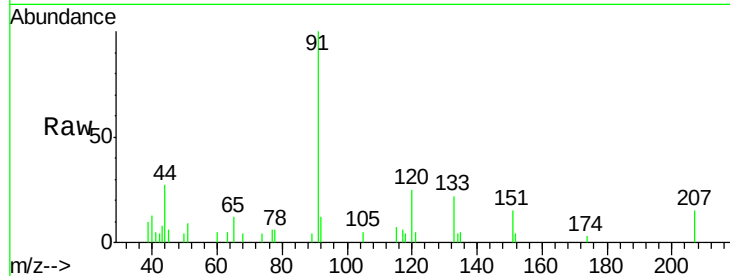
Acq: 24 Jul 2018 19:38

Tot Ion: 91 Resp: 7672

Ion Ratio Lower Upper

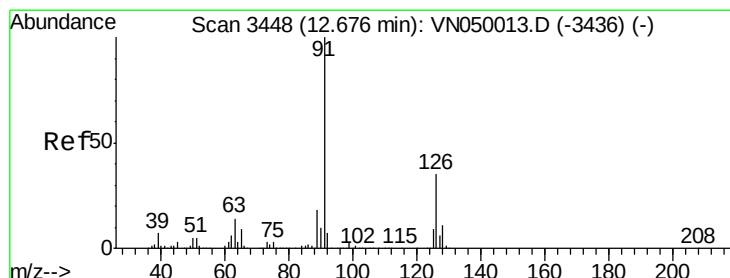
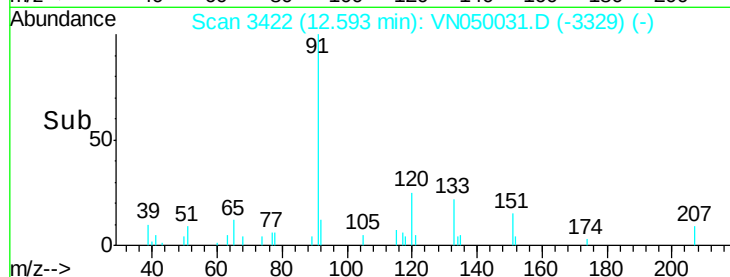
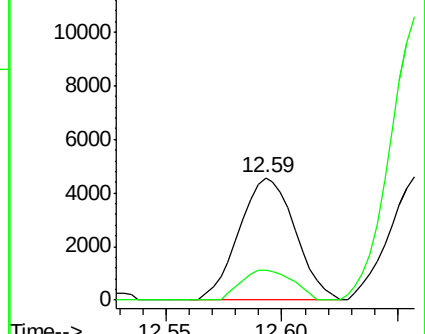
91 100

120 22.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.39 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. -0.02 min

Lab File: VN050031.D

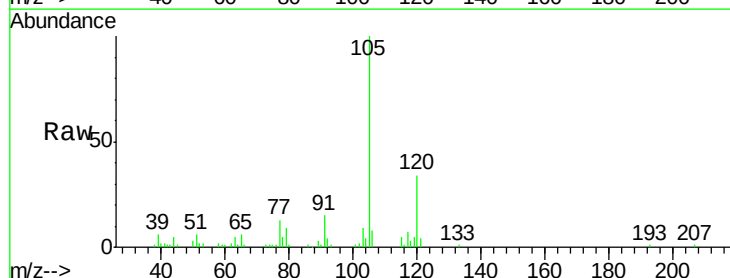
Acq: 24 Jul 2018 19:38

Tgt Ion: 91 Resp: 7606

Ion Ratio Lower Upper

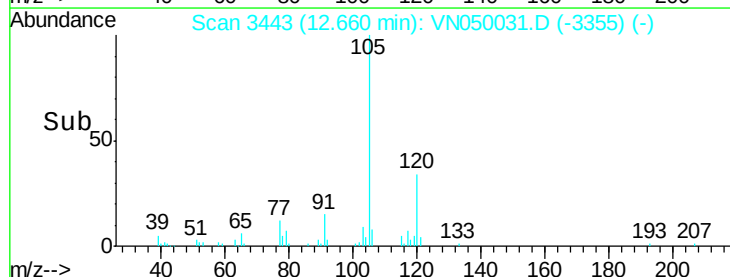
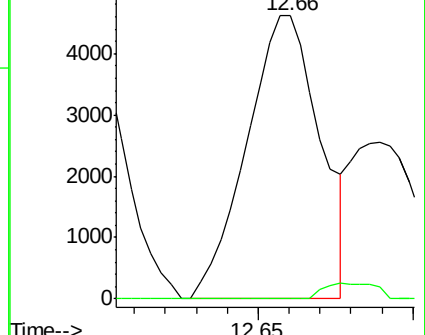
91 100

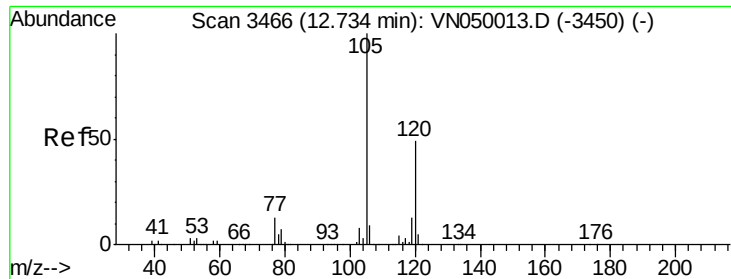
126 3.9 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.66 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050031.D

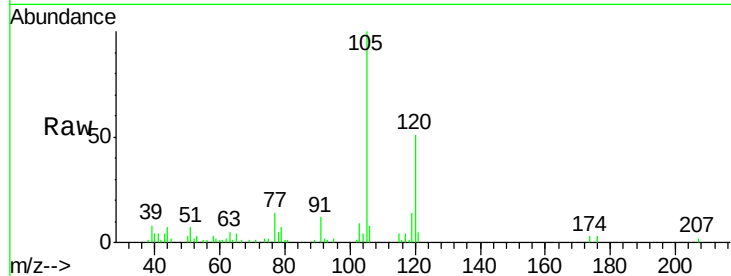
Acq: 24 Jul 2018 19:38

Tot Ion:105 Resp: 37044

Ion Ratio Lower Upper

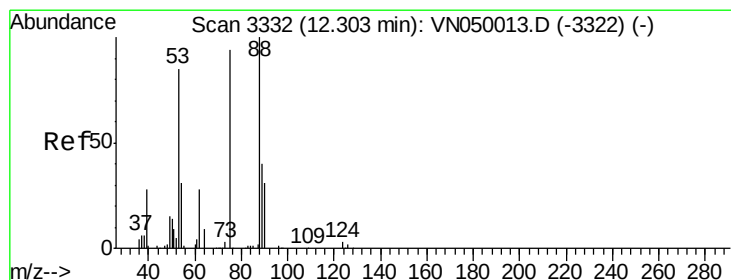
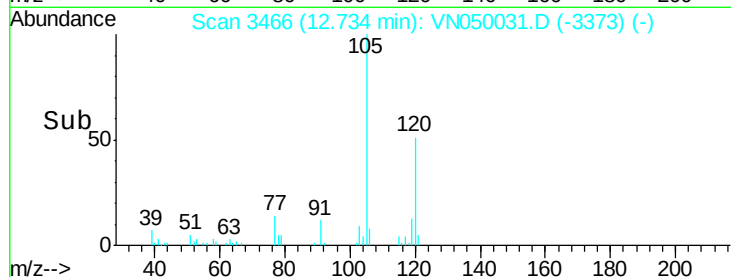
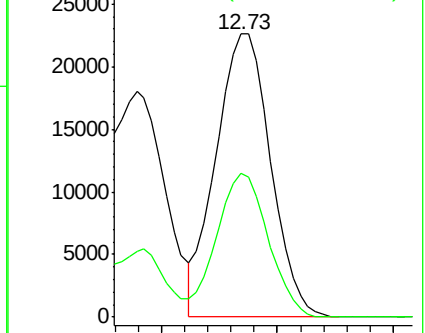
105 100

120 47.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 88.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

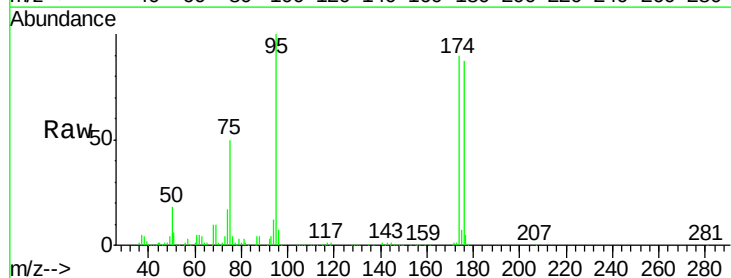
Tgt Ion: 75 Resp: 190157

Ion Ratio Lower Upper

75 100

53 0.3 73.5 110.3#

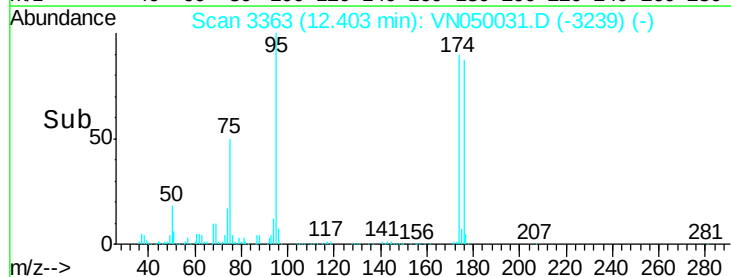
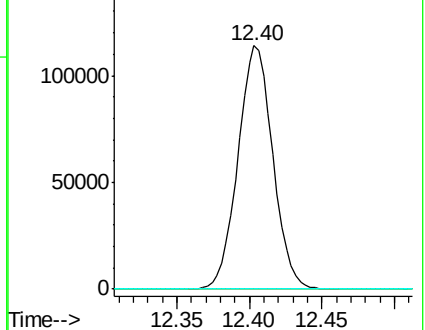
89 0.0 36.0 54.0#

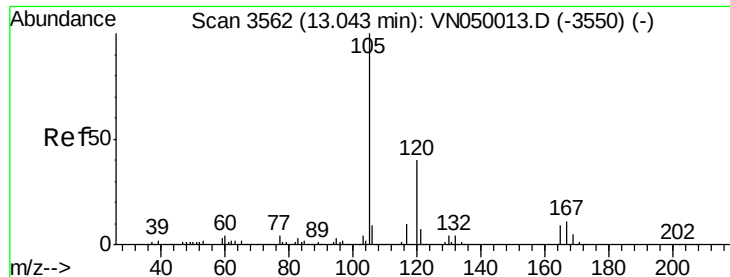


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

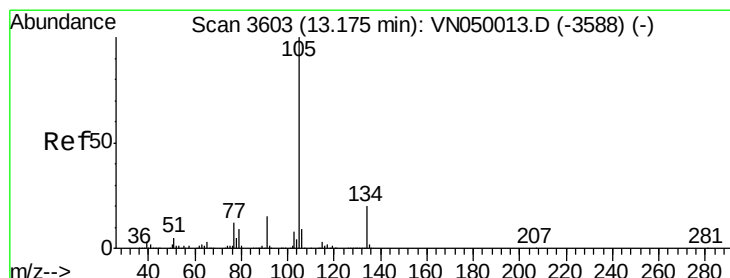
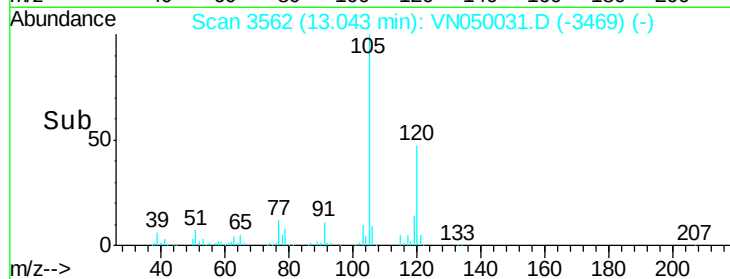
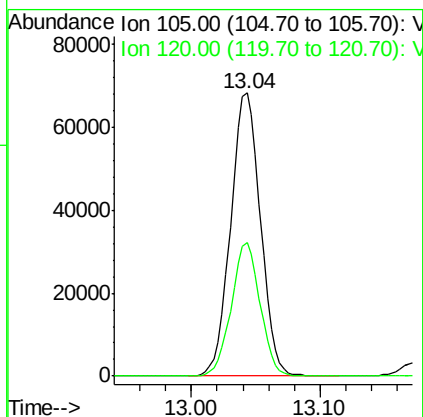
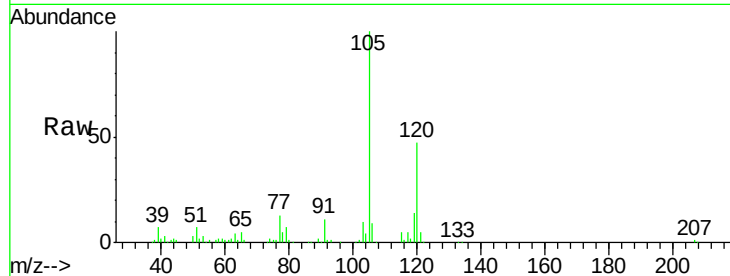
Ion 88.90 (88.60 to 89.60): VNO





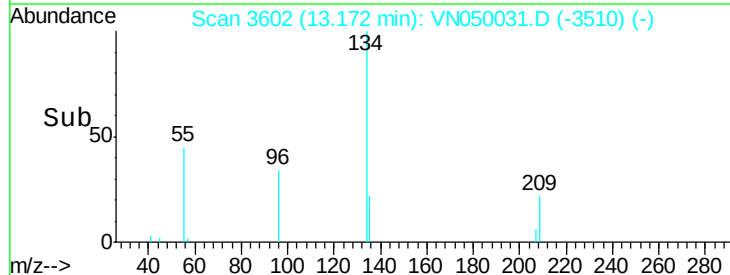
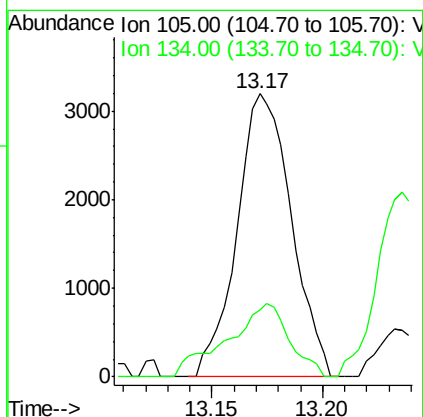
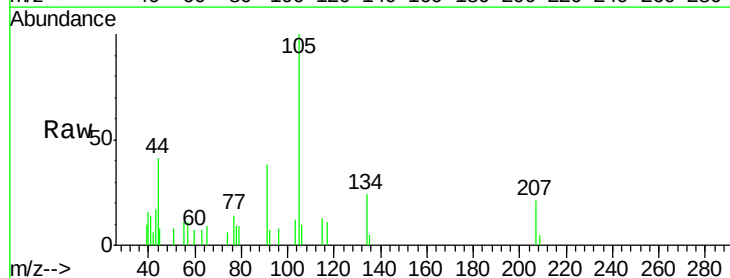
#84
1,2,4-Trimethylbenzene
Concen: 4.87 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

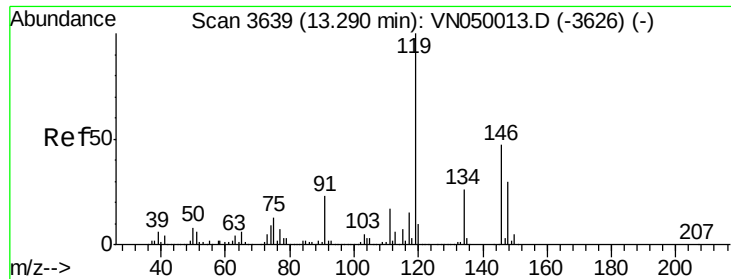
Tot Ion:105 Resp: 109293
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7



#85
sec-Butylbenzene
Concen: 0.21 ug/l
RT: 13.17 min Scan# 3602
Delta R.T. -0.00 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

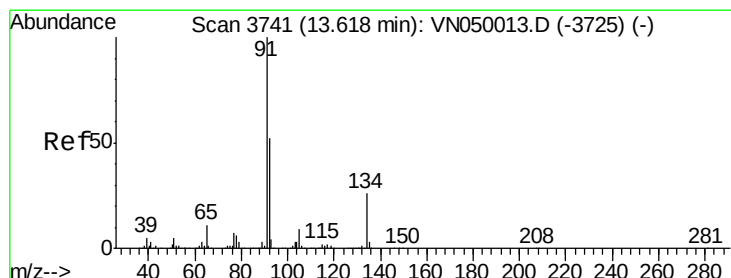
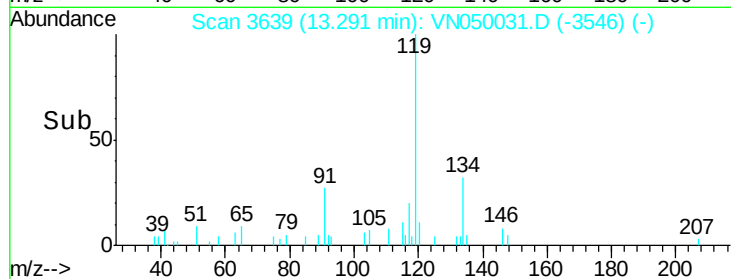
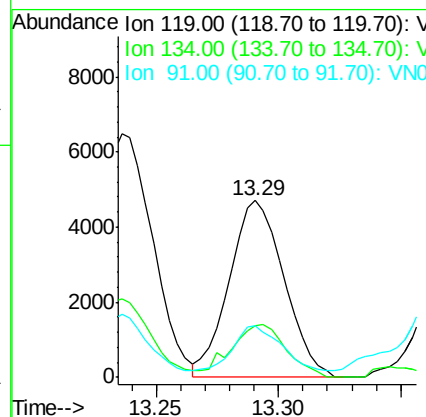
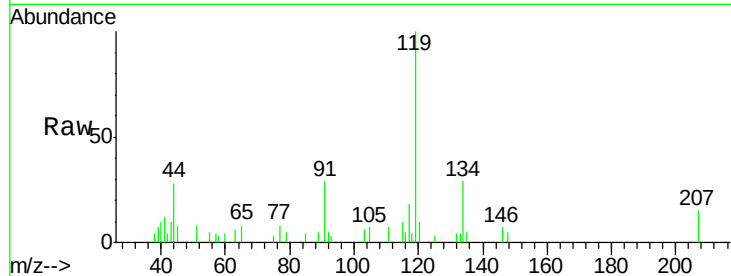
Tgt Ion:105 Resp: 5468
Ion Ratio Lower Upper
105 100
134 29.5 10.1 30.1





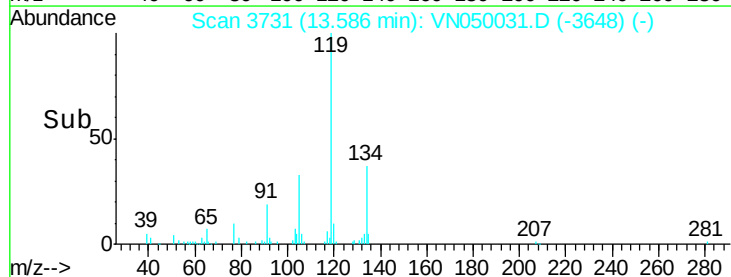
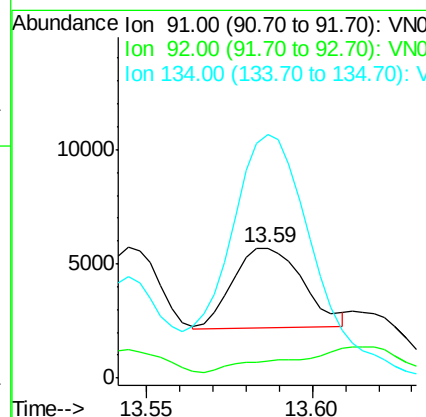
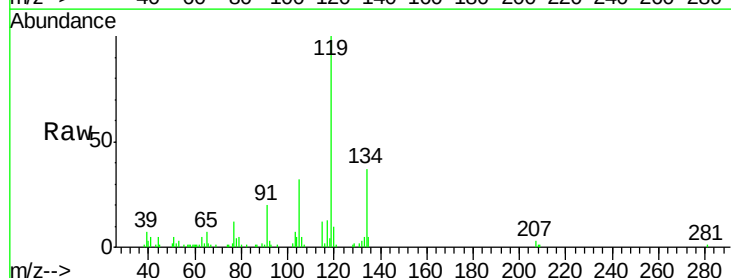
#86
 p-Isopropyltoluene
 Concen: 0.34 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

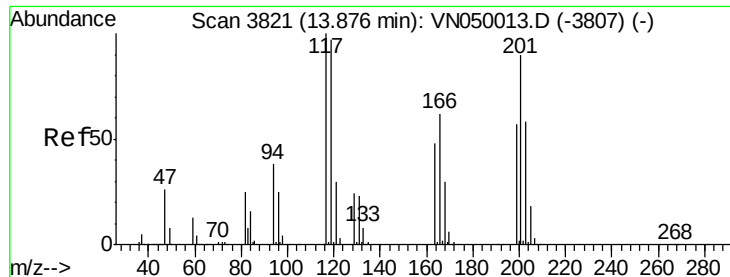
Tot Ion: 119 Resp: 7341
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.3 39.8
 91 21.8 11.4 34.2



#89
 n-Butylbenzene
 Concen: 0.29 ug/l
 RT: 13.59 min Scan# 3731
 Delta R.T. -0.03 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

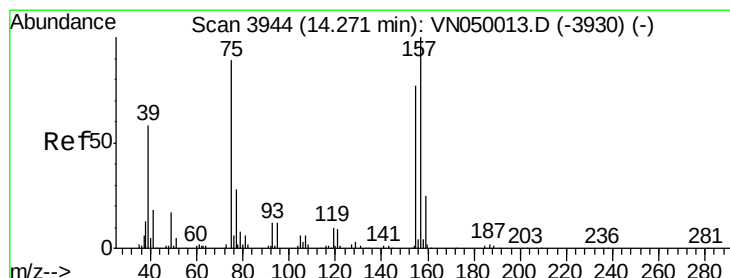
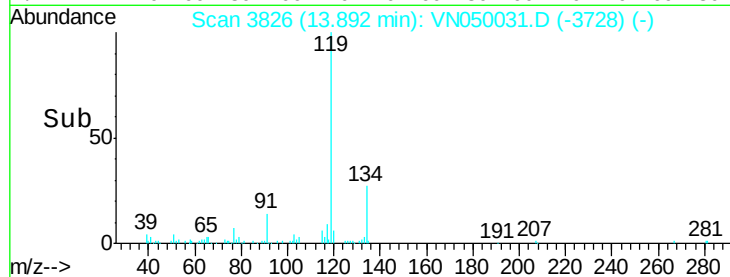
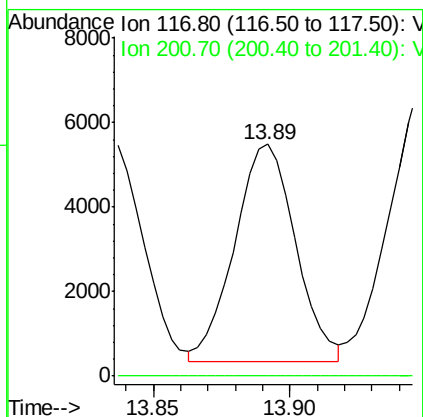
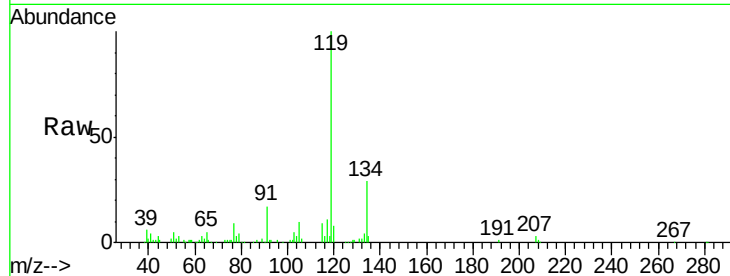
Tgt Ion: 91 Resp: 5139
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.8 77.4#
 134 374.5 12.8 38.4#





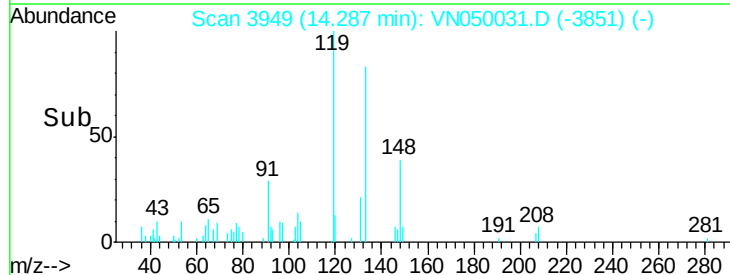
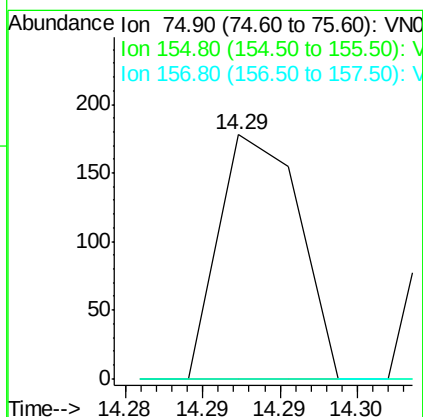
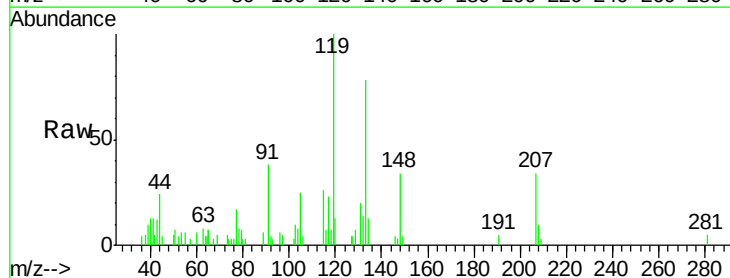
#90
Hexachloroethane
Concen: 1.64 ua/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

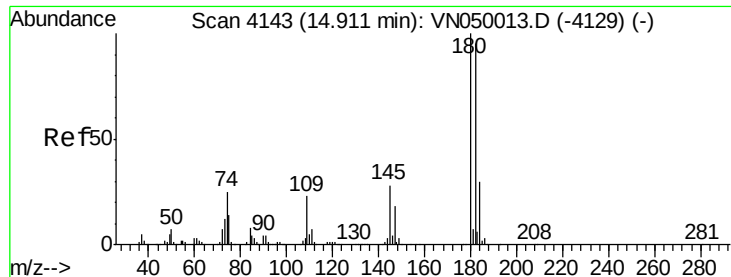
Tot Ion: 117 Resp: 7980
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.29 min Scan# 3949
Delta R.T. 0.02 min
Lab File: VN050031.D
Acq: 24 Jul 2018 19:38

Tgt Ion: 75 Resp: 64
Ion Ratio Lower Upper
75 100
155 0.0 44.8 134.4#
157 0.0 57.2 171.6#





#93

1,2,4-Trichlorobenzene

Concen: 4.23 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

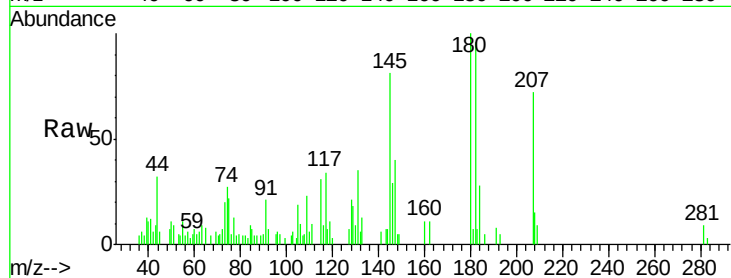
Tot Ion:180 Resp: 8627

Ion Ratio Lower Upper

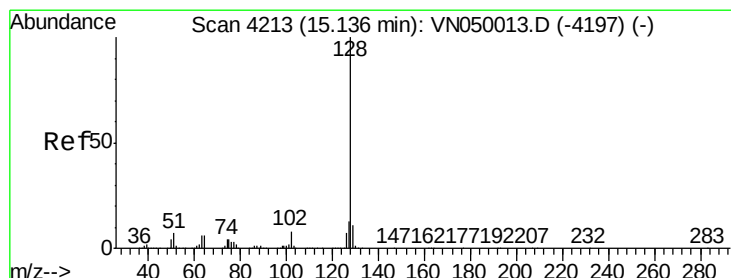
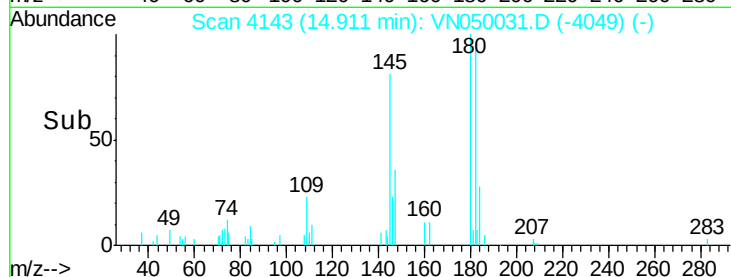
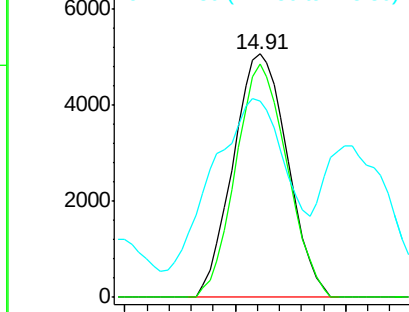
180 100

182 90.6 46.7 140.1

145 120.3 13.8 41.4#



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: 46.87 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050031.D

Acq: 24 Jul 2018 19:38

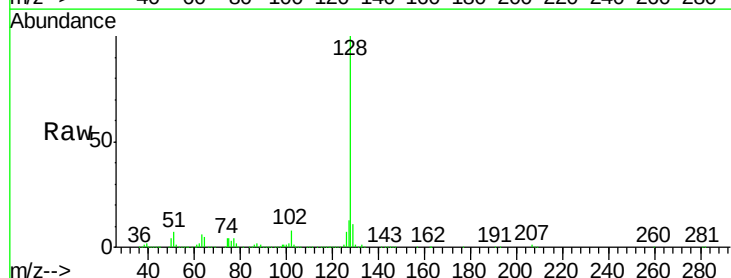
Tgt Ion:128 Resp: 776682

Ion Ratio Lower Upper

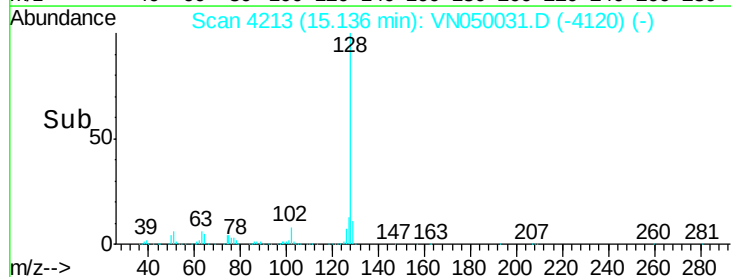
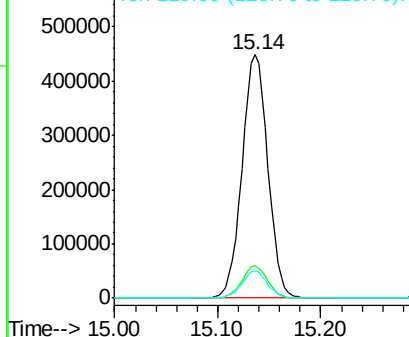
128 100

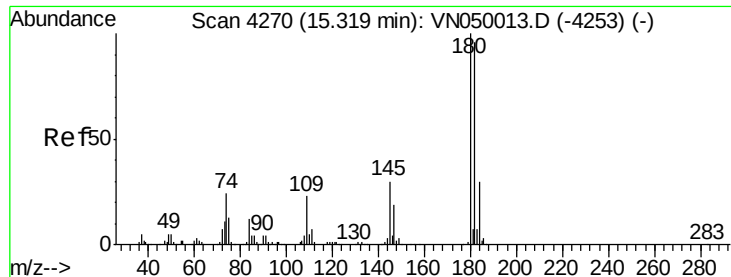
127 13.1 10.4 15.6

129 10.7 8.8 13.2



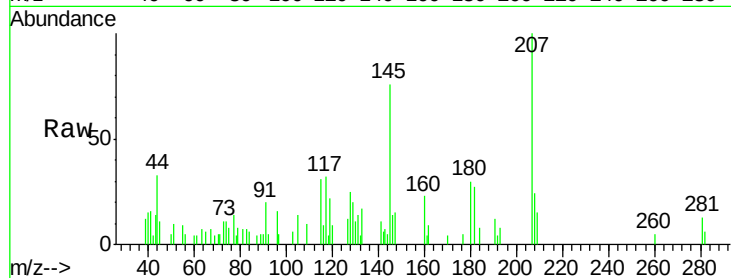
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.45 ua/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN050031.D
 Acq: 24 Jul 2018 19:38

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.0	48.1	144.4
145	0.0	15.3	45.9#



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

