

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053916.D
 Acq On : 22 Feb 2019 15:19
 Operator : JC/SP
 Sample : K1572-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 23:30:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	961545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406128	50.00	ug/l	0.00

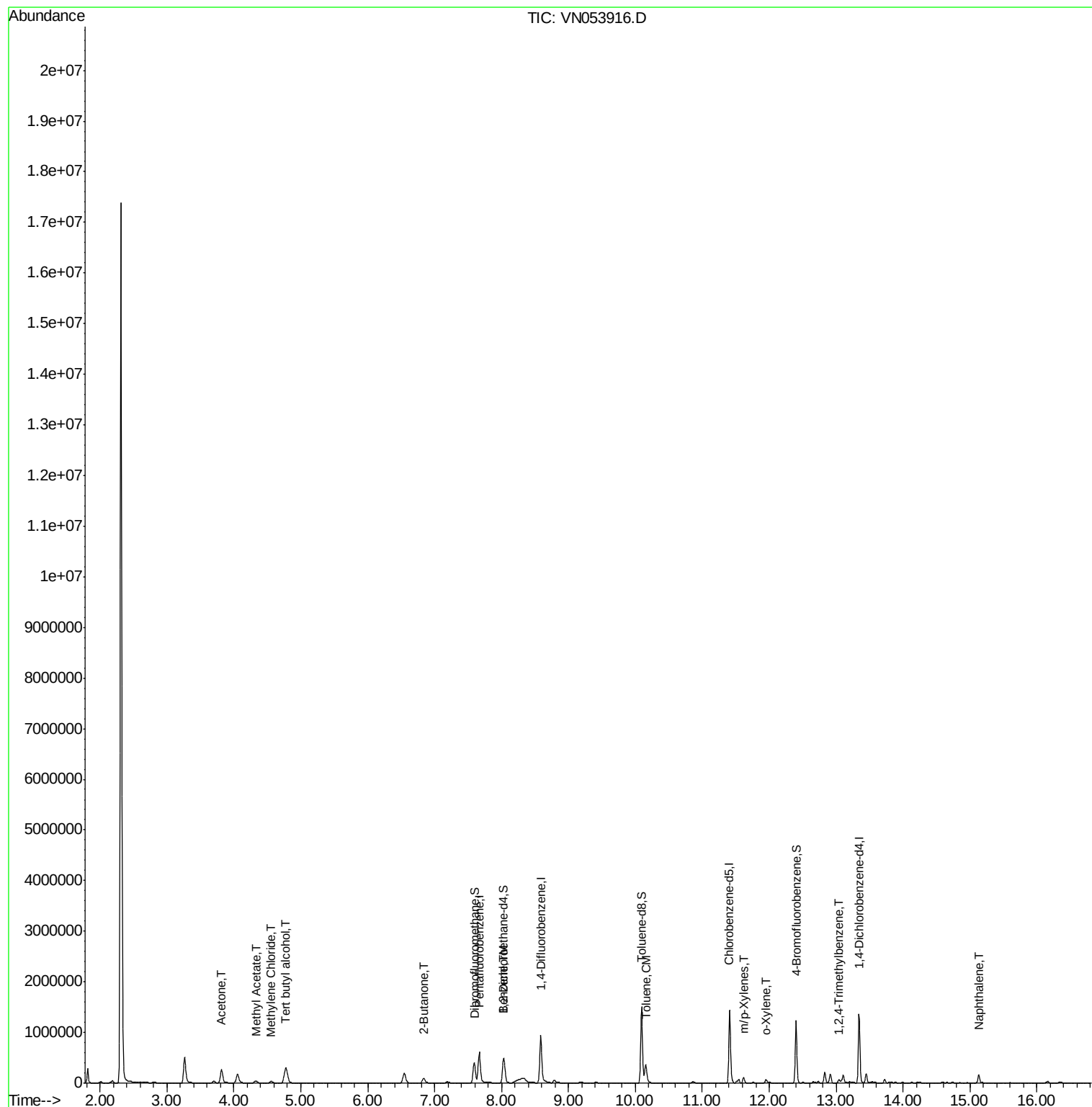
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	316770	50.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.04%	
35) Dibromofluoromethane	7.59	113	319244	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
50) Toluene-d8	10.09	98	1211354	50.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	421222	53.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.32%	

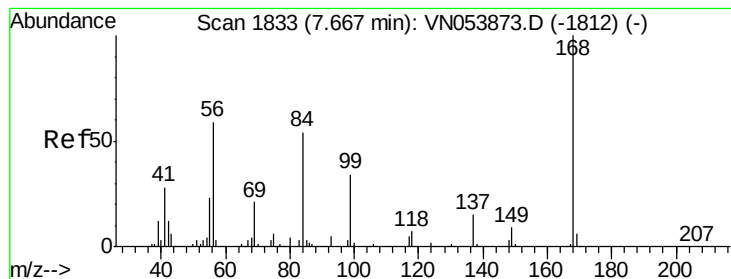
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	587838	1486.813	ug/l	100
16) Acetone	3.82	43	443840	254.817	ug/l	96
18) Methyl Acetate	4.33	43	82210	19.998	ug/l	99
20) Methylene Chloride	4.55	84	25250	3.872	ug/l	95
25) 2-Butanone	6.84	43	170561	75.886	ug/l	99
40) Benzene	8.04	78	208197	7.660	ug/l	99
52) Toluene	10.16	92	170286	10.572	ug/l	99
68) m/p-Xylenes	11.62	106	38660	3.065	ug/l	98
69) o-Xylene	11.95	106	15634	1.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	38258	1.606	ug/l	99
95) Naphthalene	15.13	128	147073	12.897	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022219\
Data File : VN053916.D
Acq On : 22 Feb 2019 15:19
Operator : JC/SP
Sample : K1572-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 23:30:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 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: VN053916.D

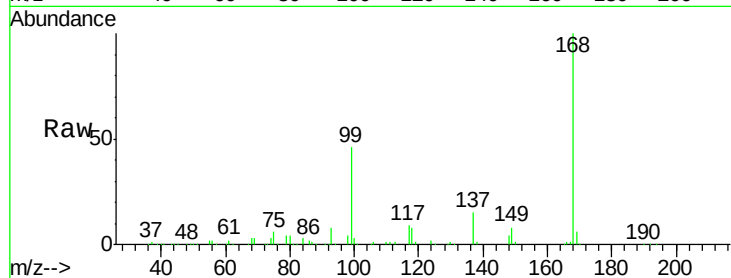
Acq: 22 Feb 2019 15:19

Tot Ion:168 Resp: 619712

Ion Ratio Lower Upper

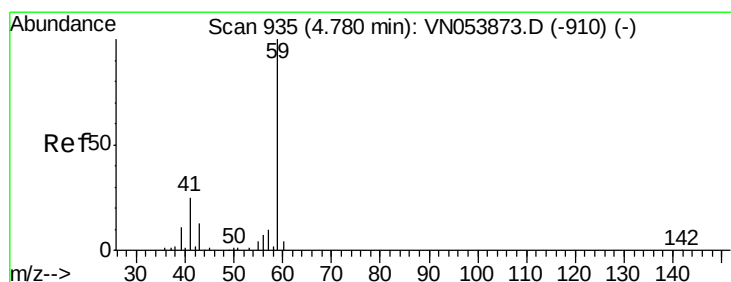
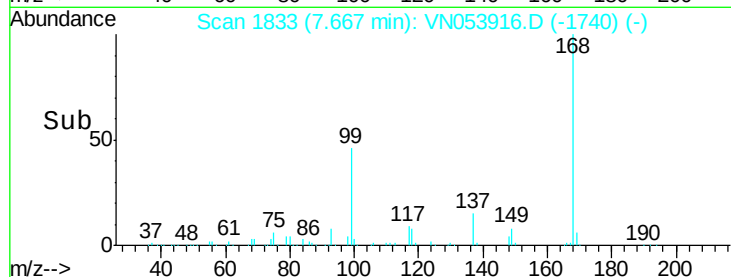
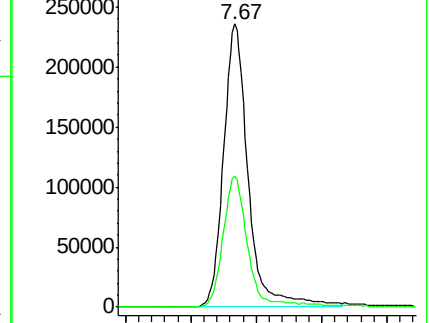
168 100

99 46.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 1486.813 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053916.D

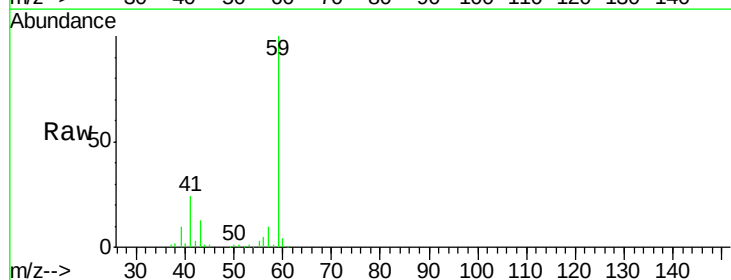
Acq: 22 Feb 2019 15:19

Tgt Ion: 59 Resp: 587838

Ion Ratio Lower Upper

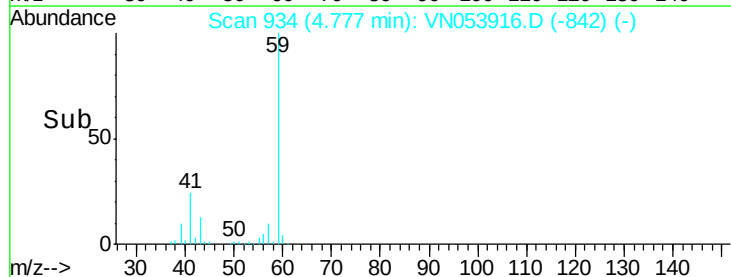
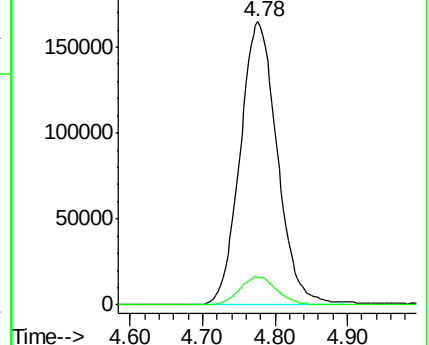
59 100

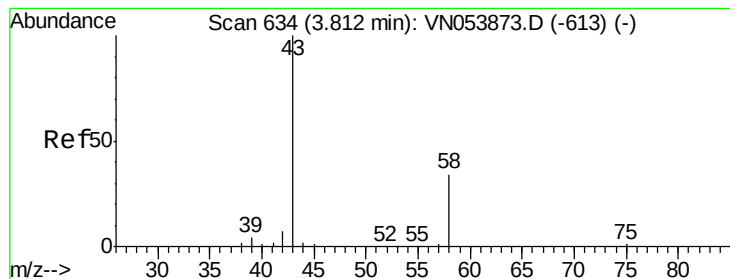
57 10.0 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 254.817 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053916.D

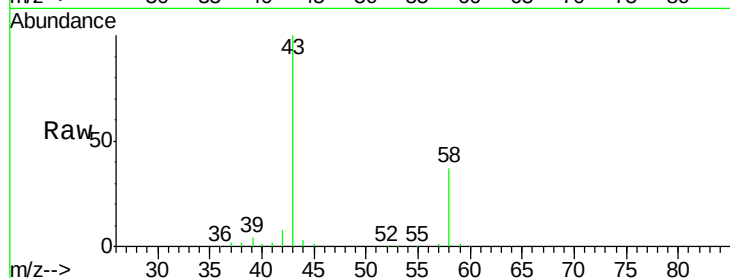
Acq: 22 Feb 2019 15:19

Tot Ion: 43 Resp: 443840

Ion Ratio Lower Upper

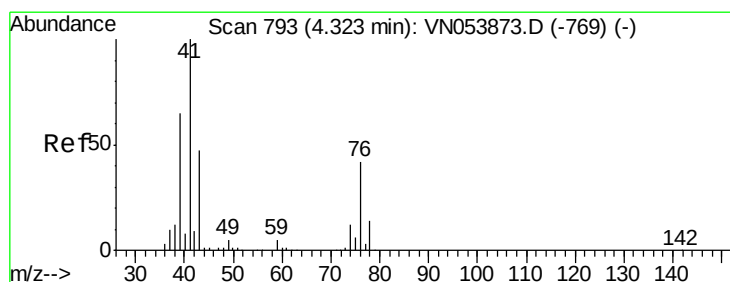
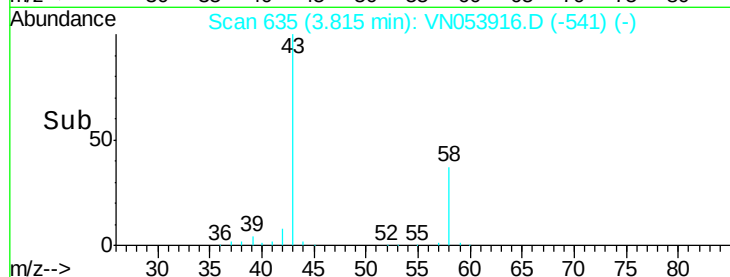
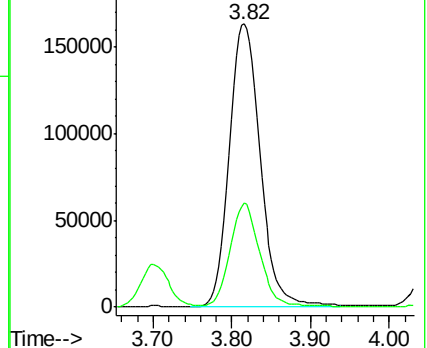
43 100

58 36.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 19.998 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053916.D

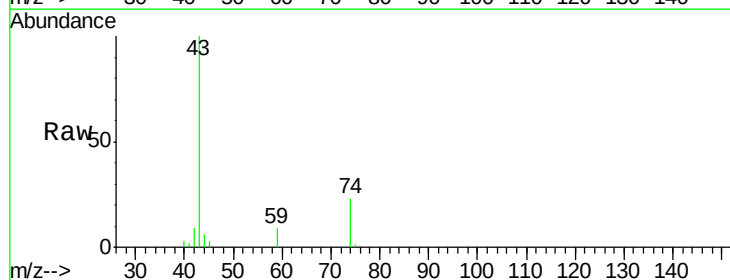
Acq: 22 Feb 2019 15:19

Tgt Ion: 43 Resp: 82210

Ion Ratio Lower Upper

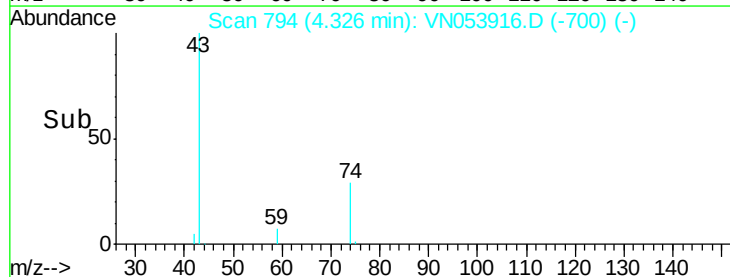
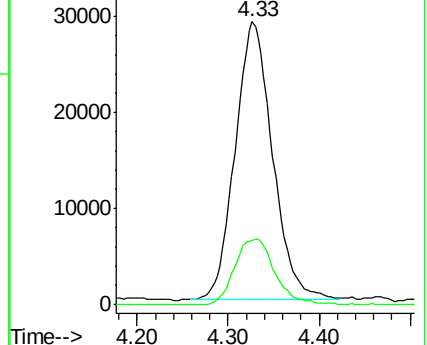
43 100

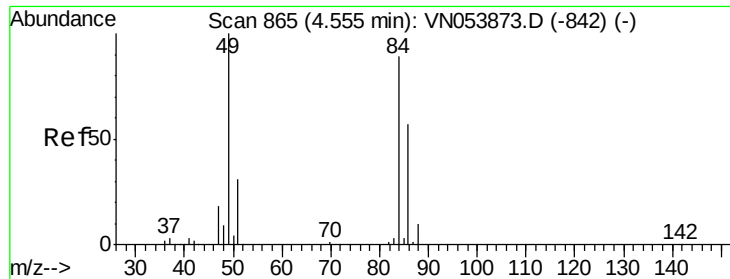
74 25.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

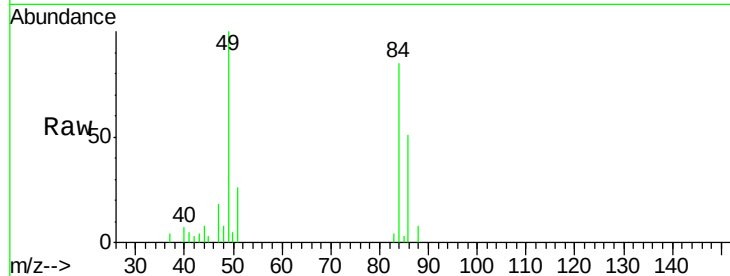
Ion 74.00 (73.70 to 74.70): VN0



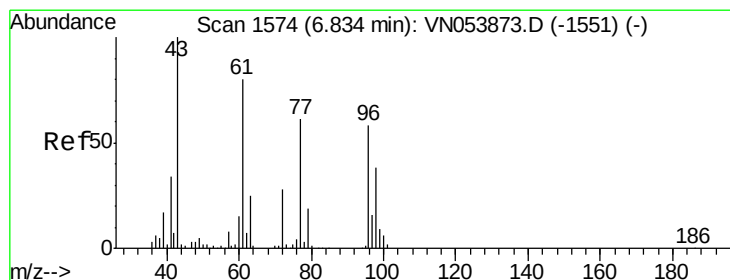
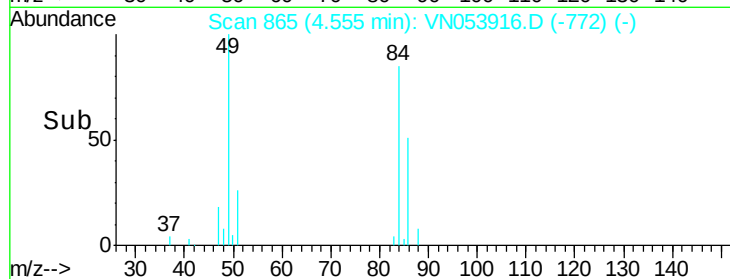
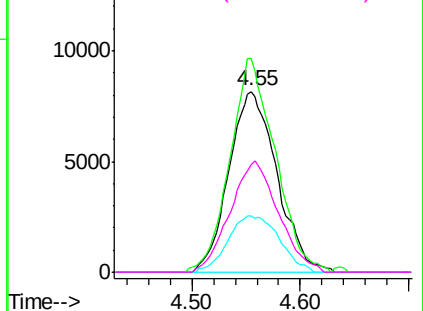


#20
Methvlene Chloride
Concen: 3.872 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053916.D
Acq: 22 Feb 2019 15:19

Tot Ion: 84 Resp: 25250
Ion Ratio Lower Upper
84 100
49 115.7 89.7 134.5
51 30.8 27.8 41.8
86 59.5 51.3 76.9

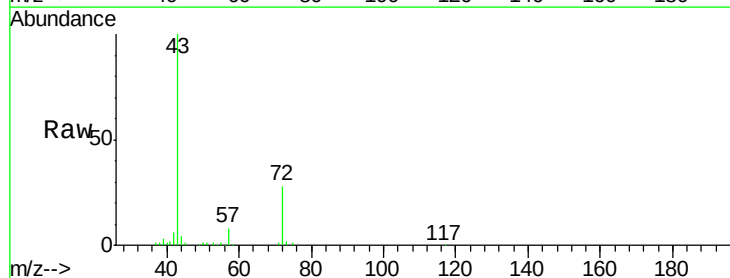


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

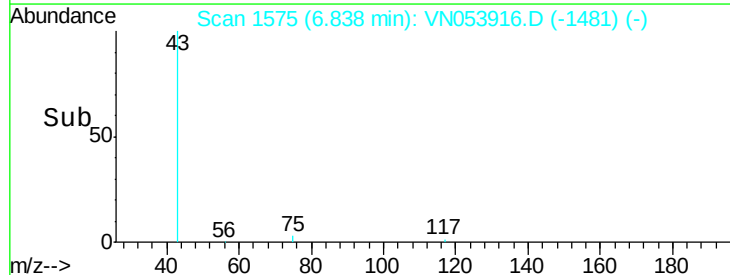
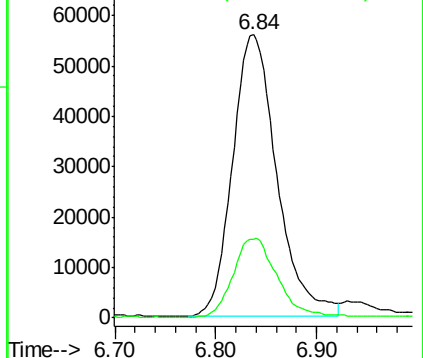


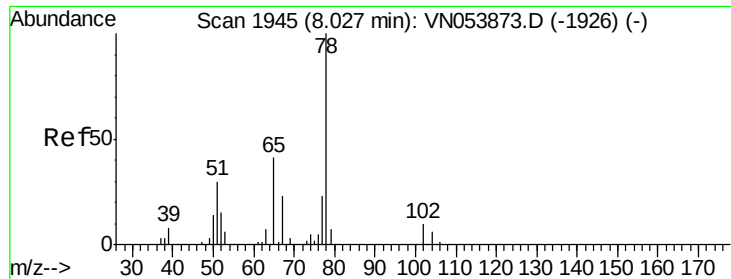
#25
2-Butanone
Concen: 75.886 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053916.D
Acq: 22 Feb 2019 15:19

Tgt Ion: 43 Resp: 170561
Ion Ratio Lower Upper
43 100
72 28.0 22.1 33.1



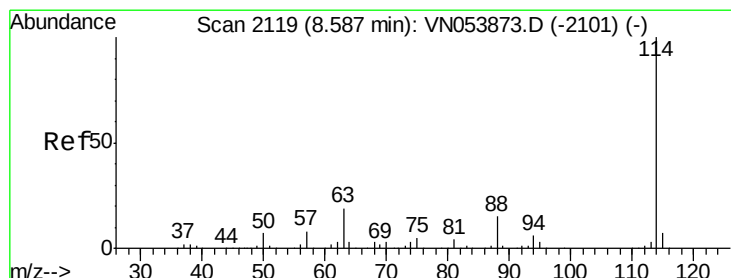
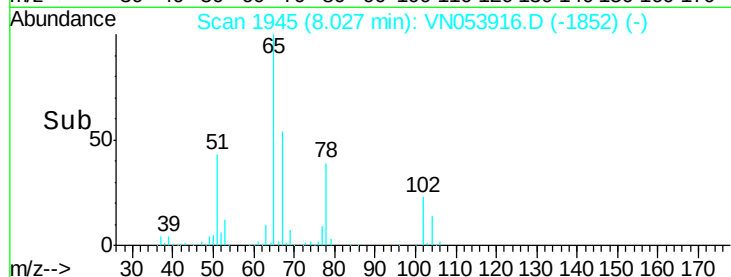
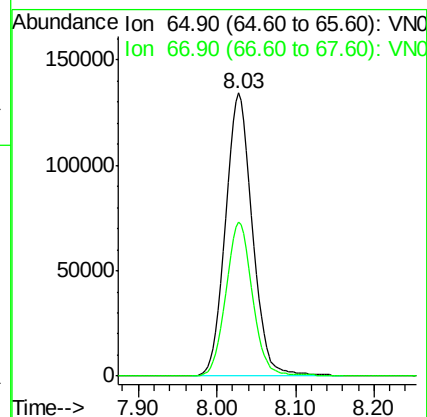
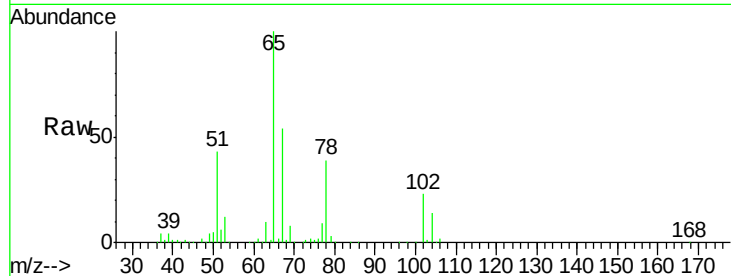
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





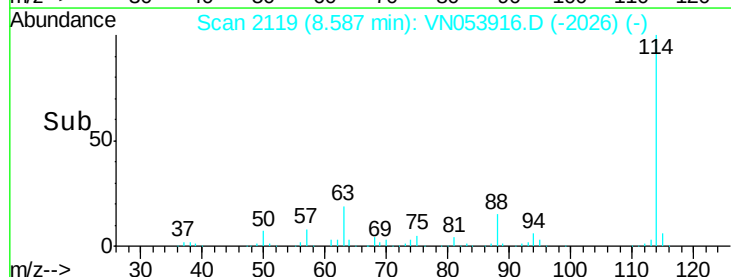
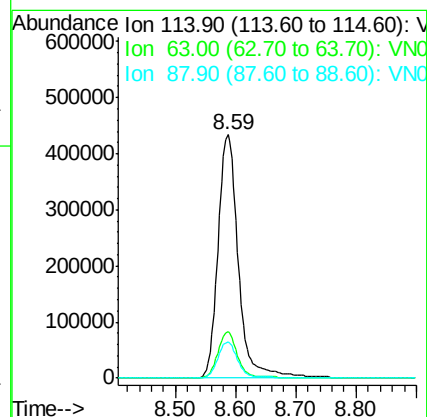
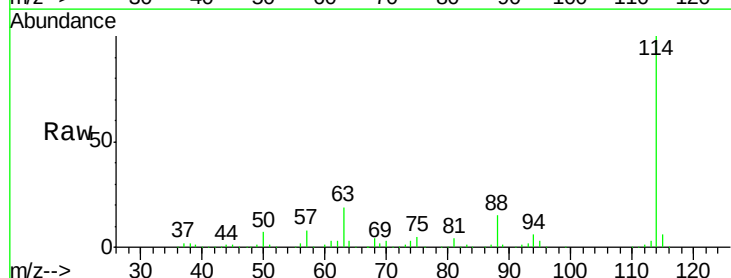
#33
 1,2-Dichloroethane-d4
 Concen: 50.016 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053916.D
 Acq: 22 Feb 2019 15:19

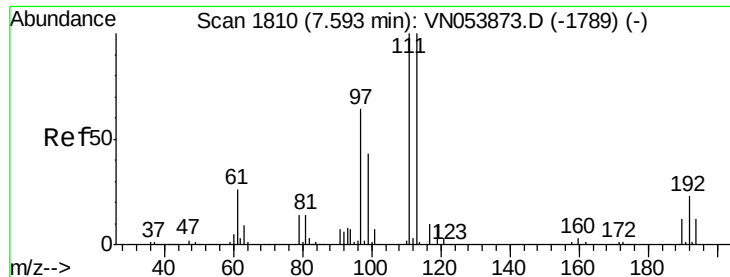
Tot Ion: 65 Resp: 316770
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053916.D
 Acq: 22 Feb 2019 15:19

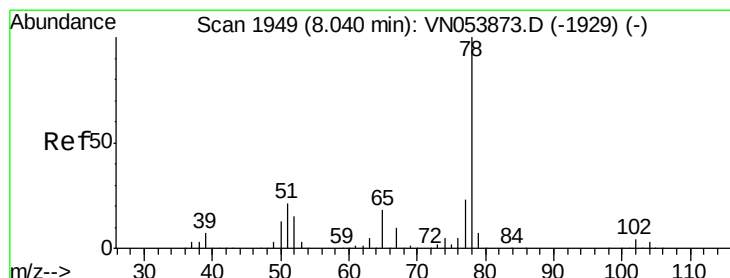
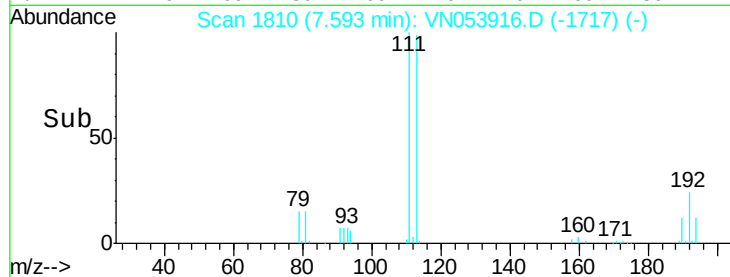
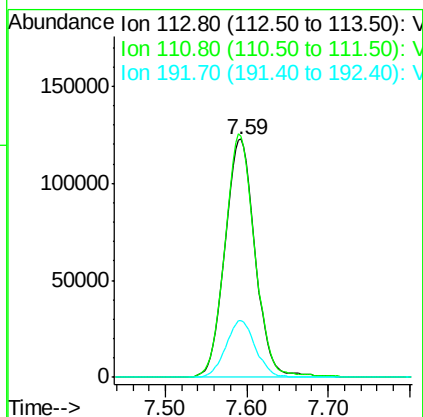
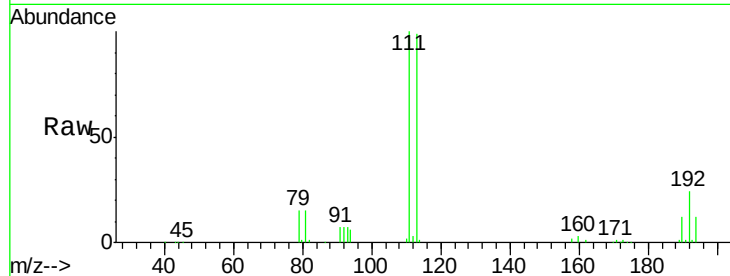
Tgt Ion: 114 Resp: 1003070
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 15.0 0.0 30.4





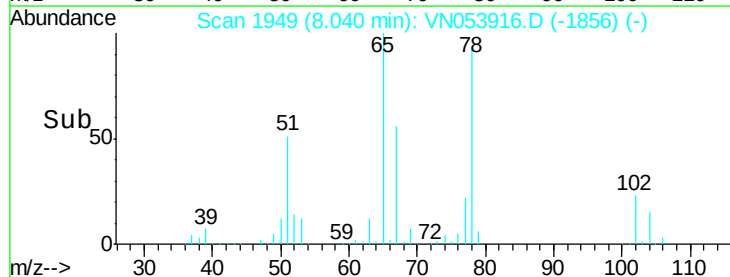
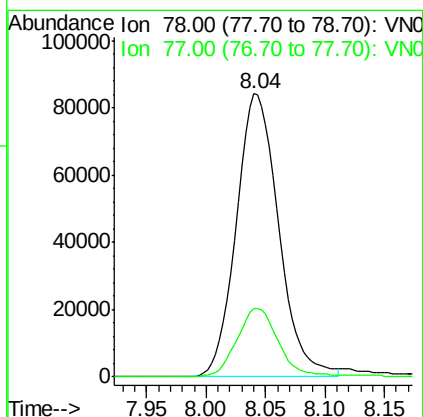
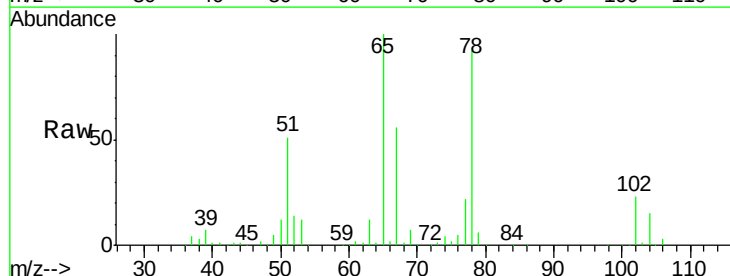
#35
 Dibromofluoromethane
 Concen: 48.495 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053916.D
 Acq: 22 Feb 2019 15:19

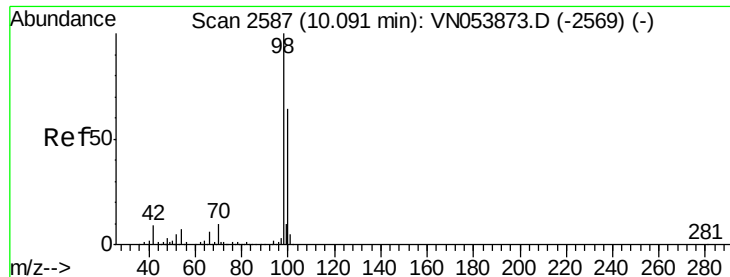
Tot Ion:113 Resp: 319244
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.1 121.7
 192 23.4 18.8 28.2



#40
 Benzene
 Concen: 7.660 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VN053916.D
 Acq: 22 Feb 2019 15:19

Tgt Ion: 78 Resp: 208197
 Ion Ratio Lower Upper
 78 100
 77 24.2 18.8 28.2





#50

Toluene-d8

Concen: 50.948 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053916.D

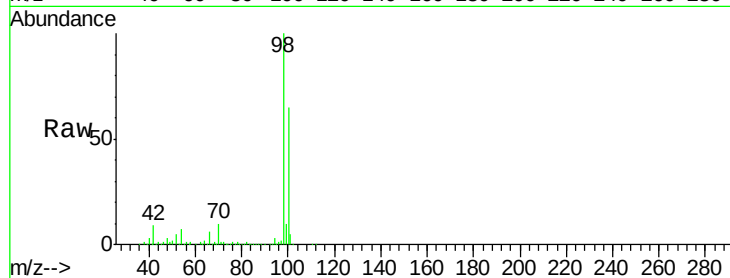
Acq: 22 Feb 2019 15:19

Tot Ion: 98 Resp: 1211354

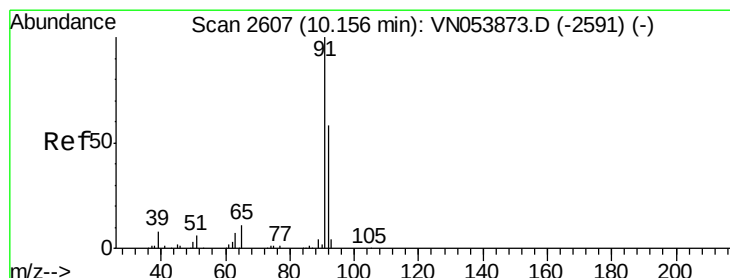
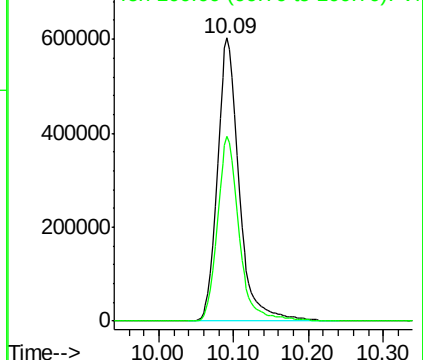
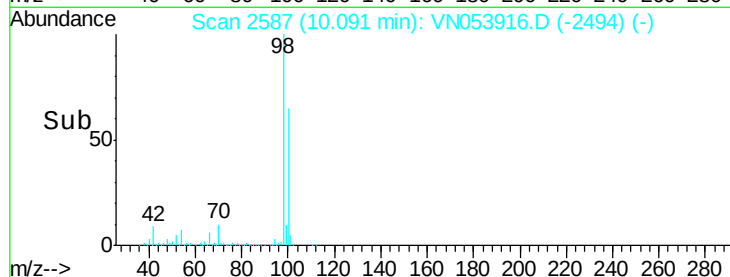
Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053916.D (-2494) (-)



#52

Toluene

Concen: 10.572 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053916.D

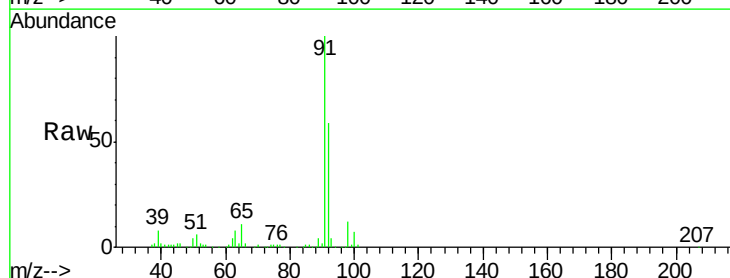
Acq: 22 Feb 2019 15:19

Tgt Ion: 92 Resp: 170286

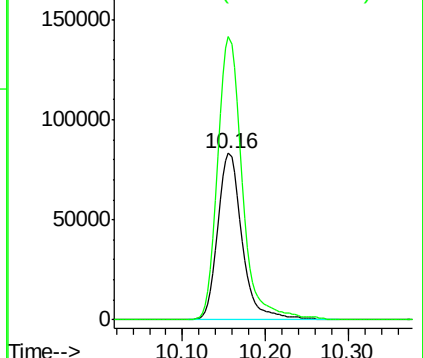
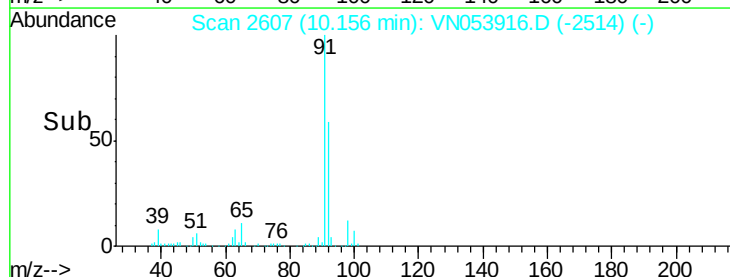
Ion Ratio Lower Upper

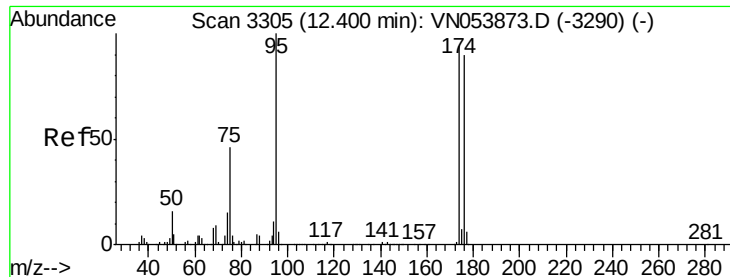
92 100

91 171.7 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN053916.D (-2514) (-)





#62

4-Bromofluorobenzene

Concen: 53.663 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053916.D

Acq: 22 Feb 2019 15:19

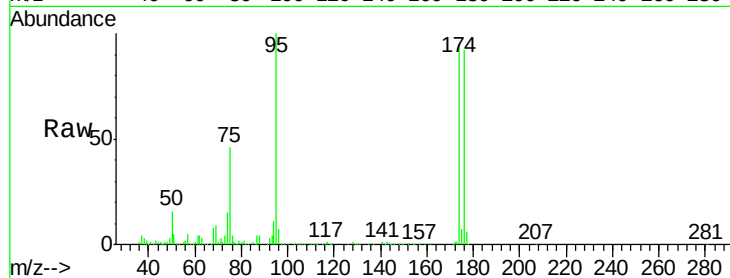
Tot Ion: 95 Resp: 421222

Ion Ratio Lower Upper

95 100

174 95.7 0.0 188.8

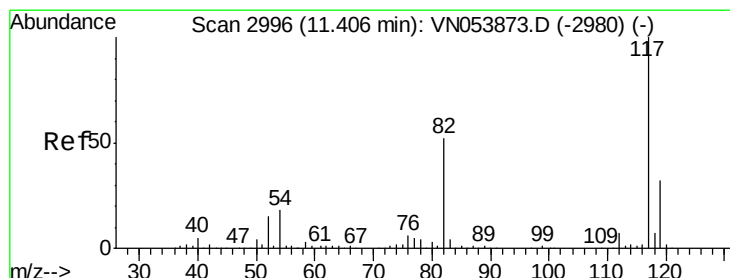
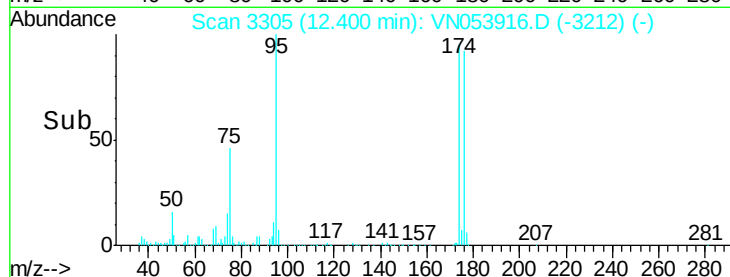
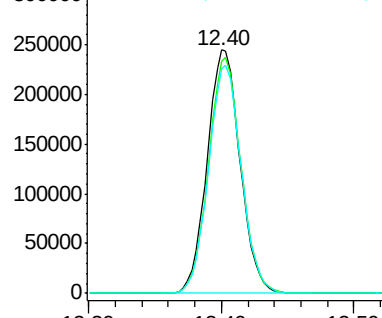
176 93.0 0.0 182.6



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: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053916.D

Acq: 22 Feb 2019 15:19

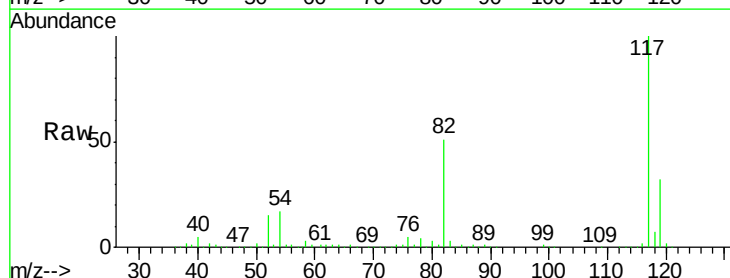
Tgt Ion: 117 Resp: 961545

Ion Ratio Lower Upper

117 100

82 50.9 41.4 62.2

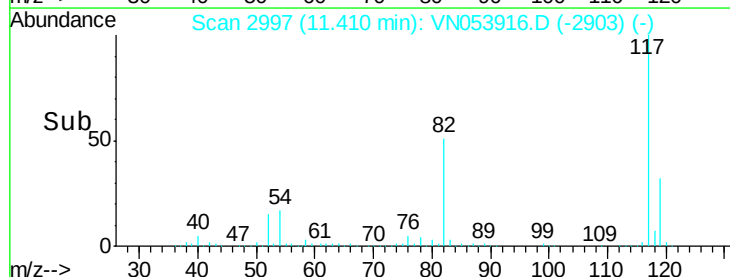
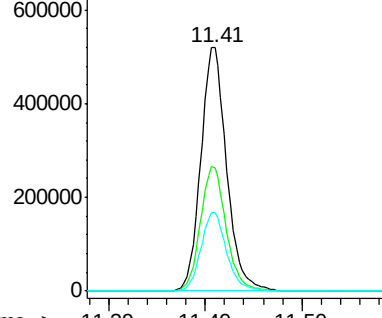
119 32.1 25.3 37.9

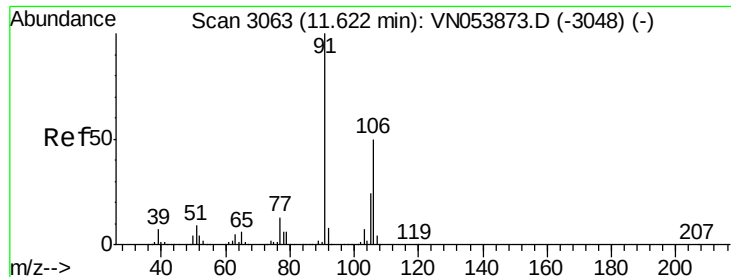


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

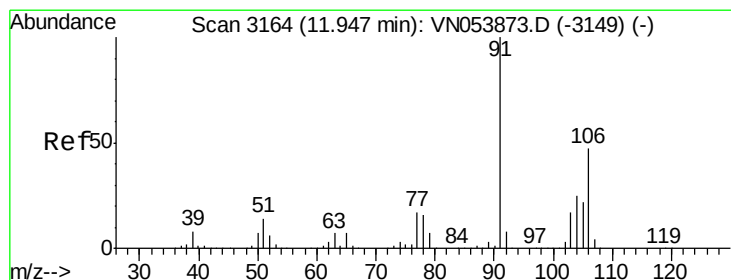
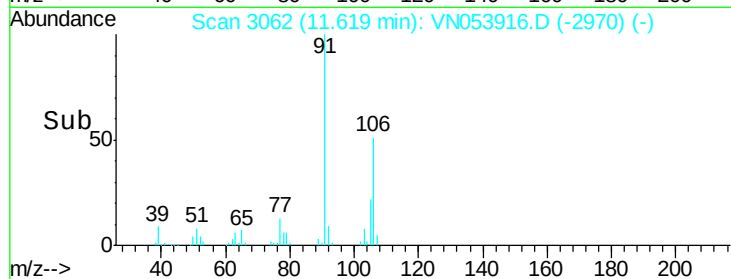
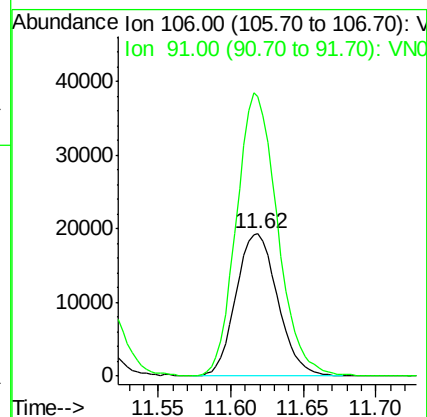
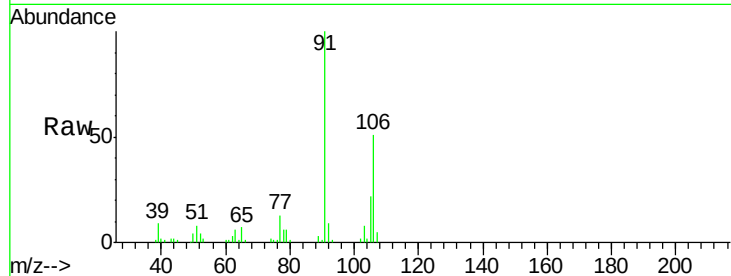
Ion 118.90 (118.60 to 119.60): VN0





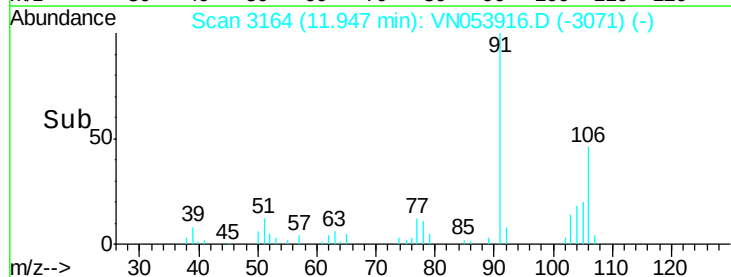
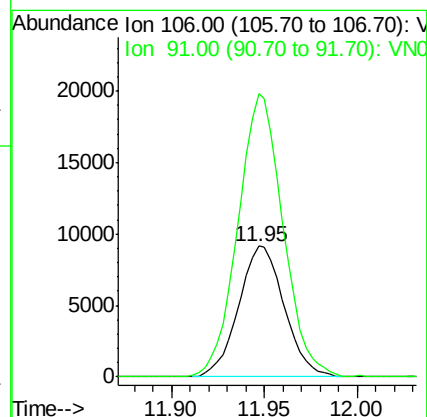
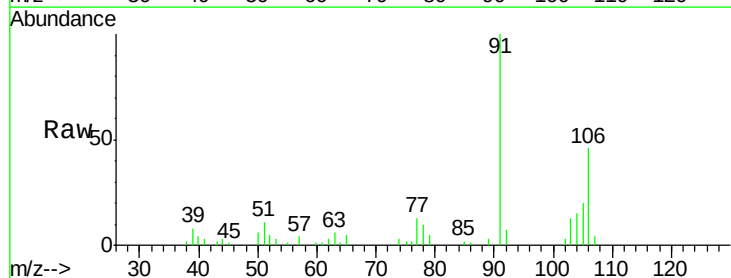
#68
m/p-Xylenes
Concen: 3.065 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053916.D
Acq: 22 Feb 2019 15:19

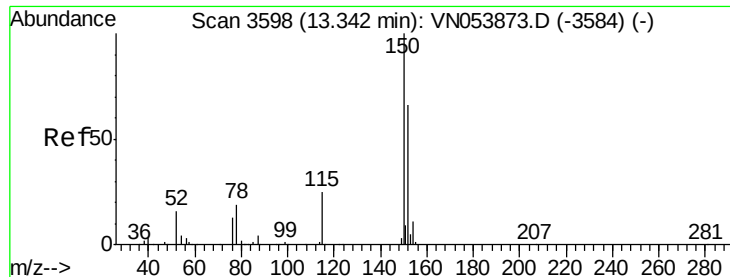
Tot Ion:106 Resp: 38660
Ion Ratio Lower Upper
106 100
91 196.1 158.9 238.3



#69
o-Xylene
Concen: 1.288 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053916.D
Acq: 22 Feb 2019 15:19

Tgt Ion:106 Resp: 15634
Ion Ratio Lower Upper
106 100
91 213.4 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053916.D

Acq: 22 Feb 2019 15:19

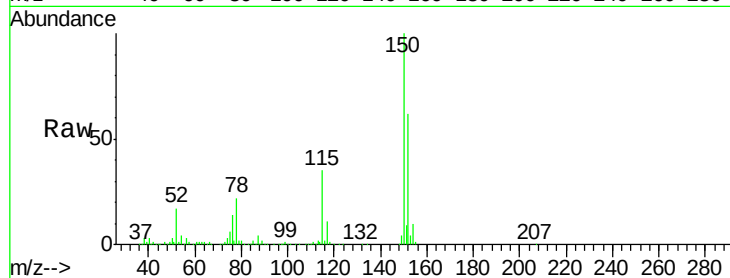
Tot Ion:152 Resp: 406128

Ion Ratio Lower Upper

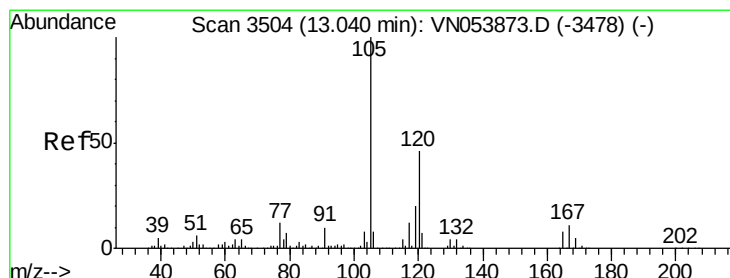
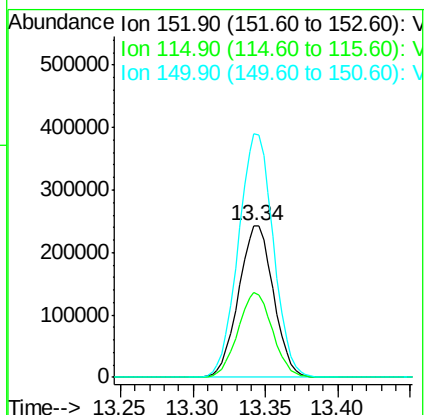
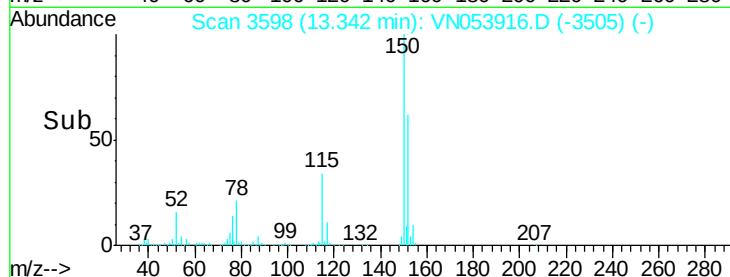
152 100

115 55.4 27.2 81.6

150 160.8 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.606 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053916.D

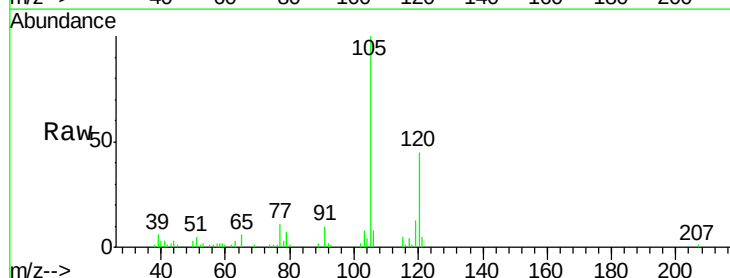
Acq: 22 Feb 2019 15:19

Tgt Ion:105 Resp: 38258

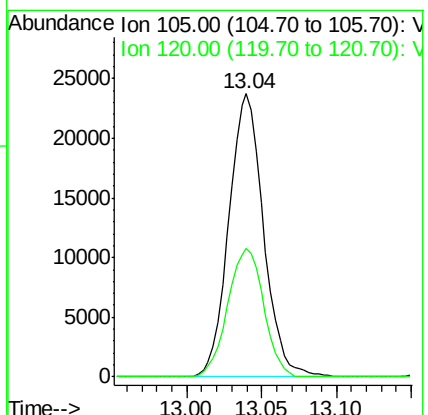
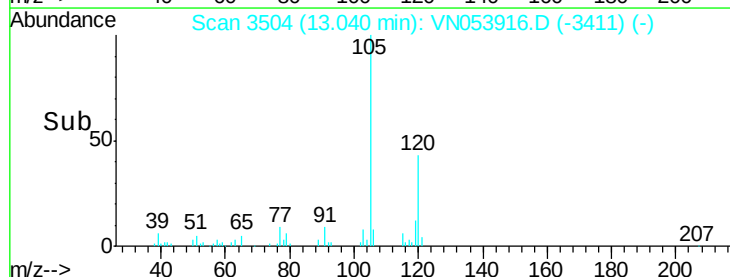
Ion Ratio Lower Upper

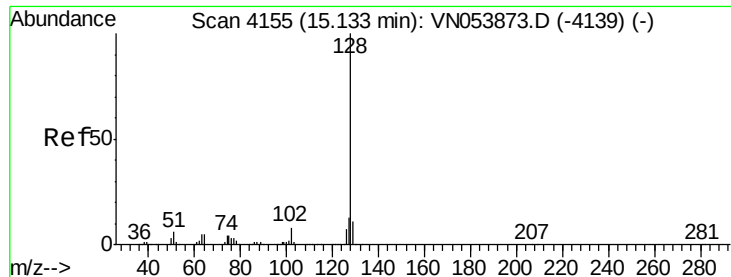
105 100

120 46.9 23.2 69.5



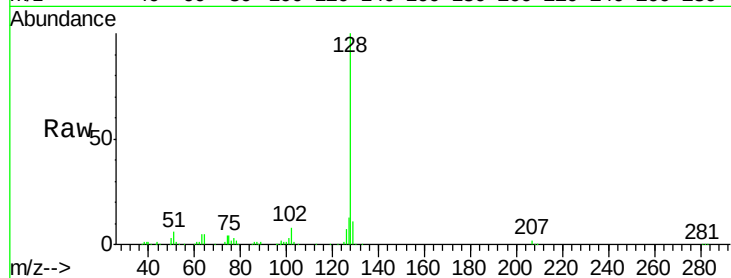
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 12.897 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053916.D
Acq: 22 Feb 2019 15:19

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

