

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053665.D
 Acq On : 7 Feb 2019 19:27
 Operator : JC/SP
 Sample : K1394-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

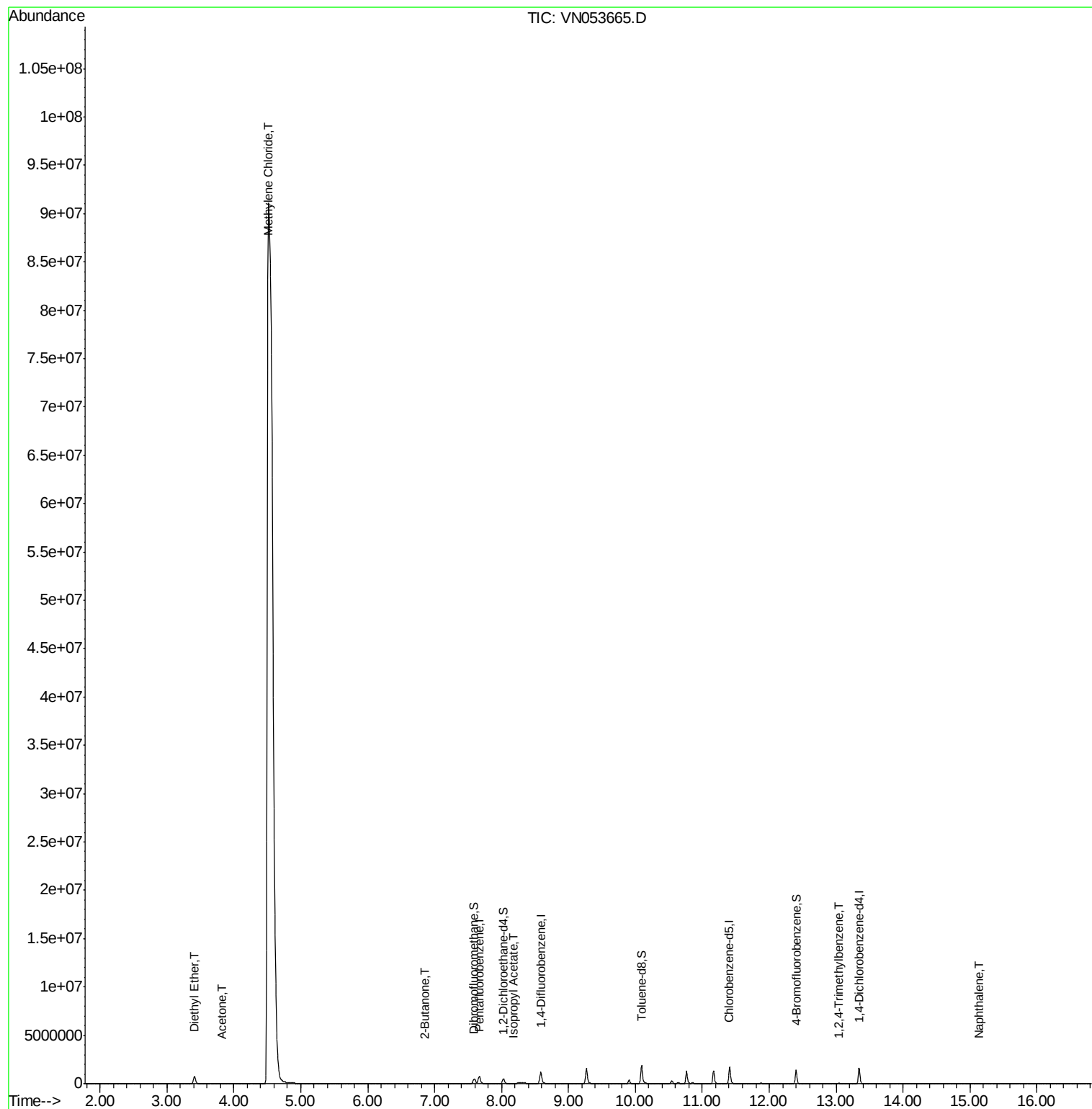
Quant Time: Feb 09 01:14:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

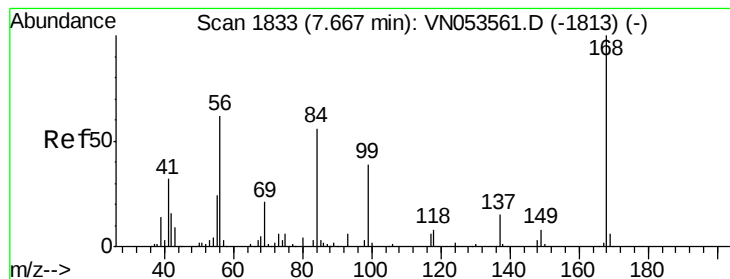
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	781447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1251958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1158538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	490356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398512	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.59	113	398957	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.09	98	1522103	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	508042	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
Target Compounds						
8) Diethyl Ether	3.41	74	421208	94.438	ug/l	97
16) Acetone	3.82	43	20627	10.258	ug/l	98
20) Methylene Chloride	4.50	84	66218992m	7849.337	ug/l	
25) 2-Butanone	6.84	43	5797	2.021	ug/l	96
43) Isopropyl Acetate	8.17	43	45680	3.753	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.04	105	31895	1.095	ug/l	99
95) Naphthalene	15.13	128	24707	2.843	ug/l	98

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

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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: VN053665.D

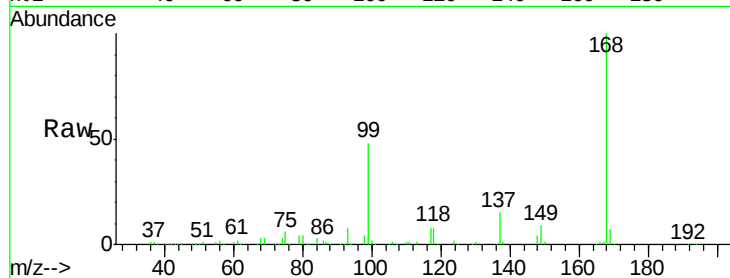
Acq: 7 Feb 2019 19:27

Tot Ion:168 Resp: 781447

Ion Ratio Lower Upper

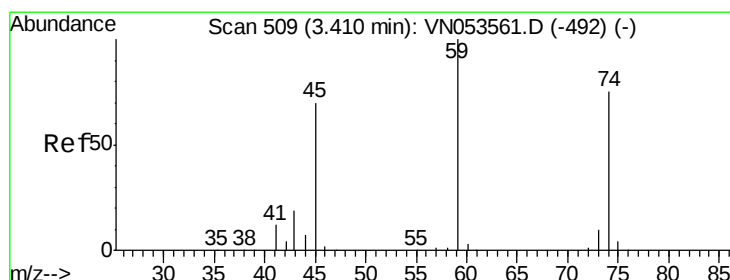
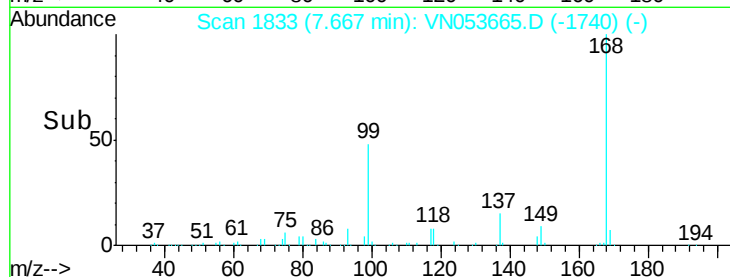
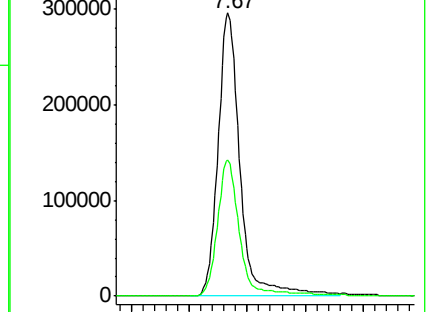
168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 94.438 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053665.D

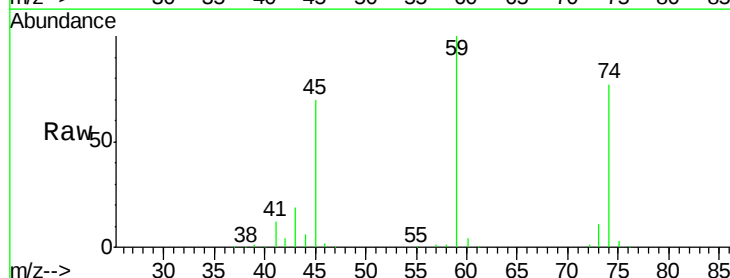
Acq: 7 Feb 2019 19:27

Tgt Ion: 74 Resp: 421208

Ion Ratio Lower Upper

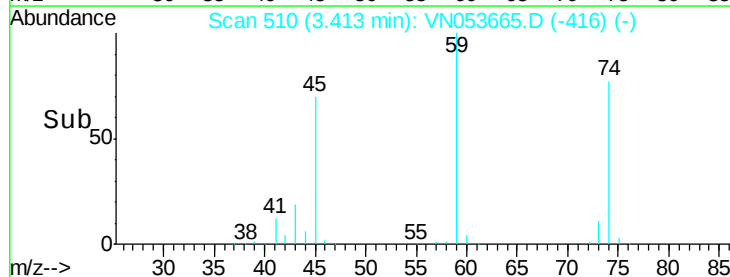
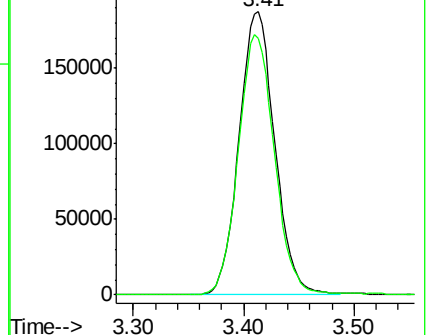
74 100

45 92.6 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 10.258 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053665.D

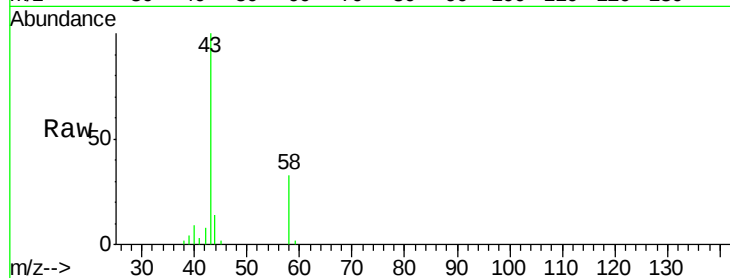
Acq: 7 Feb 2019 19:27

Tot Ion: 43 Resp: 20627

Ion Ratio Lower Upper

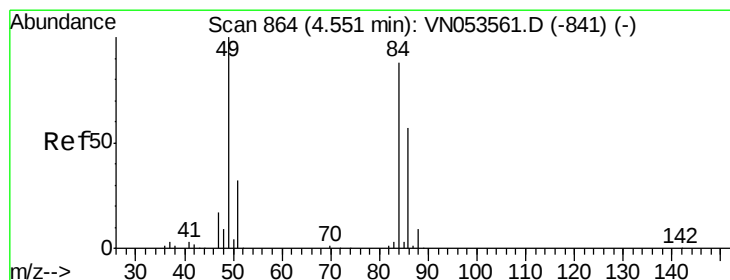
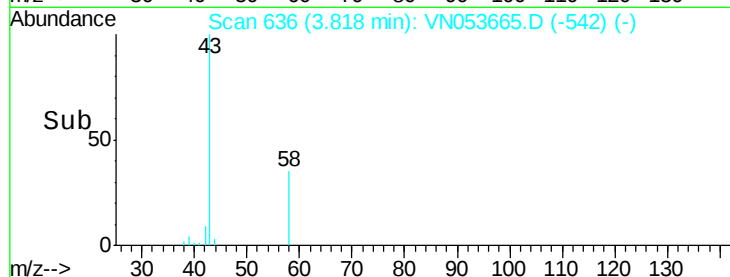
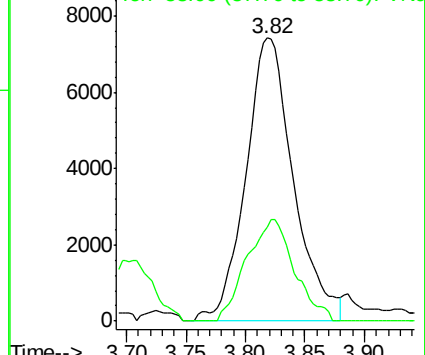
43 100

58 33.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#20

Methylene Chloride

Concen: 7849.337 ug/l m

RT: 4.50 min Scan# 847

Delta R.T. -0.05 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

Tgt Ion: 84 Resp: 66218992

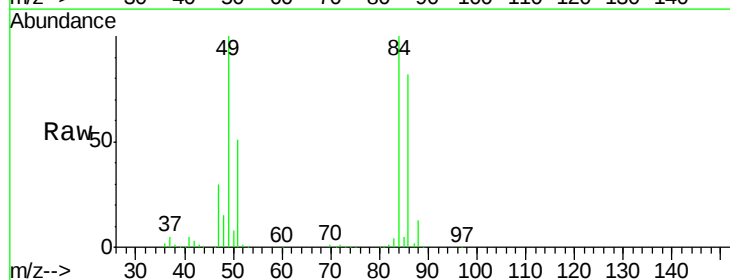
Ion Ratio Lower Upper

84 100

49 100.0 94.3 141.5

51 50.5 29.4 44.2#

86 82.1 51.4 77.0#

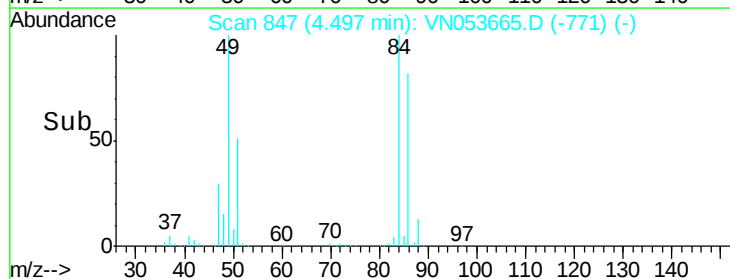
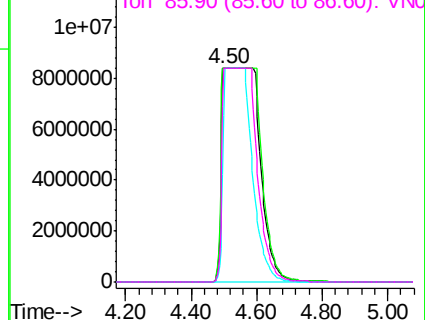


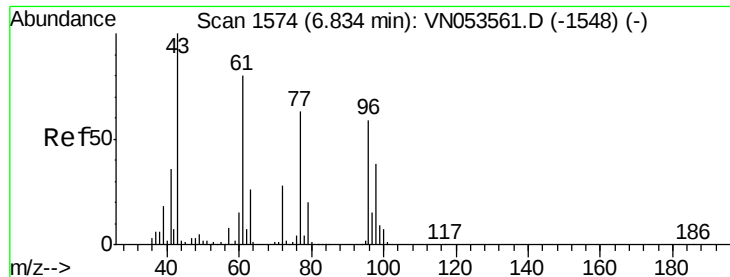
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#25

2-Butanone

Concen: 2.021 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053665.D

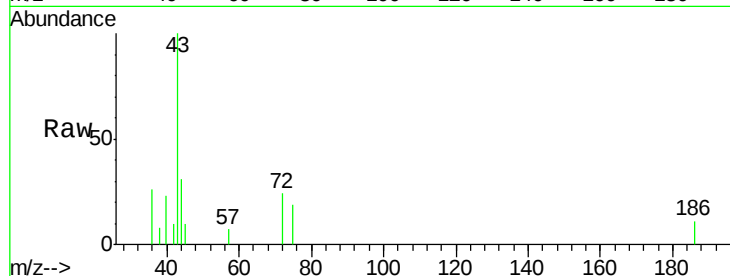
Acq: 7 Feb 2019 19:27

Tot Ion: 43 Resp: 5797

Ion Ratio Lower Upper

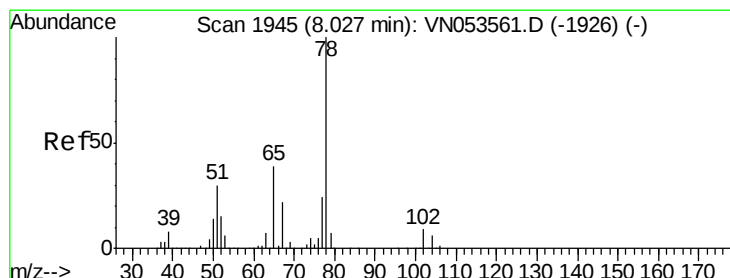
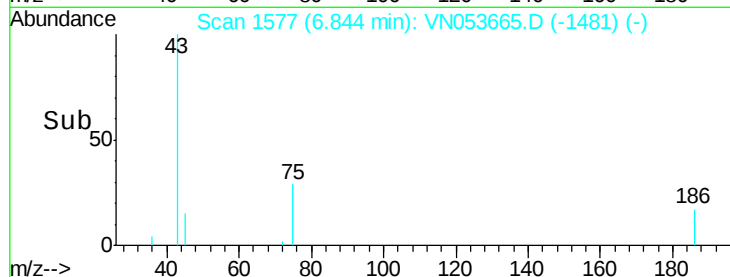
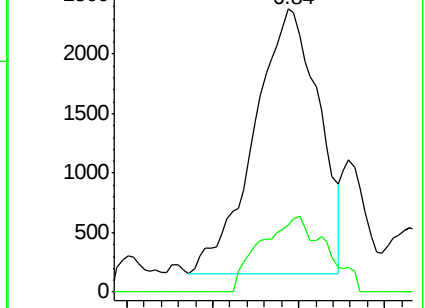
43 100

72 25.3 22.0 33.0



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: 50.834 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053665.D

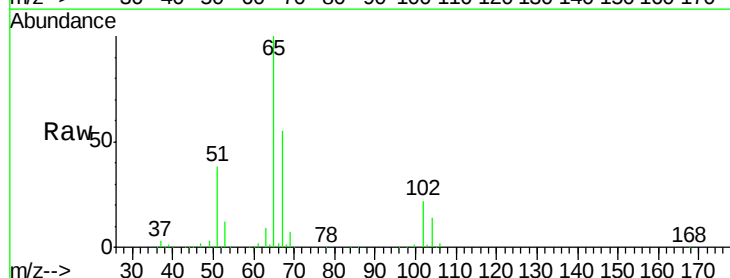
Acq: 7 Feb 2019 19:27

Tgt Ion: 65 Resp: 398512

Ion Ratio Lower Upper

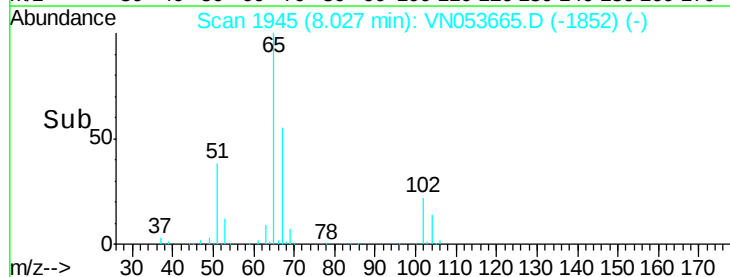
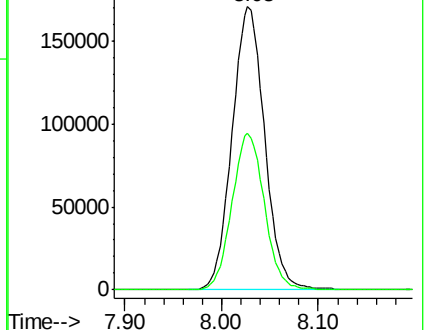
65 100

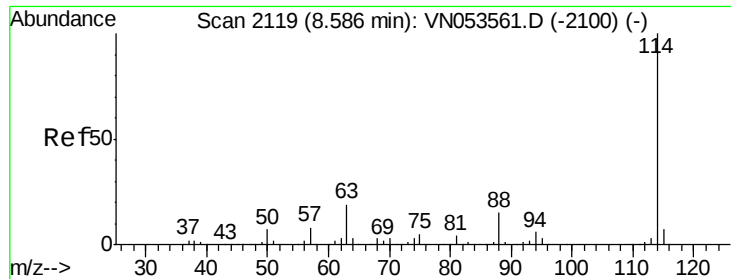
67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

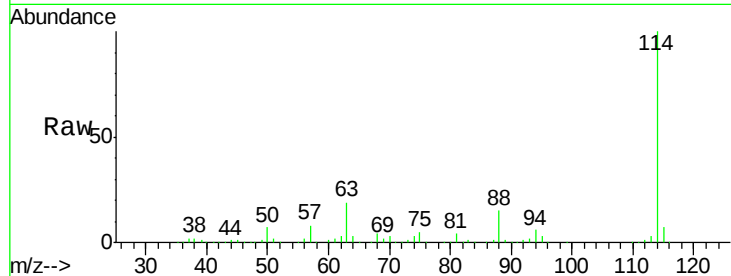




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

Tot Ion:114 Resp: 1251958

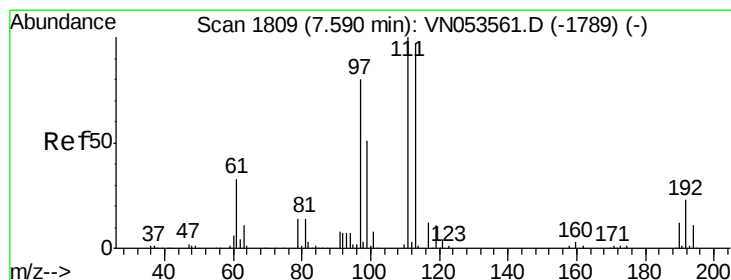
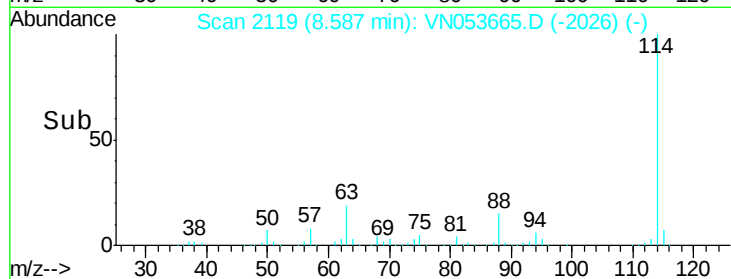
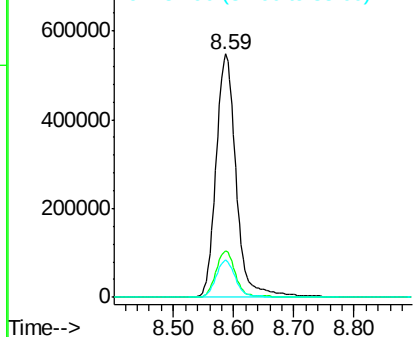
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.2	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

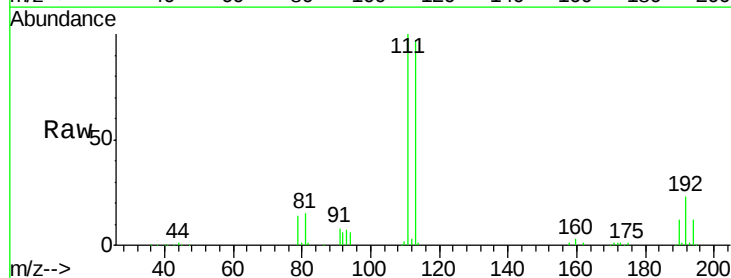
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.432 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

Tgt Ion:113 Resp: 398957

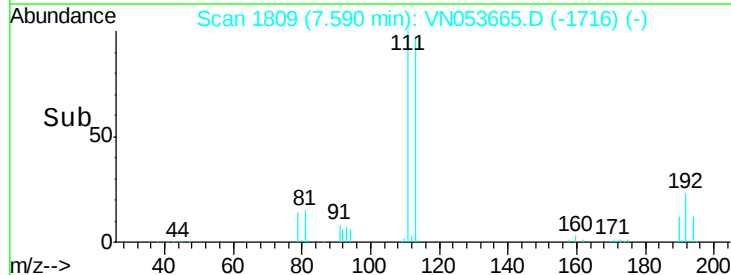
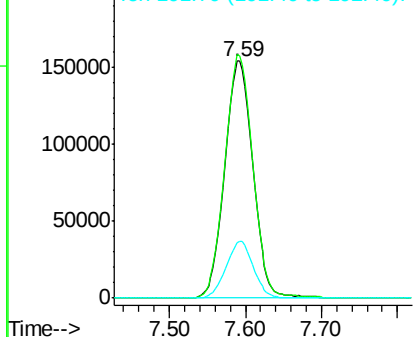
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.1	18.2	27.2

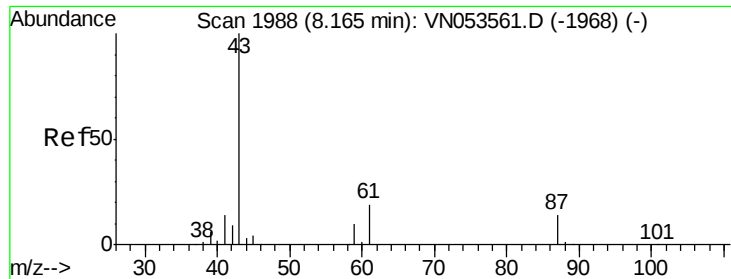


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.753 ug/l

RT: 8.17 min Scan# 1989

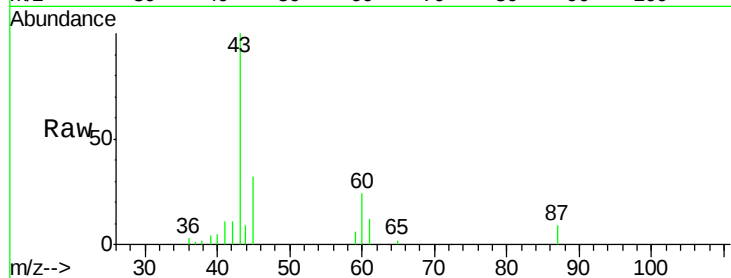
Delta R.T. 0.00 min

Lab File: VN053665.D

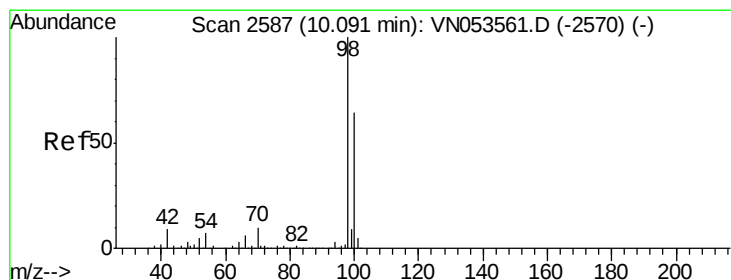
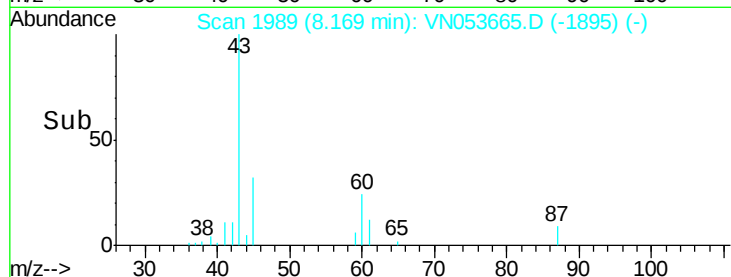
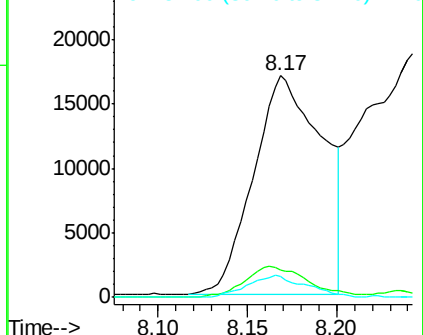
Acq: 7 Feb 2019 19:27

Tot Ion: 43 Resp: 45680

Ion	Ratio	Lower	Upper
43	100		
61	13.2	23.9	35.9#
87	8.5	11.0	16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)



#50

Toluene-d8

Concen: 51.243 ug/l

RT: 10.09 min Scan# 2587

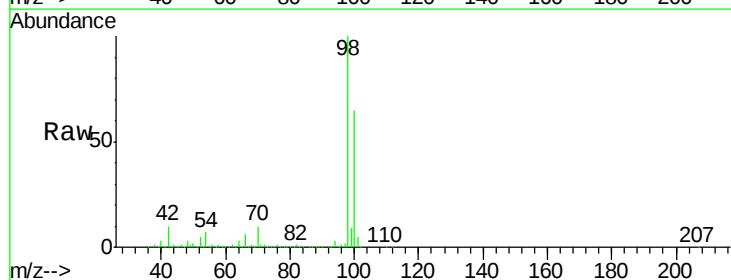
Delta R.T. 0.00 min

Lab File: VN053665.D

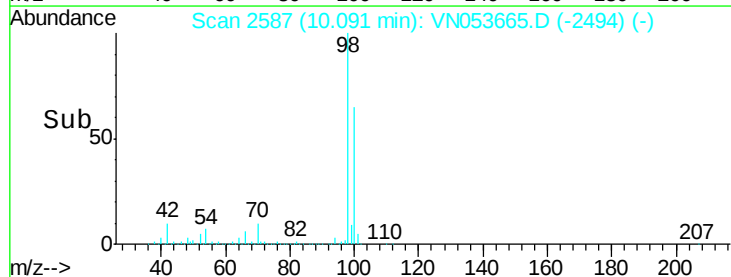
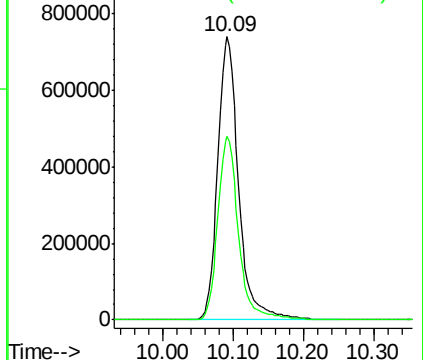
Acq: 7 Feb 2019 19:27

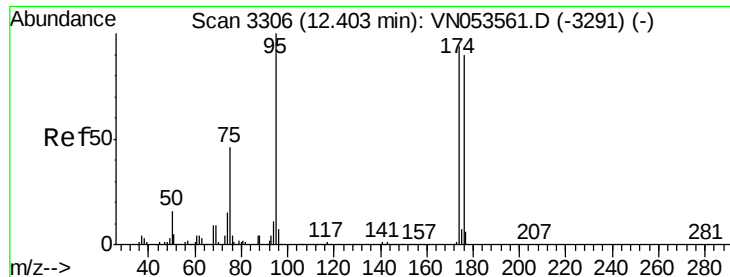
Tgt Ion: 98 Resp: 1522103

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 51.283 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

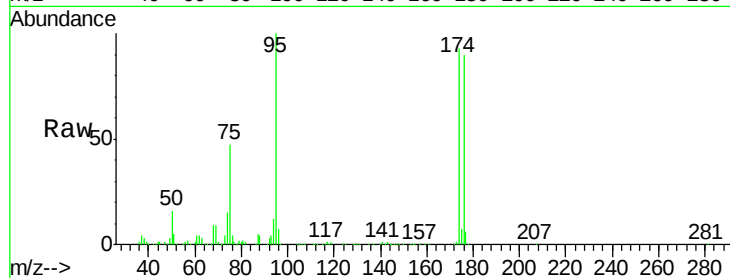
Tot Ion: 95 Resp: 508042

Ion Ratio Lower Upper

95 100

174 94.5 0.0 183.2

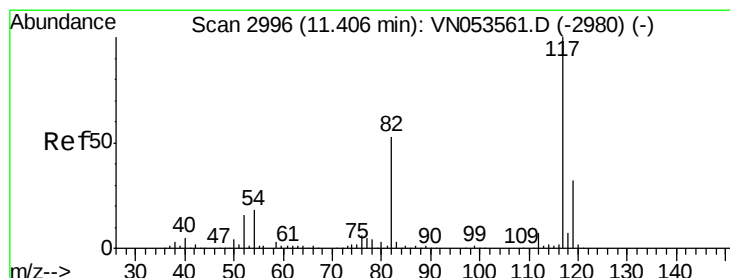
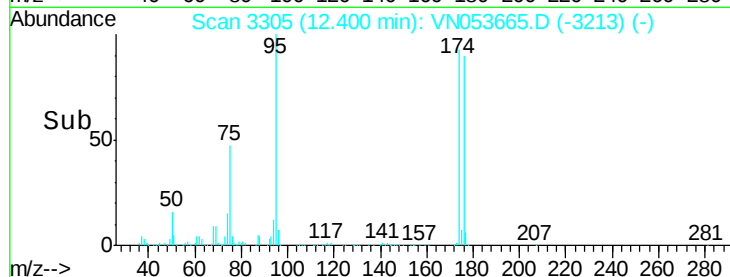
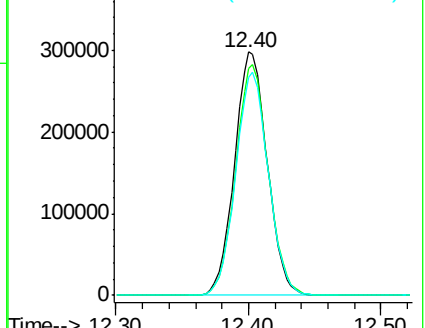
176 91.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053665.D

Acq: 7 Feb 2019 19:27

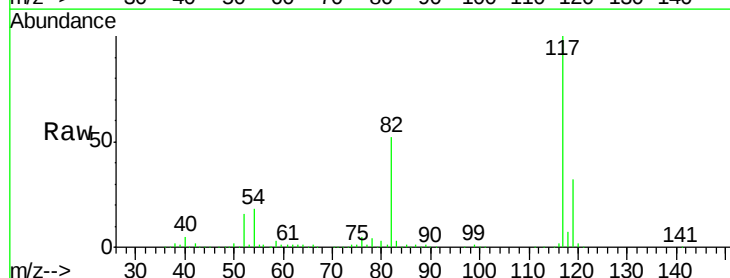
Tgt Ion: 117 Resp: 1158538

Ion Ratio Lower Upper

117 100

82 52.5 42.9 64.3

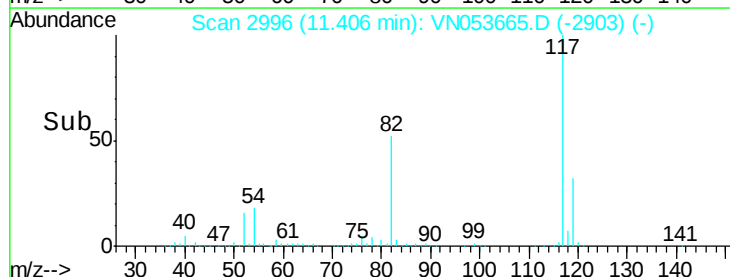
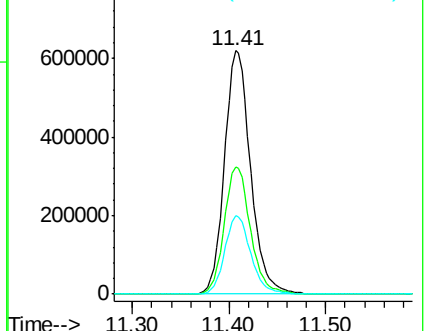
119 32.0 26.0 39.0

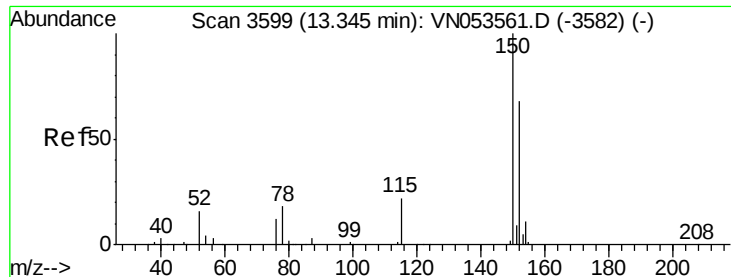


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

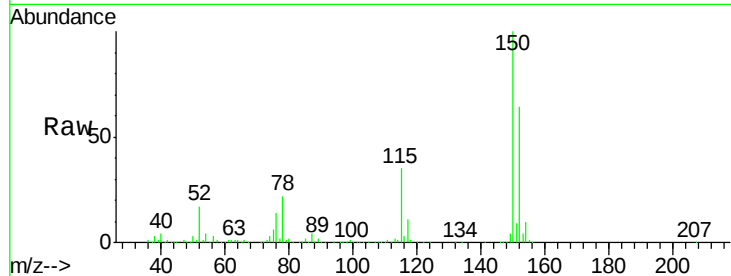




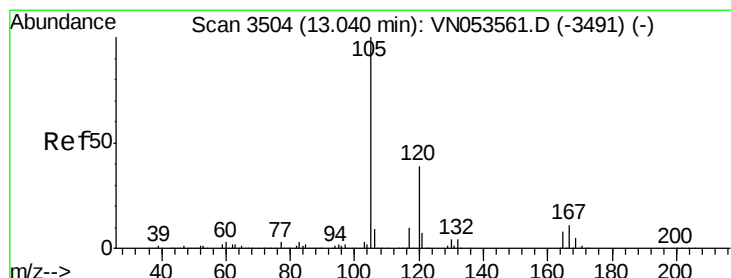
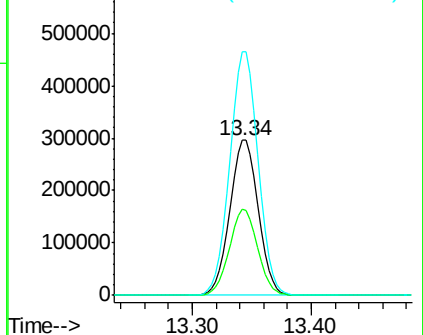
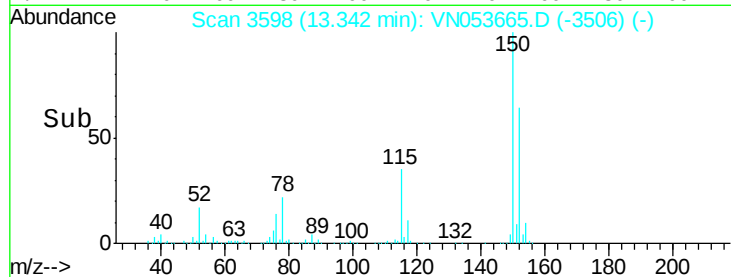
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	156.3	0.0	349.0



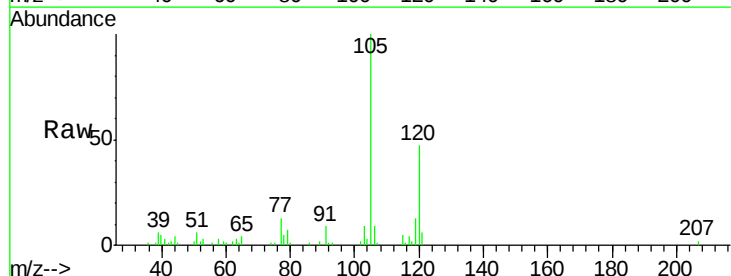
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



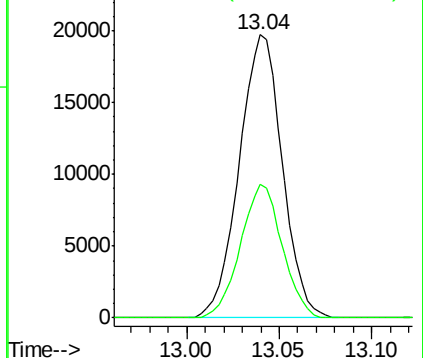
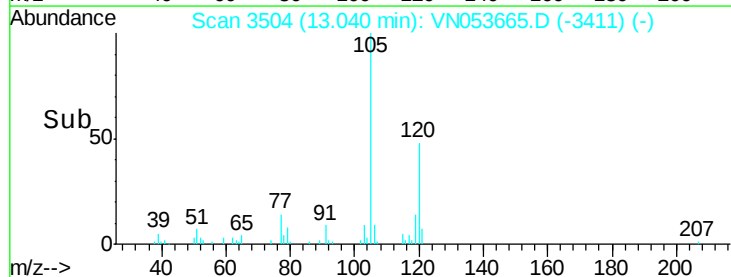
#84

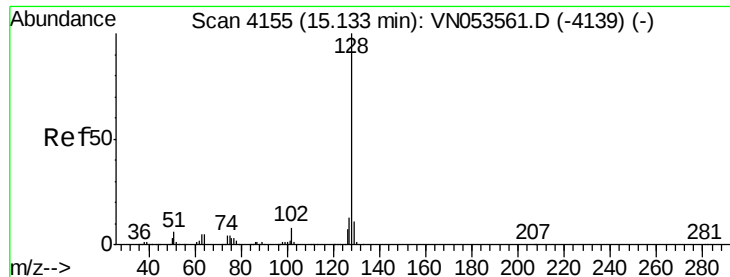
1,2,4-Trimethylbenzene
Concen: 1.095 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053665.D
Acq: 7 Feb 2019 19:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0



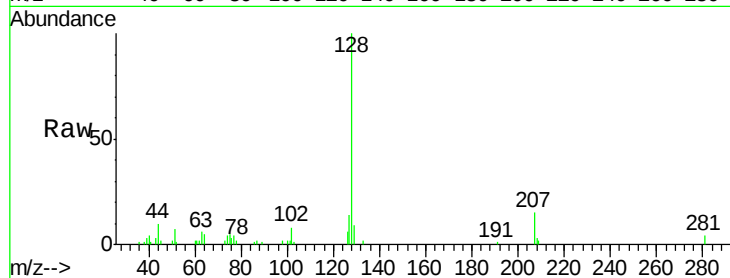
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
 Naphthalene
 Concen: 2.843 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053665.D
 Acq: 7 Feb 2019 19:27

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	9.6	8.6	13.0



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

