

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053910.D
 Acq On : 22 Feb 2019 12:38
 Operator : JC/SP
 Sample : K1556-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

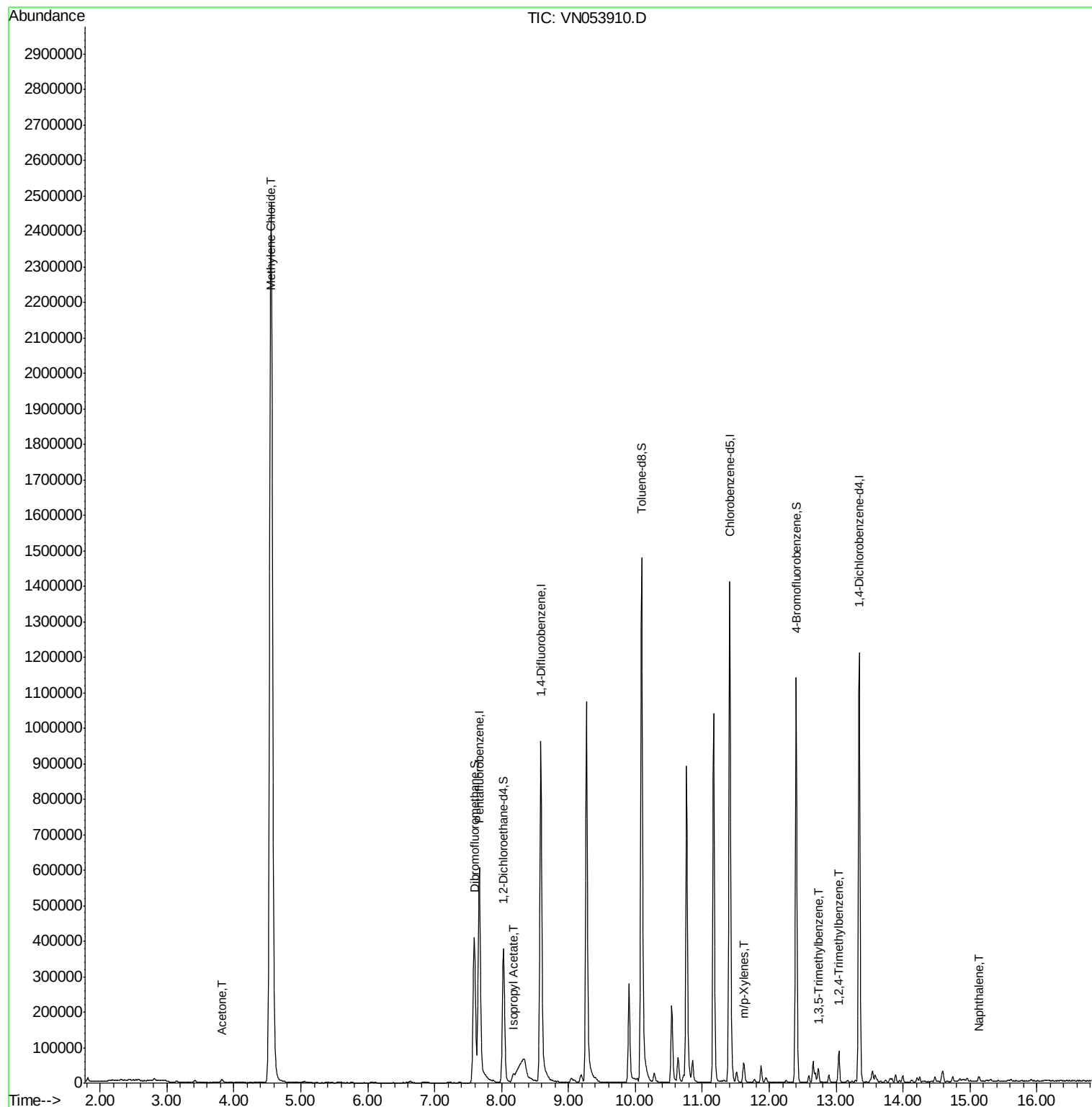
Quant Time: Feb 22 22:42:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

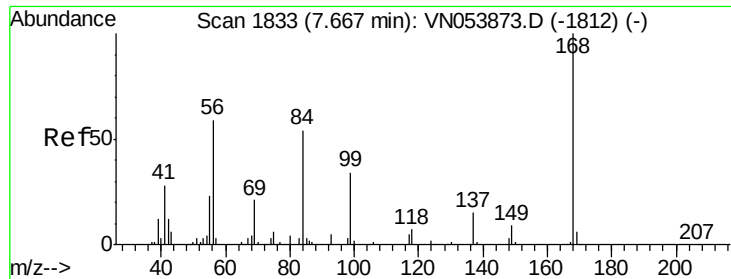
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	962678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	321727	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.59	113	324535	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.09	98	1240387	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	395497	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
Target Compounds						
16) Acetone	3.82	43	14571	8.344	ug/l	94
20) Methylene Chloride	4.56	84	2032760	310.935	ug/l	100
43) Isopropyl Acetate	8.17	43	28003	2.805	ug/l #	92
68) m/p-Xylenes	11.62	106	18947	1.501	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	21615	1.031	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	53136	2.526	ug/l	99
95) Naphthalene	15.13	128	13175	5.453	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053910.D

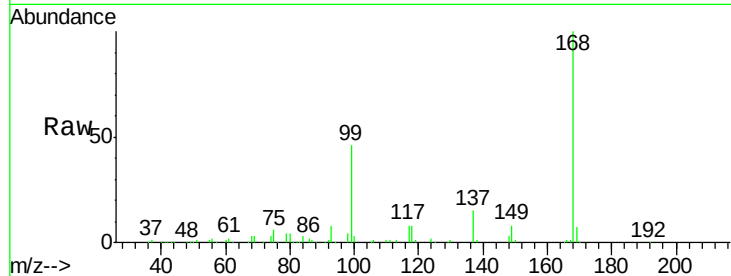
Acq: 22 Feb 2019 12:38

Tot Ion:168 Resp: 621286

Ion Ratio Lower Upper

168 100

99 46.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

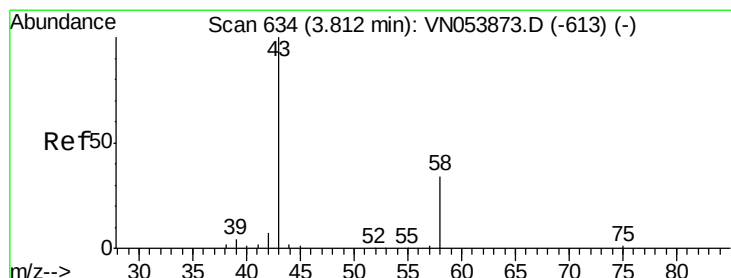
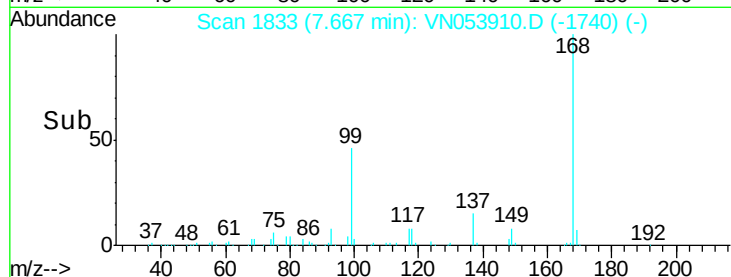
100000

50000

0

Time-->

7.60 7.80



#16

Acetone

Concen: 8.344 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053910.D

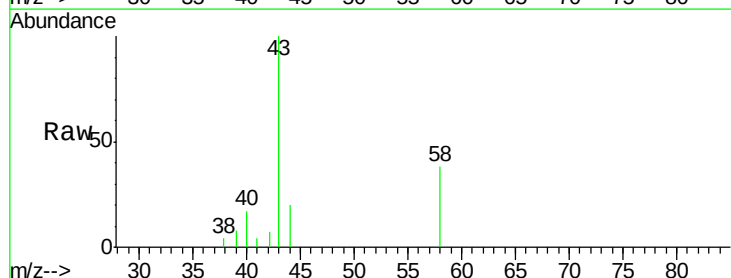
Acq: 22 Feb 2019 12:38

Tgt Ion: 43 Resp: 14571

Ion Ratio Lower Upper

43 100

58 37.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

3000

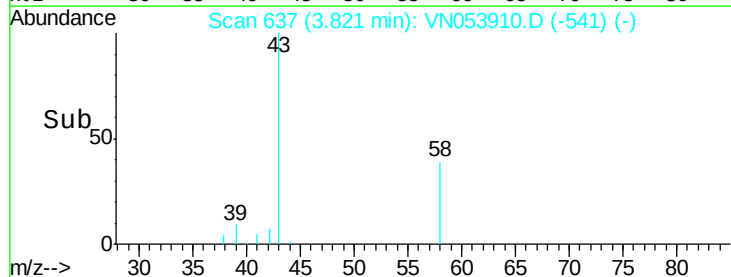
2000

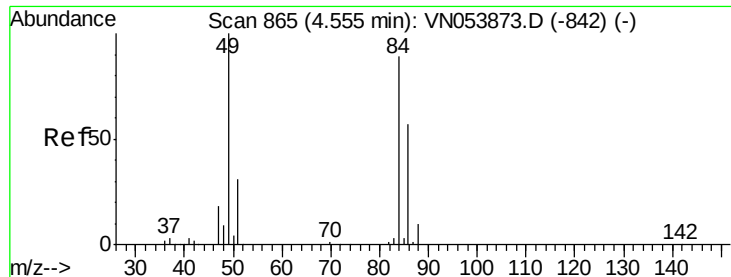
1000

0

Time-->

3.75 3.80 3.85 3.90

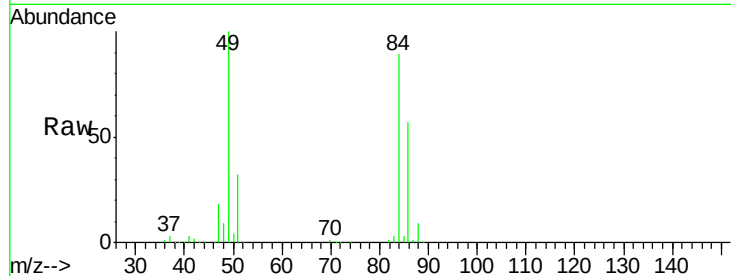




#20
Methylene Chloride
Concen: 310.935 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053910.D
Acq: 22 Feb 2019 12:38

Tot Ion: 84 Resp: 2032760

Ion	Ratio	Lower	Upper
84	100		
49	111.9	89.7	134.5
51	35.3	27.8	41.8
86	64.1	51.3	76.9

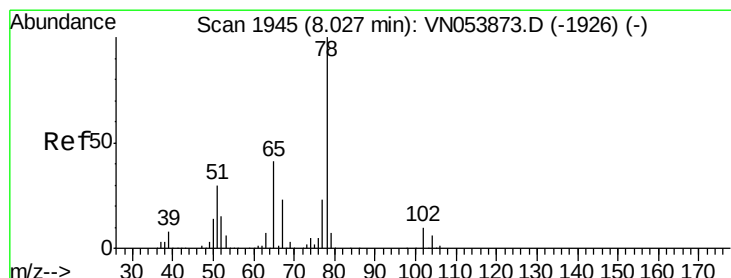
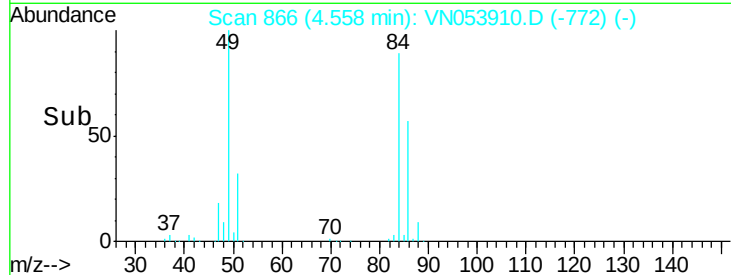
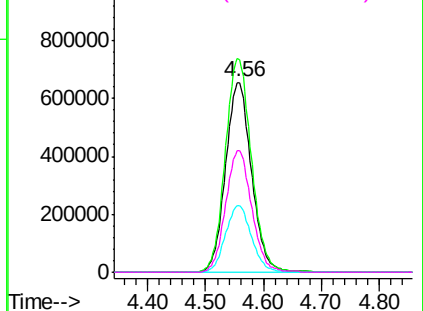


Abundance Ion 83.90 (83.60 to 84.60): VN053910.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN053910.D (-772) (-)

Ion 50.90 (50.60 to 51.60): VN053910.D (-772) (-)

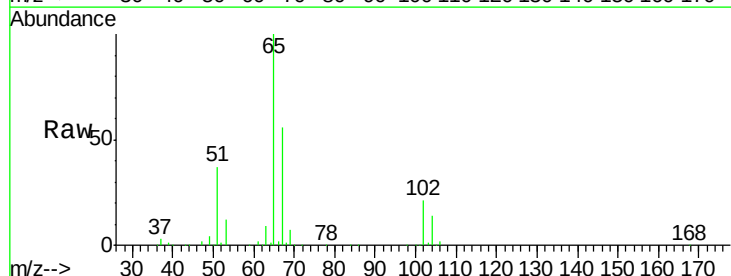
Ion 85.90 (85.60 to 86.60): VN053910.D (-772) (-)



#33
1,2-Dichloroethane-d4
Concen: 50.670 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053910.D
Acq: 22 Feb 2019 12:38

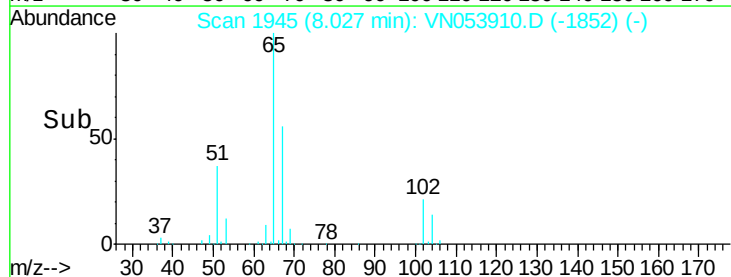
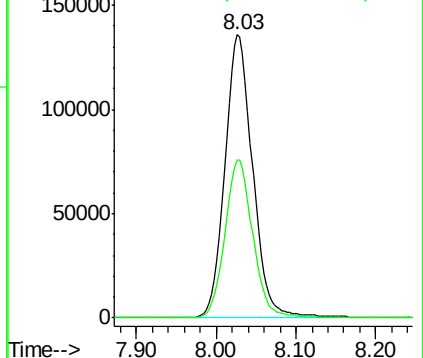
Tgt Ion: 65 Resp: 321727

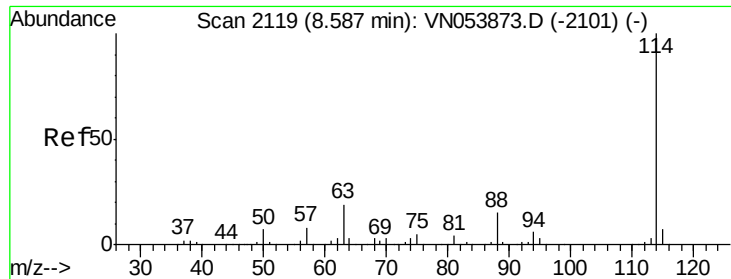
Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053910.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053910.D (-1852) (-)

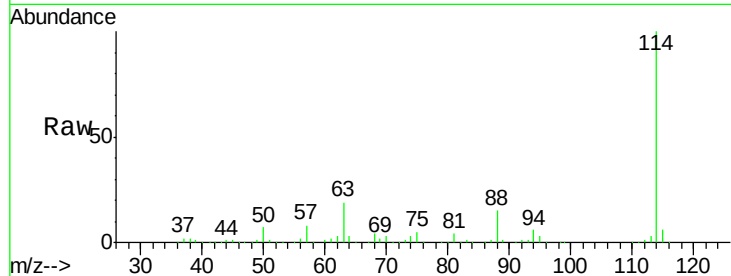




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053910.D
 Acq: 22 Feb 2019 12:38

Tot Ion:114 Resp: 1021206

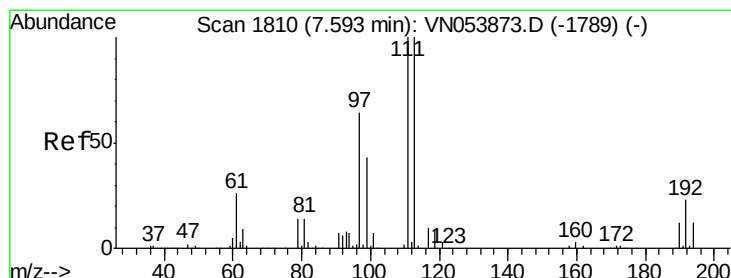
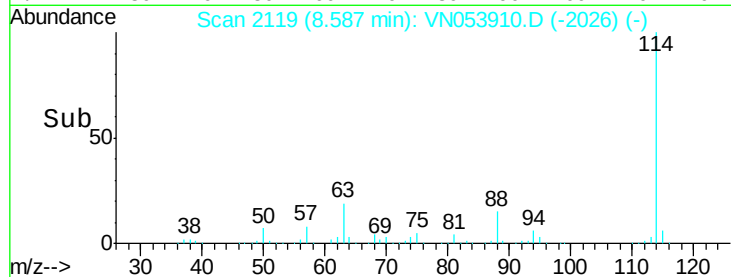
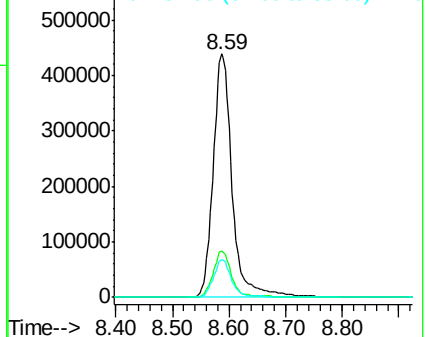
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.4
88	15.4	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

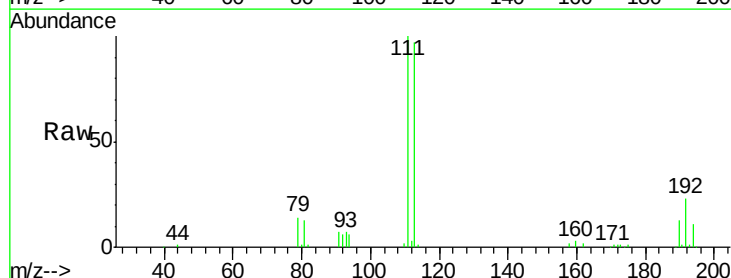
Ion 87.90 (87.60 to 88.60): VN0



#35
 Dibromofluoromethane
 Concen: 48.424 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN053910.D
 Acq: 22 Feb 2019 12:38

Tgt Ion:113 Resp: 324535

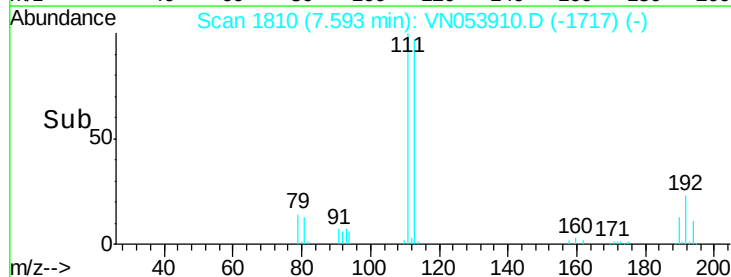
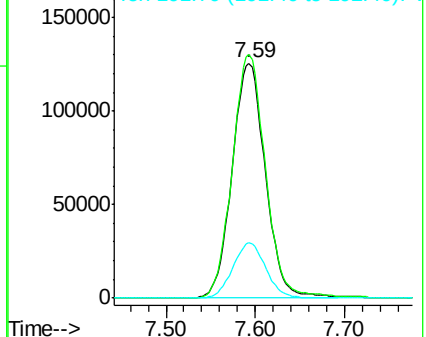
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	23.4	18.8	28.2

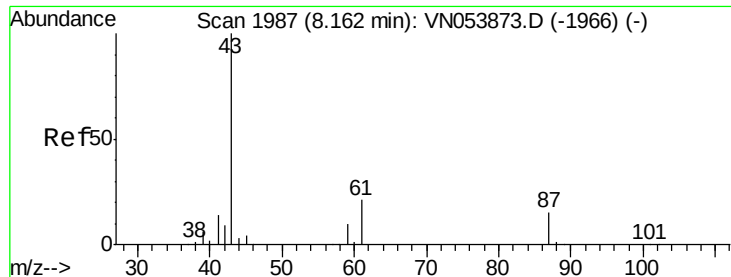


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.805 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053910.D

Acq: 22 Feb 2019 12:38

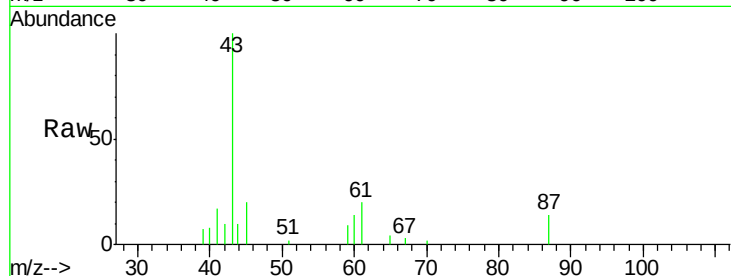
Tot Ion: 43 Resp: 28003

Ion Ratio Lower Upper

43 100

61 18.0 17.4 26.0

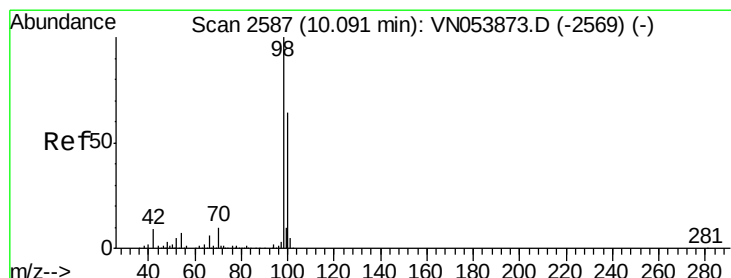
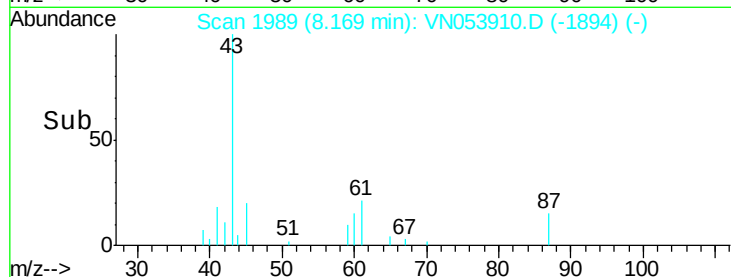
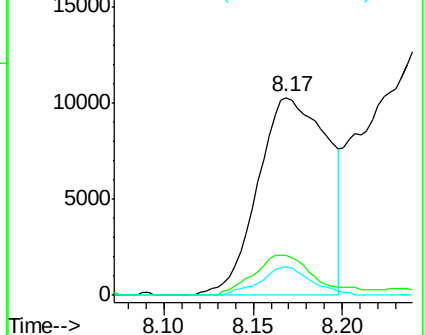
87 10.7 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053910.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053910.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053910.D (-1966) (-)



#50

Toluene-d8

Concen: 51.243 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053910.D

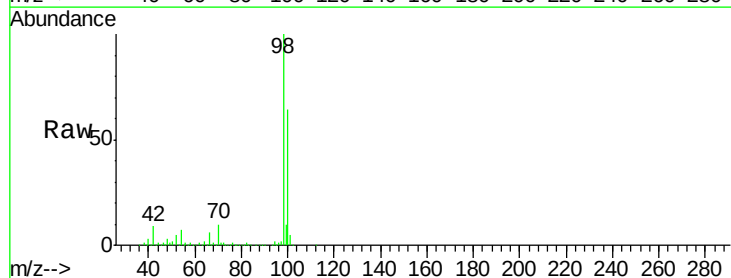
Acq: 22 Feb 2019 12:38

Tgt Ion: 98 Resp: 1240387

Ion Ratio Lower Upper

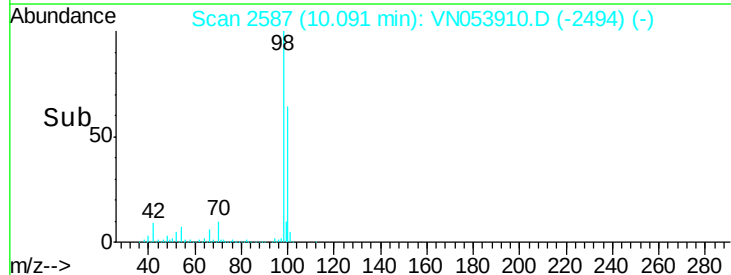
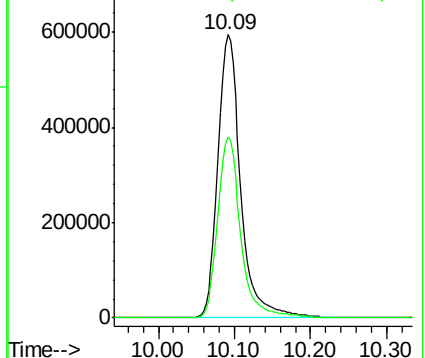
98 100

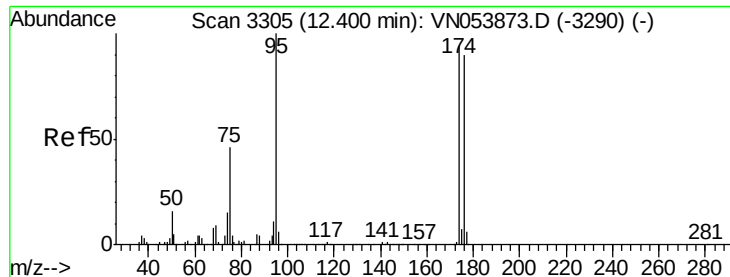
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053910.D (-2569) (-)

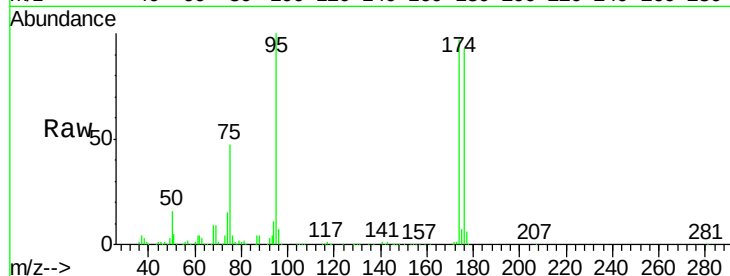
Ion 100.00 (99.70 to 100.70): VN053910.D (-2569) (-)





#62
4-Bromofluorobenzene
Concen: 49.491 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053910.D
Acq: 22 Feb 2019 12:38

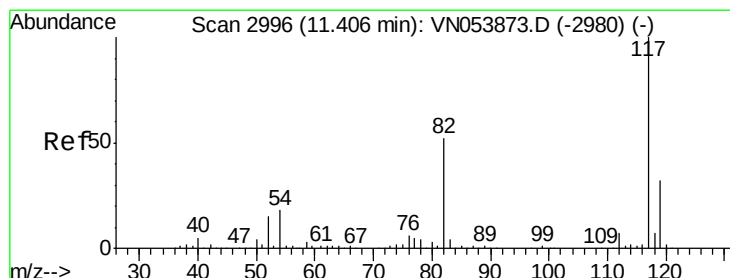
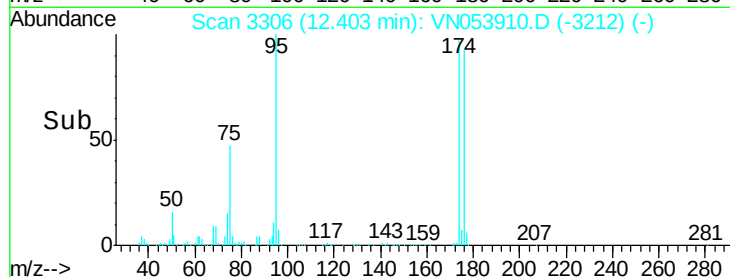
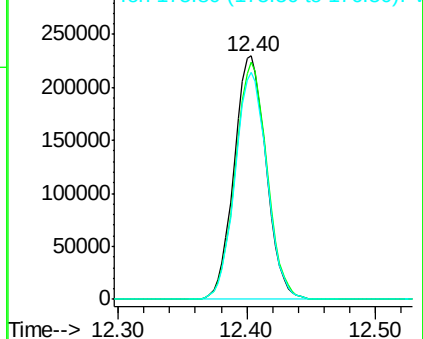
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	188.8
176	93.3	0.0	182.6



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

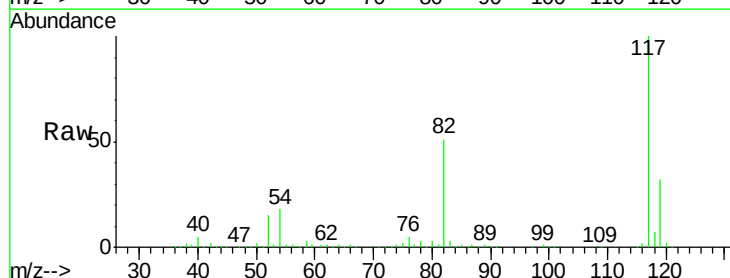
Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

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



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053910.D
Acq: 22 Feb 2019 12:38

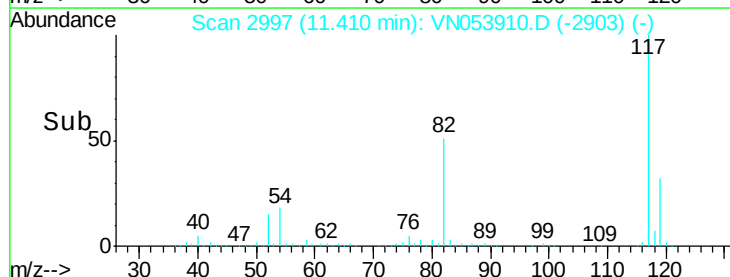
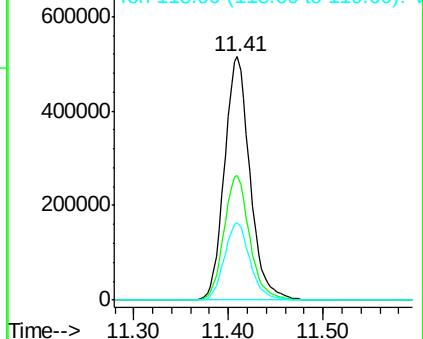
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.4	62.2
119	31.9	25.3	37.9

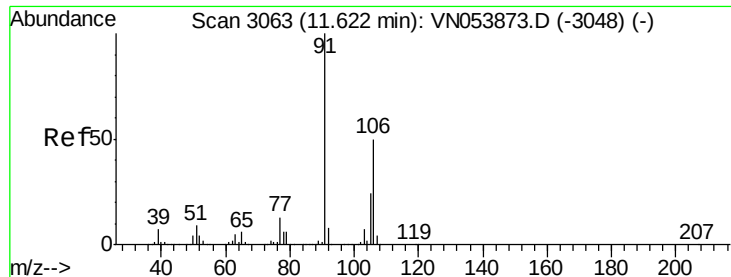


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

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

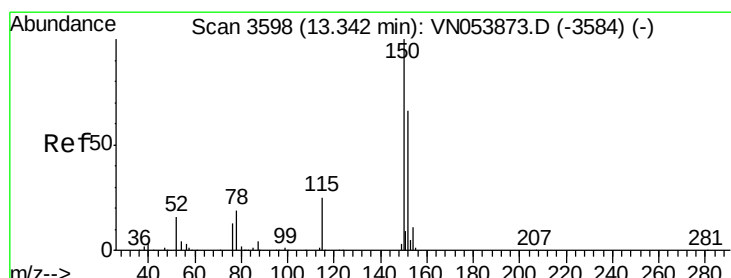
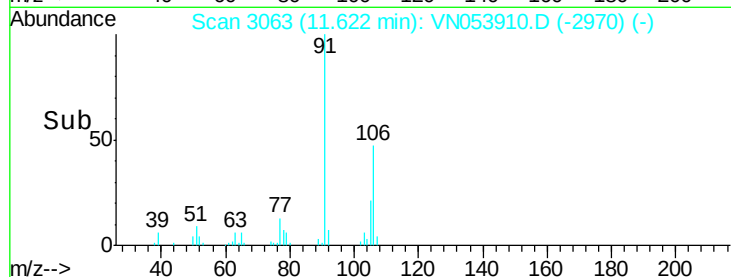
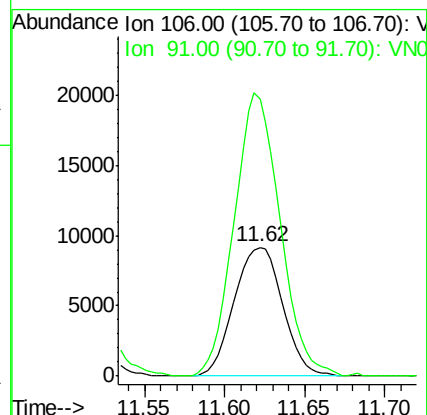
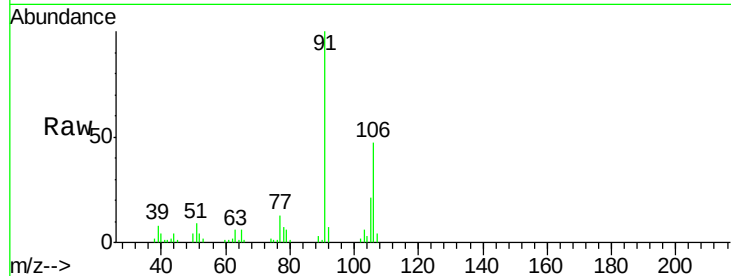
Ion 118.90 (118.60 to 119.60): VN053873.D (-2980) (-)





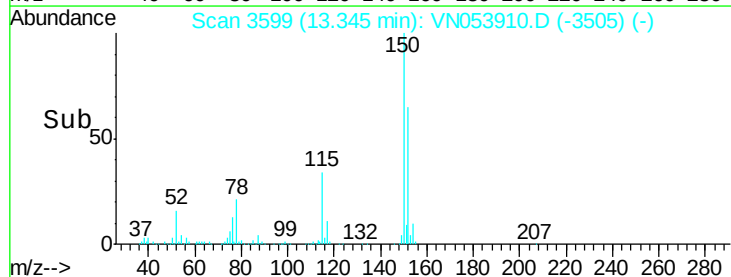
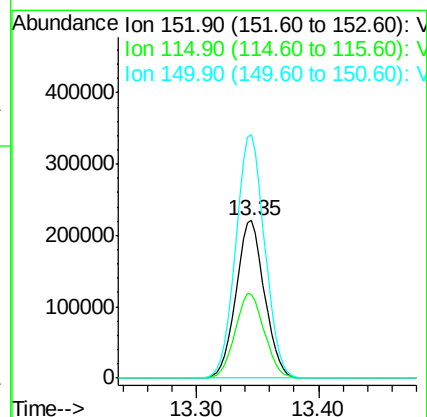
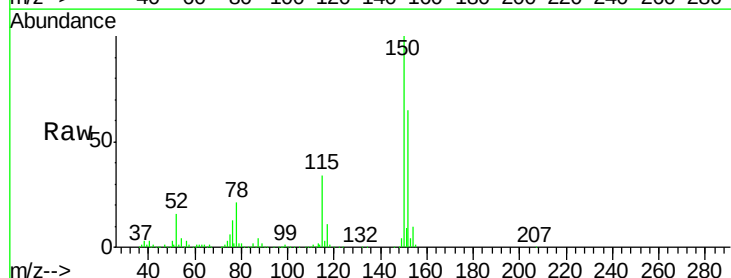
#68
m/p-Xvlenes
Concen: 1.501 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053910.D
Acq: 22 Feb 2019 12:38

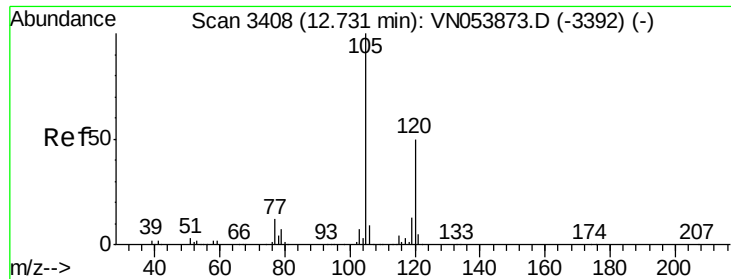
Tot Ion:106 Resp: 18947
Ion Ratio Lower Upper
106 100
91 207.9 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053910.D
Acq: 22 Feb 2019 12:38

Tgt Ion:152 Resp: 358615
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 157.4 0.0 348.2

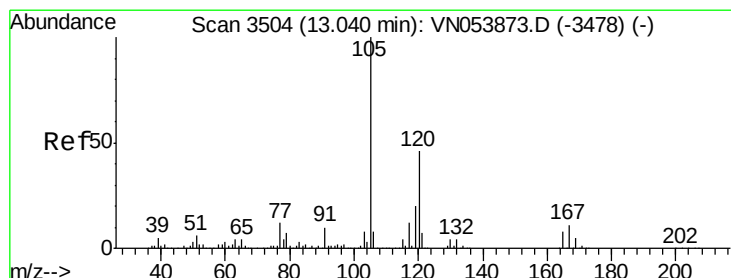
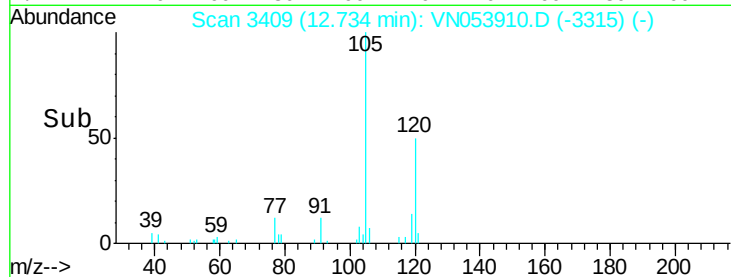
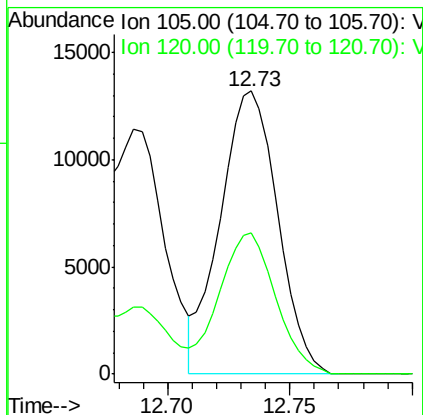
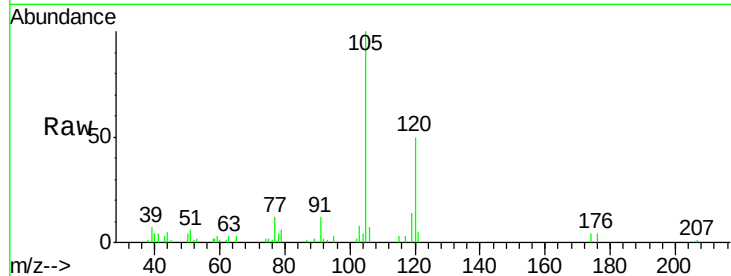




#80

1,3,5-Trimethylbenzene
 Concen: 1.031 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053910.D
 Acq: 22 Feb 2019 12:38

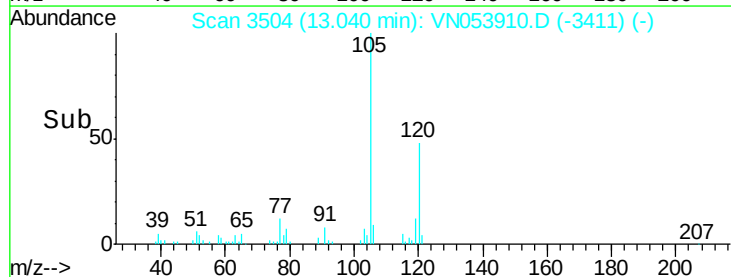
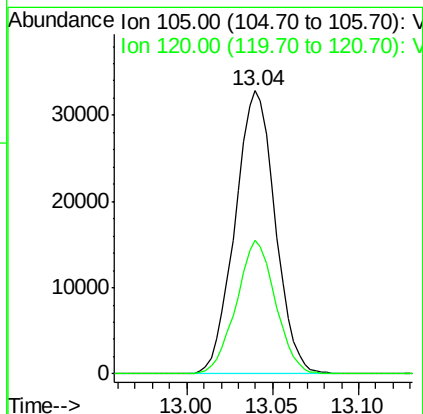
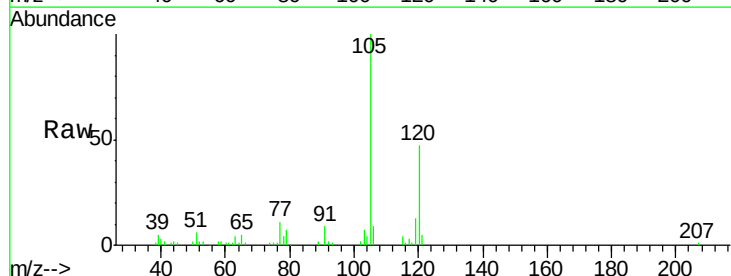
Tot Ion:105 Resp: 21615
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.2

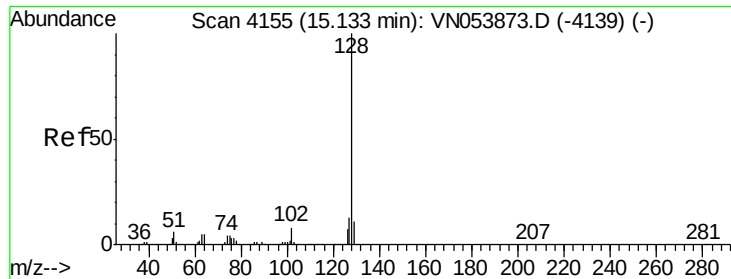


#84

1,2,4-Trimethylbenzene
 Concen: 2.526 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053910.D
 Acq: 22 Feb 2019 12:38

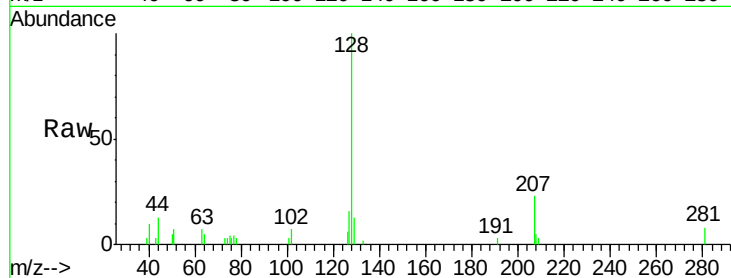
Tgt Ion:105 Resp: 53136
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.5





#95
 Naphthalene
 Concen: 5.453 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053910.D
 Acq: 22 Feb 2019 12:38

Tot Ion:	128	Resp:	13175
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	11.5	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

