

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053718.D
 Acq On : 11 Feb 2019 21:15
 Operator : JC/SP
 Sample : K1448-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30226

Quant Time: Feb 11 22:13:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	732100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1245797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1173499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	570086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	390054	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	386701	49.12	ug/l	0.00
Spiked Amount						
			Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1525486	51.61	ug/l	0.00
Spiked Amount						
			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.40	95	557805	56.59	ug/l	0.00
Spiked Amount						
			Recovery	=	113.18%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.78	59	18550	42.677	ug/l #	83
13) Acrolein	3.62	56	1462	6.178	ug/l #	14
14) Allyl chloride	4.32	41	13892	1.287	ug/l #	33
16) Acetone	3.82	43	138897	73.730	ug/l	88
18) Methyl Acetate	4.32	43	1096208	196.486	ug/l	99
20) Methylene Chloride	4.55	84	7879	0.997	ug/l #	84
22) Diisopropyl ether	6.02	45	18678	0.934	ug/l #	1
23) Vinyl Acetate	6.03	43	40425	2.922	ug/l #	72
25) 2-Butanone	6.84	43	146965	54.699	ug/l	96
29) Tetrahydrofuran	7.22	42	6392	3.705	ug/l #	81
31) Cyclohexane	7.67	56	11773	0.781	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	46649	4.154	ug/l #	49
37) Ethyl Acetate	6.93	43	52735	8.408	ug/l	99
38) Carbon Tetrachloride	7.67	117	64008	5.658	ug/l #	15
40) Benzene	8.04	78	70371	2.032	ug/l	99
43) Isopropyl Acetate	8.30	43	175121	14.458	ug/l #	53
48) Methyl methacrylate	9.17	41	5363	0.928	ug/l #	30
49) 1,4-Dioxane	9.19	88	2312	65.615	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	23284	3.912	ug/l	100
52) Toluene	10.16	92	1400003	68.116	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	2367	0.320	ug/l #	19
59) 2-Hexanone	10.85	43	355728	88.035	ug/l #	26
64) Tetrachloroethene	10.63	164	6166	0.613	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.46	131	8174	0.939	ug/l #	37
67) Ethyl Benzene	11.51	91	500490	12.223	ug/l	99
68) m/p-Xylenes	11.62	106	950158	60.800	ug/l	99
69) o-Xylene	11.95	106	432254	28.630	ug/l	99
70) Styrene	11.96	104	135669	5.544	ug/l #	57
73) Isopropylbenzene	12.25	105	23889	0.596	ug/l	97
74) N-amyl acetate	12.03	43	304263	31.572	ug/l #	41
76) 1,2,3-Trichloropropane	12.40	75	255941	34.953	ug/l #	100
77) Bromobenzene	12.56	156	87709	8.121	ug/l #	1
78) n-propylbenzene	12.59	91	52215	1.127	ug/l	99
79) 2-Chlorotoluene	12.65	91	20416	0.743	ug/l #	41

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053718.D
 Acq On : 11 Feb 2019 21:15
 Operator : JC/SP
 Sample : K1448-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30226

Quant Time: Feb 11 22:13:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

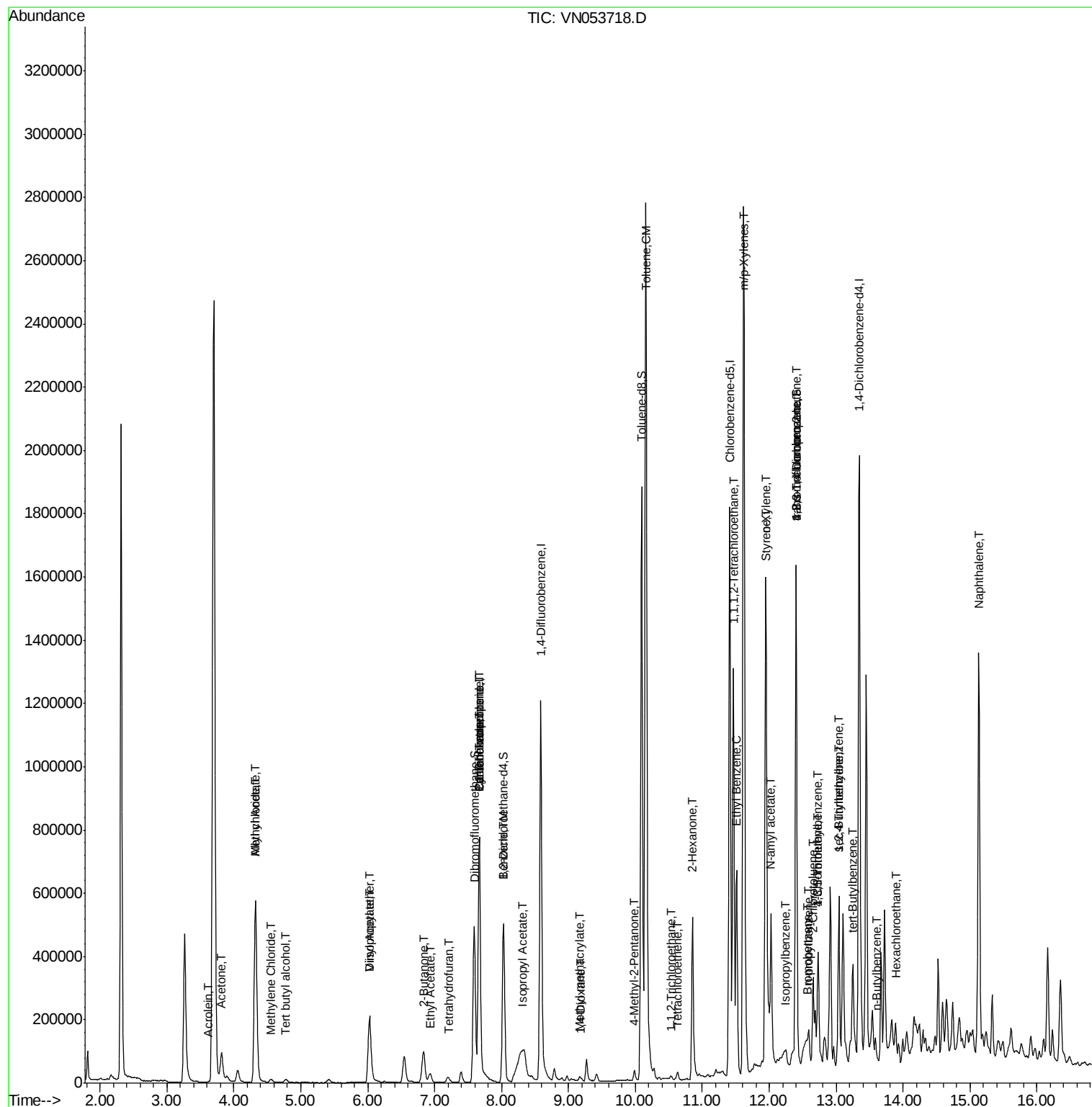
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	102834	3.094	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	255941	98.285	ug/l #	15
82) 4-Chlorotoluene	12.73	91	9443	0.335	ug/l #	43
83) tert-Butylbenzene	13.23	119	10466	0.356	ug/l	76
84) 1,2,4-Trimethylbenzene	13.04	105	318880	9.418	ug/l	100
85) sec-Butylbenzene	13.04	105	318880	7.978	ug/l #	56
89) n-Butylbenzene	13.62	91	8610	0.285	ug/l #	74
90) Hexachloroethane	13.89	117	4138	0.718	ug/l #	3
95) Naphthalene	15.13	128	1135243	45.494	ug/l	100

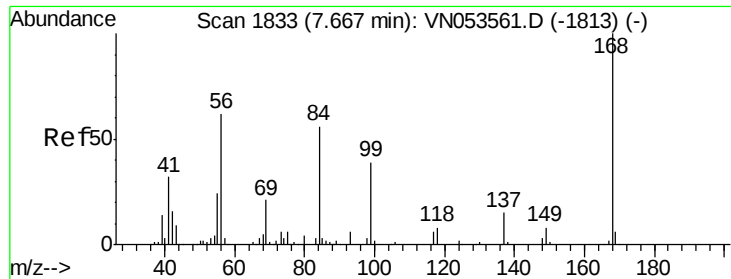
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053718.D
Acq On : 11 Feb 2019 21:15
Operator : JC/SP
Sample : K1448-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30226

Quant Time: Feb 11 22:13:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

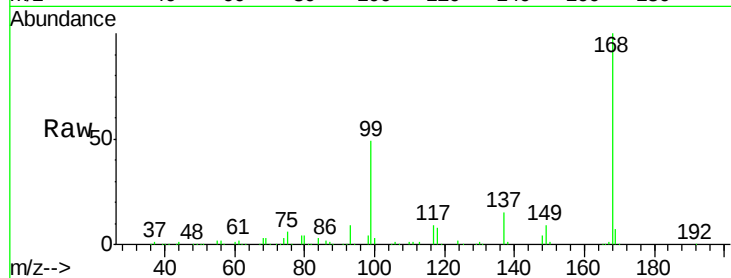
30226

Tot Ion:168 Resp: 732100

Ion Ratio Lower Upper

168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

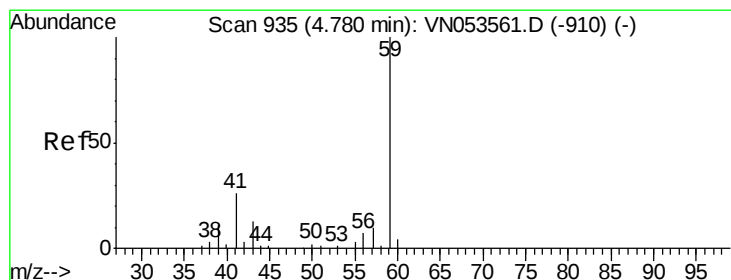
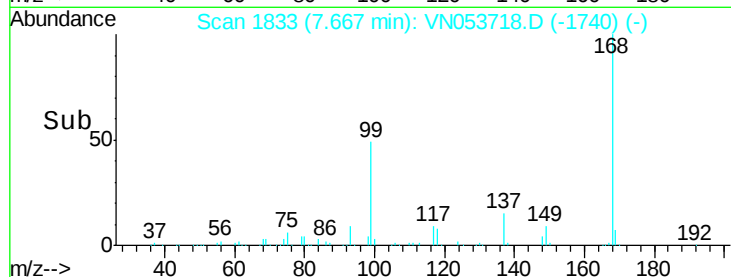
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 42.677 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN053718.D

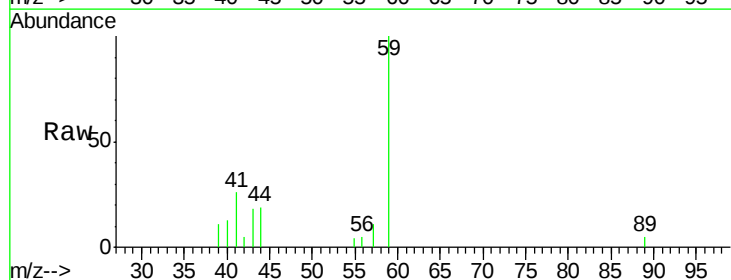
Acq: 11 Feb 2019 21:15

Tgt Ion: 59 Resp: 18550

Ion Ratio Lower Upper

59 100

57 4.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

6000

5000

4000

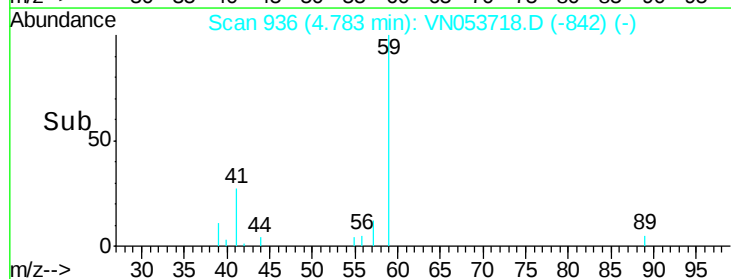
3000

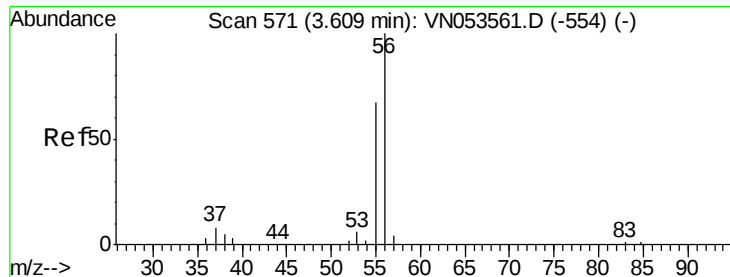
2000

1000

0

Time-->





#13

Acrolein

Concen: 6.178 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

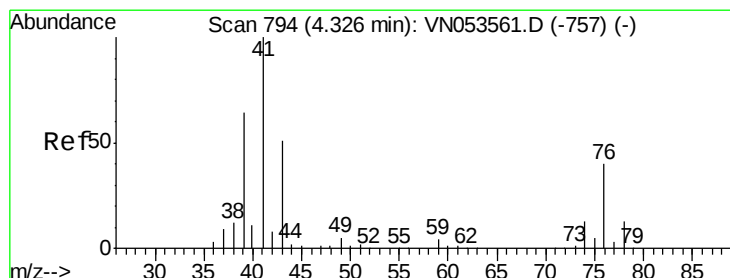
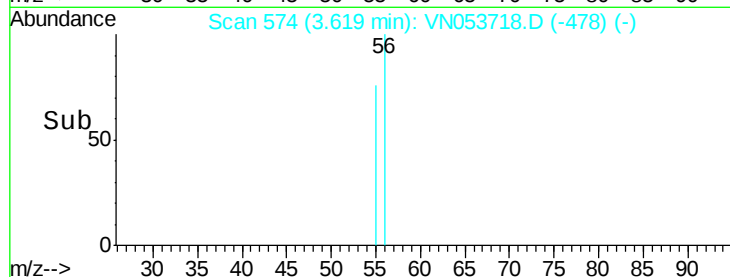
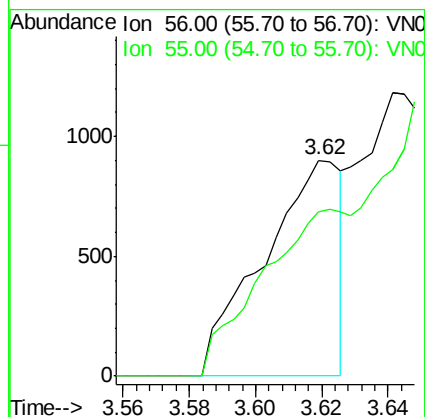
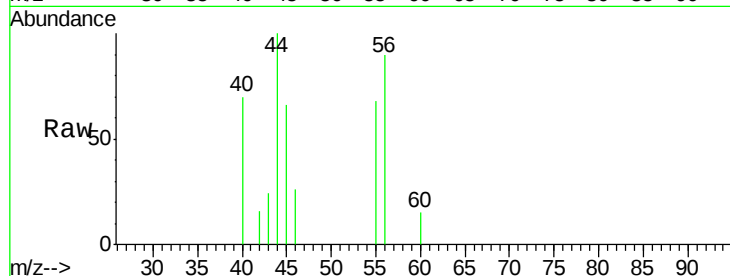
30226

Tot Ion: 56 Resp: 1462

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



#14

Allyl chloride

Concen: 1.287 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

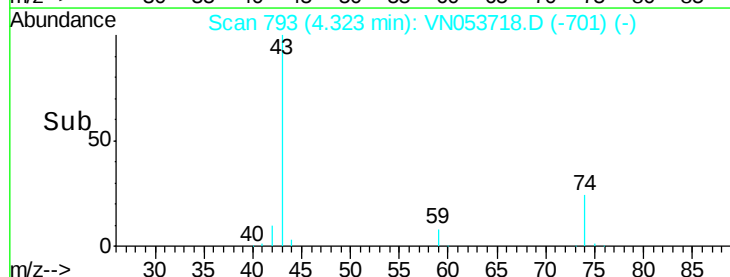
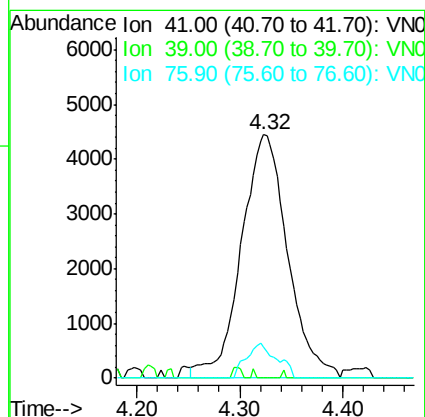
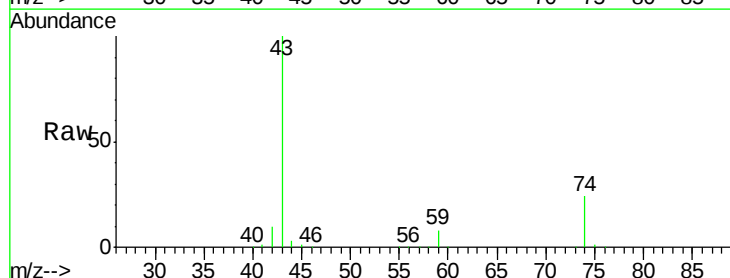
Tgt Ion: 41 Resp: 13892

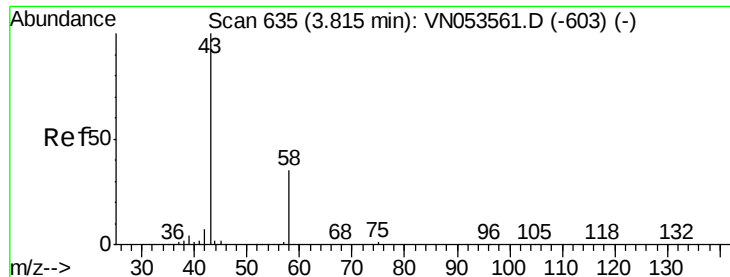
Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 9.4 29.4 44.2#





#16

Acetone

Concen: 73.730 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

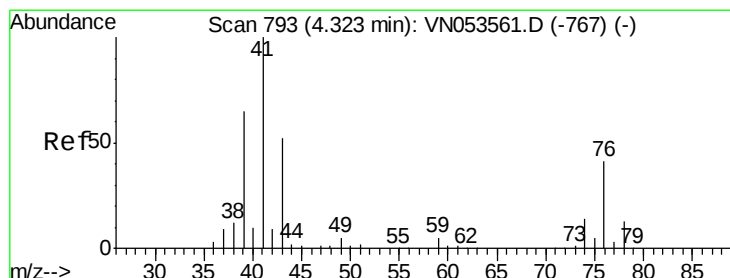
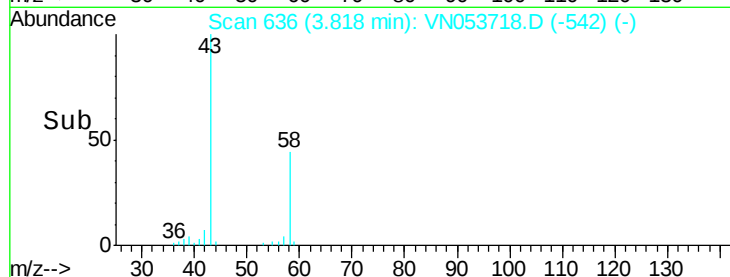
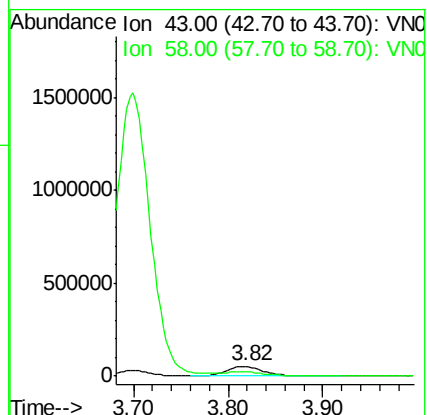
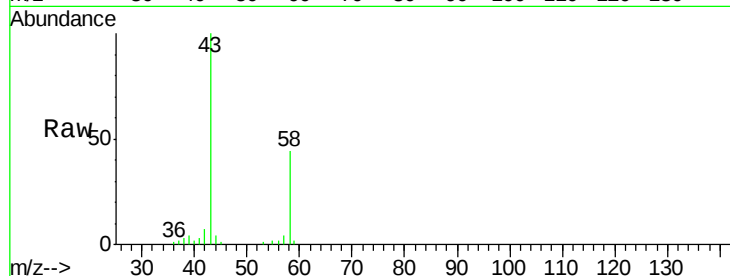
30226

Tot Ion: 43 Resp: 138897

Ion Ratio Lower Upper

43 100

58 40.6 27.1 40.7



#18

Methyl Acetate

Concen: 196.486 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053718.D

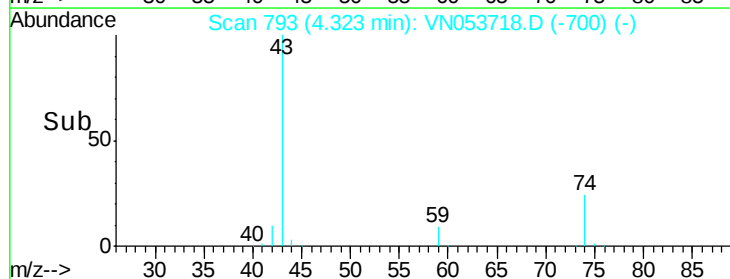
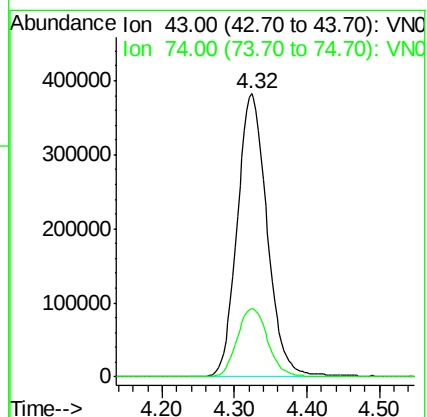
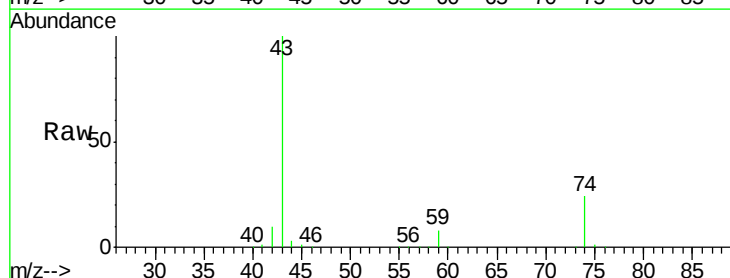
Acq: 11 Feb 2019 21:15

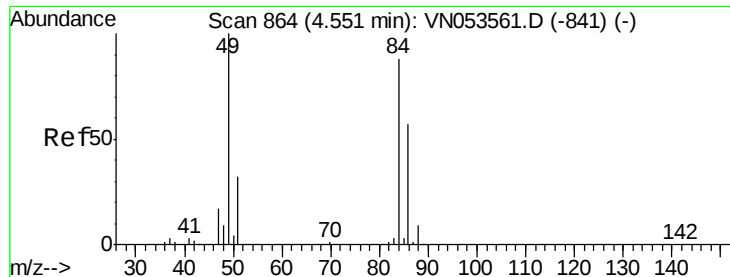
Tgt Ion: 43 Resp: 1096208

Ion Ratio Lower Upper

43 100

74 25.0 19.4 29.2





#20

Methvlene Chloride

Concen: 0.997 ug/l

RT: 4.55 min Scan# 862

Delta R.T. -0.01 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

30226

Tot Ion: 84 Resp: 7879

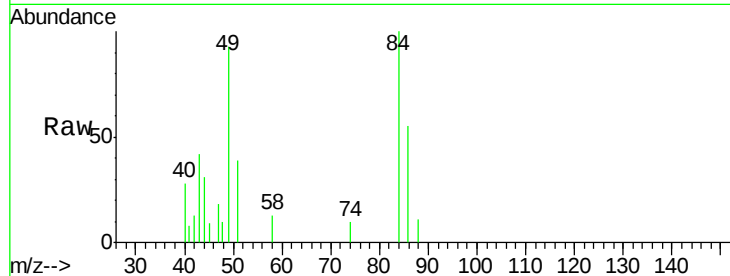
Ion Ratio Lower Upper

84 100

49 93.0 94.3 141.5#

51 39.4 29.4 44.2

86 55.5 51.4 77.0

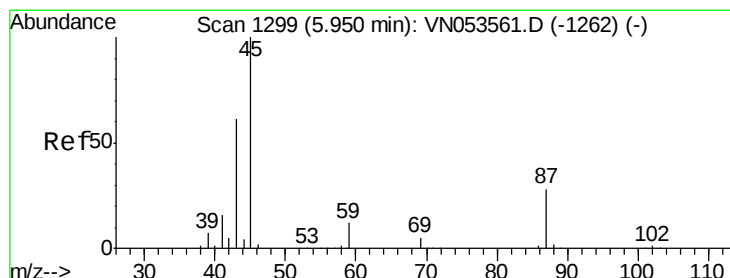
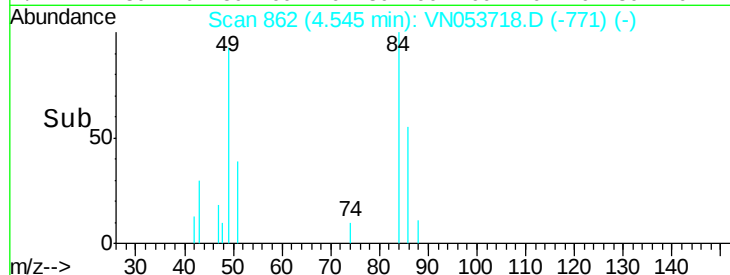
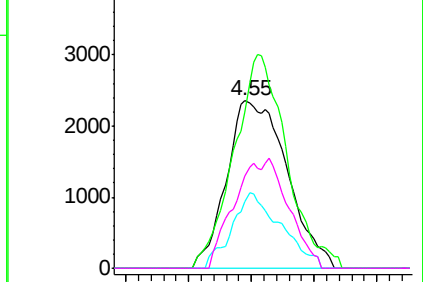


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#22

Diisopropyl ether

Concen: 0.934 ug/l

RT: 6.02 min Scan# 1322

Delta R.T. 0.07 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Tgt Ion: 45 Resp: 18678

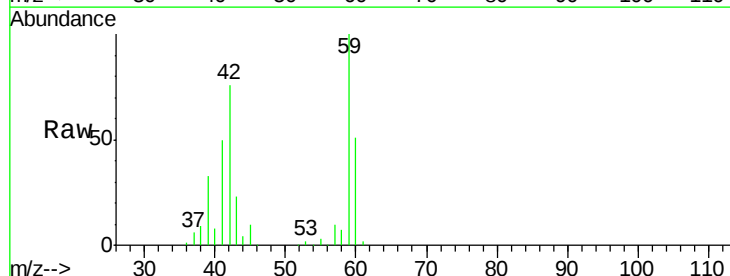
Ion Ratio Lower Upper

45 100

43 216.8 44.2 66.4#

87 0.0 22.7 34.1#

59 958.2 9.4 14.2#

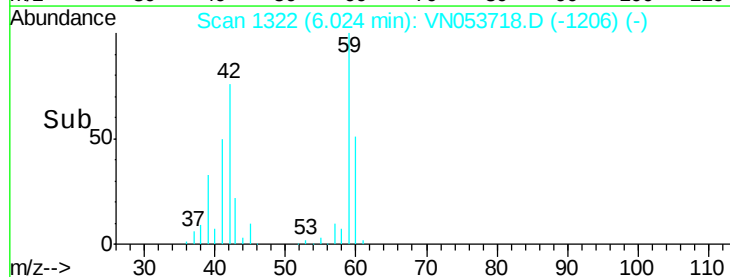
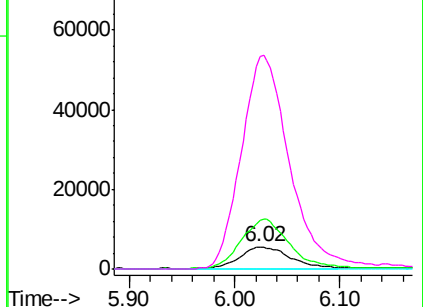


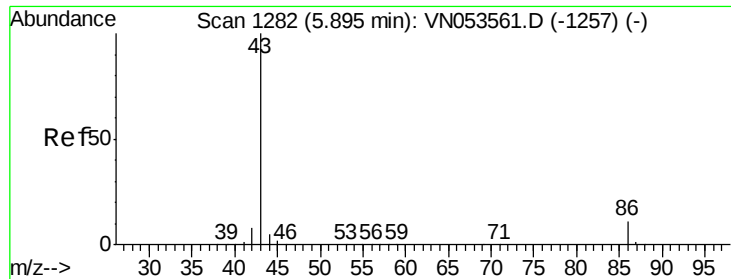
Abundance Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC

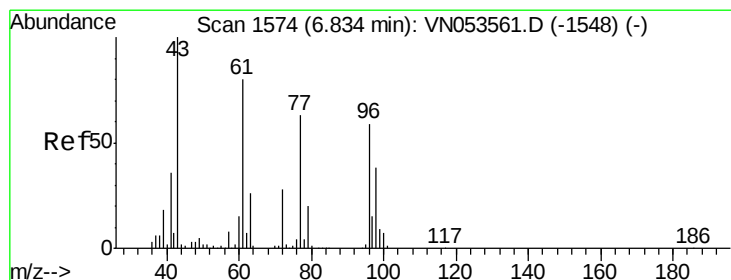
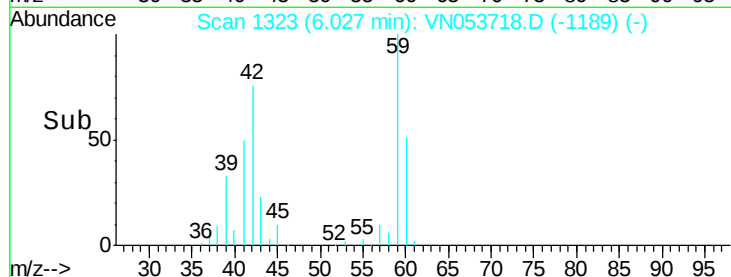
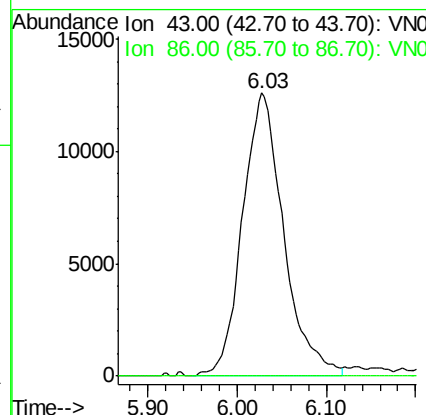
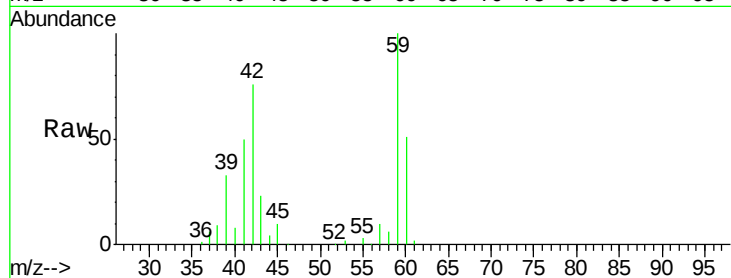




#23
 Vinyl Acetate
 Concen: 2.922 ug/l
 RT: 6.03 min Scan# 1323
 Delta R.T. 0.13 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

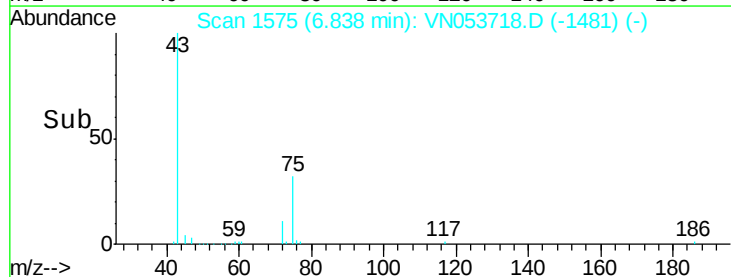
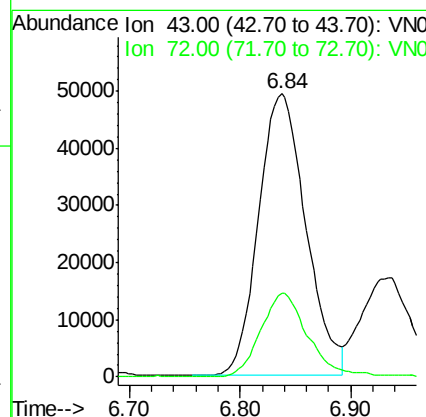
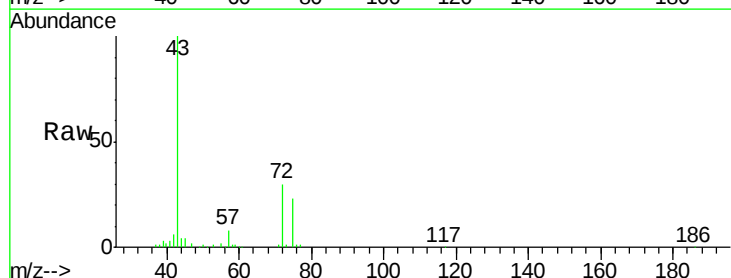
Instrument :
 MSVOA_N
 ClientSampled :
 30226

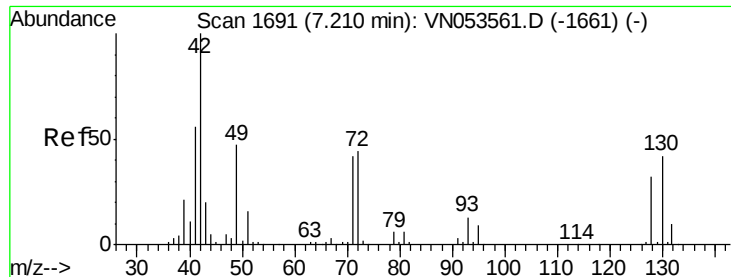
Tot Ion: 43 Resp: 40425
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 54.699 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

Tgt Ion: 43 Resp: 146965
 Ion Ratio Lower Upper
 43 100
 72 29.7 22.0 33.0

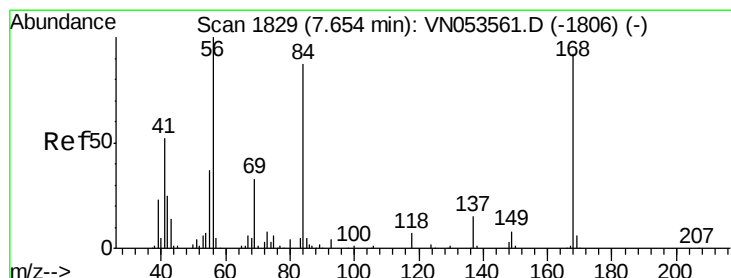
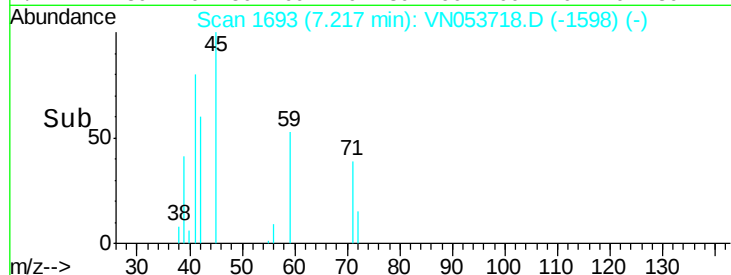
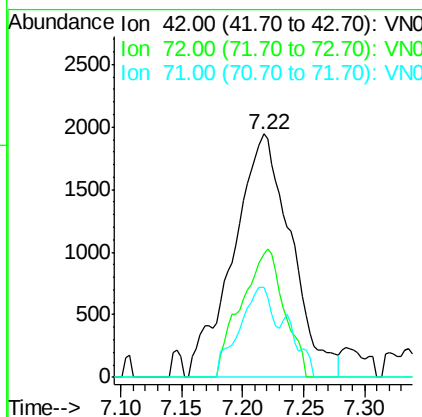
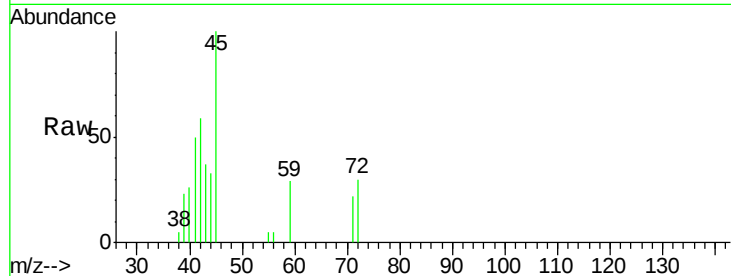




#29
Tetrahydrofuran
Concen: 3.705 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

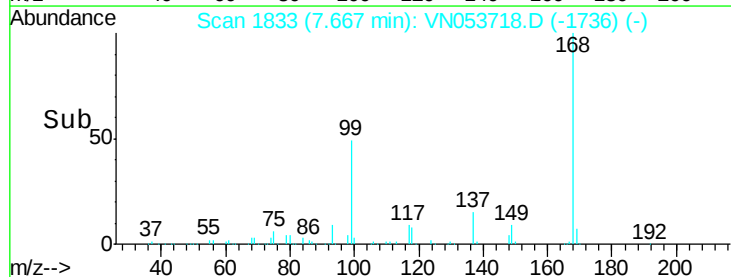
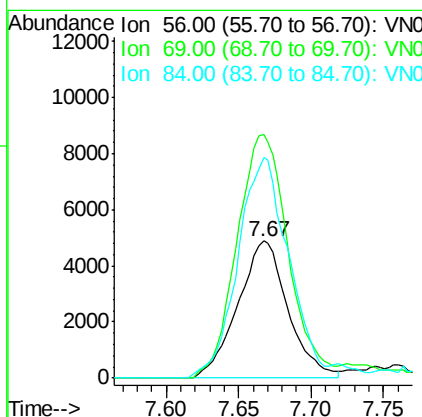
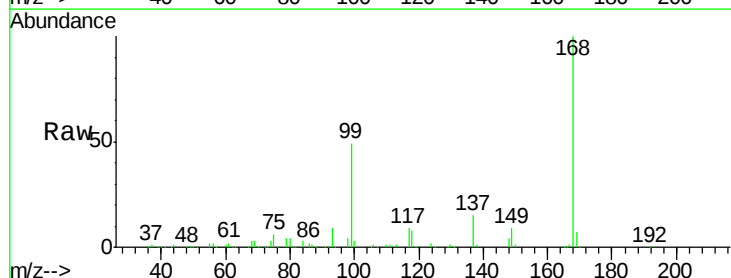
Instrument :
MSVOA_N
ClientSampled :
30226

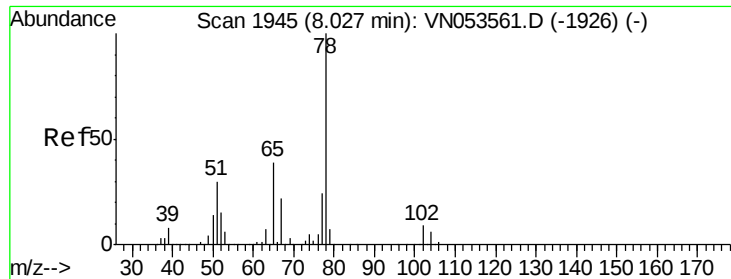
Tot Ion: 42 Resp: 6392
Ion Ratio Lower Upper
42 100
72 39.1 35.2 52.8
71 22.1 33.0 49.4#



#31
Cyclohexane
Concen: 0.781 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Tgt Ion: 56 Resp: 11773
Ion Ratio Lower Upper
56 100
69 177.6 26.4 39.6#
84 161.2 67.9 101.9#

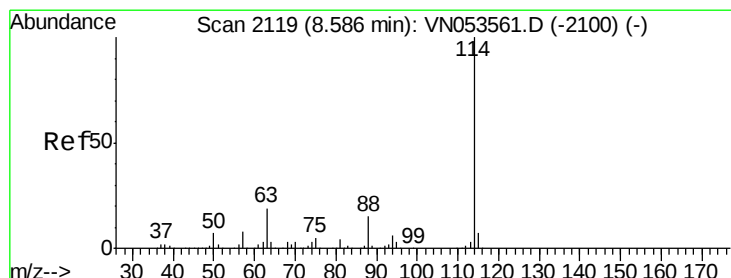
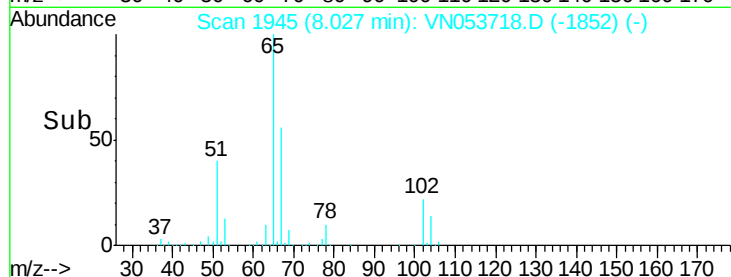
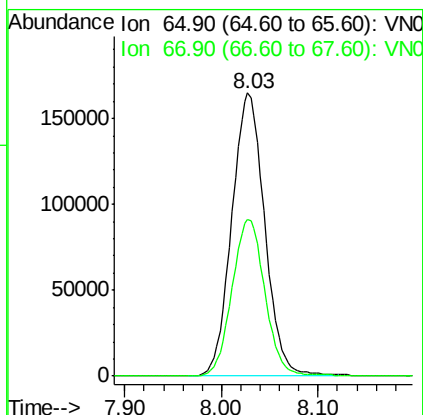
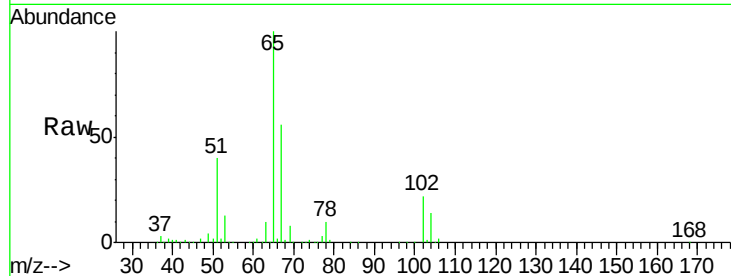




#33
 1,2-Dichloroethane-d4
 Concen: 53.109 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

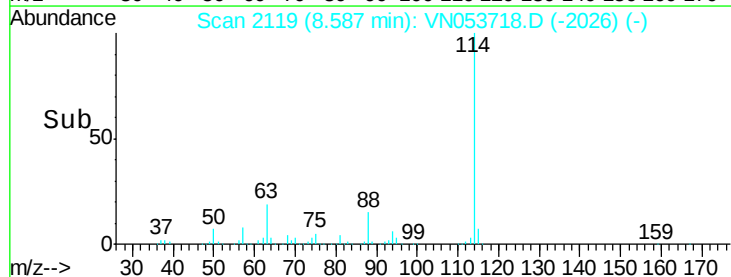
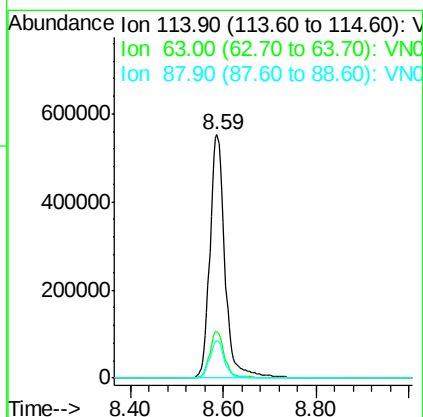
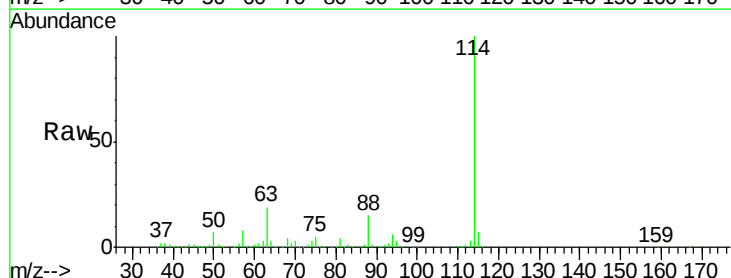
Instrument :
 MSVOA_N
 ClientSampled :
 30226

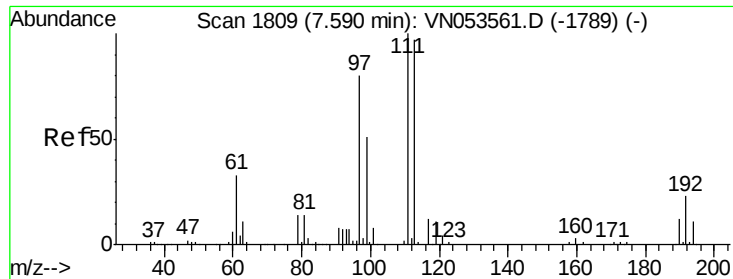
Tot Ion: 65 Resp: 390054
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

Tgt Ion: 114 Resp: 1245797
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.3 0.0 30.4

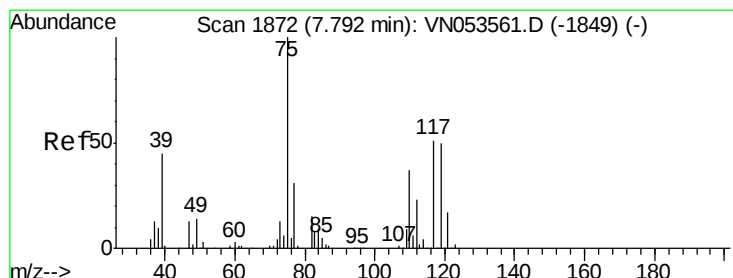
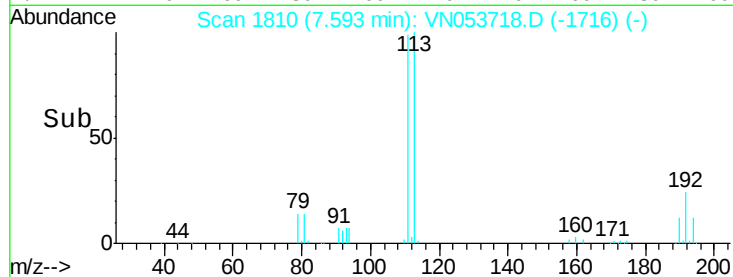
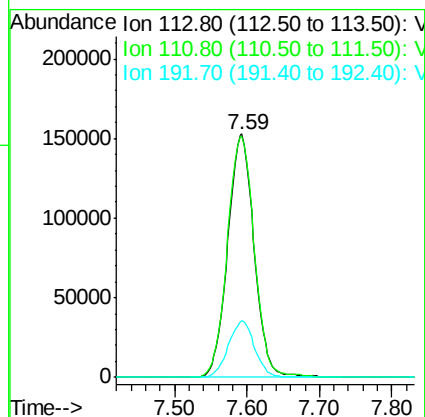
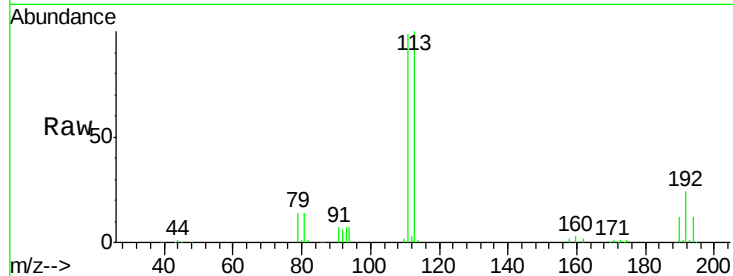




#35
 Dibromofluoromethane
 Concen: 49.125 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

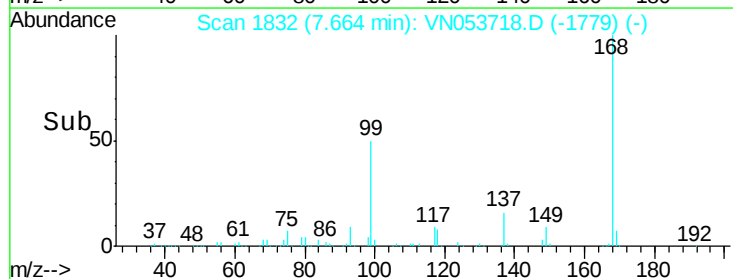
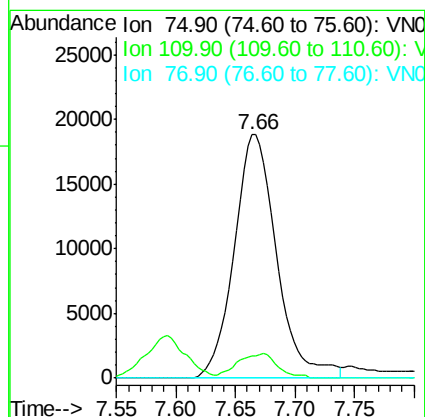
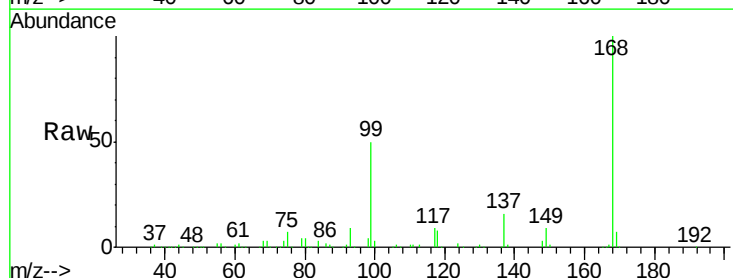
Instrument :
 MSVOA_N
 ClientSampleId :
 30226

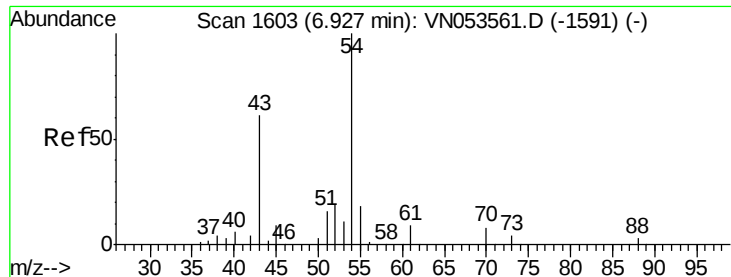
Tot Ion:113 Resp: 386701
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 23.1 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.154 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

Tgt Ion: 75 Resp: 46649
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.3#
 77 0.0 25.1 37.7#

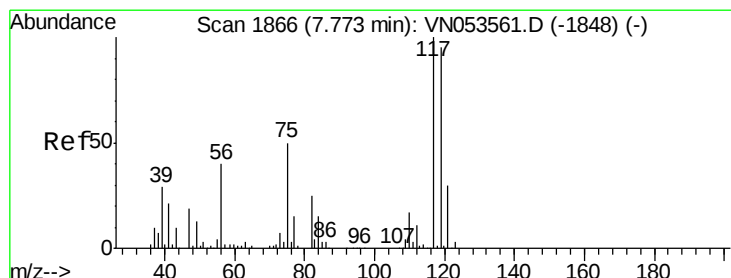
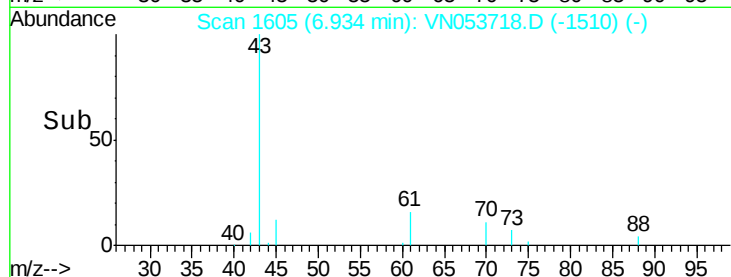
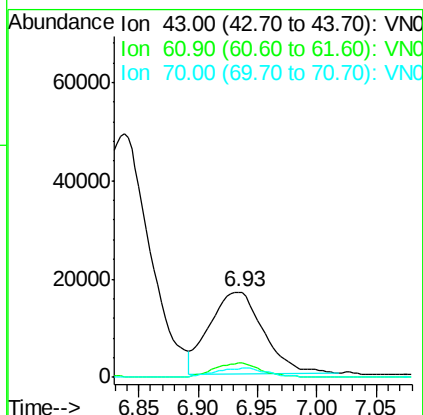
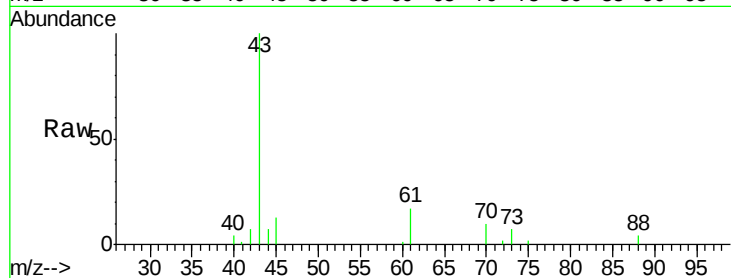




#37
Ethyl Acetate
Concen: 8.408 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

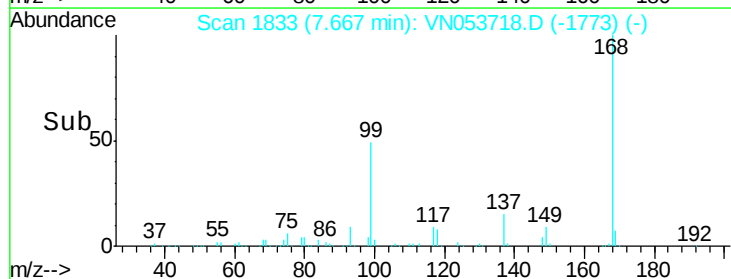
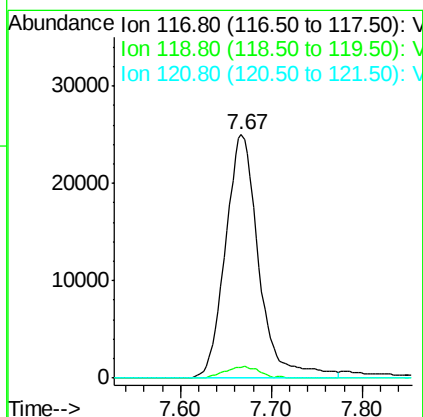
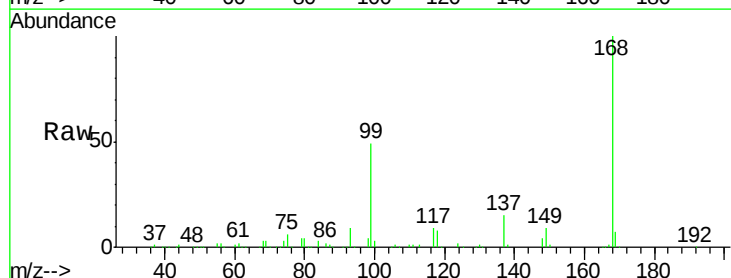
Instrument :
MSVOA_N
ClientSampleId :
30226

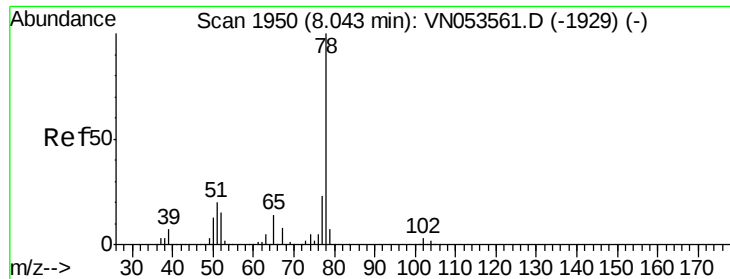
Tot Ion: 43 Resp: 52735
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Tgt Ion: 117 Resp: 64008
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.6 37.0#





#40

Benzene

Concen: 2.032 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

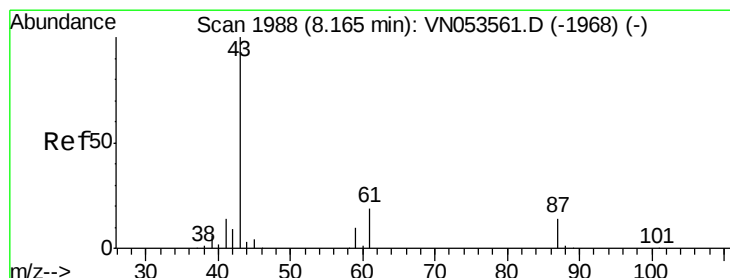
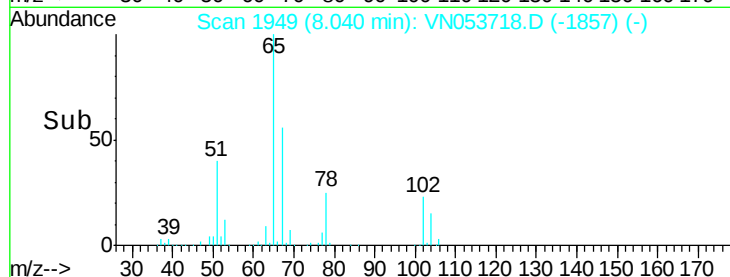
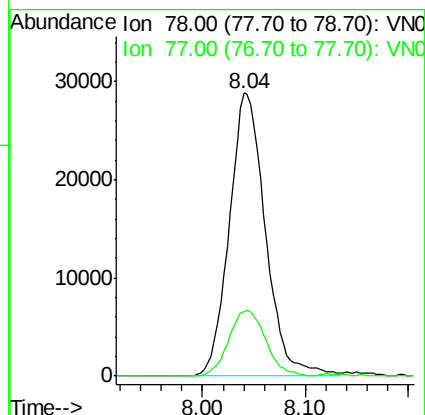
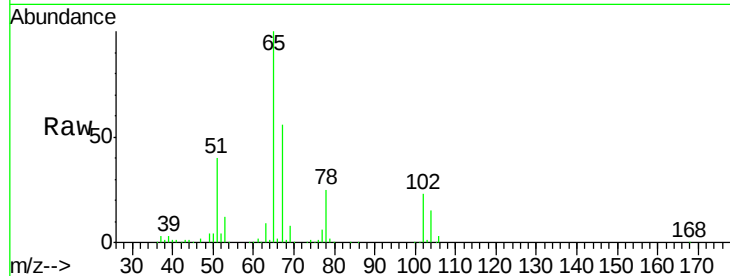
30226

Tot Ion: 78 Resp: 70371

Ion Ratio Lower Upper

78 100

77 23.0 18.8 28.2



#43

Isopropyl Acetate

Concen: 14.458 ug/l

RT: 8.30 min Scan# 2031

Delta R.T. 0.14 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

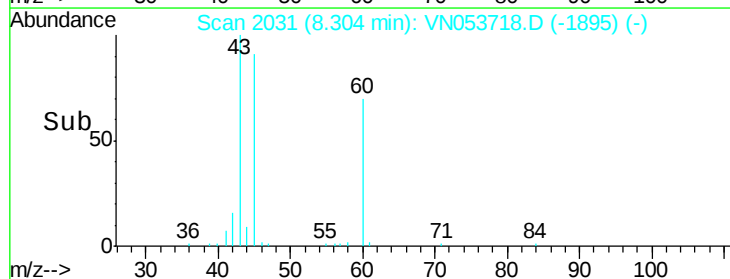
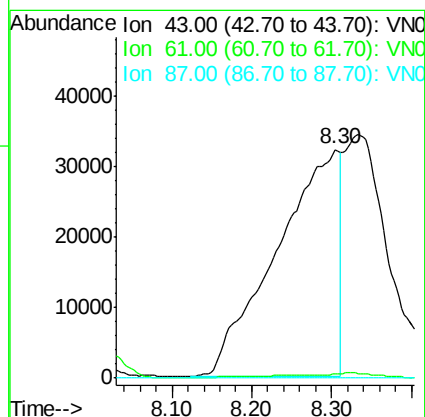
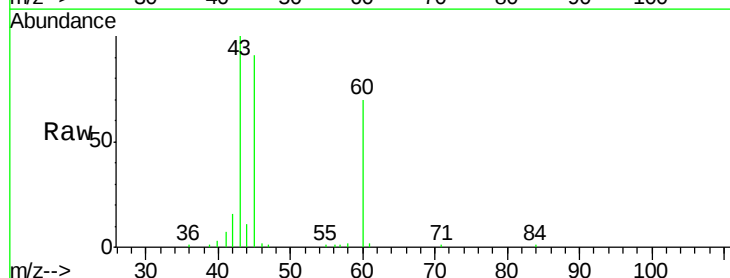
Tgt Ion: 43 Resp: 175121

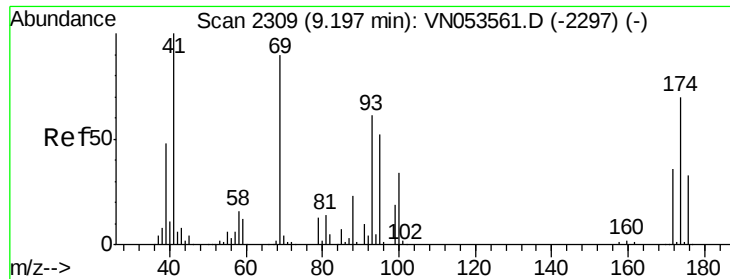
Ion Ratio Lower Upper

43 100

61 1.6 23.9 35.9#

87 0.0 11.0 16.6#

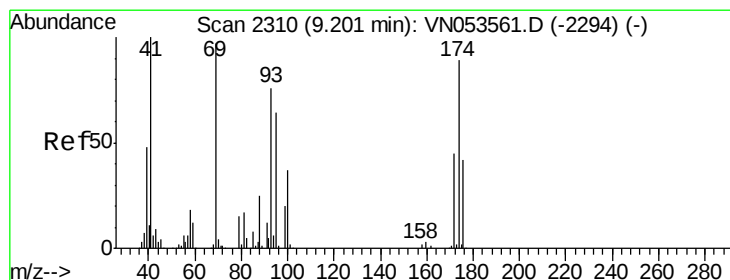
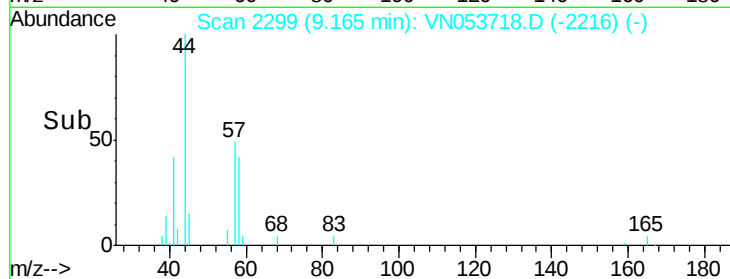
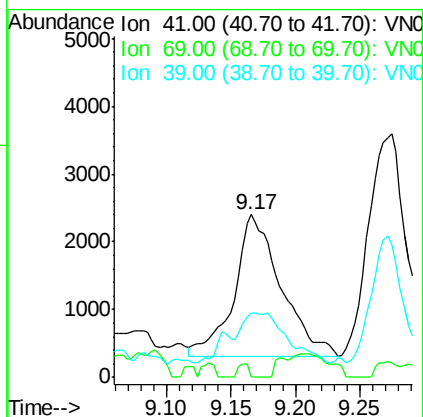
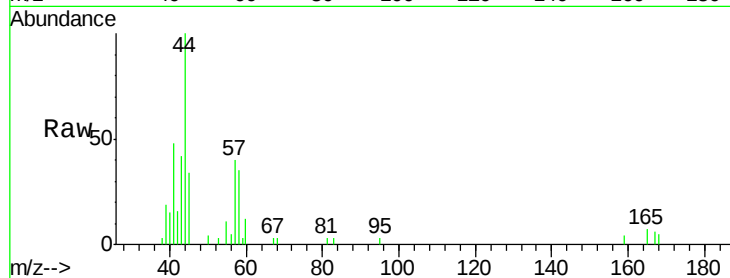




#48
Methvl methacrylate
Concen: 0.928 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

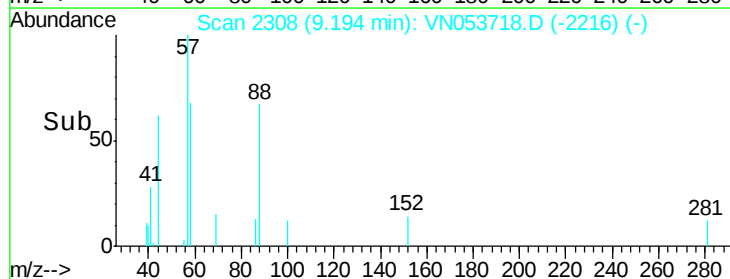
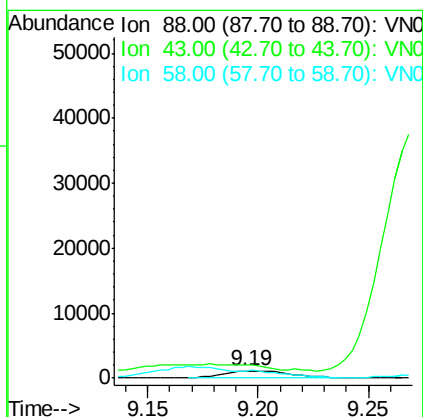
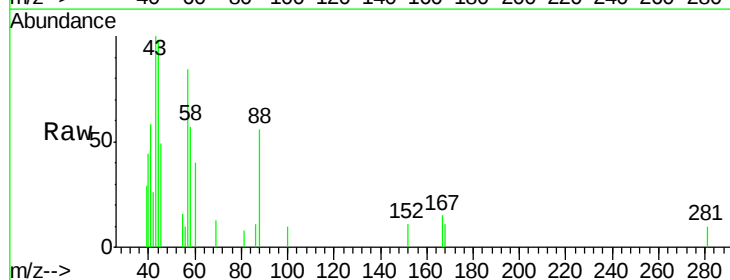
Instrument :
MSVOA_N
ClientSampled :
30226

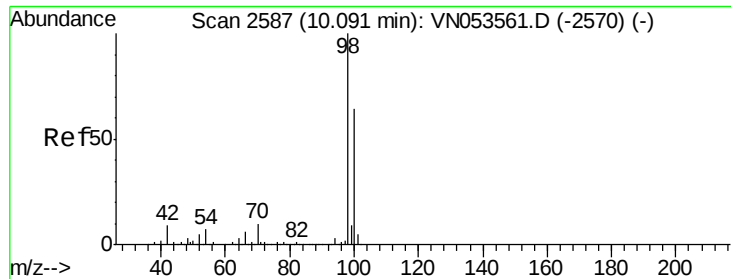
Tot Ion: 41 Resp: 5363
Ion Ratio Lower Upper
41 100
69 2.0 73.8 110.6#
39 33.6 40.0 60.0#



#49
1,4-Dioxane
Concen: 65.615 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Tgt Ion: 88 Resp: 2312
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 51.611 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

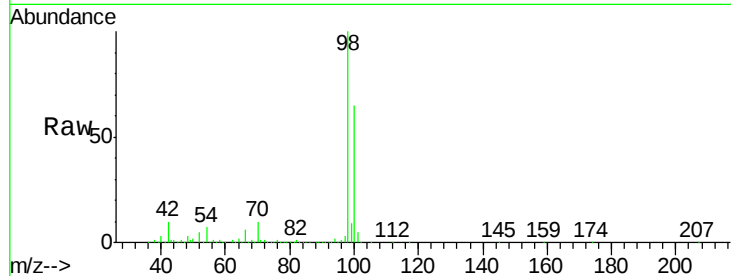
30226

Tot Ion: 98 Resp: 1525486

Ion Ratio Lower Upper

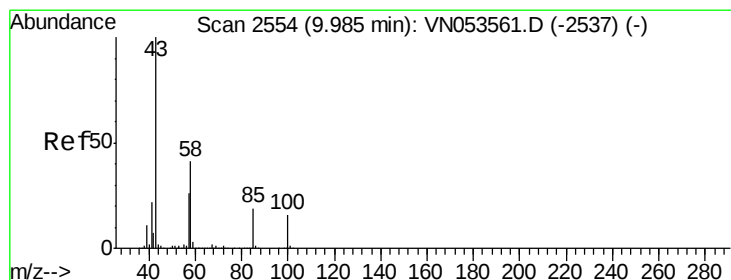
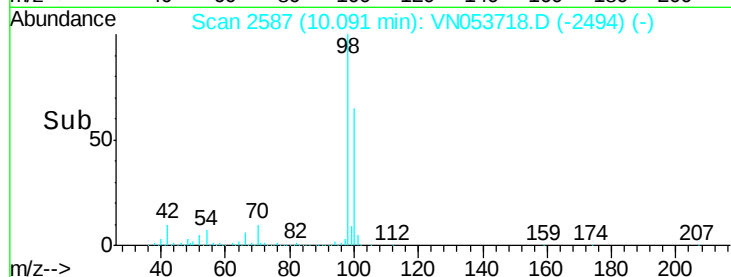
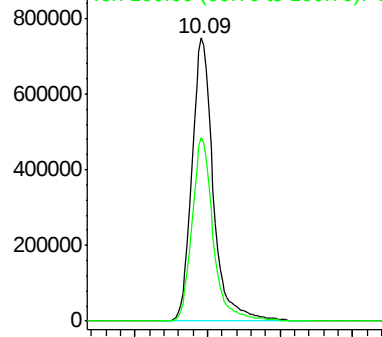
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 3.912 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053718.D

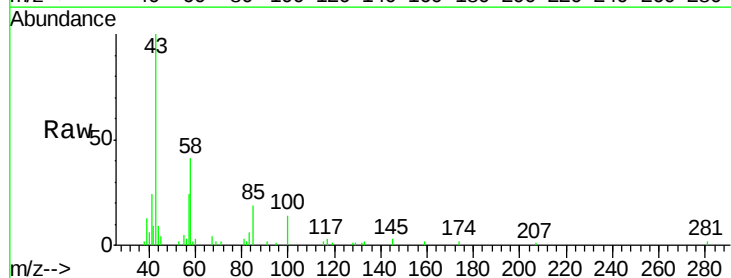
Acq: 11 Feb 2019 21:15

Tgt Ion: 43 Resp: 23284

Ion Ratio Lower Upper

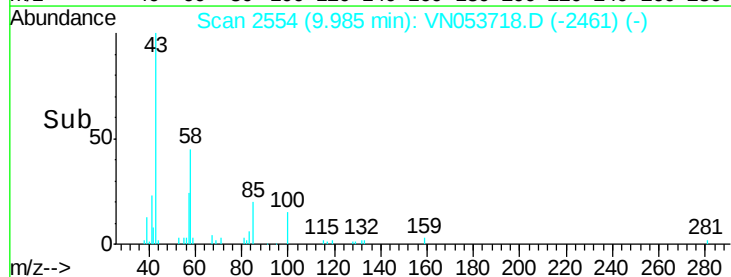
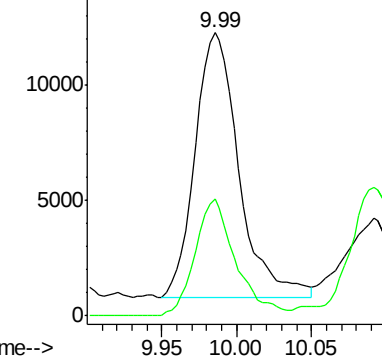
43 100

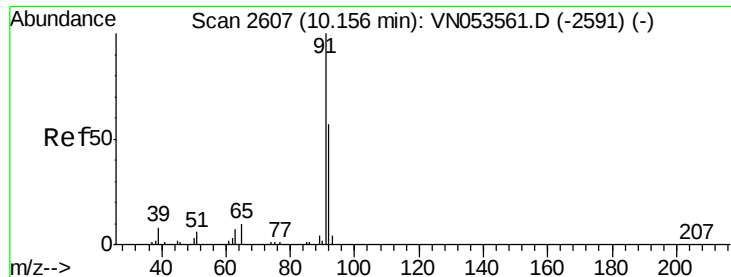
58 41.1 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 68.116 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

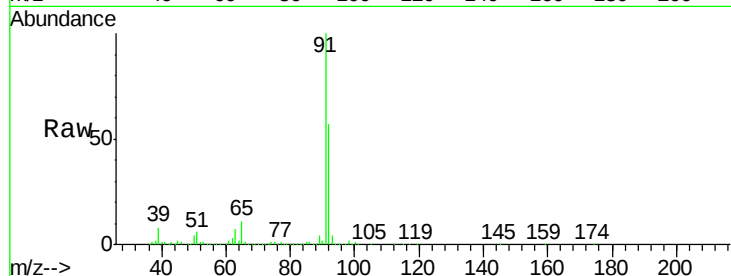
30226

Tot Ion: 92 Resp: 1400003

Ion Ratio Lower Upper

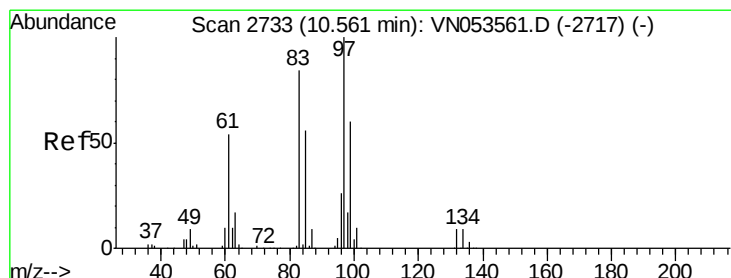
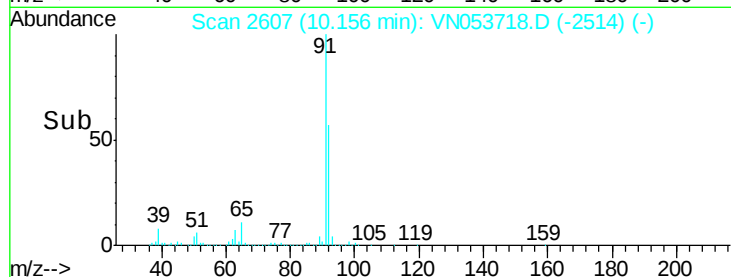
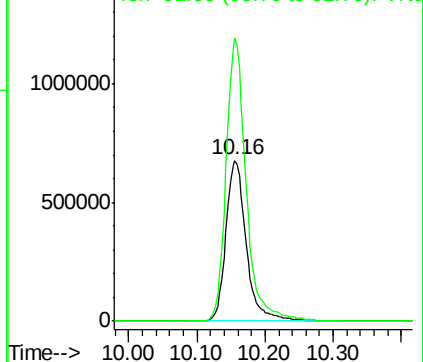
92 100

91 173.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VNC

Ion 91.00 (90.70 to 91.70): VNC



#55

1,1,2-Trichloroethane

Concen: 0.320 ug/l

RT: 10.53 min Scan# 2722

Delta R.T. -0.04 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Tgt Ion: 97 Resp: 2367

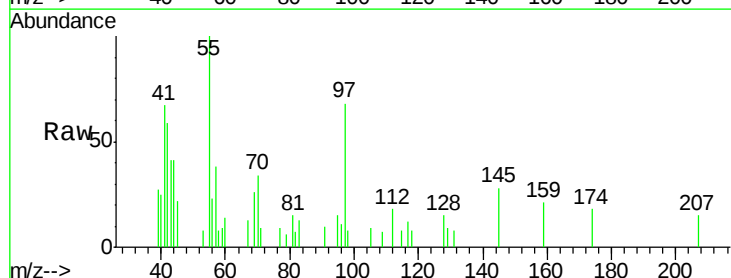
Ion Ratio Lower Upper

97 100

83 10.0 70.1 105.1#

85 0.0 45.4 68.0#

99 0.0 49.8 74.8#

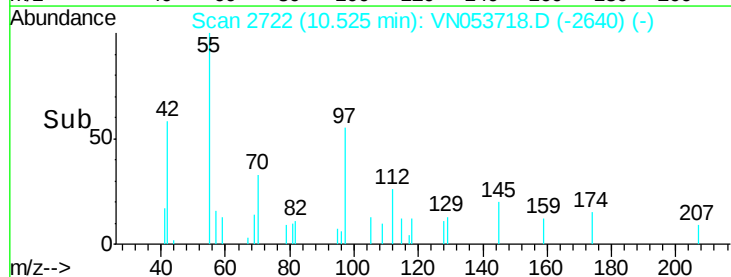
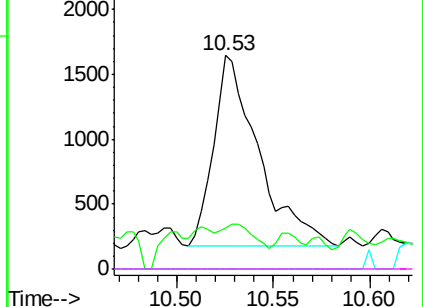


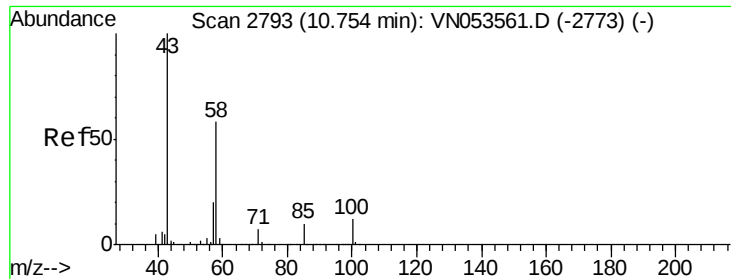
Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC

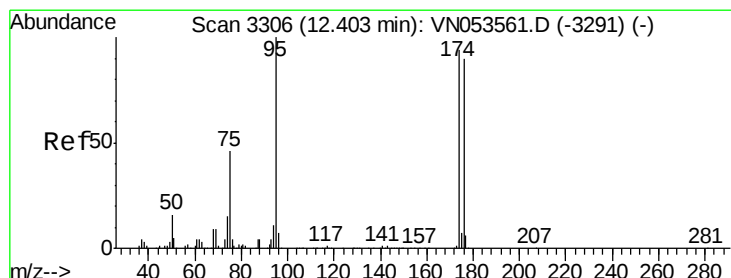
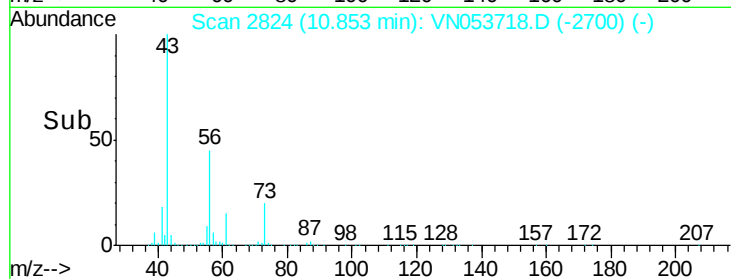
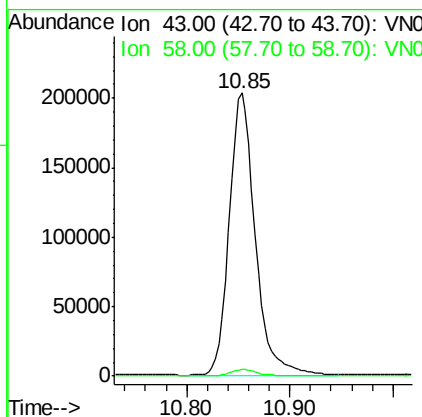
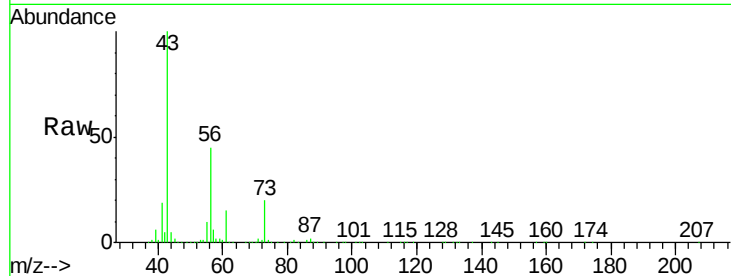




#59
2-Hexanone
Concen: 88.035 ug/l
RT: 10.85 min Scan# 2824
Delta R.T. 0.10 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

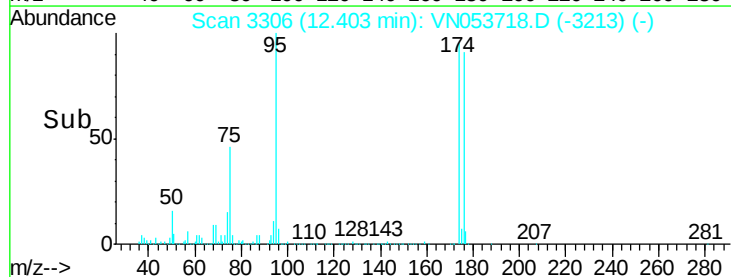
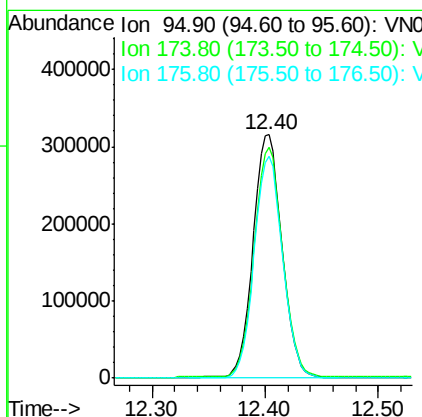
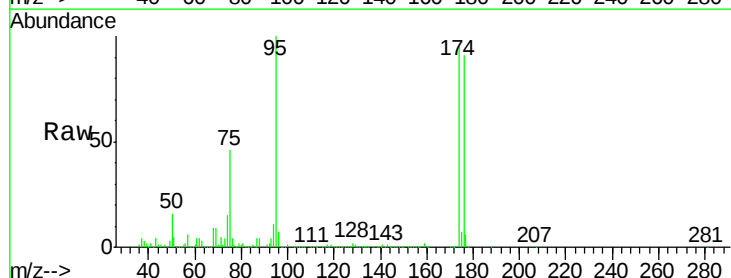
Instrument :
MSVOA_N
ClientSampleId :
30226

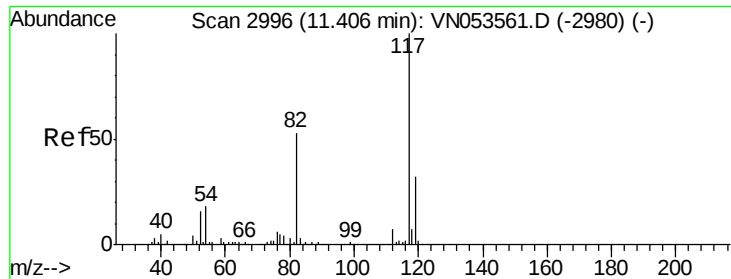
Tot Ion: 43 Resp: 355728
Ion Ratio Lower Upper
43 100
58 2.5 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 56.585 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Tgt Ion: 95 Resp: 557805
Ion Ratio Lower Upper
95 100
174 93.3 0.0 183.2
176 90.1 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

30226

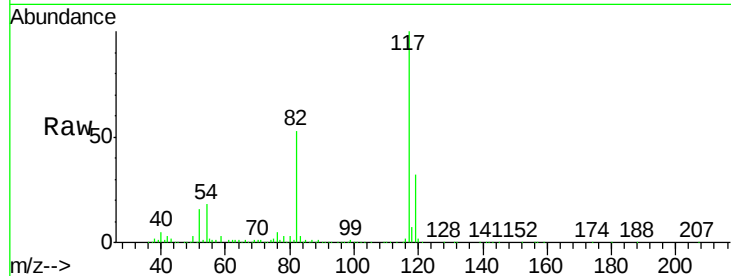
Tot Ion:117 Resp: 1173499

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

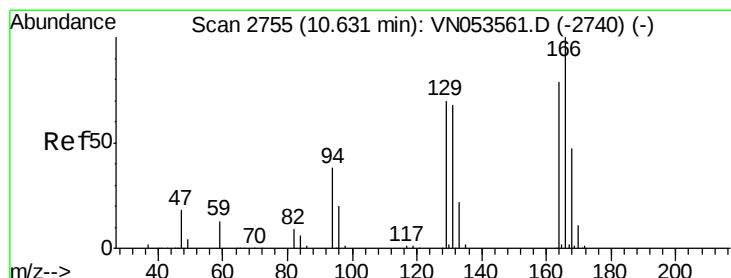
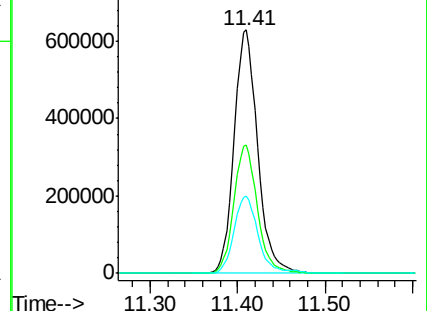
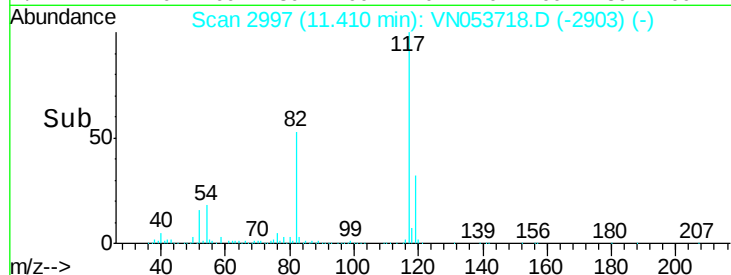
119 31.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.613 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Tgt Ion:164 Resp: 6166

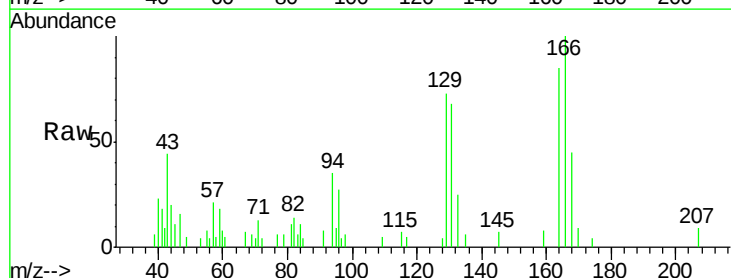
Ion Ratio Lower Upper

164 100

166 118.0 102.2 153.4

129 81.6 72.6 109.0

131 72.7 69.5 104.3

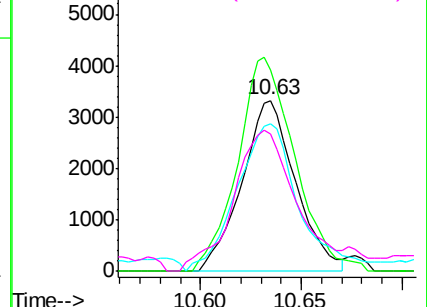
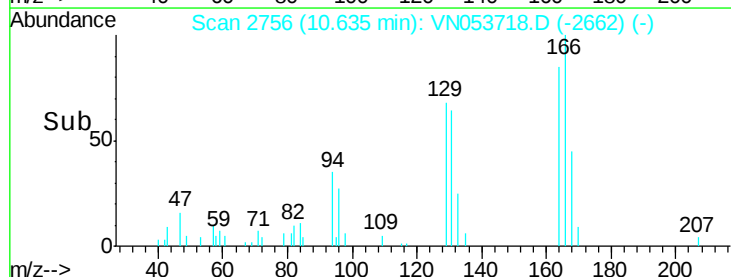


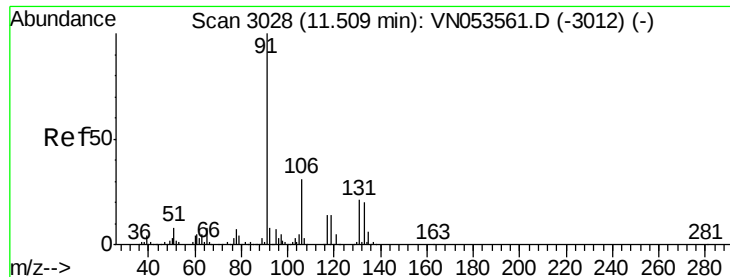
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.939 ug/l

RT: 11.46 min Scan# 3014

Delta R.T. -0.04 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

30226

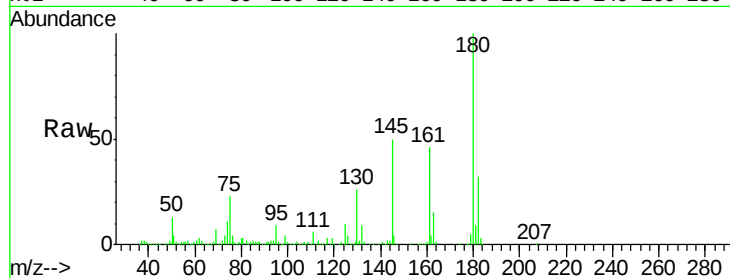
Tot Ion:131 Resp: 8174

Ion Ratio Lower Upper

131 100

133 48.9 48.0 144.0

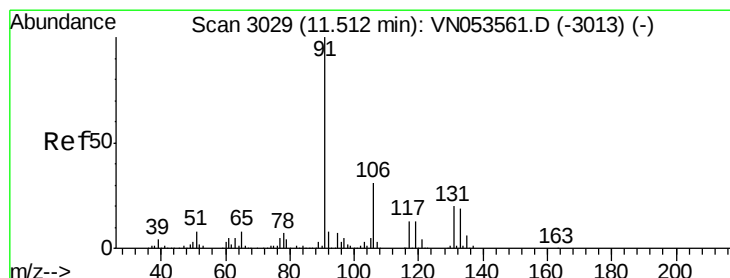
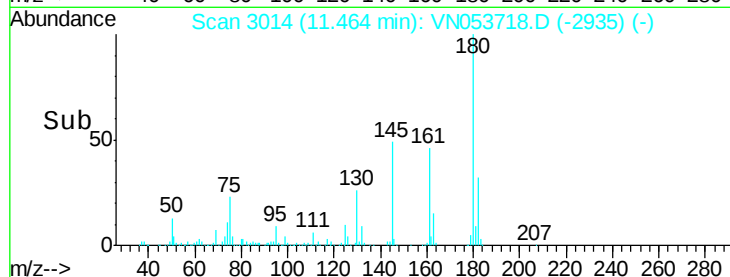
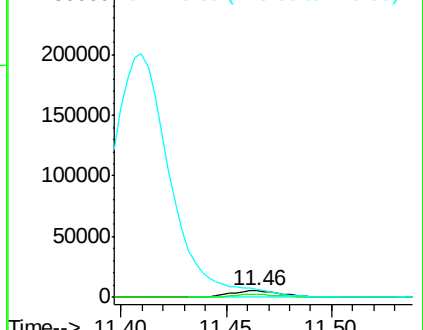
119 0.0 33.5 100.5#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 12.223 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053718.D

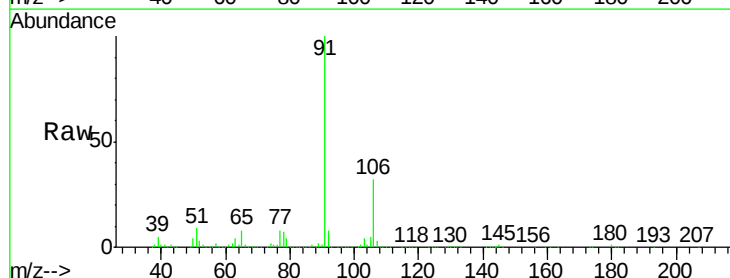
Acq: 11 Feb 2019 21:15

Tgt Ion: 91 Resp: 500490

Ion Ratio Lower Upper

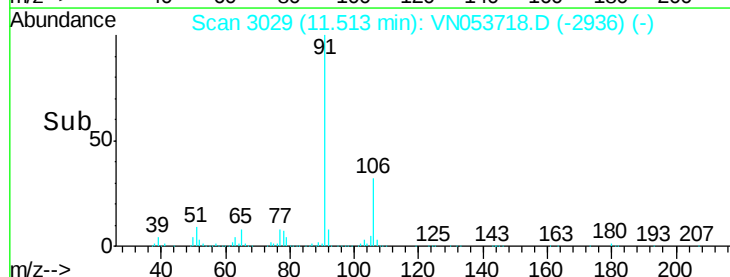
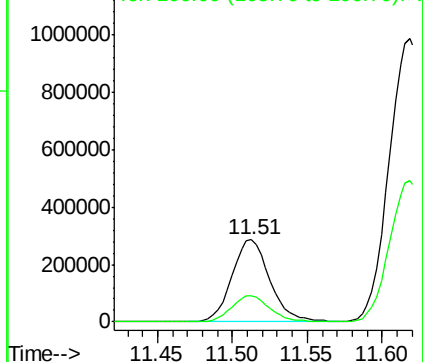
91 100

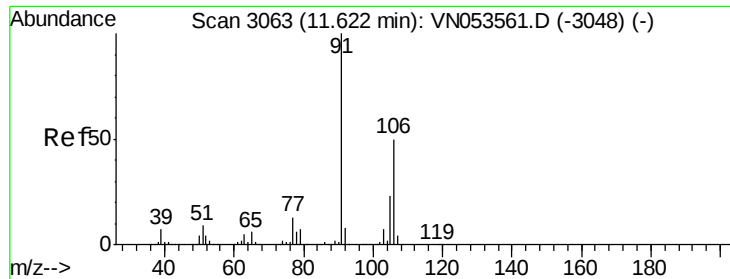
106 31.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

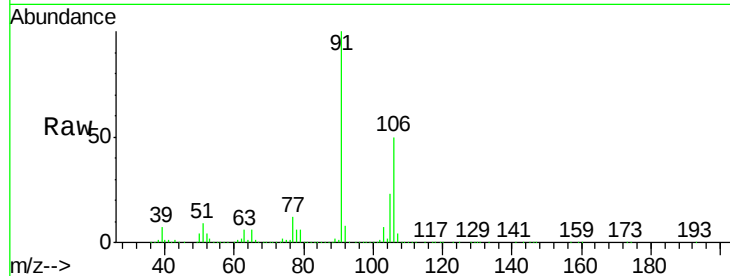




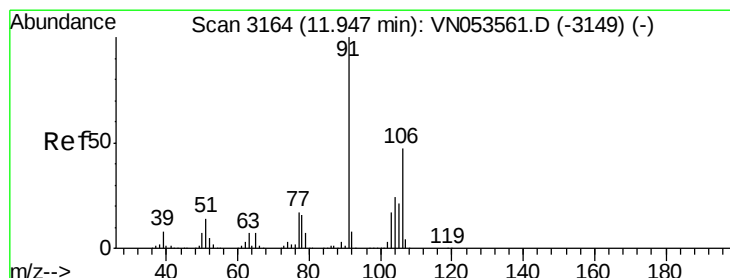
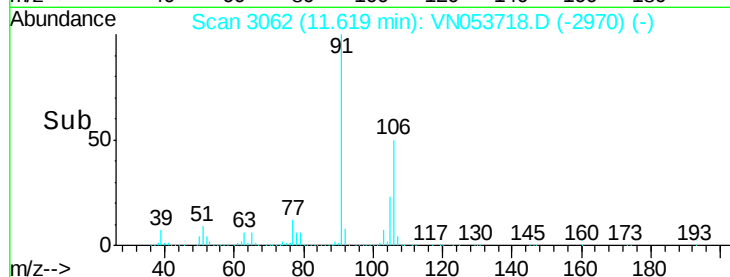
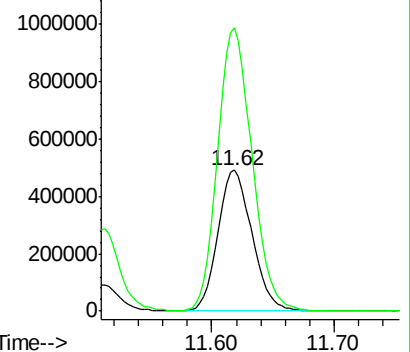
#68
m/p-Xylenes
Concen: 60.800 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Instrument :
MSVOA_N
ClientSampled :
30226

Tot Ion:106 Resp: 950158
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.2

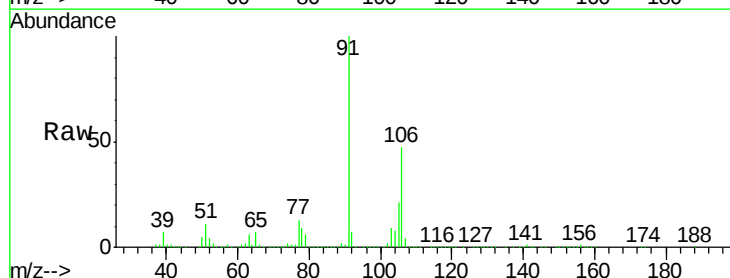


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

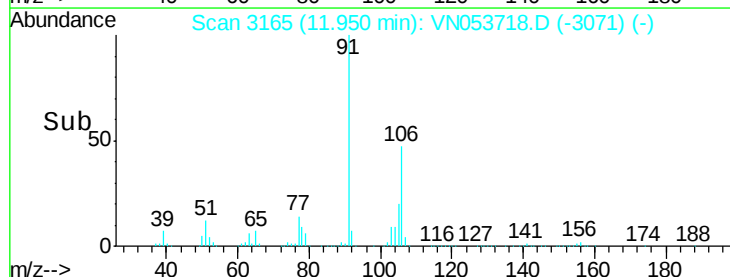
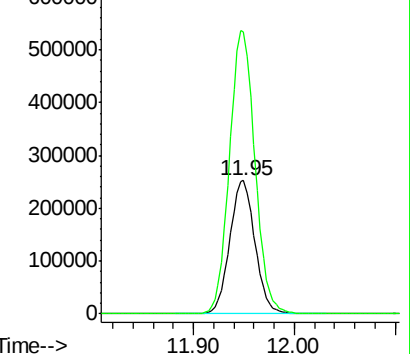


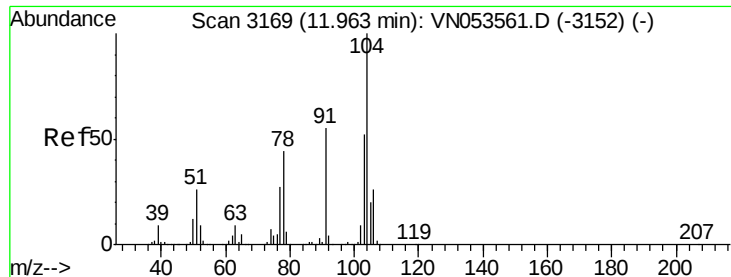
#69
o-Xylene
Concen: 28.630 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Tgt Ion:106 Resp: 432254
Ion Ratio Lower Upper
106 100
91 214.9 106.9 320.8



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





#70

Stvrene

Concen: 5.544 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

30226

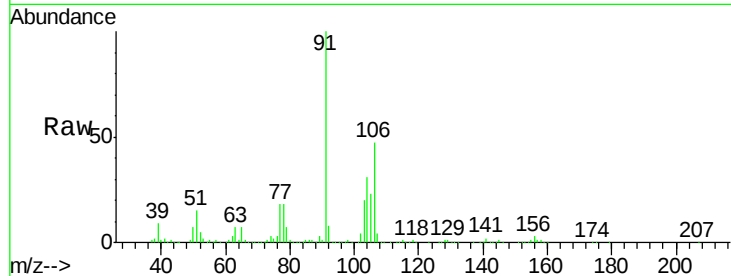
Tot Ion:104 Resp: 135669

Ion Ratio Lower Upper

104 100

78 78.4 38.2 57.2#

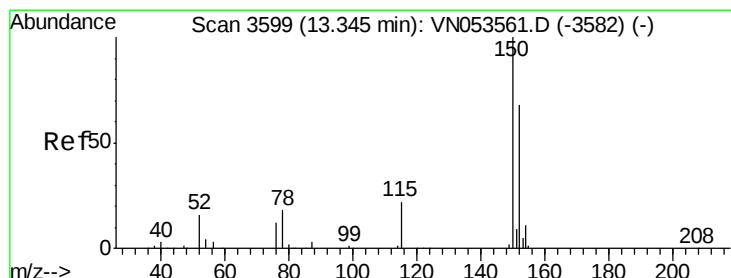
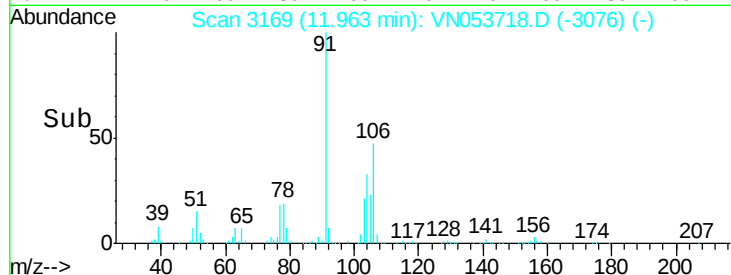
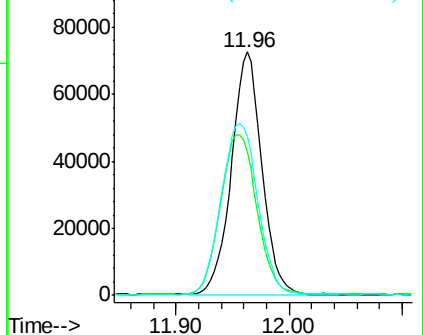
103 84.7 44.4 66.6#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

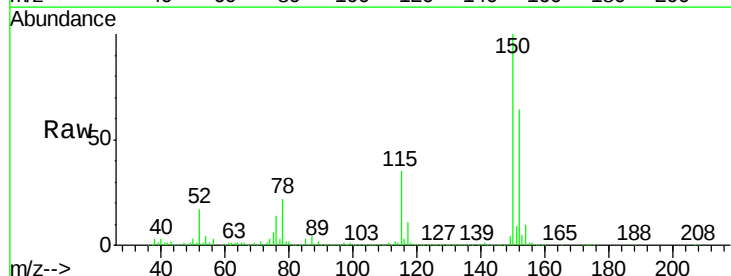
Tgt Ion:152 Resp: 570086

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

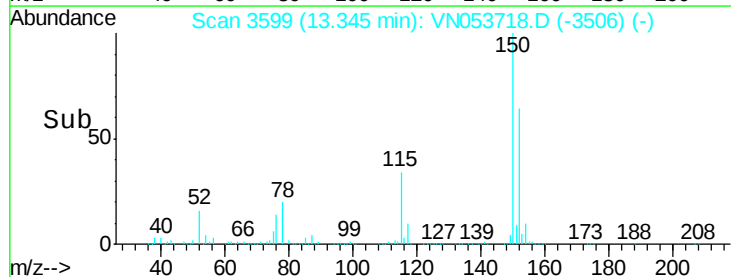
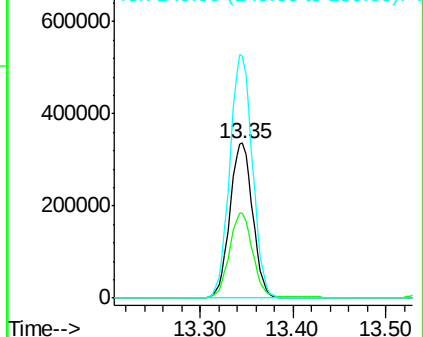
150 156.2 0.0 349.0

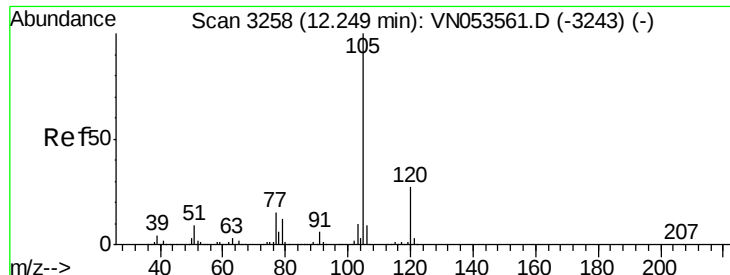


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.596 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

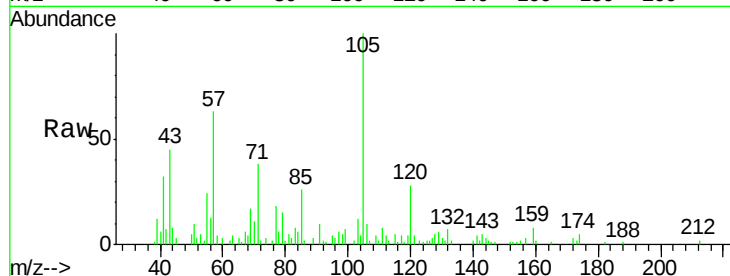
30226

Tot Ion:105 Resp: 23889

Ion Ratio Lower Upper

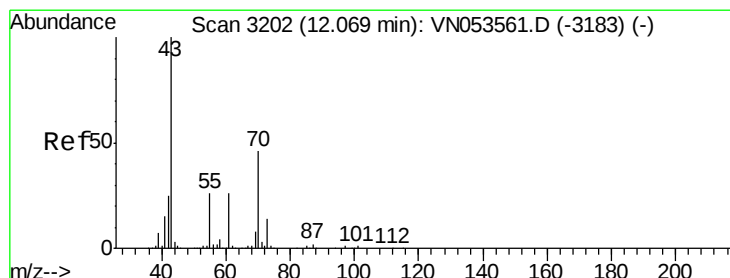
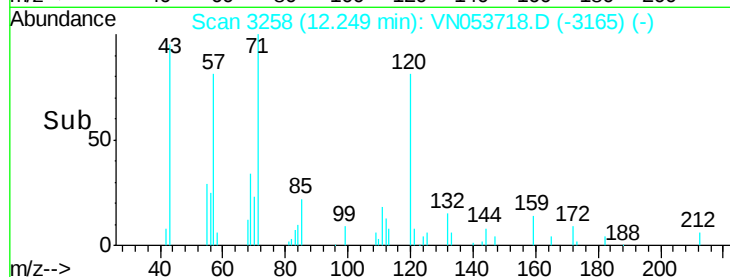
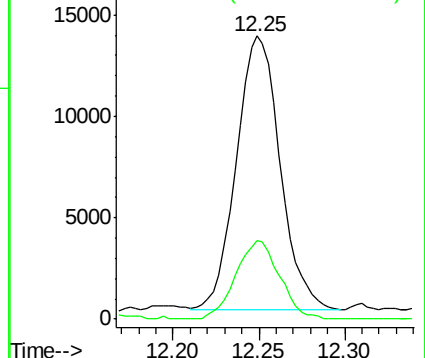
105 100

120 28.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 31.572 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Tgt Ion: 43 Resp: 304263

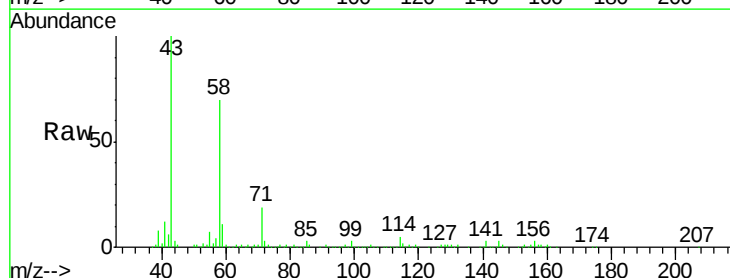
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.2#

55 0.0 20.9 31.3#

61 0.0 20.5 30.7#

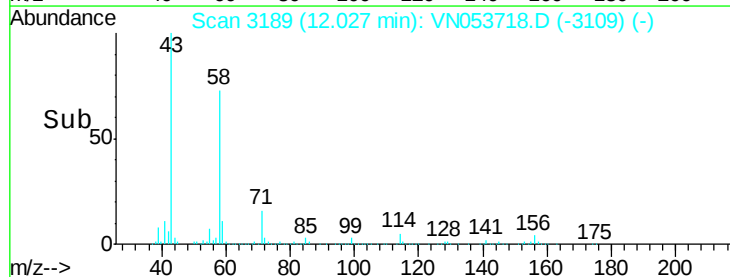
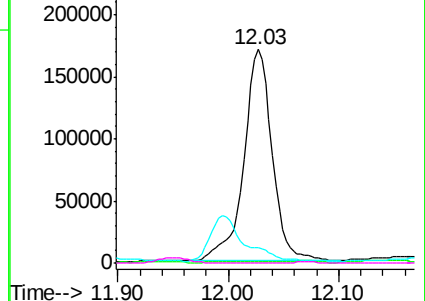


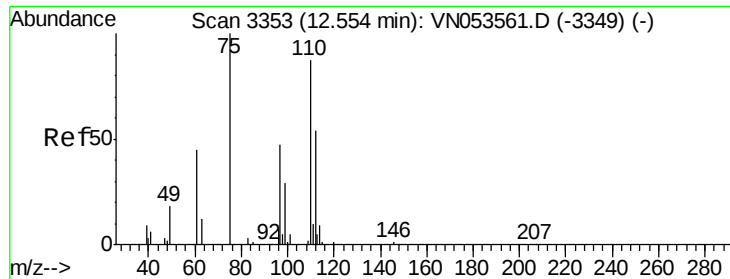
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 34.953 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

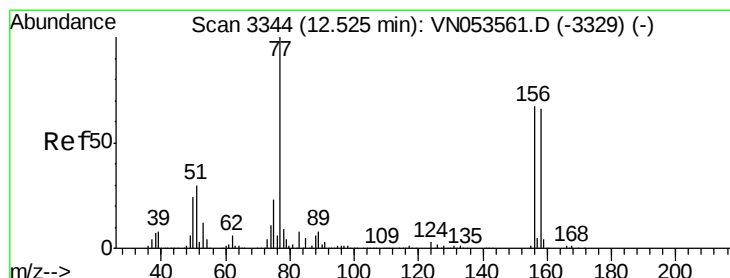
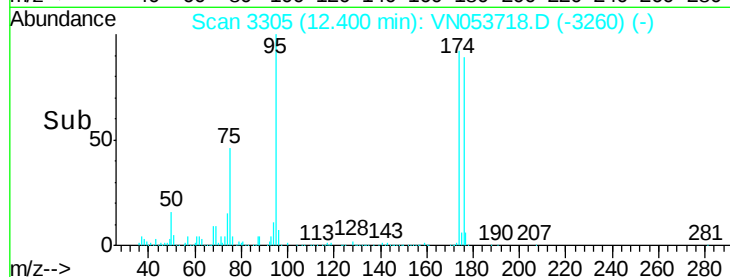
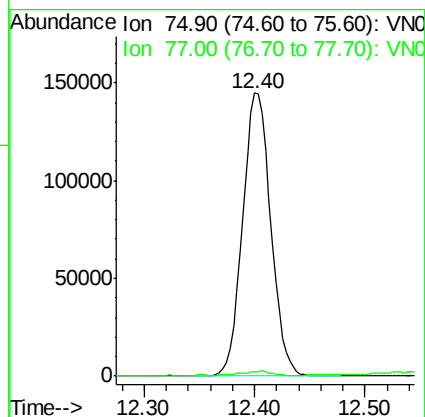
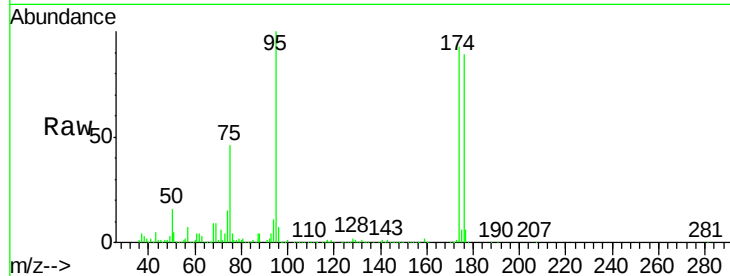
30226

Tot Ion: 75 Resp: 255941

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#77

Bromobenzene

Concen: 8.121 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.04 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

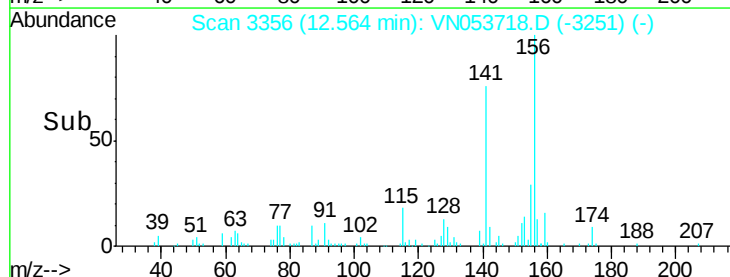
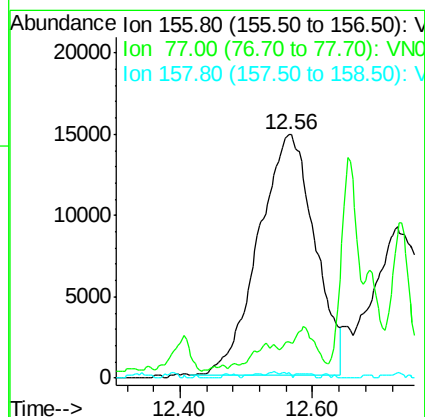
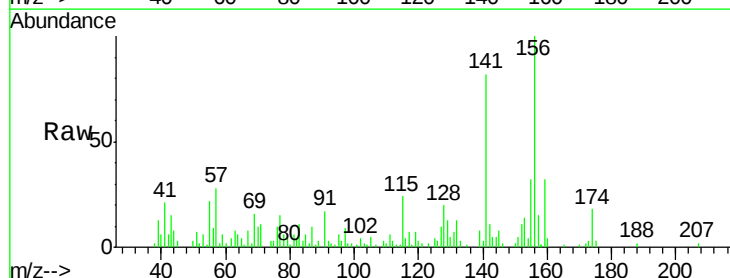
Tgt Ion: 156 Resp: 87709

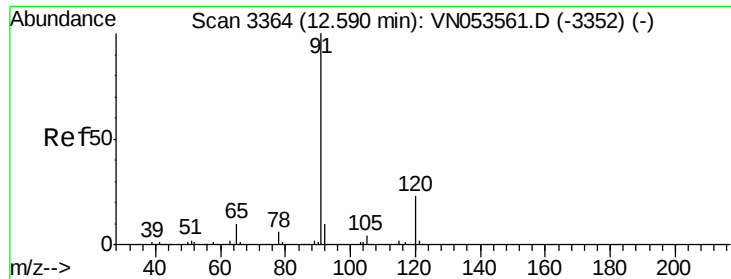
Ion Ratio Lower Upper

156 100

77 0.0 87.9 263.8#

158 0.0 48.8 146.4#





#78

n-propylbenzene

Concen: 1.127 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

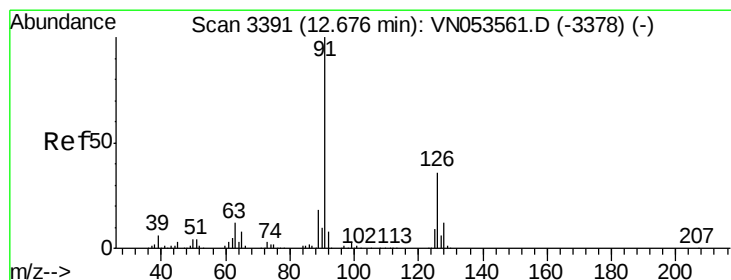
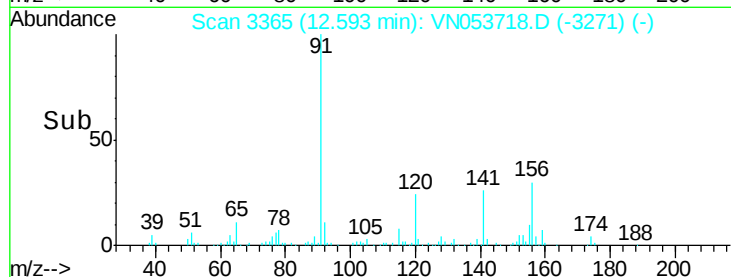
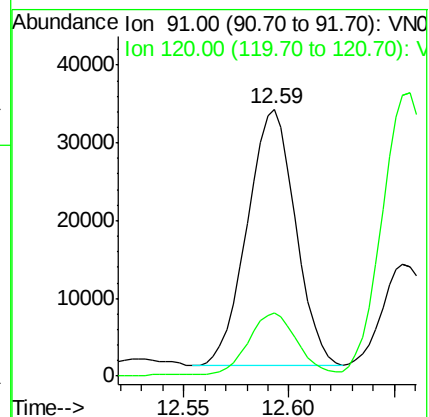
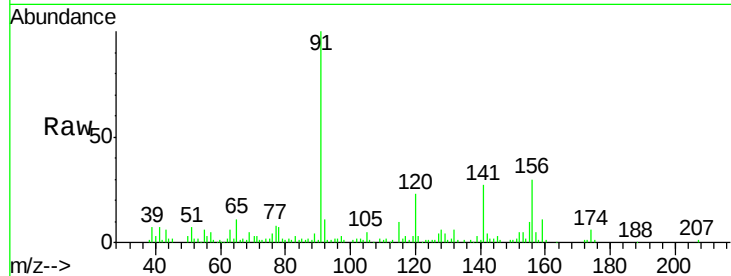
30226

Tot Ion: 91 Resp: 52215

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.743 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053718.D

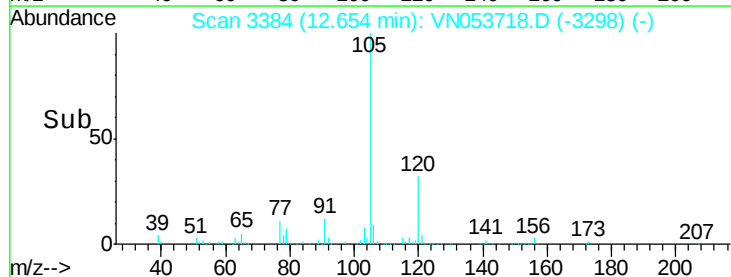
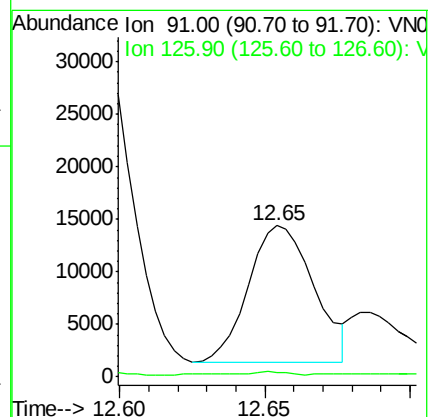
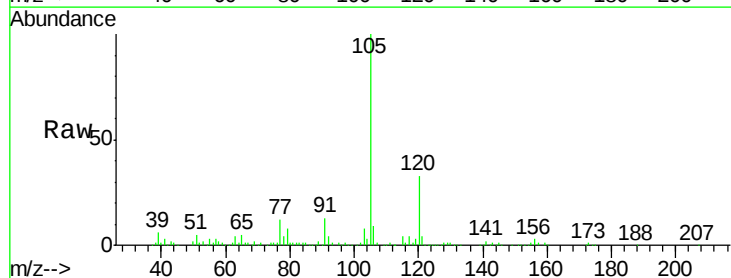
Acq: 11 Feb 2019 21:15

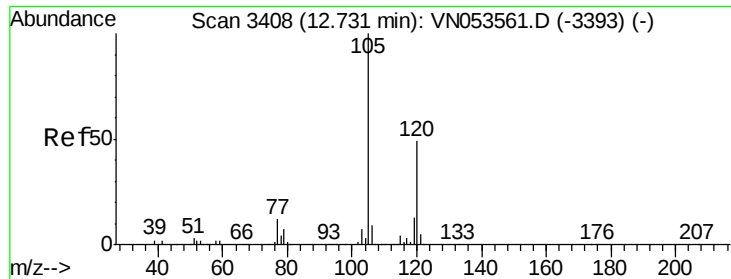
Tgt Ion: 91 Resp: 20416

Ion Ratio Lower Upper

91 100

126 1.1 17.9 53.7#





#80

1,3,5-Trimethylbenzene

Concen: 3.094 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

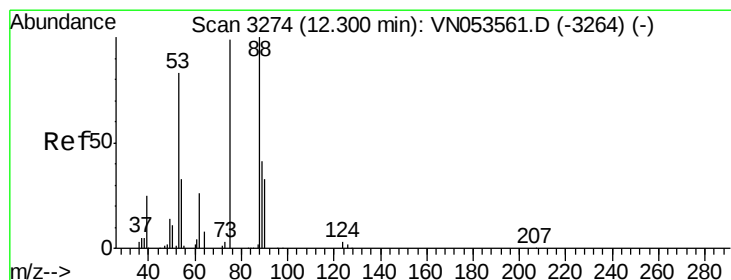
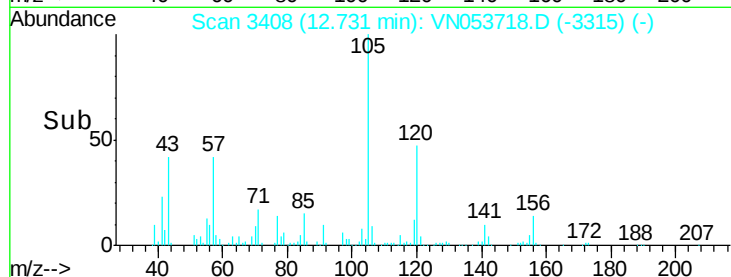
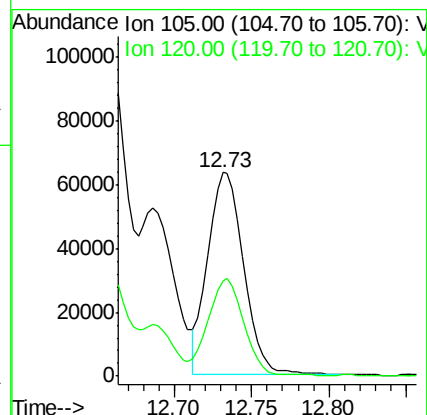
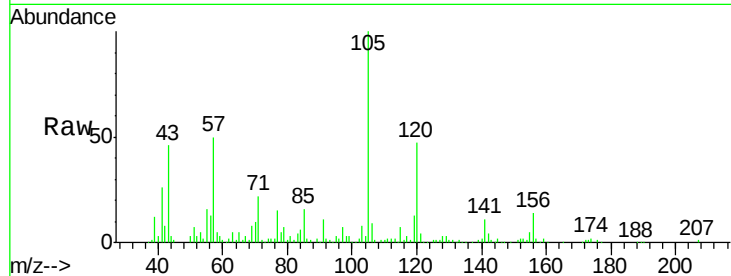
30226

Tot Ion:105 Resp: 102834

Ion Ratio Lower Upper

105 100

120 47.5 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 98.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

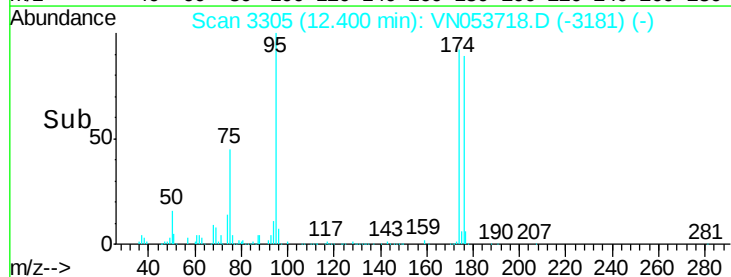
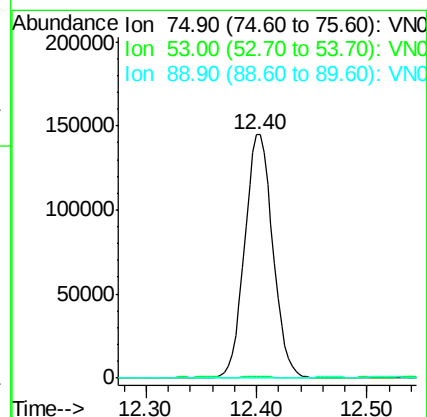
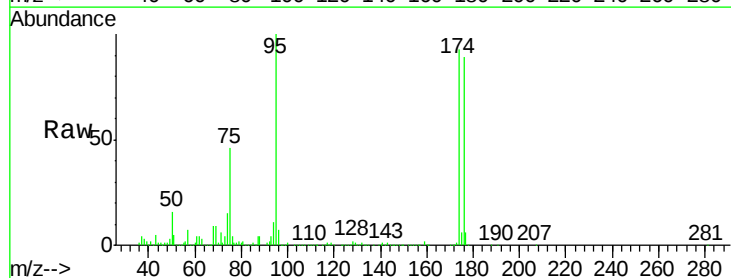
Tgt Ion: 75 Resp: 255941

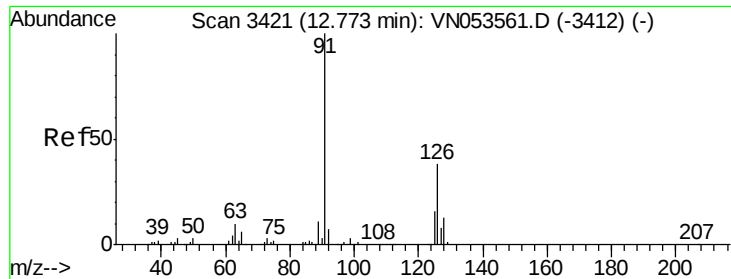
Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.6#

89 0.0 35.6 53.4#

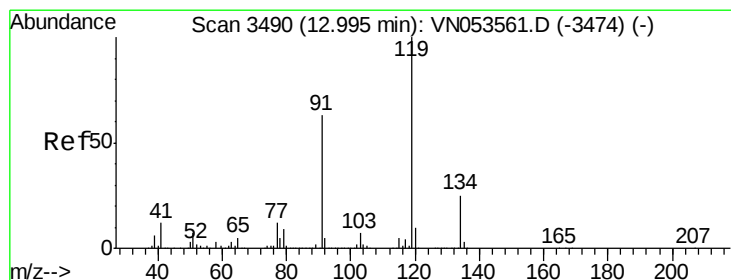
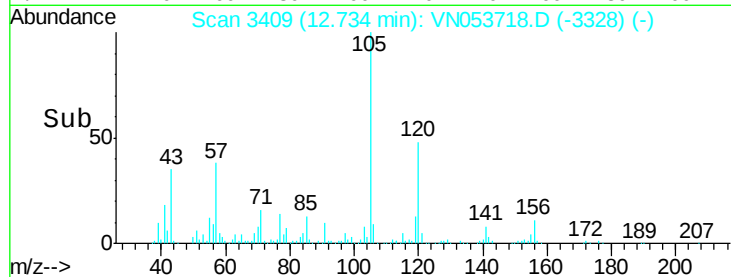
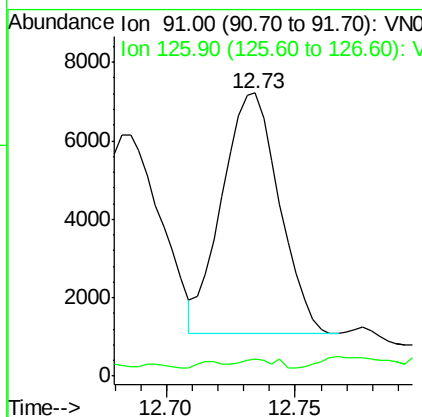
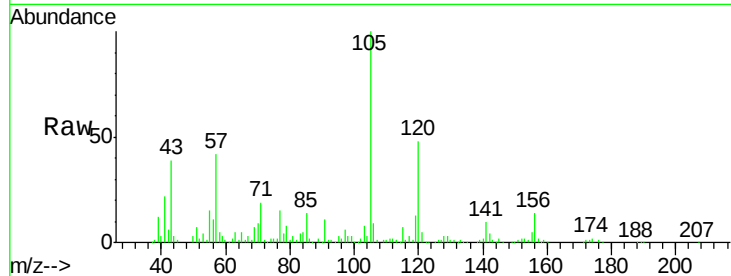




#82
4-Chlorotoluene
Concen: 0.335 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

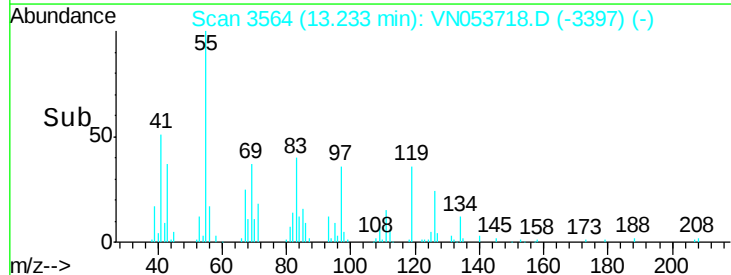
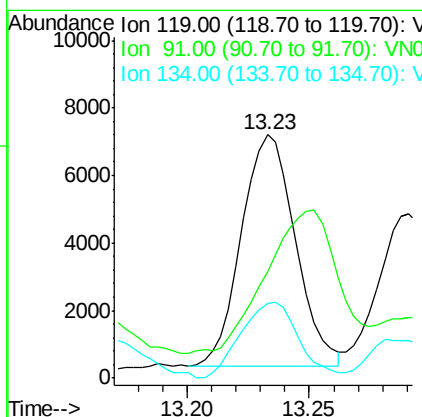
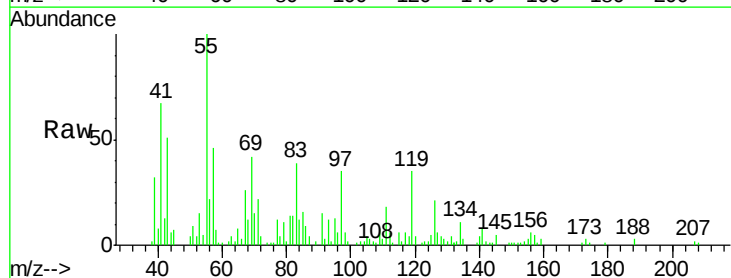
Instrument :
MSVOA_N
ClientSampled :
30226

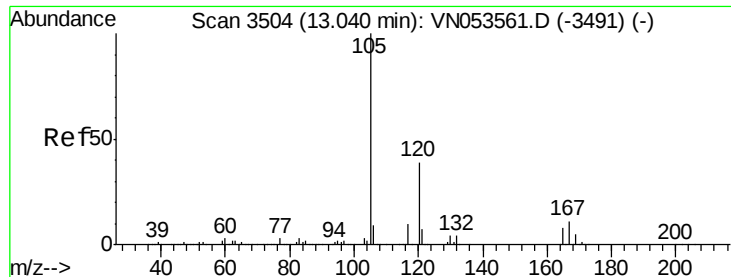
Tot Ion: 91 Resp: 9443
Ion Ratio Lower Upper
91 100
126 2.2 17.6 52.9#



#83
tert-Butylbenzene
Concen: 0.356 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. 0.24 min
Lab File: VN053718.D
Acq: 11 Feb 2019 21:15

Tgt Ion: 119 Resp: 10466
Ion Ratio Lower Upper
119 100
91 82.8 31.3 93.8
134 35.4 12.9 38.7





#84

1,2,4-Trimethylbenzene

Concen: 9.418 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampleId :

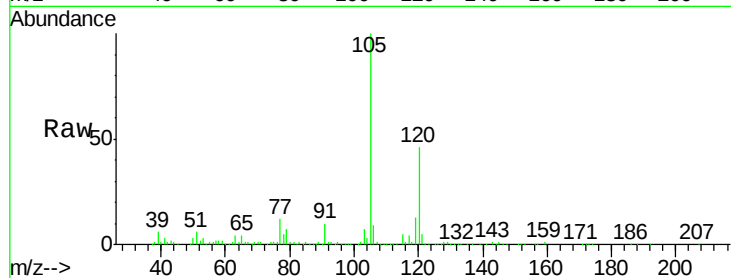
30226

Tot Ion:105 Resp: 318880

Ion Ratio Lower Upper

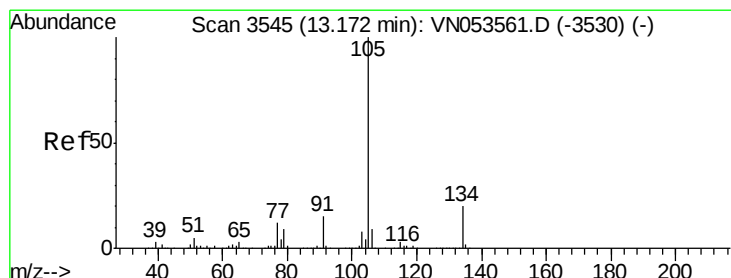
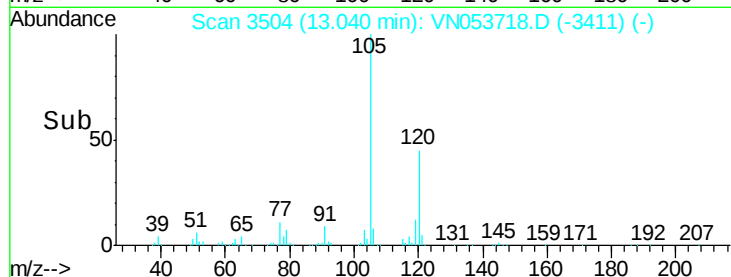
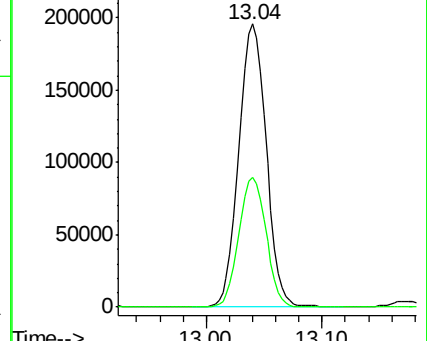
105 100

120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.978 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053718.D

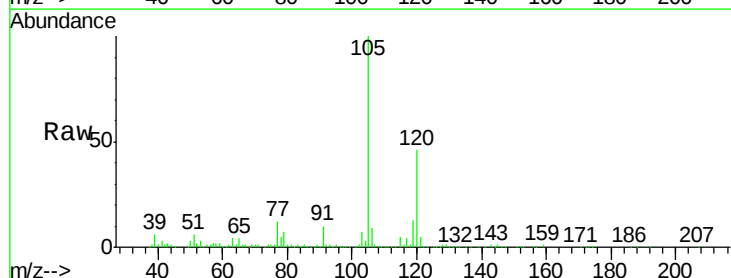
Acq: 11 Feb 2019 21:15

Tgt Ion:105 Resp: 318880

Ion Ratio Lower Upper

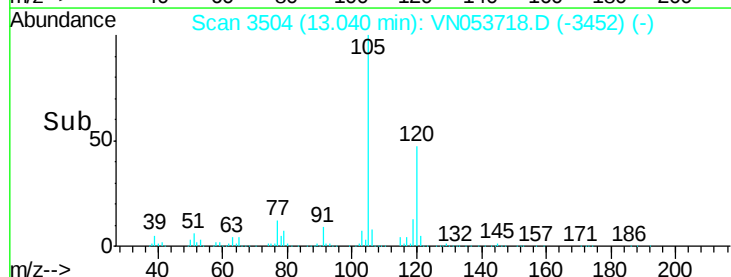
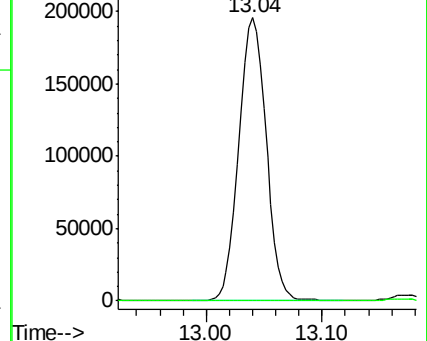
105 100

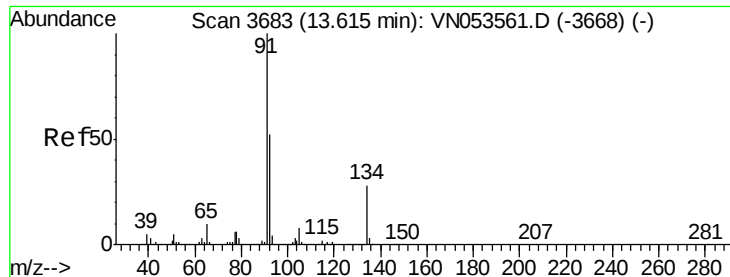
134 0.0 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 0.285 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053718.D

Acq: 11 Feb 2019 21:15

Instrument :

MSVOA_N

ClientSampled :

30226

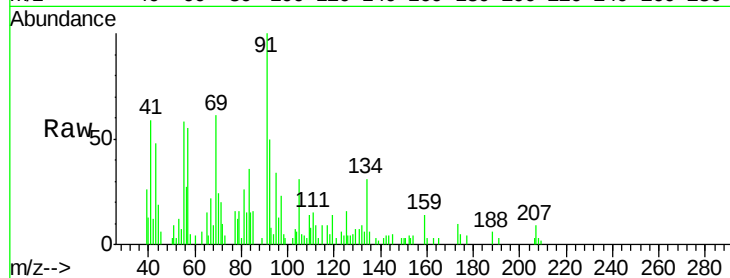
Tot Ion: 91 Resp: 8610

Ion Ratio Lower Upper

91 100

92 61.8 26.3 78.8

134 0.0 13.5 40.5#

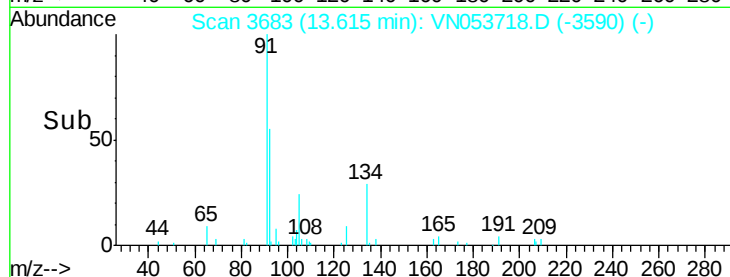


Abundance Ion 91.00 (90.70 to 91.70): VN053718.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN053718.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN053718.D (-3671) (-)

Time-->

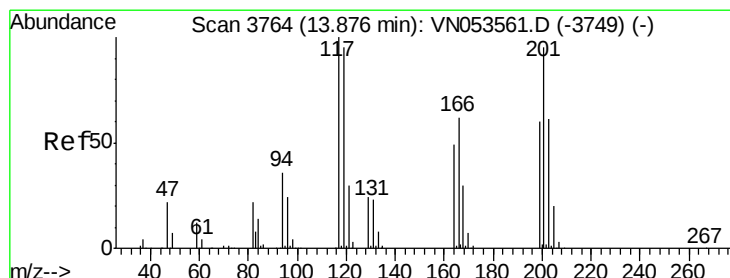


Abundance Ion 91.00 (90.70 to 91.70): VN053718.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN053718.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN053718.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 0.718 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053718.D

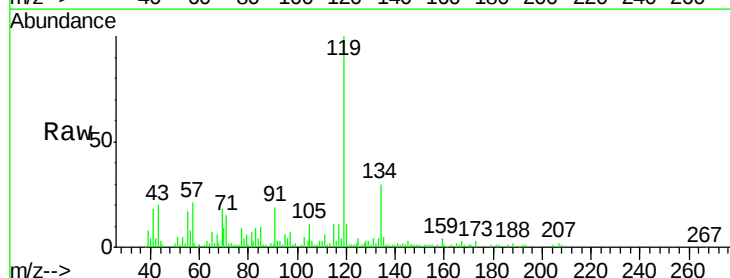
Acq: 11 Feb 2019 21:15

Tgt Ion: 117 Resp: 4138

Ion Ratio Lower Upper

117 100

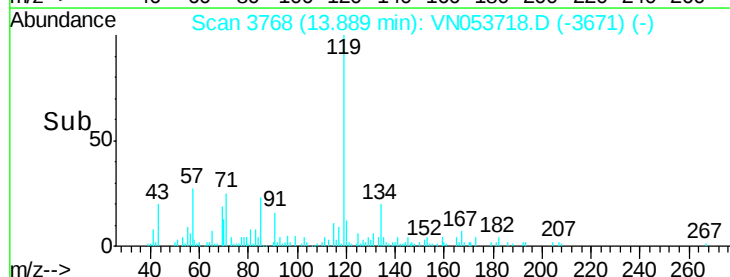
201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): VN053718.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN053718.D (-3671) (-)

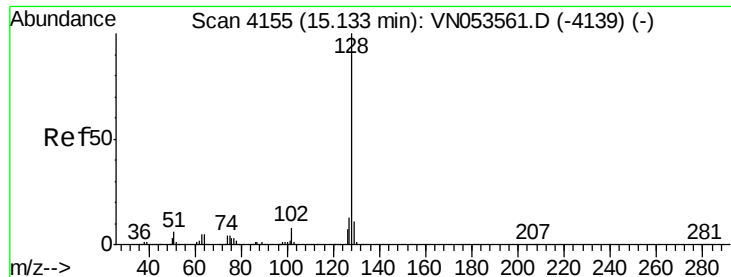
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN053718.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN053718.D (-3671) (-)

Time-->



#95
 Naphthalene
 Concen: 45.494 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053718.D
 Acq: 11 Feb 2019 21:15

Instrument :
 MSVOA_N
 ClientSampleId :
 30226

Tot Ion:128 Resp: 1135243
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 10.8 8.6 13.0

