

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054071.D
 Acq On : 4 Mar 2019 17:47
 Operator : JC/SP
 Sample : K1688-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

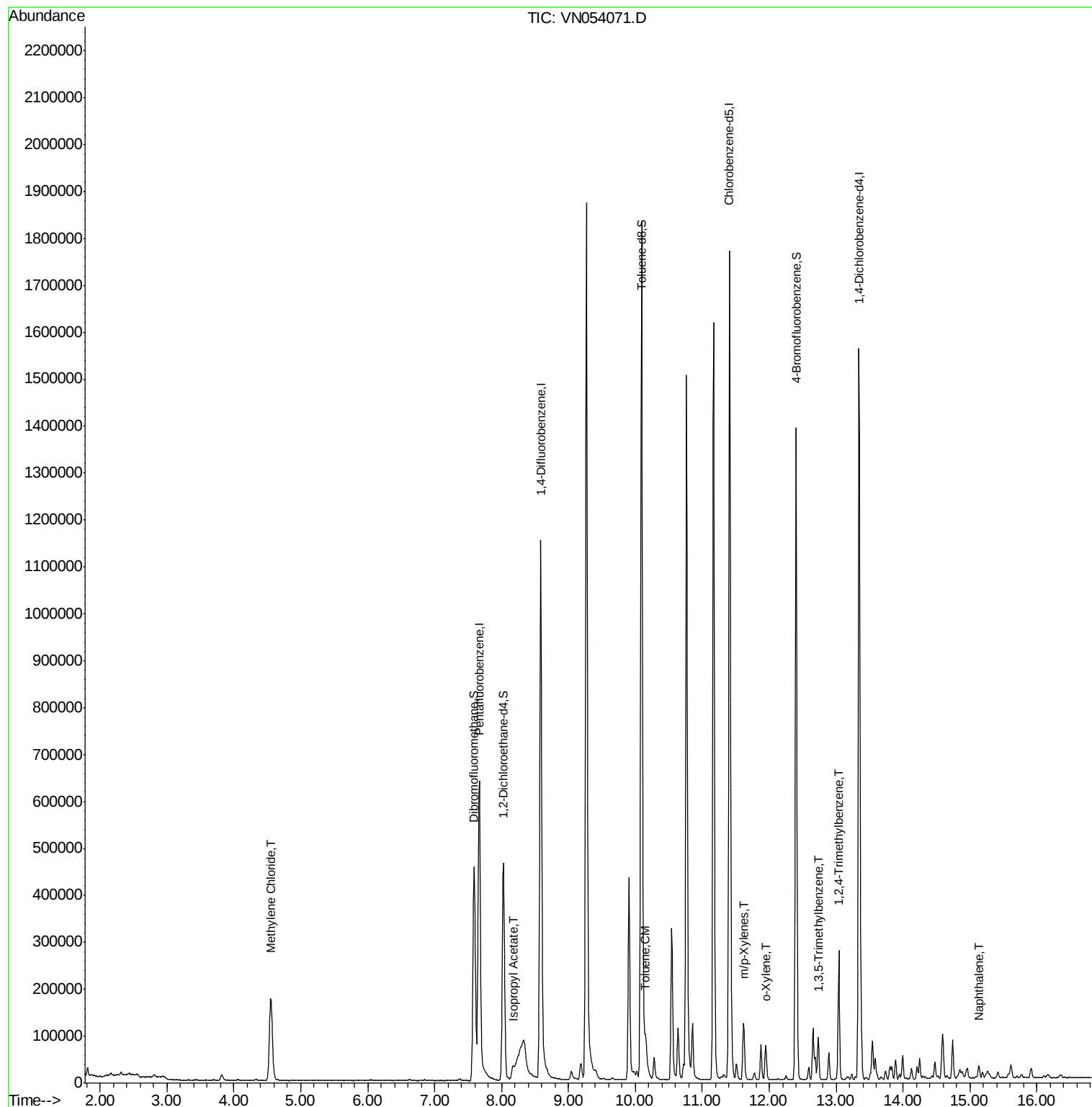
Quant Time: Mar 05 00:23:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

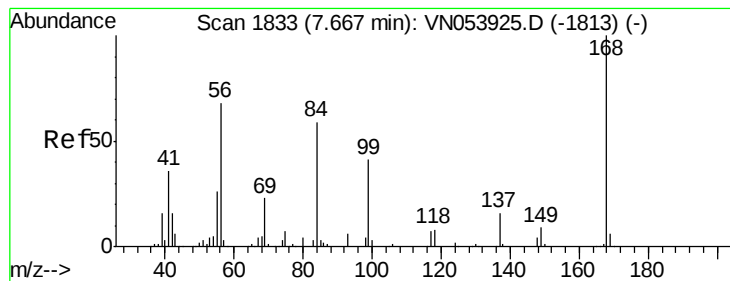
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	563533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1109945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1095301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394379	59.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.40%	
35) Dibromofluoromethane	7.59	113	358209	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.09	98	1421884	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.40	95	485885	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
Target Compounds						
20) Methylene Chloride	4.55	84	133210	20.375	ug/l	89
43) Isopropyl Acetate	8.17	43	39771	3.196	ug/l #	90
52) Toluene	10.16	92	22394	1.199	ug/l	98
68) m/p-Xylenes	11.62	106	39947	2.731	ug/l	94
69) o-Xylene	11.95	106	20269	1.410	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	48589	1.775	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	154562	5.654	ug/l	97
95) Naphthalene	15.13	128	24727	4.572	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
Data File : VN054071.D
Acq On : 4 Mar 2019 17:47
Operator : JC/SP
Sample : K1688-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 05 00:23:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 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: VN054071.D

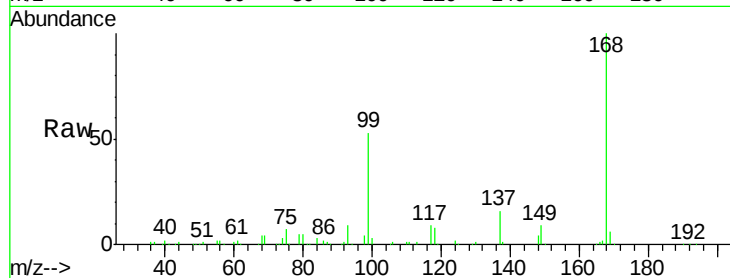
Acq: 4 Mar 2019 17:47

Tot Ion:168 Resp: 563533

Ion Ratio Lower Upper

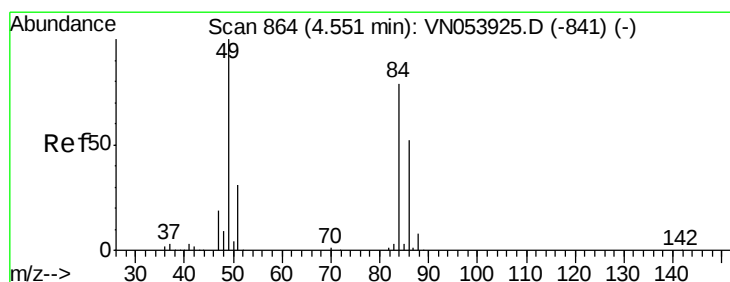
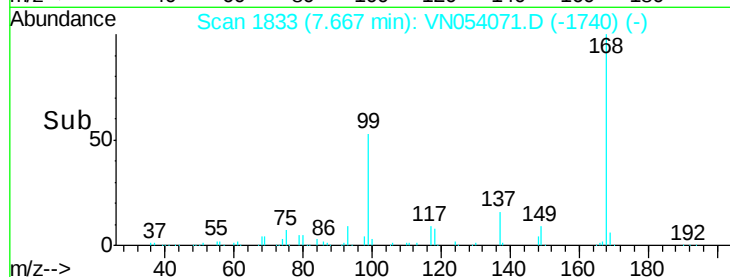
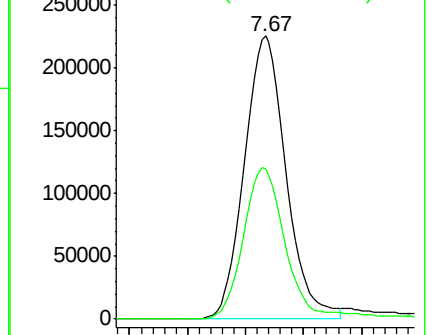
168 100

99 53.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 20.375 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

Tgt Ion: 84 Resp: 133210

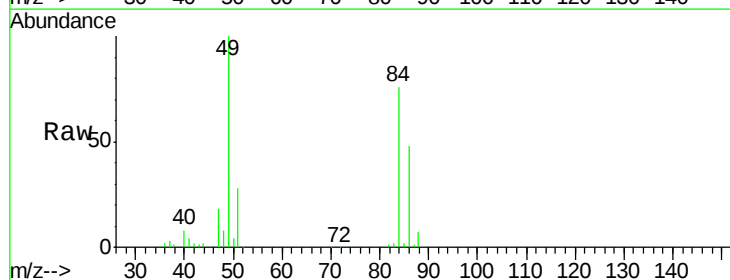
Ion Ratio Lower Upper

84 100

49 132.4 89.7 134.5

51 37.2 27.8 41.8

86 63.9 51.3 76.9

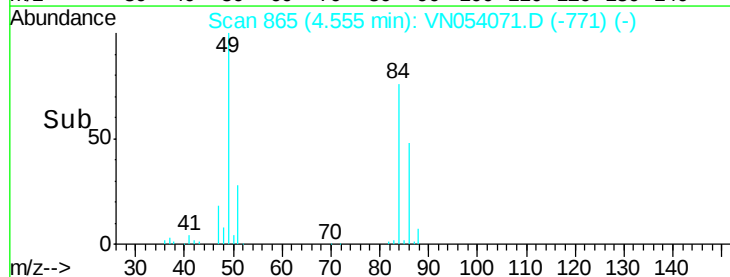
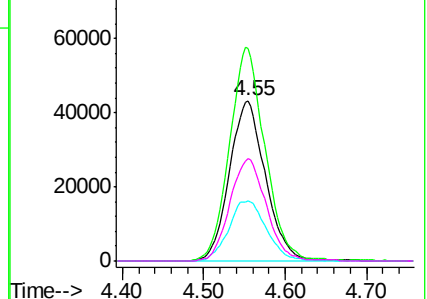


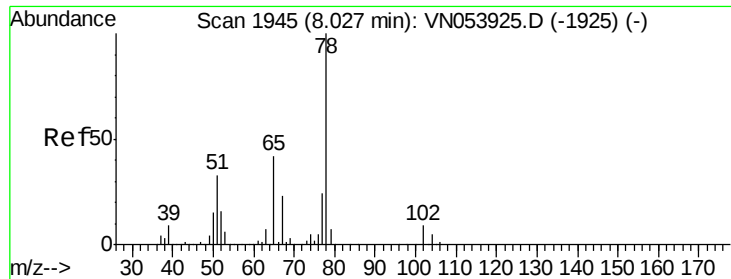
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

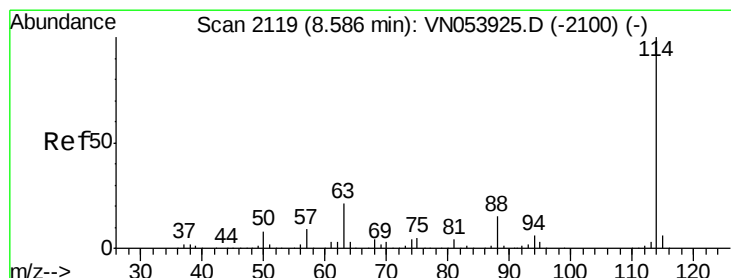
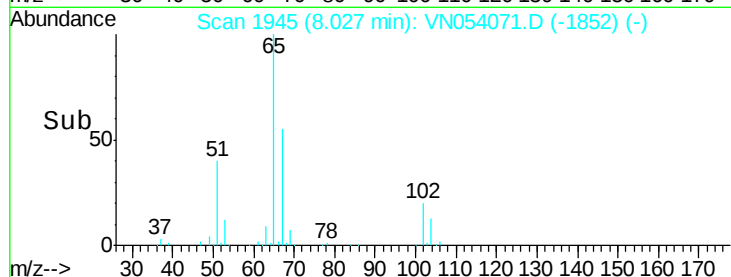
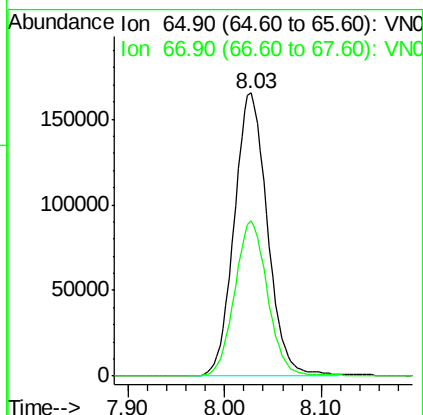
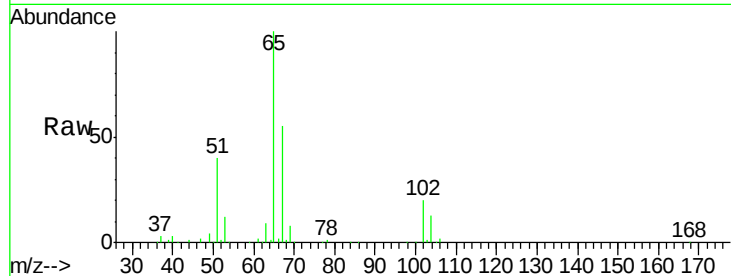
Ion 85.90 (85.60 to 86.60): VNO





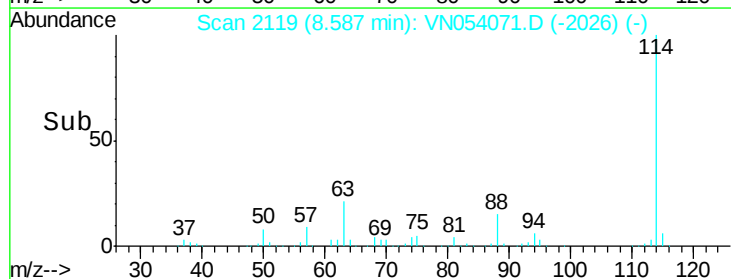
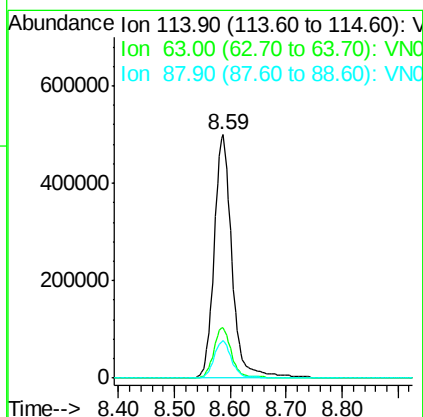
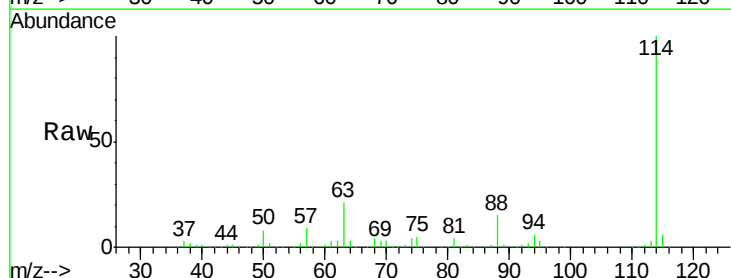
#33
 1,2-Dichloroethane-d4
 Concen: 59.701 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

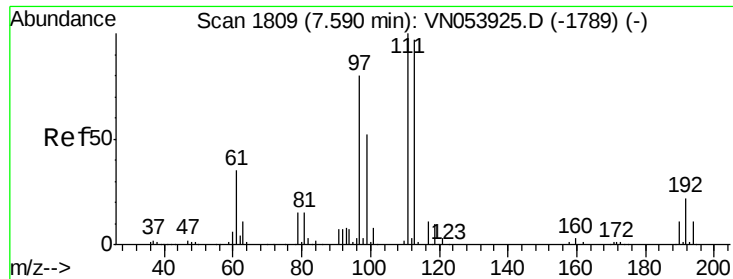
Tot Ion: 65 Resp: 394379
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

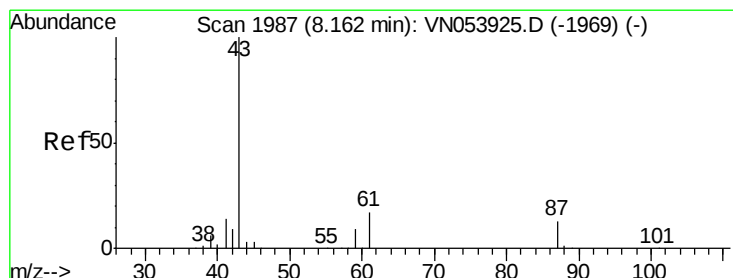
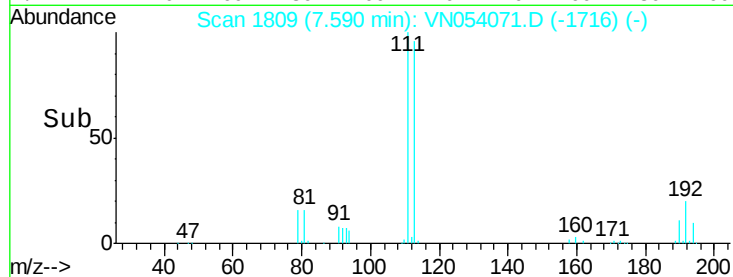
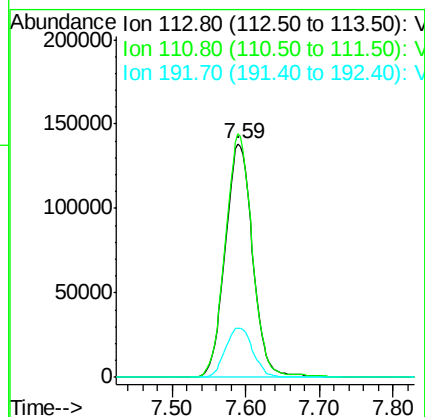
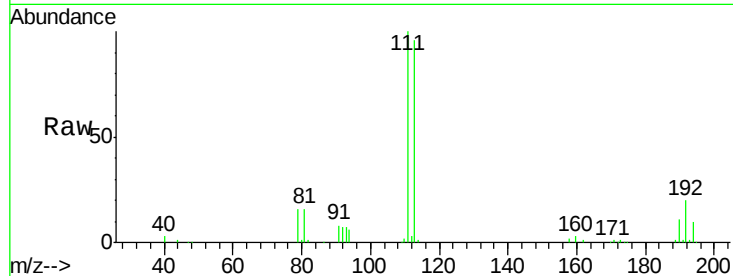
Tgt Ion: 114 Resp: 1109945
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.4
 88 15.2 0.0 30.4





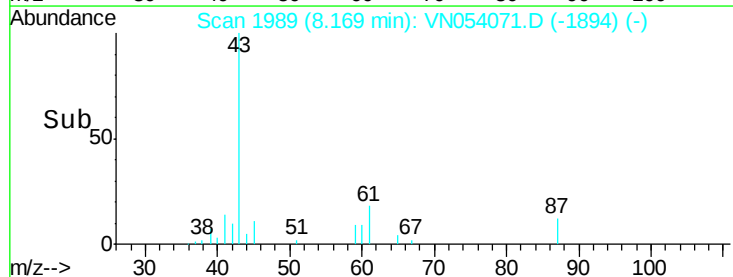
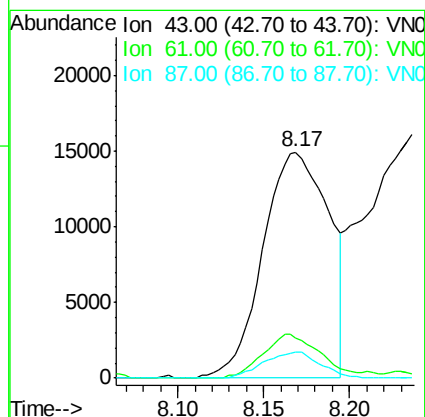
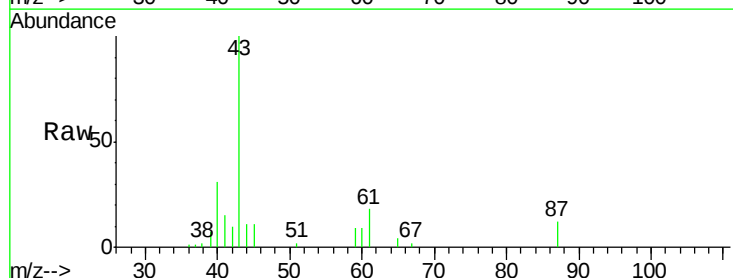
#35
 Dibromofluoromethane
 Concen: 49.907 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

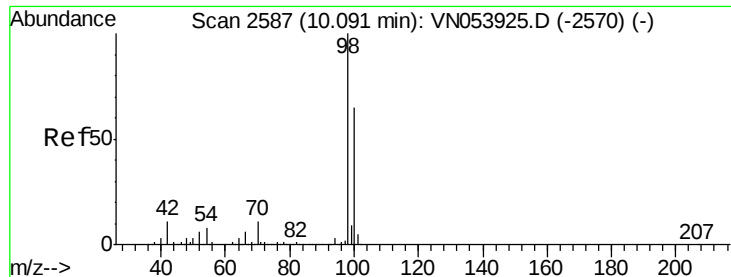
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	21.2	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 3.196 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN054071.D
 Acq: 4 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	17.4	26.0
87	9.9	11.5	17.3





#50

Toluene-d8

Concen: 53.216 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054071.D

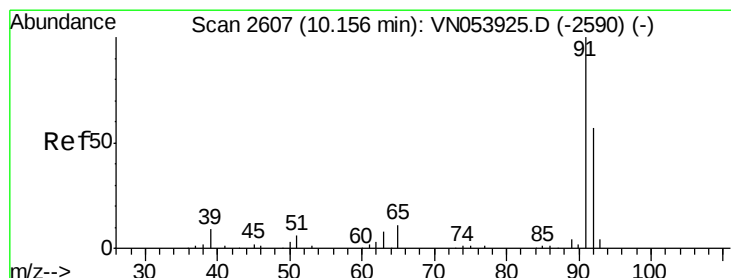
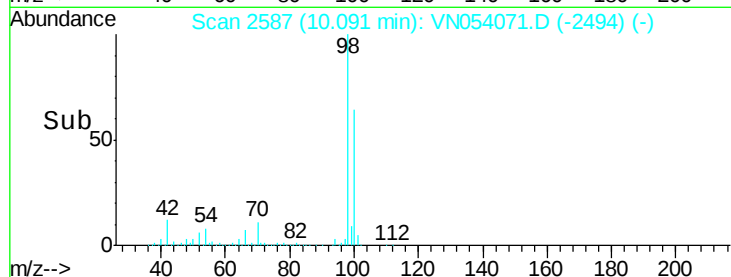
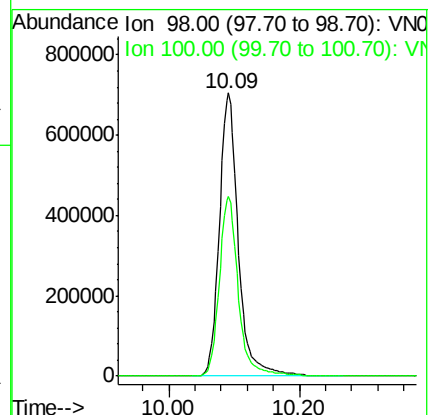
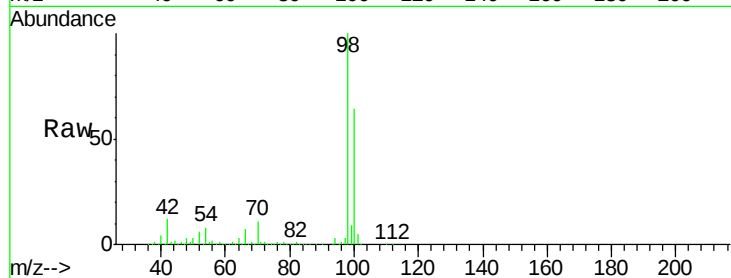
Acq: 4 Mar 2019 17:47

Tot Ion: 98 Resp: 1421884

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#52

Toluene

Concen: 1.199 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054071.D

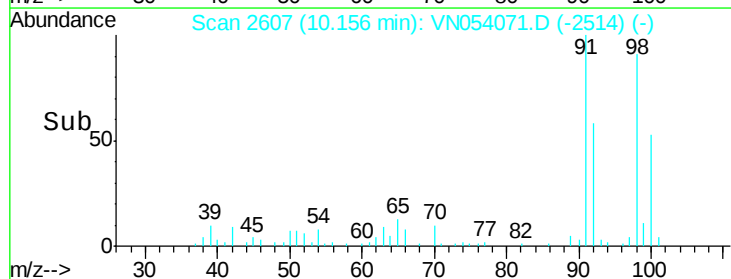
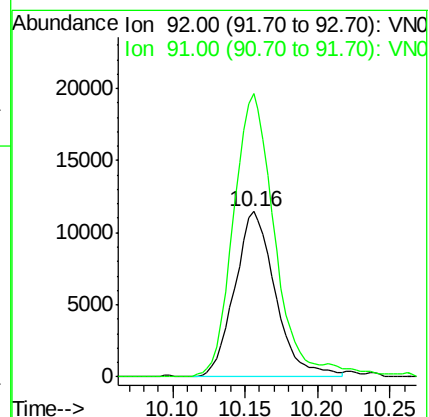
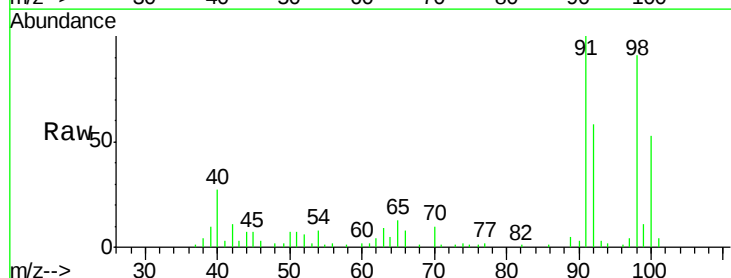
Acq: 4 Mar 2019 17:47

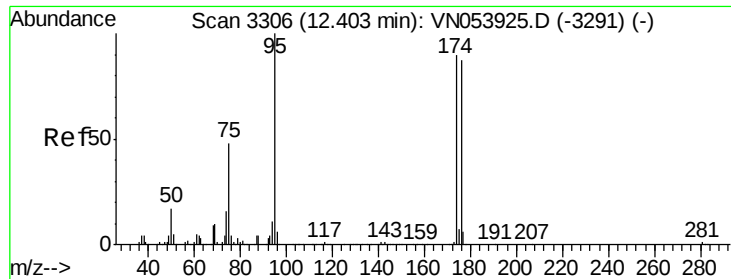
Tgt Ion: 92 Resp: 22394

Ion Ratio Lower Upper

92 100

91 169.5 138.4 207.6





#62

4-Bromofluorobenzene

Concen: 54.582 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

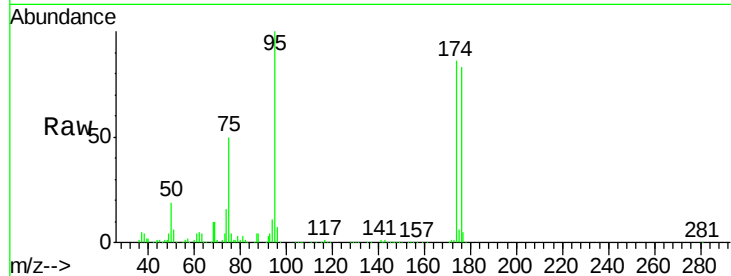
Tot Ion: 95 Resp: 485885

Ion Ratio Lower Upper

95 100

174 86.9 0.0 188.8

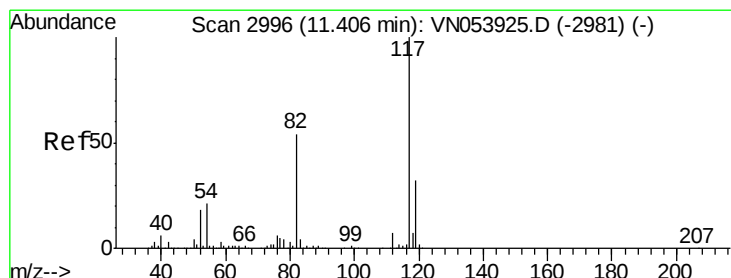
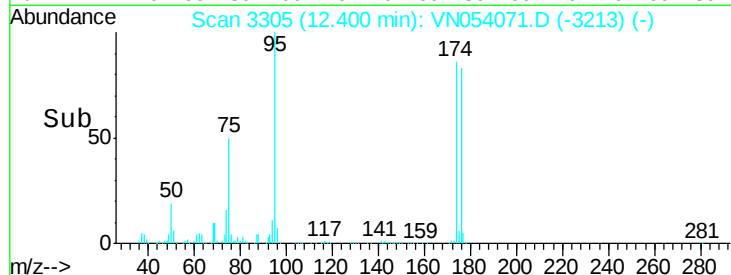
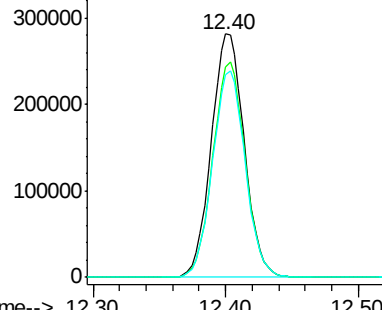
176 84.0 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

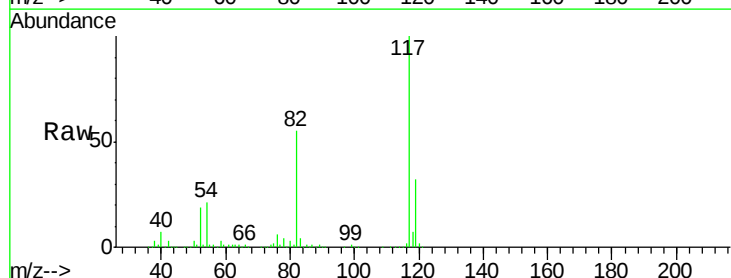
Tgt Ion: 117 Resp: 1095301

Ion Ratio Lower Upper

117 100

82 55.3 41.4 62.2

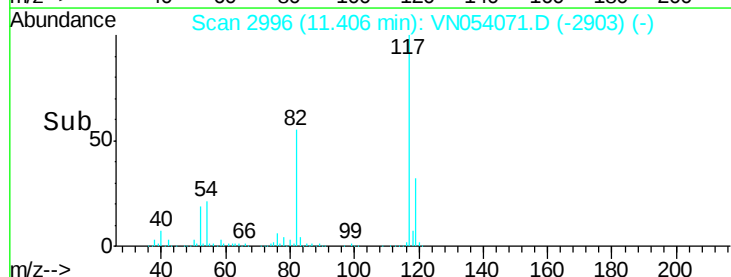
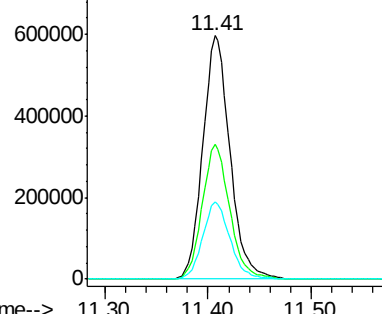
119 31.7 25.3 37.9

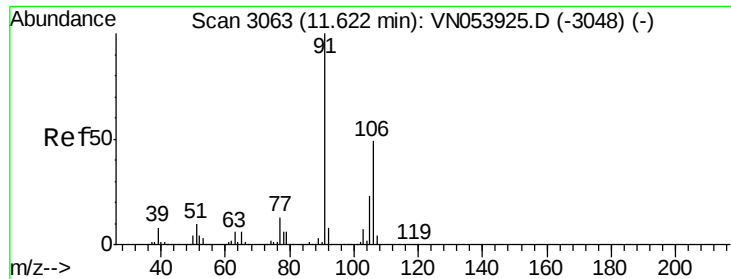


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

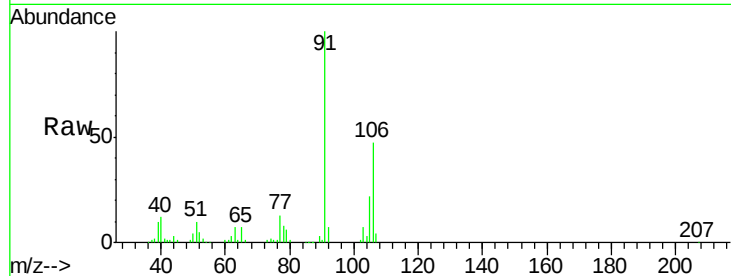
Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)



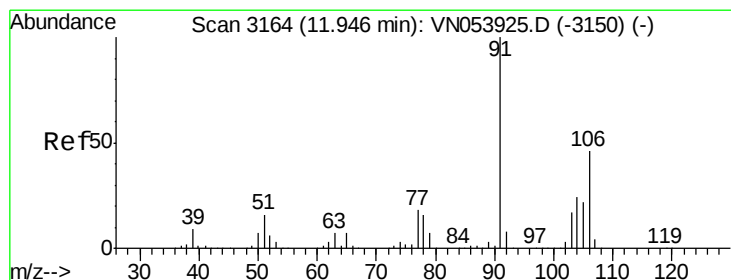
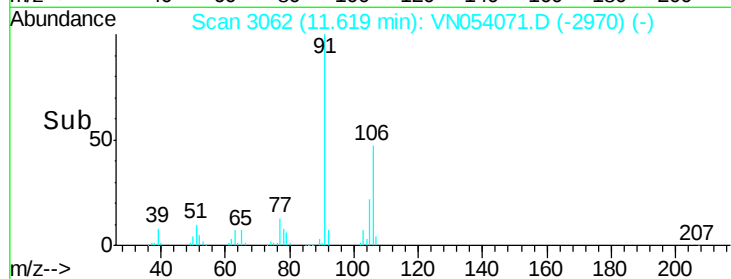
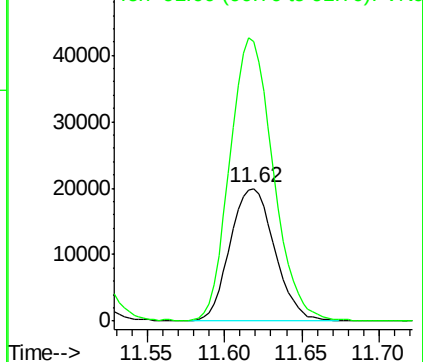


#68
m/p-Xylenes
Concen: 2.731 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tot Ion:106 Resp: 39947
Ion Ratio Lower Upper
106 100
91 208.1 158.9 238.3

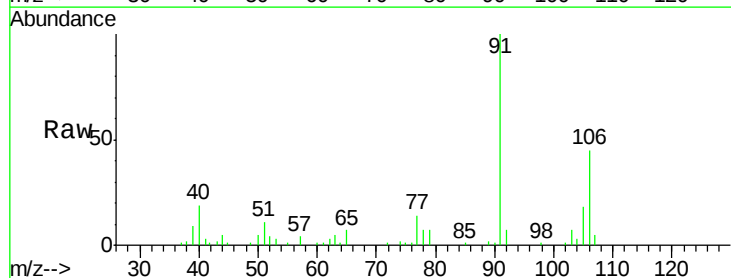


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

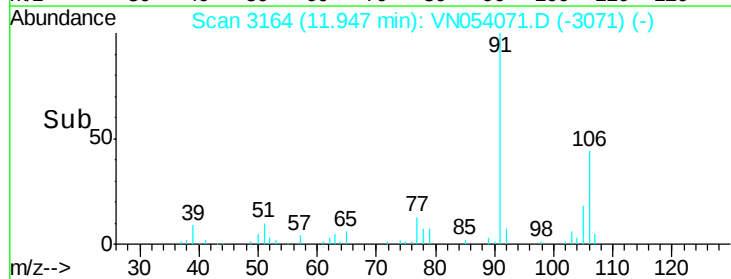
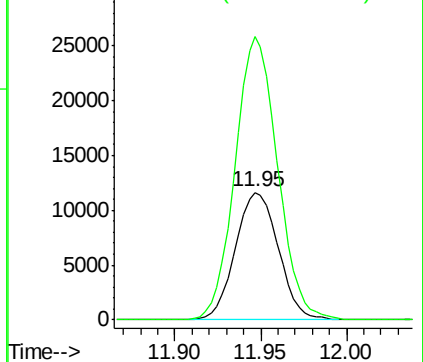


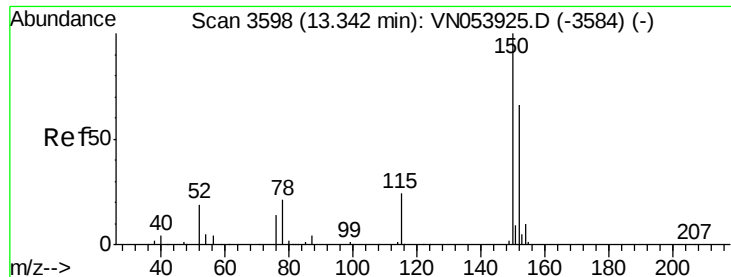
#69
o-Xylene
Concen: 1.410 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054071.D
Acq: 4 Mar 2019 17:47

Tgt Ion:106 Resp: 20269
Ion Ratio Lower Upper
106 100
91 219.3 106.0 318.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

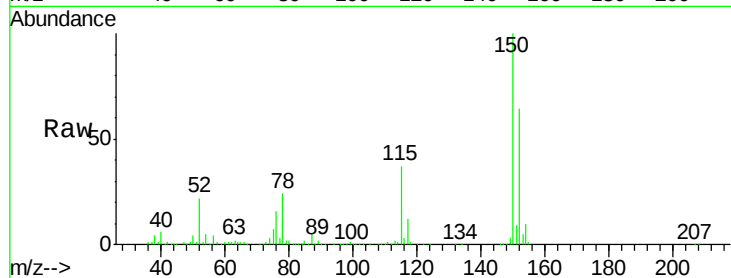
Tot Ion:152 Resp: 429664

Ion Ratio Lower Upper

152 100

115 58.4 27.2 81.6

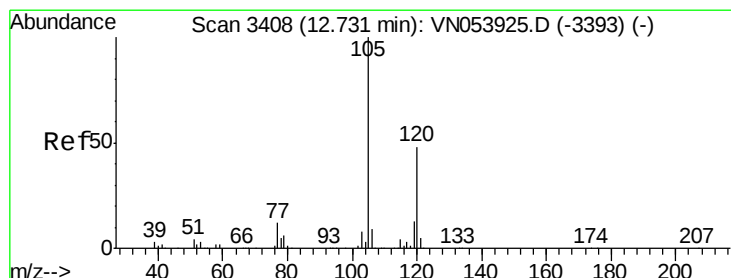
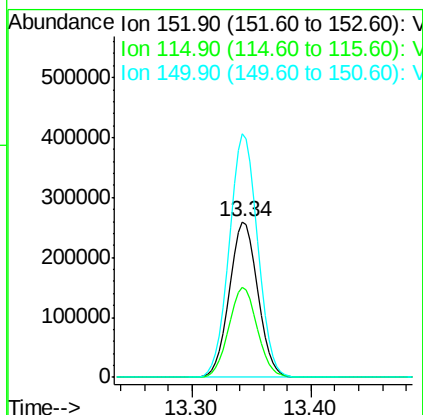
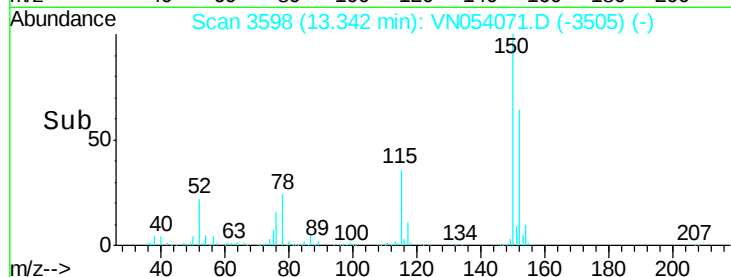
150 156.3 0.0 348.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.775 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054071.D

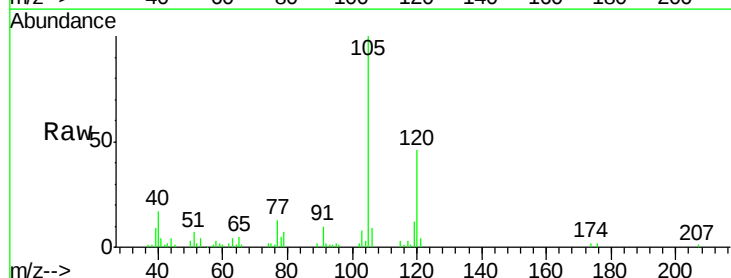
Acq: 4 Mar 2019 17:47

Tgt Ion:105 Resp: 48589

Ion Ratio Lower Upper

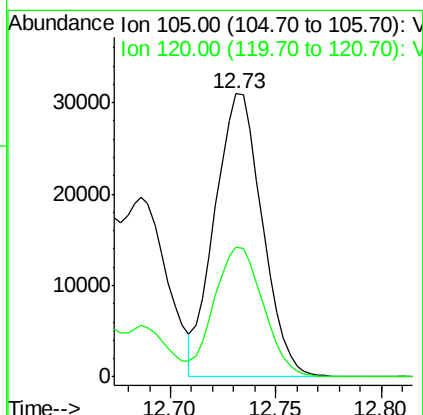
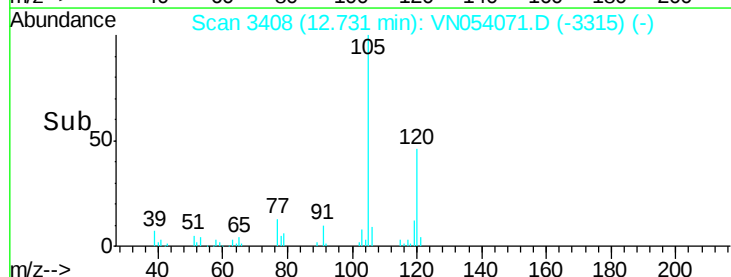
105 100

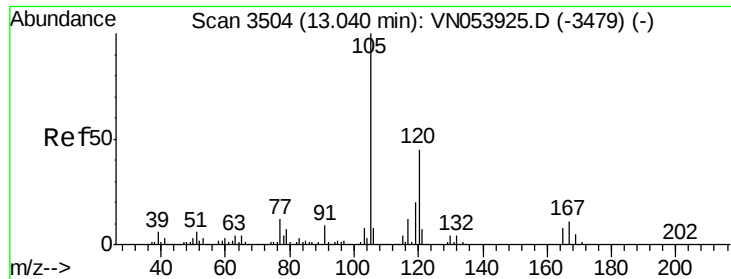
120 47.0 25.1 75.2



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: 5.654 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054071.D

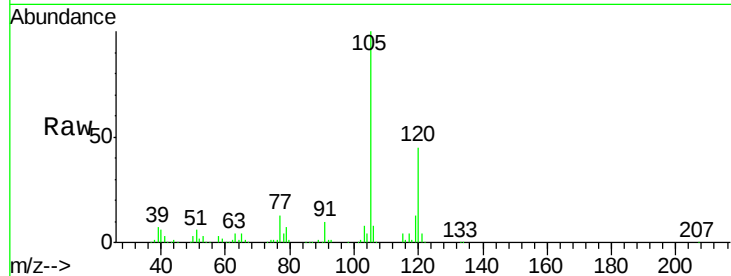
Acq: 4 Mar 2019 17:47

Tot Ion:105 Resp: 154562

Ion Ratio Lower Upper

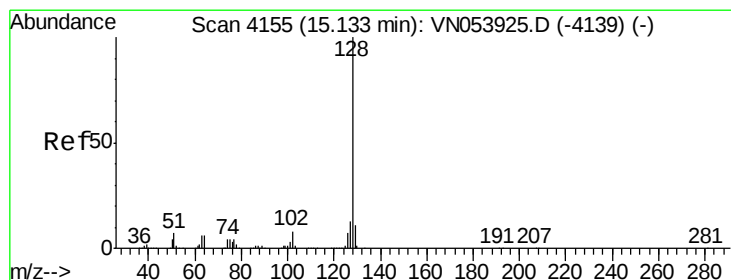
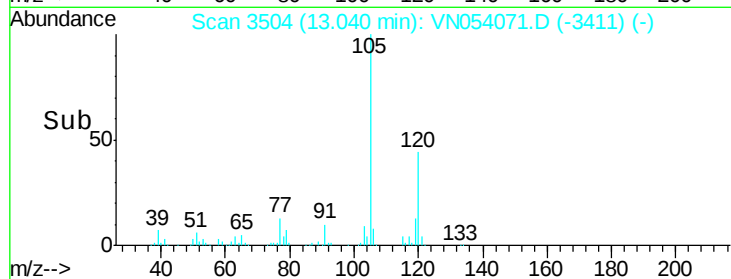
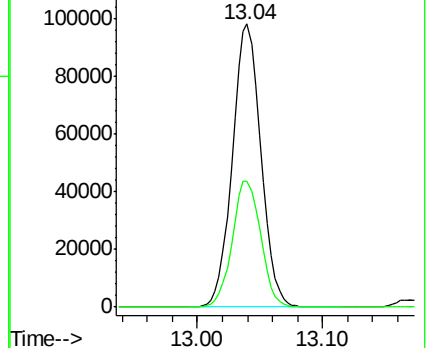
105 100

120 44.6 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: 4.572 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054071.D

Acq: 4 Mar 2019 17:47

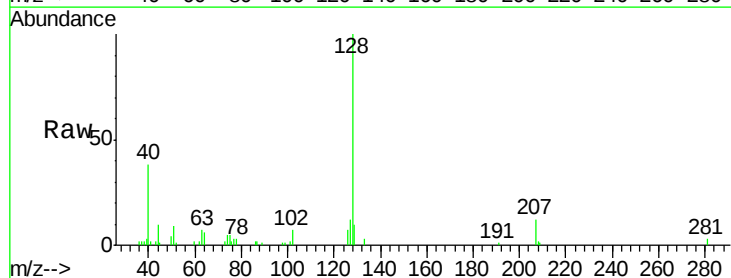
Tgt Ion:128 Resp: 24727

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 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

