

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053373.D
 Acq On : 11 Jan 2019 18:27
 Operator : JC/SP
 Sample : K1119-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

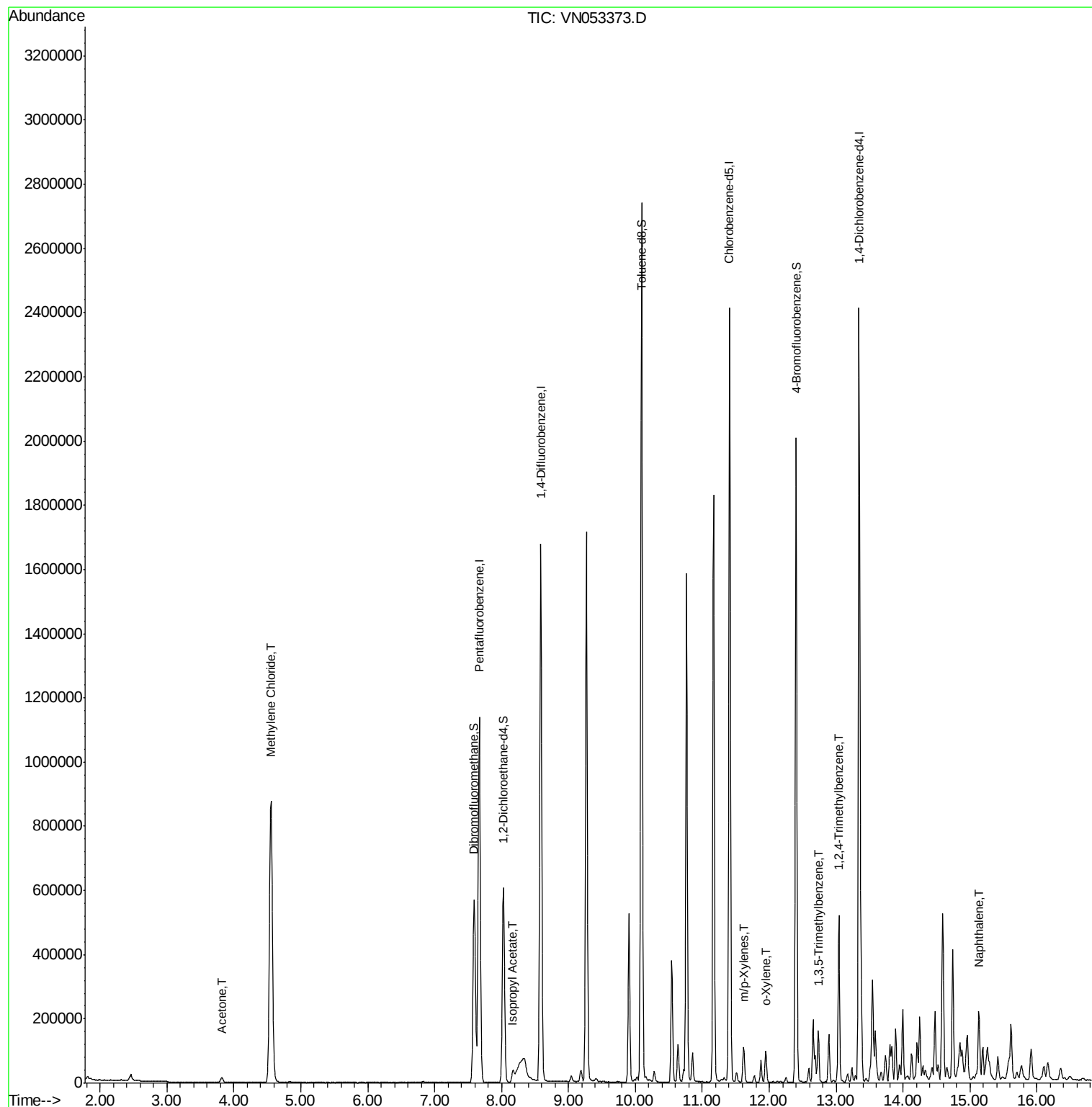
Quant Time: Jan 12 02:36:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

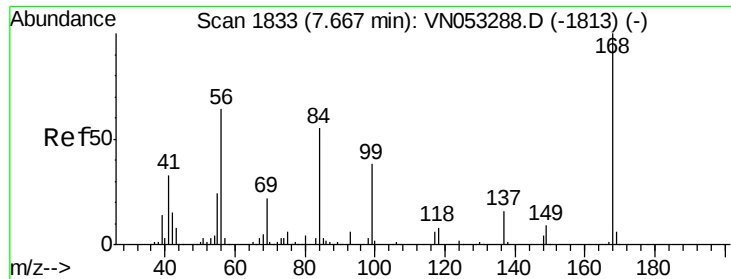
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1009605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1576378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1495593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	689279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	506296	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	7.59	113	444883	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.09	98	1969159	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	700374	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
Target Compounds						
16) Acetone	3.82	43	28438	9.096	ug/l	91
20) Methylene Chloride	4.55	84	698210	61.891	ug/l	99
43) Isopropyl Acetate	8.17	43	46107	2.445	ug/l #	79
68) m/p-Xylenes	11.62	106	36051	1.737	ug/l	99
69) o-Xylene	11.95	106	27273	1.342	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	86976	2.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	303950	7.217	ug/l	99
95) Naphthalene	15.13	128	186952	15.427	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 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: VN053373.D

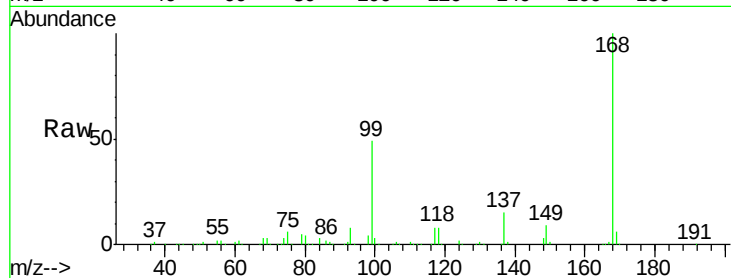
Acq: 11 Jan 2019 18:27

Tot Ion:168 Resp: 1009605

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

400000

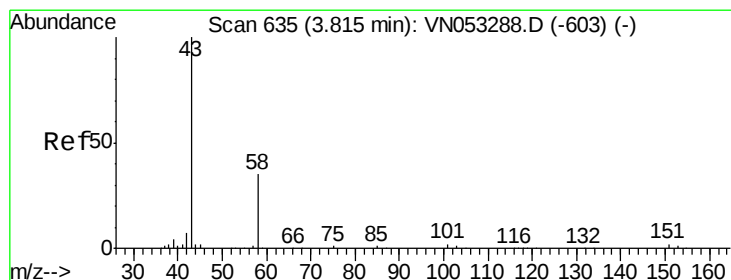
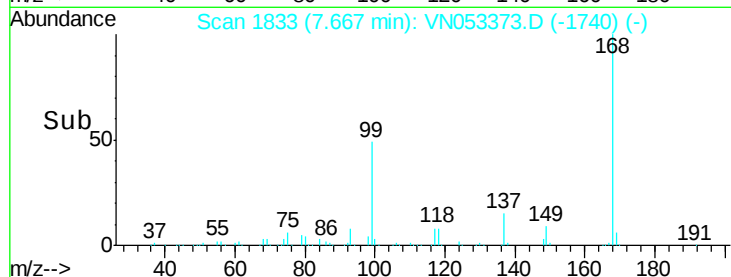
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.096 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053373.D

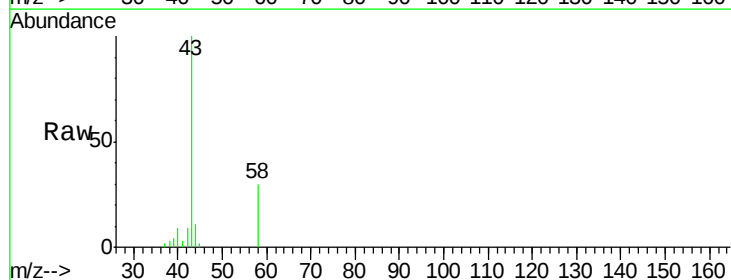
Acq: 11 Jan 2019 18:27

Tgt Ion: 43 Resp: 28438

Ion Ratio Lower Upper

43 100

58 29.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

3.82

12000

10000

8000

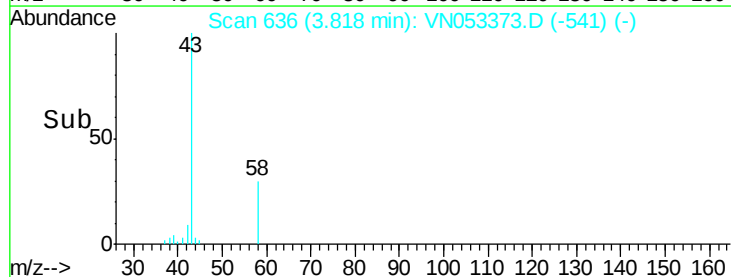
6000

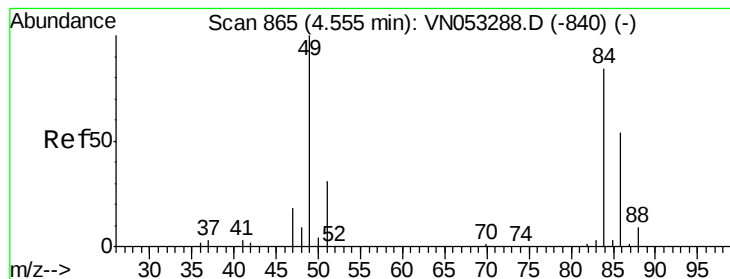
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 61.891 ug/l

RT: 4.55 min Scan# 865

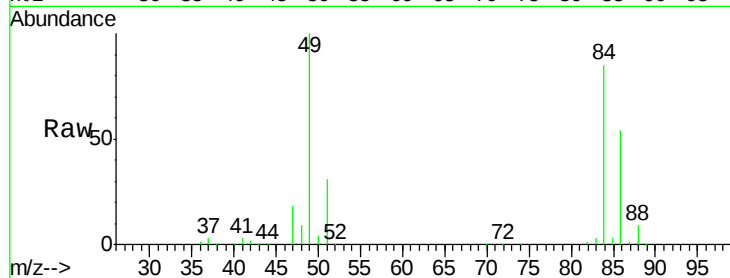
Delta R.T. 0.00 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

Tot Ion: 84 Resp: 698210

Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.3	142.9
51	37.0	29.0	43.6
86	64.0	51.7	77.5



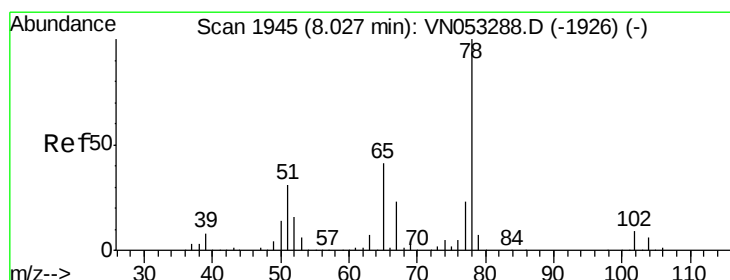
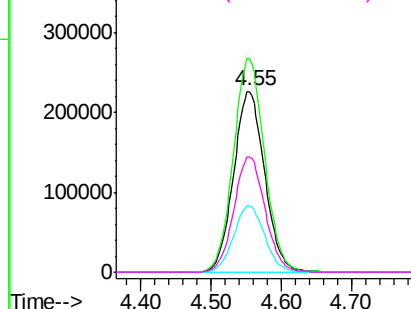
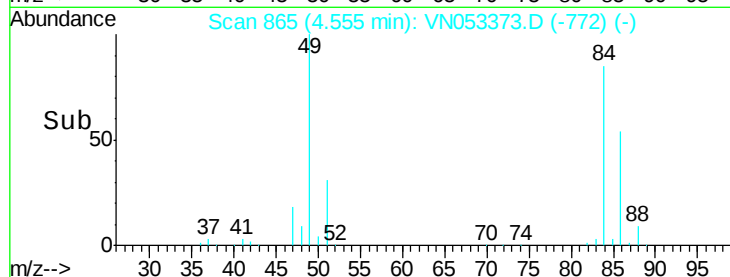
Abundance

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

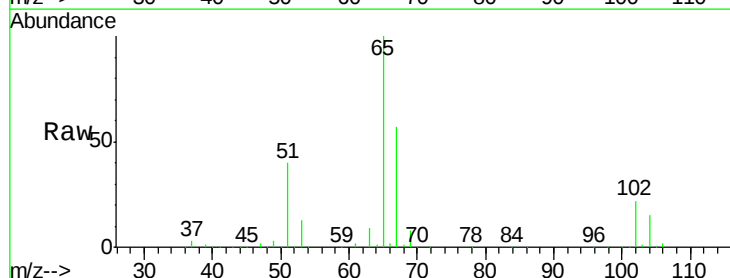
Delta R.T. 0.00 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

Tgt Ion: 65 Resp: 506296

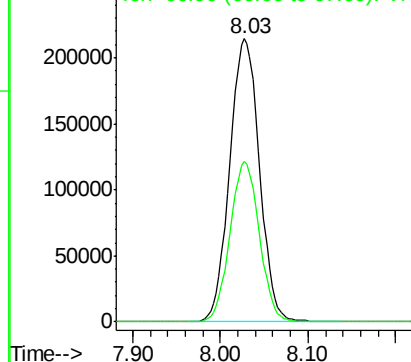
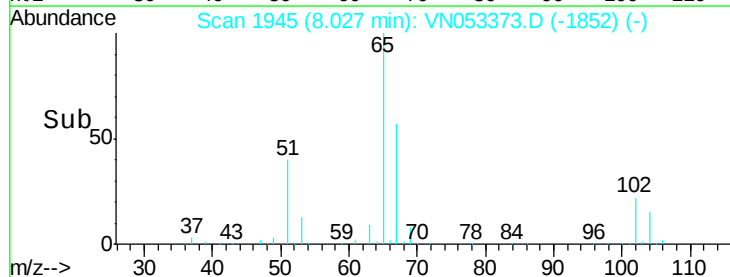
Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	111.0

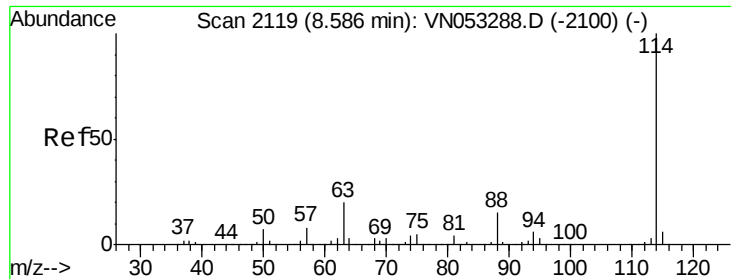


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

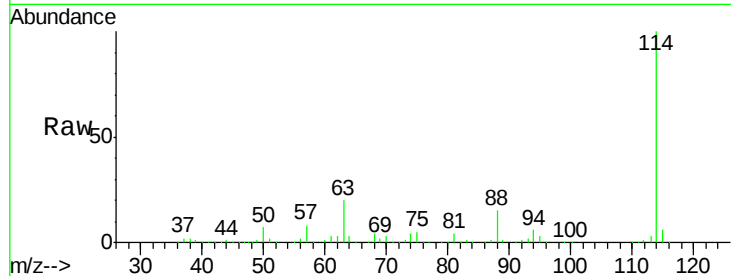




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tot Ion:114 Resp: 1576378

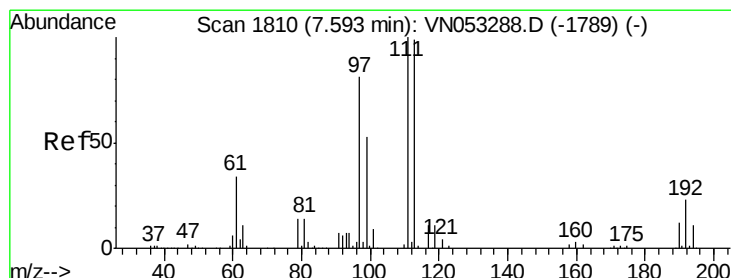
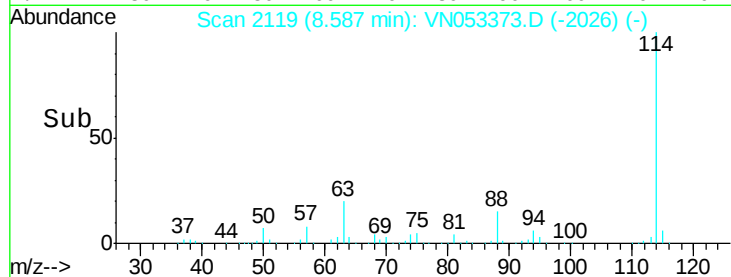
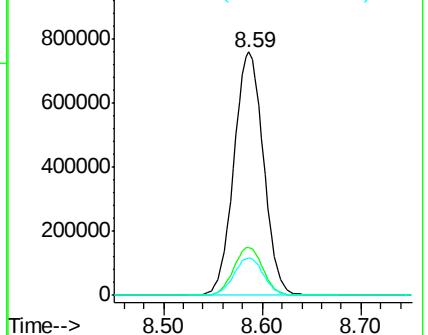
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.3	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

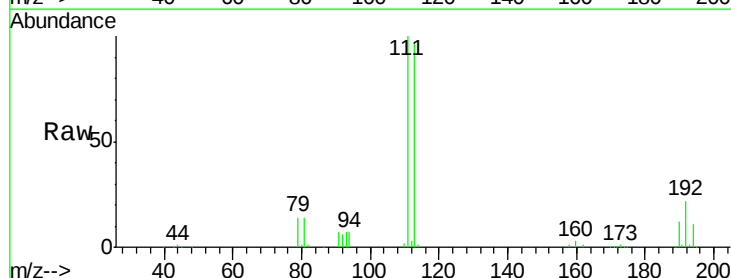
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion:113 Resp: 444883

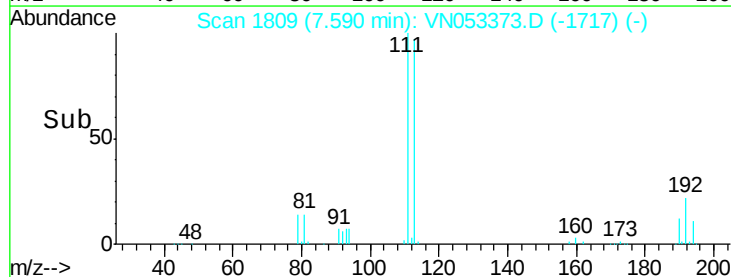
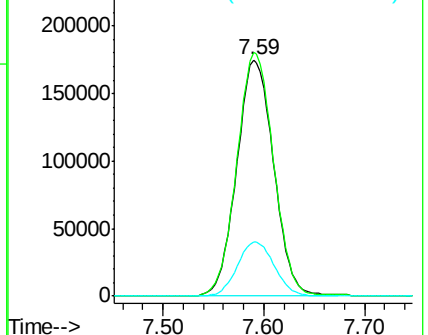
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.9	17.9	26.9

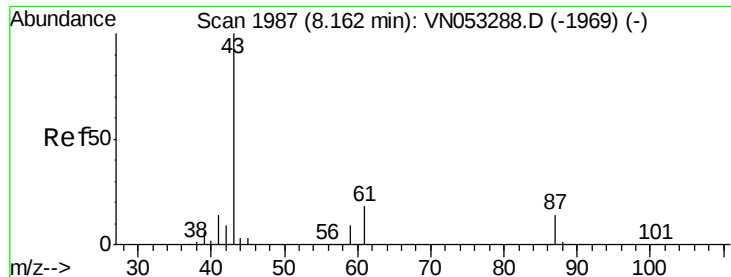


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.445 ug/l

RT: 8.17 min Scan# 1988

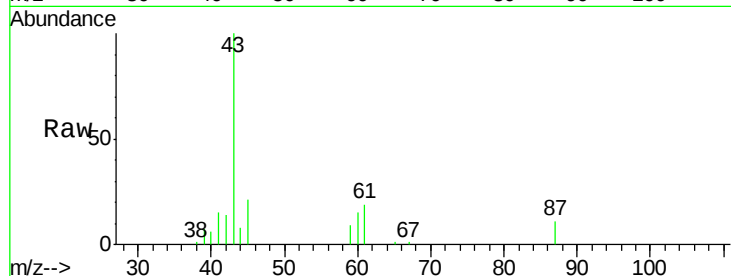
Delta R.T. 0.00 min

Lab File: VN053373.D

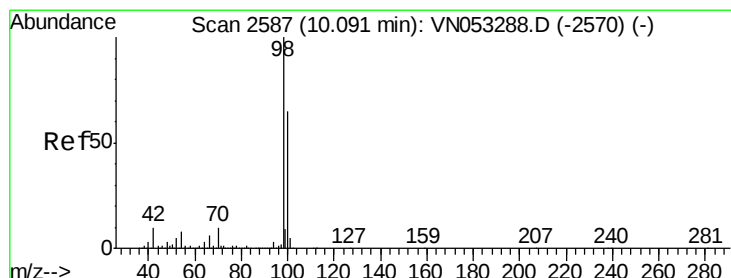
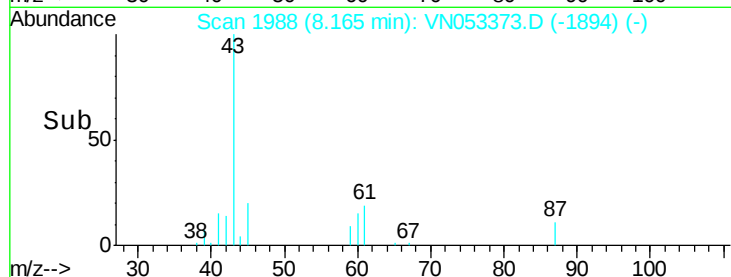
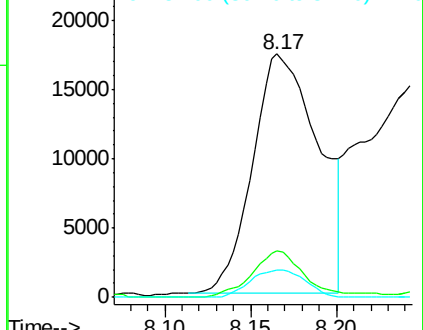
Acq: 11 Jan 2019 18:27

Tot Ion: 43 Resp: 46107

Ion	Ratio	Lower	Upper
43	100		
61	15.2	23.3	34.9#
87	9.5	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053373.D (-1894) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

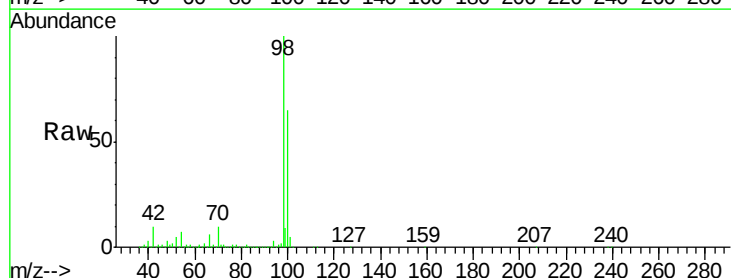
Delta R.T. 0.00 min

Lab File: VN053373.D

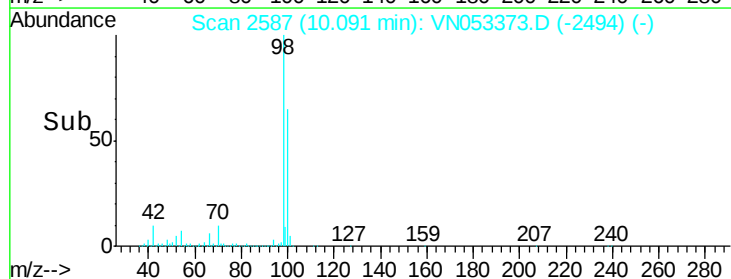
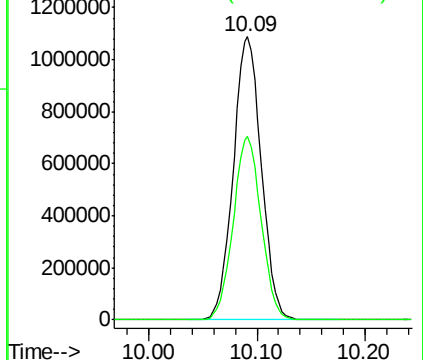
Acq: 11 Jan 2019 18:27

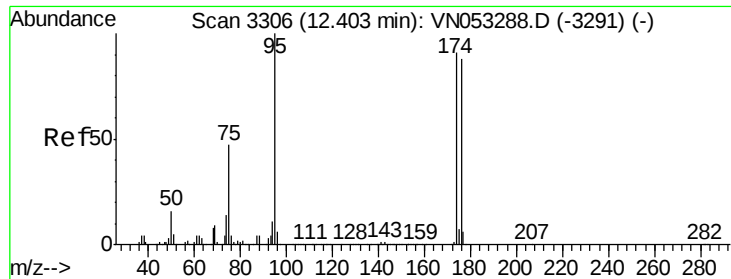
Tgt Ion: 98 Resp: 1969159

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053373.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

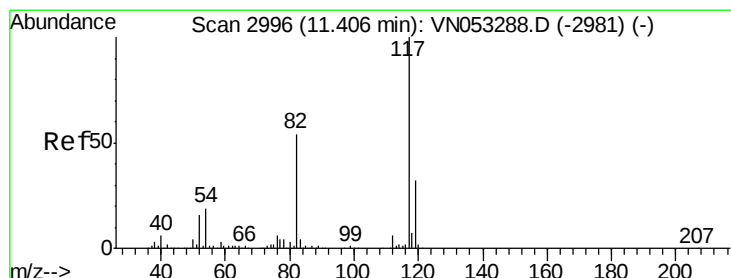
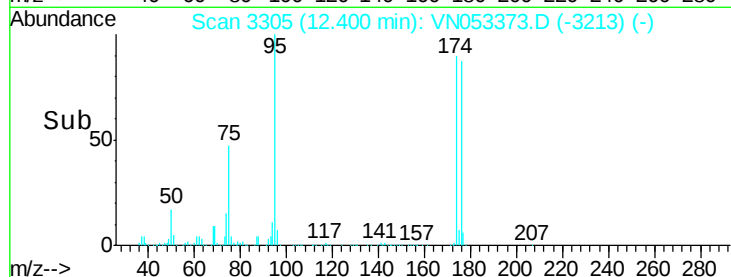
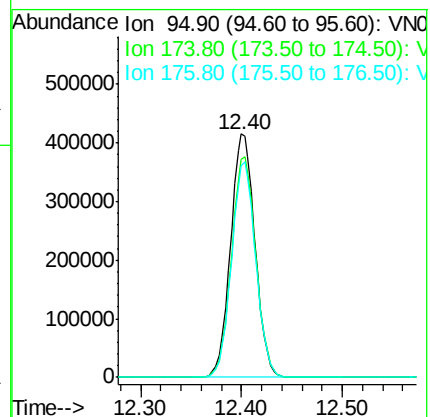
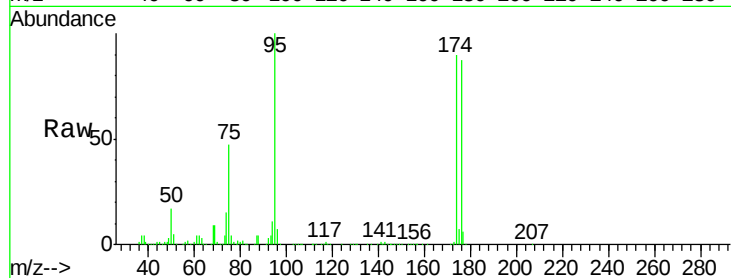
Tot Ion: 95 Resp: 700374

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.4

176 87.6 0.0 175.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

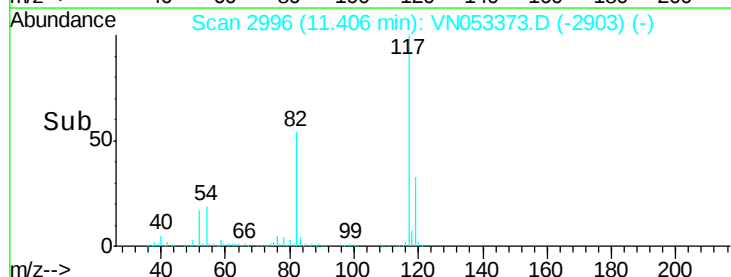
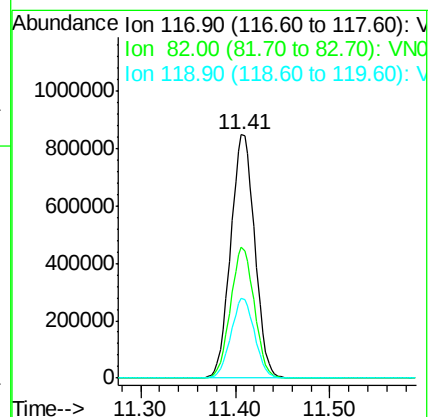
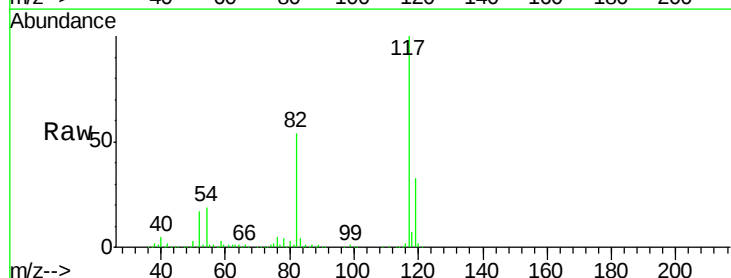
Tgt Ion: 117 Resp: 1495593

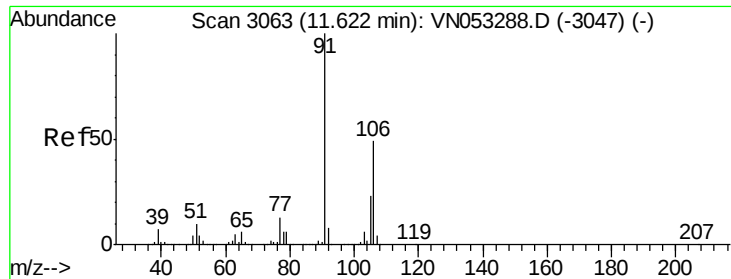
Ion Ratio Lower Upper

117 100

82 53.5 42.9 64.3

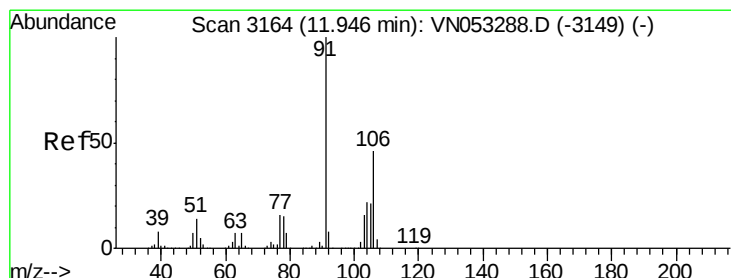
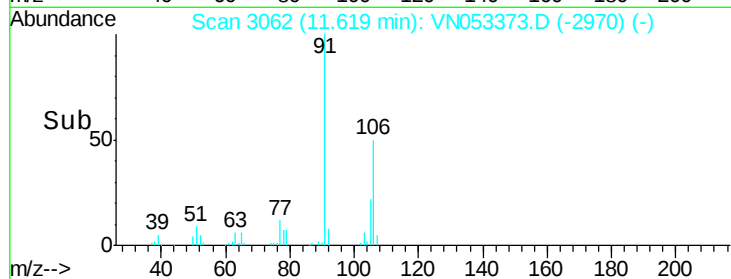
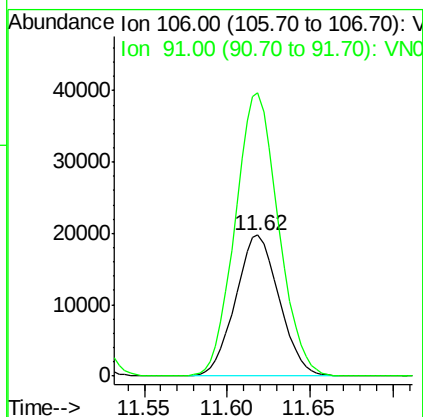
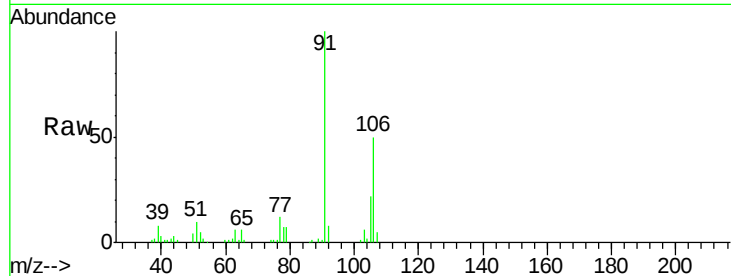
119 32.7 25.6 38.4





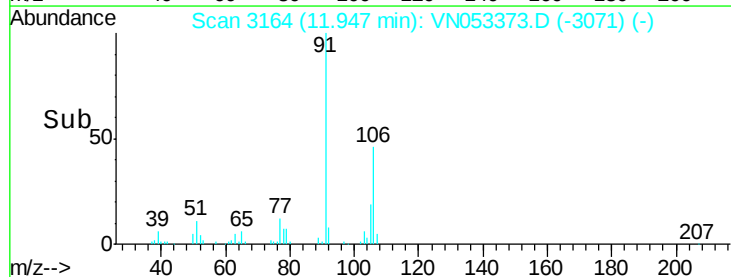
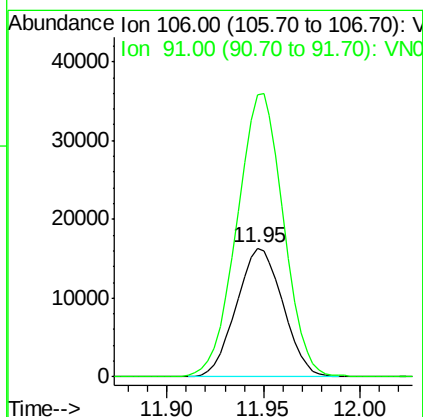
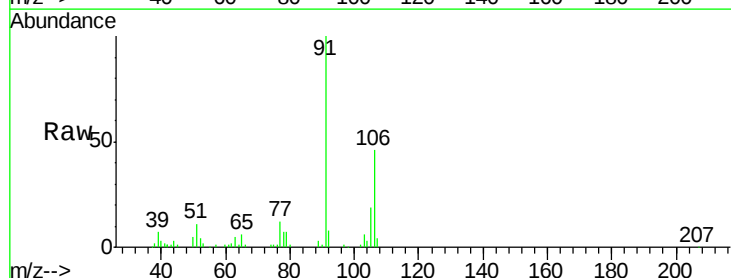
#68
m/p-Xvlenes
Concen: 1.737 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

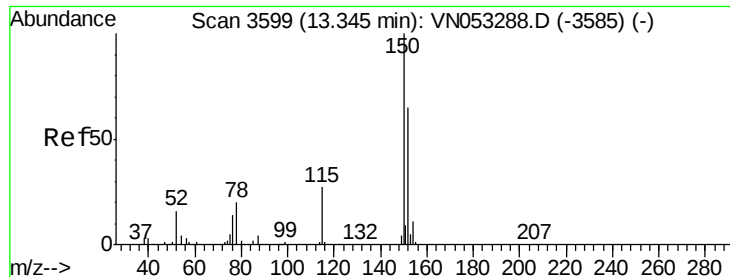
Tot Ion:106 Resp: 36051
Ion Ratio Lower Upper
106 100
91 199.5 161.4 242.2



#69
o-Xylene
Concen: 1.342 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion:106 Resp: 27273
Ion Ratio Lower Upper
106 100
91 220.1 106.8 320.4

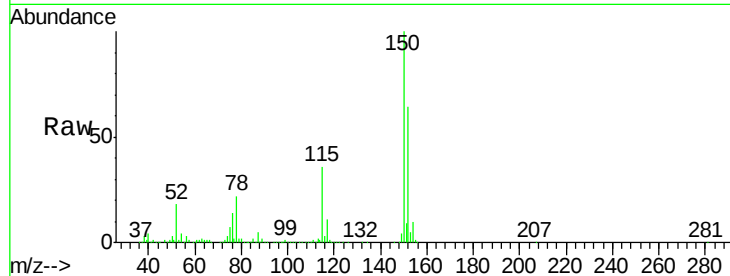




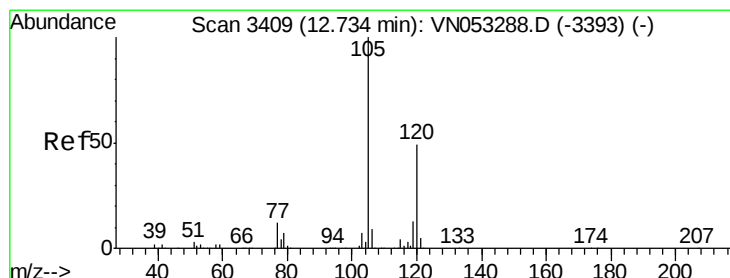
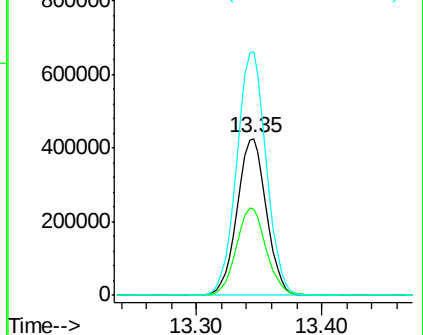
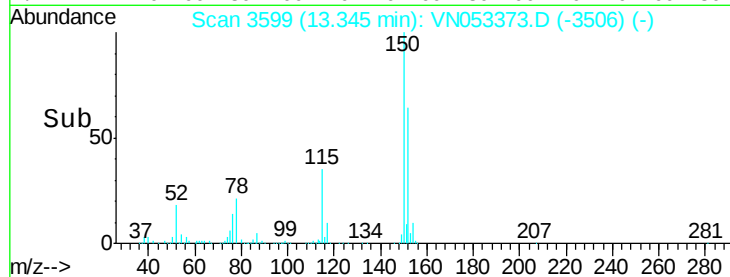
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.0	84.0
150	156.8	0.0	346.6



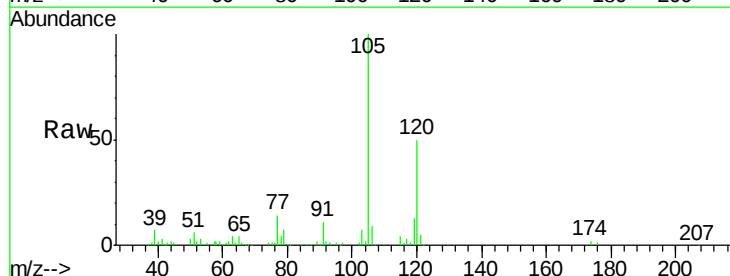
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



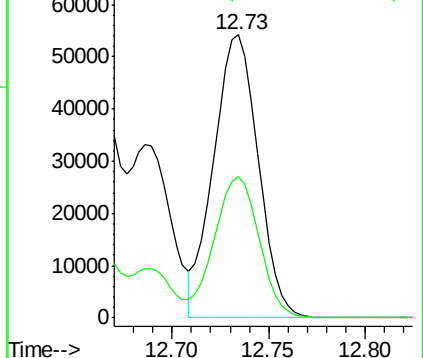
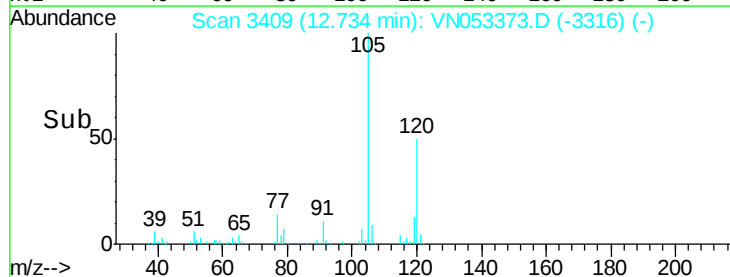
#80

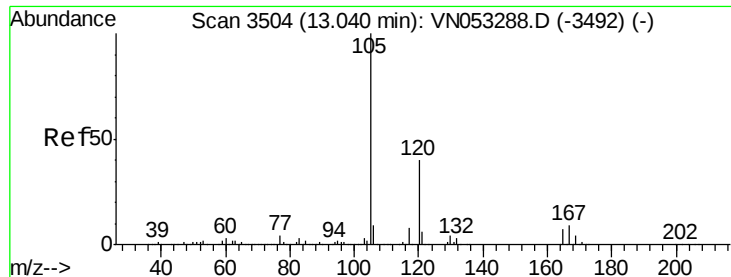
1,3,5-Trimethylbenzene
Concen: 2.104 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.8	24.7	74.1



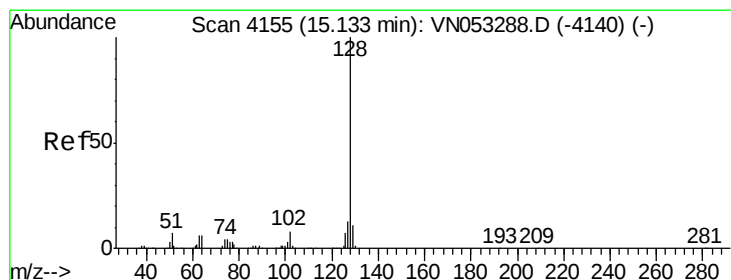
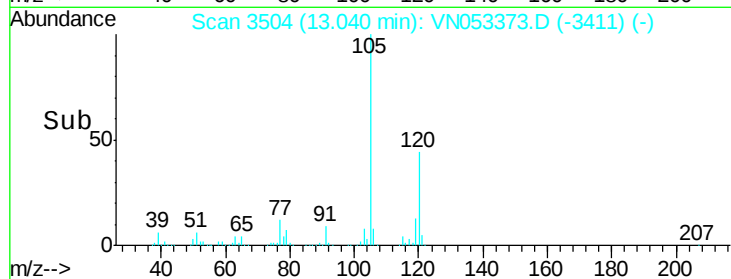
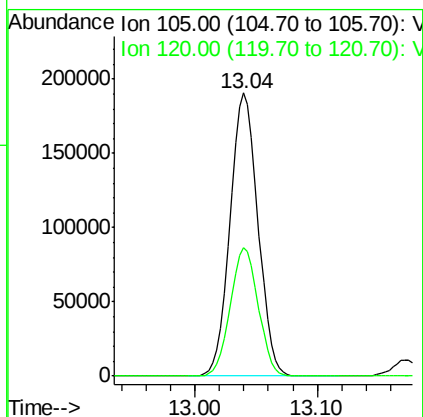
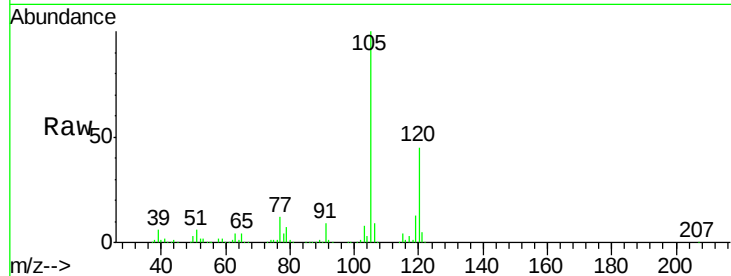
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 7.217 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0



#95
 Naphthalene
 Concen: 15.427 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1

