

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050410.D
 Acq On : 7 Aug 2018 3:03
 Operator : MD\SY
 Sample : J4335-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CINNAMINSON-8-3-18

Quant Time: Aug 07 08:01:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	649785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1062526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365201	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	455401	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
35) Dibromofluoromethane	7.59	113	411059	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	10.09	98	1459982	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.40	95	421304	38.56	ug/l	0.00
Spiked Amount			Recovery	=	77.12%	

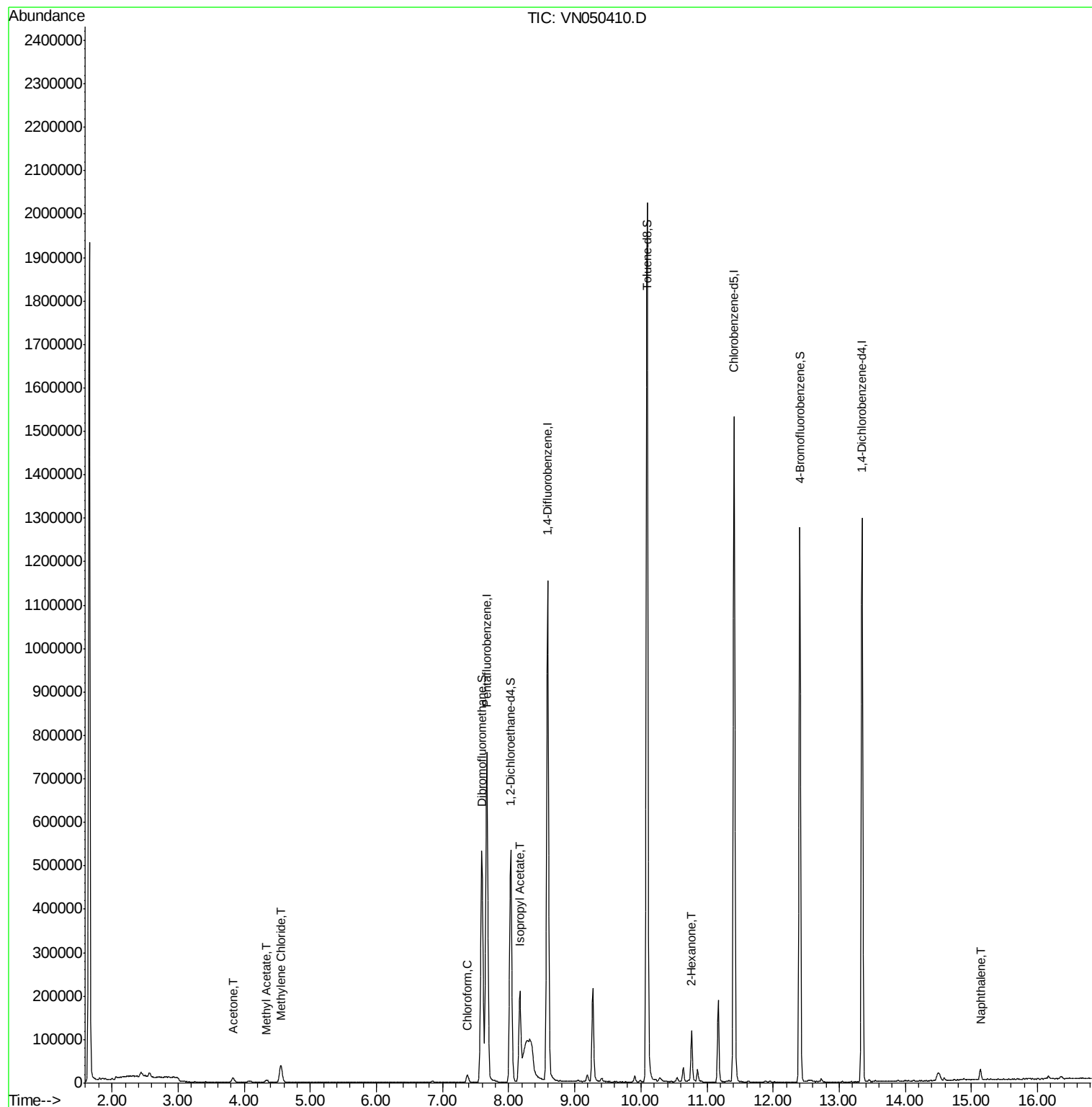
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	18404	6.76	ug/l	97
18) Methyl Acetate	4.34	43	11474	1.52	ug/l	# 68
20) Methylene Chloride	4.56	84	31533	2.51	ug/l	97
30) Chloroform	7.37	83	18374	1.30	ug/l	97
43) Isopropyl Acetate	8.17	43	254674	17.55	ug/l	99
59) 2-Hexanone	10.77	43	14898	2.04	ug/l	62
95) Naphthalene	15.14	128	20527	4.70	ug/l	98

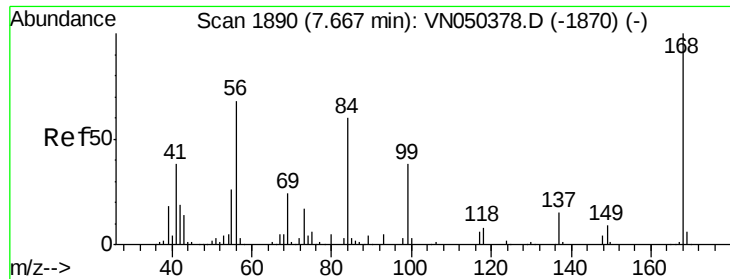
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050410.D

Acq: 7 Aug 2018 3:03

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MSVOA_N

ClientSampleId :

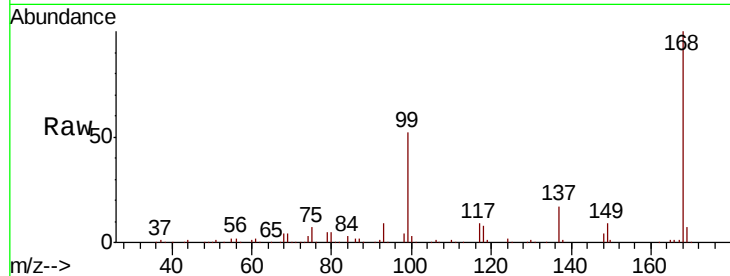
CINNAMINSON-8-3-18

Tot Ion:168 Resp: 649785

Ion Ratio Lower Upper

168 100

99 51.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

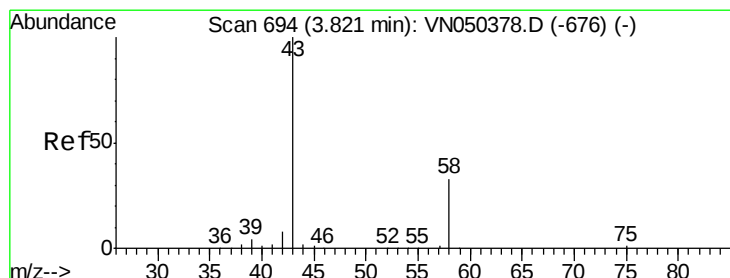
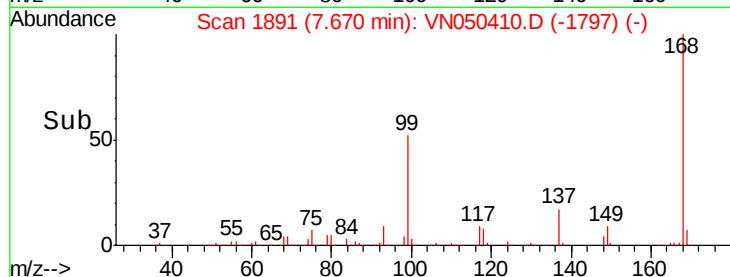
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.76 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050410.D

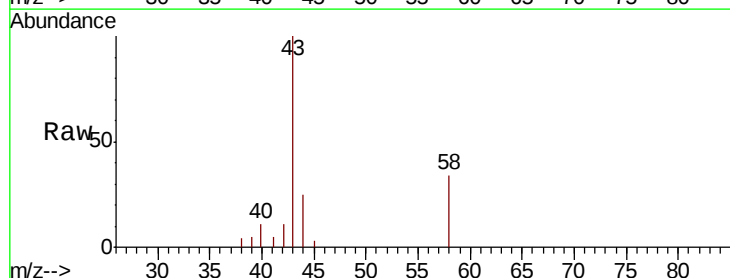
Acq: 7 Aug 2018 3:03

Tgt Ion: 43 Resp: 18404

Ion Ratio Lower Upper

43 100

58 33.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

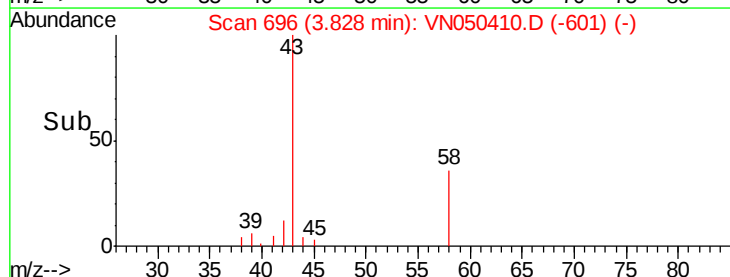
6000

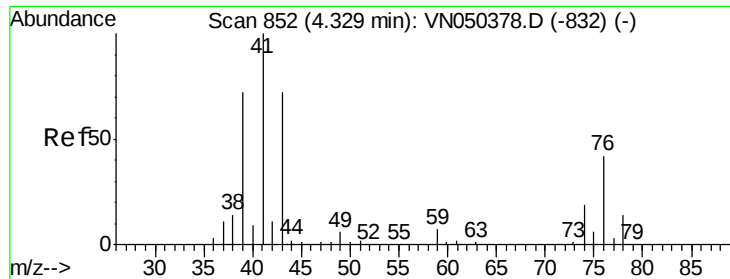
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

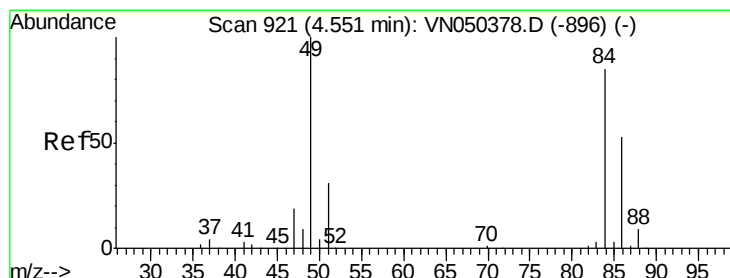
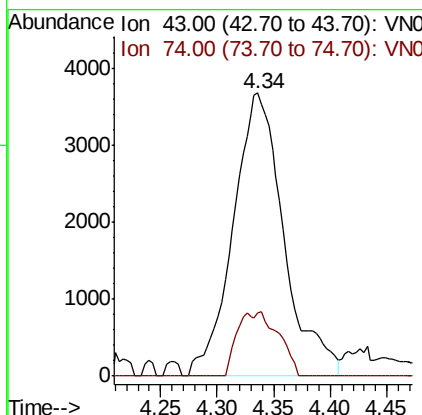
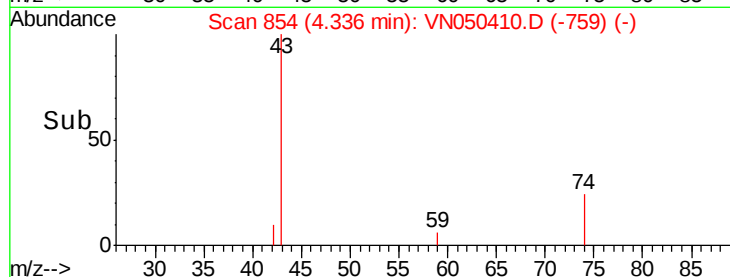
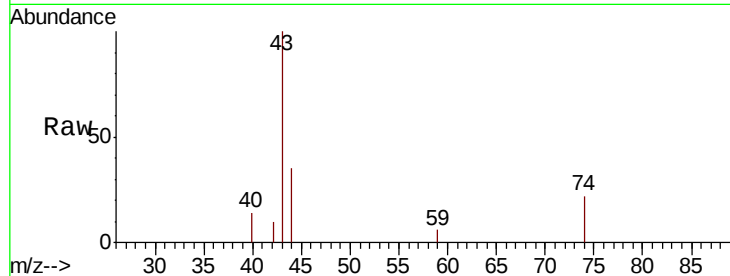




#18
Methyl Acetate
Concen: 1.52 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050410.D
Acq: 7 Aug 2018 3:03

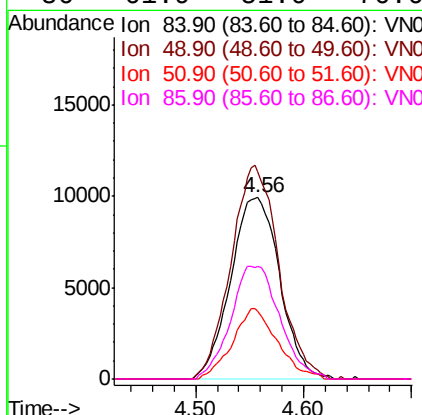
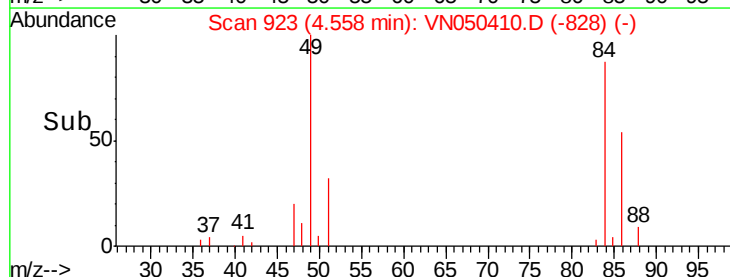
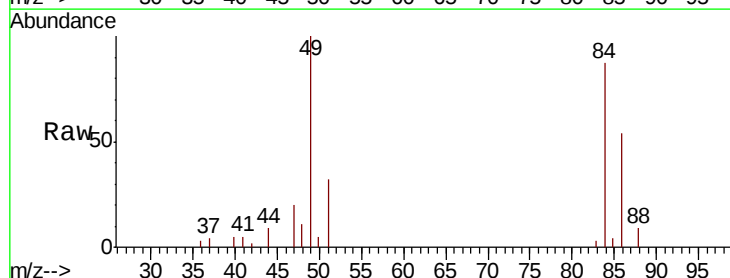
Instrument :
MSVOA_N
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CINNAMINSON-8-3-18

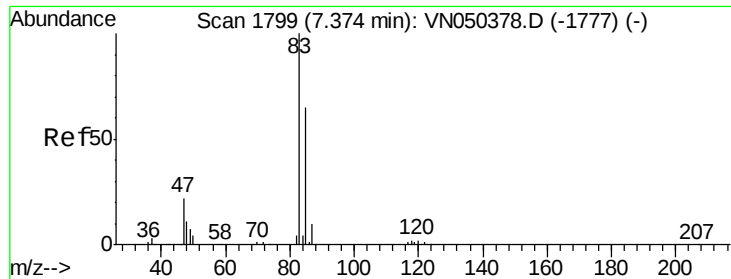
Tot Ion: 43 Resp: 11474
Ion Ratio Lower Upper
43 100
74 8.3 19.2 28.8#



#20
Methylene Chloride
Concen: 2.51 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050410.D
Acq: 7 Aug 2018 3:03

Tgt Ion: 84 Resp: 31533
Ion Ratio Lower Upper
84 100
49 114.6 94.8 142.2
51 37.2 28.3 42.5
86 61.9 51.0 76.6

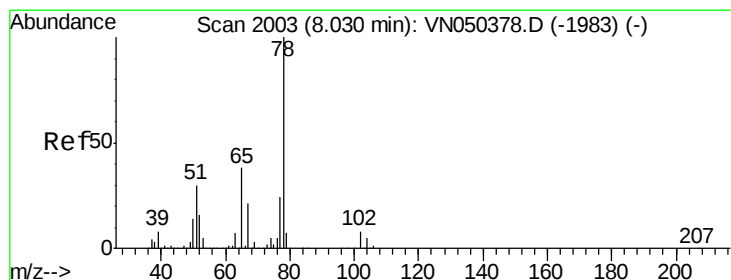
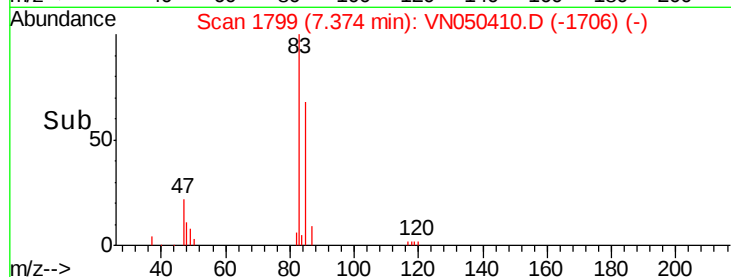
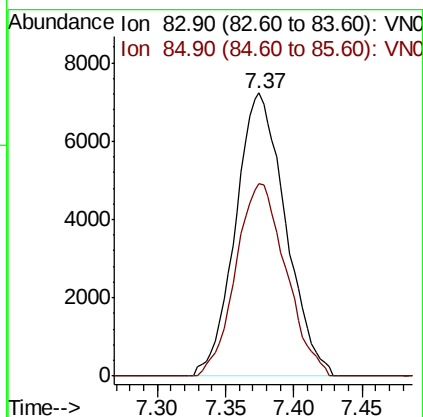
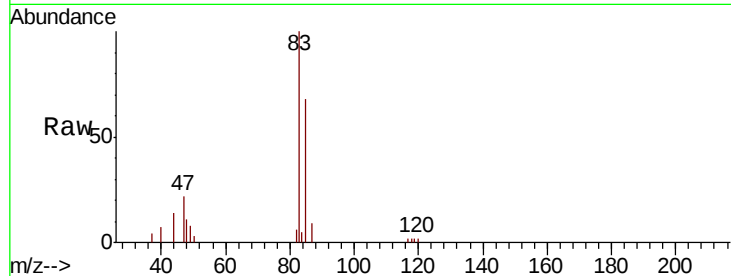




#30
Chloroform
Concen: 1.30 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050410.D
Acq: 7 Aug 2018 3:03

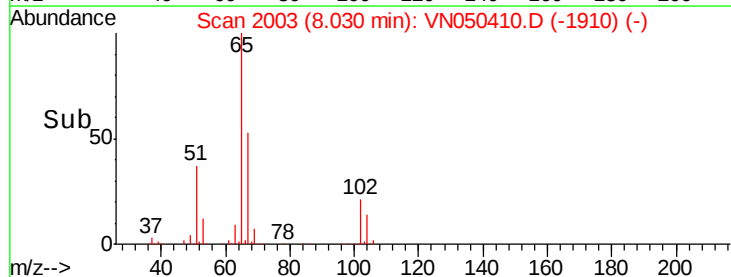
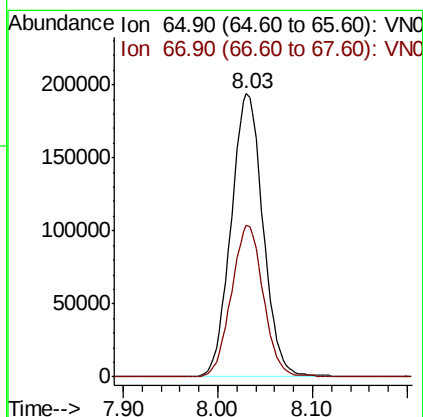
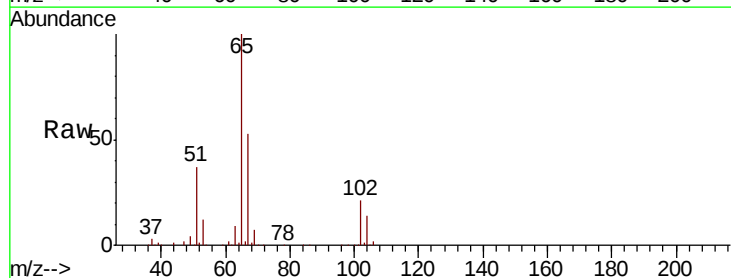
Instrument :
MSVOA_N
ClientSampleId :
CINNAMINSON-8-3-18

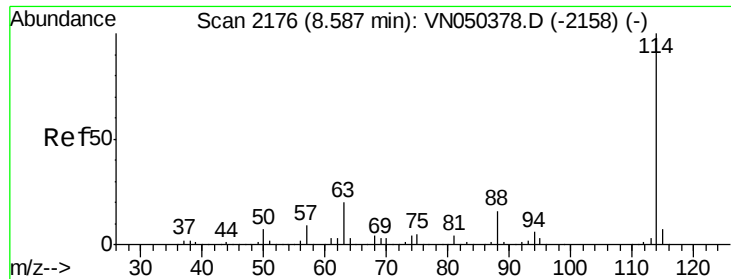
Tot Ion: 83 Resp: 18374
Ion Ratio Lower Upper
83 100
85 68.2 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 52.46 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050410.D
Acq: 7 Aug 2018 3:03

Tgt Ion: 65 Resp: 455401
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

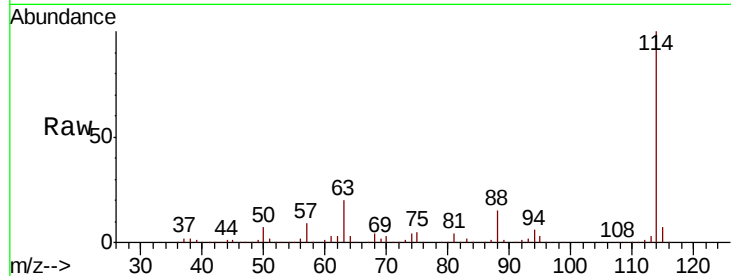




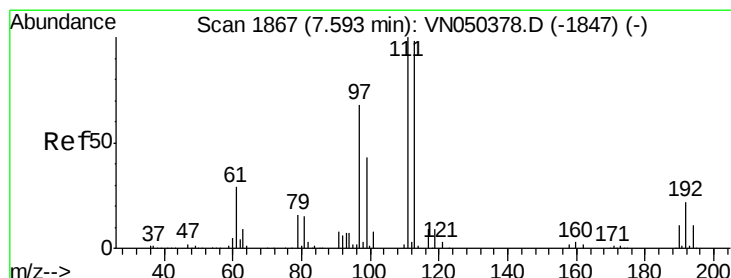
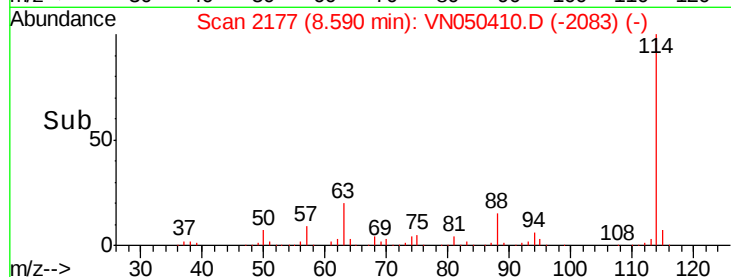
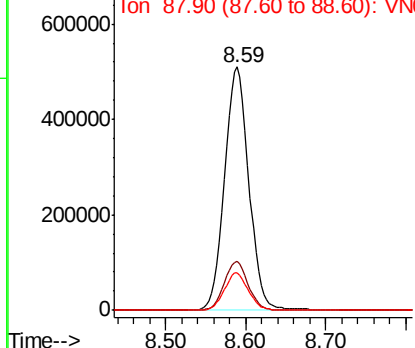
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050410.D
Acq: 7 Aug 2018 3:03

Instrument :
MSVOA_N
ClientSampleId :
CINNAMINSON-8-3-18

Tot Ion:114 Resp: 1062526
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 15.4 0.0 31.2

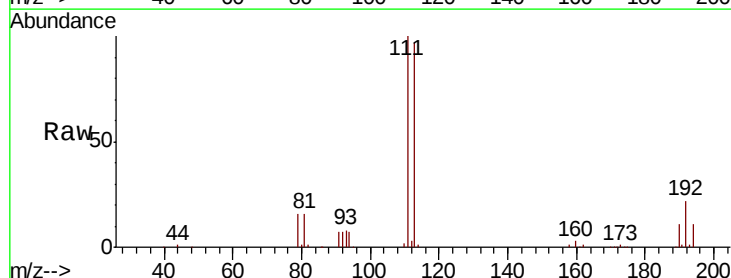


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

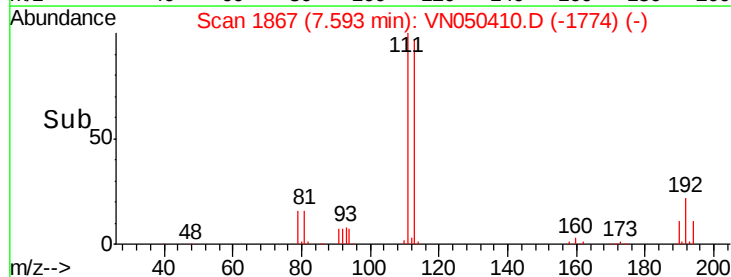
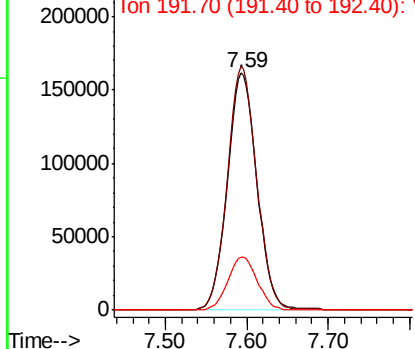


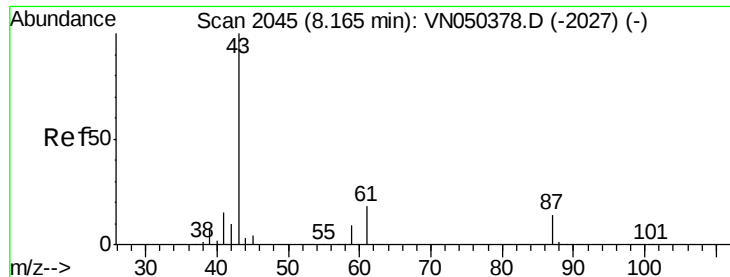
#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050410.D
Acq: 7 Aug 2018 3:03

Tgt Ion:113 Resp: 411059
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 22.2 17.8 26.6



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



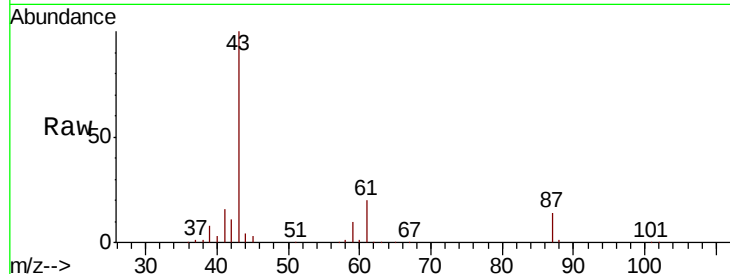


#43

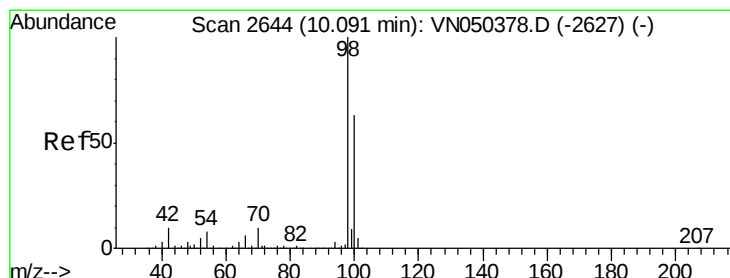
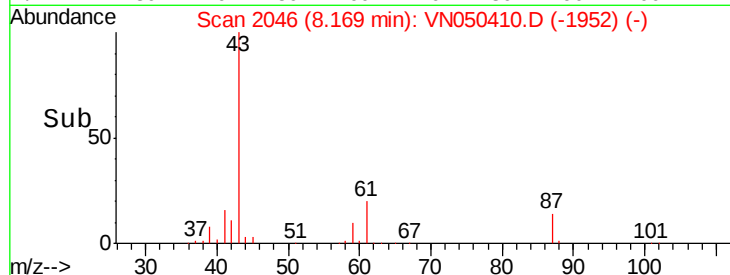
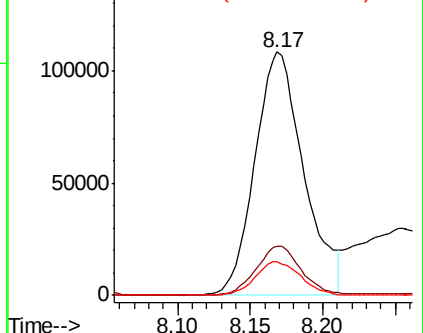
Isopropyl Acetate
 Concen: 17.55 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050410.D
 Acq: 7 Aug 2018 3:03

Instrument :
 MSVOA_N
 ClientSampleId :
 CINNAMINSON-8-3-18

Tot Ion: 43 Resp: 254674
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.8 23.6
 87 12.9 10.3 15.5



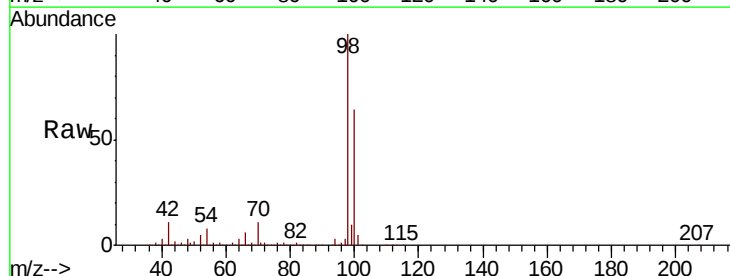
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



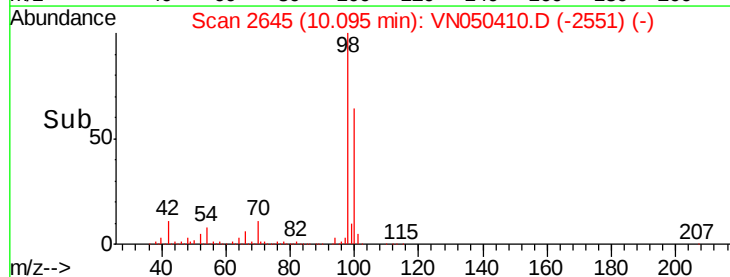
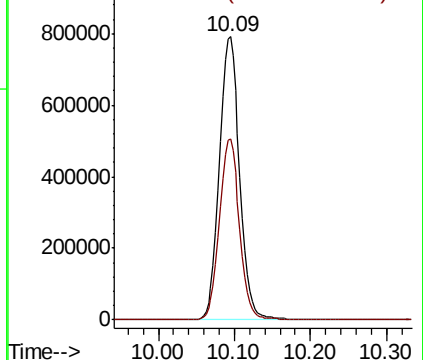
#50

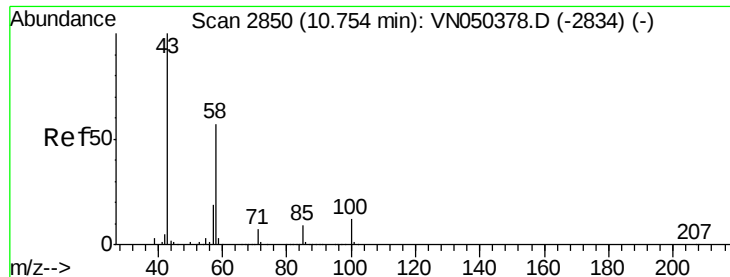
Toluene-d8
 Concen: 45.55 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050410.D
 Acq: 7 Aug 2018 3:03

Tgt Ion: 98 Resp: 1459982
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 2.04 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050410.D

Acq: 7 Aug 2018 3:03

Instrument :

MSVOA_N

ClientSampleId :

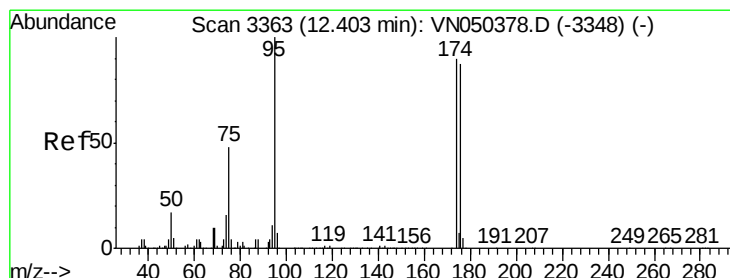
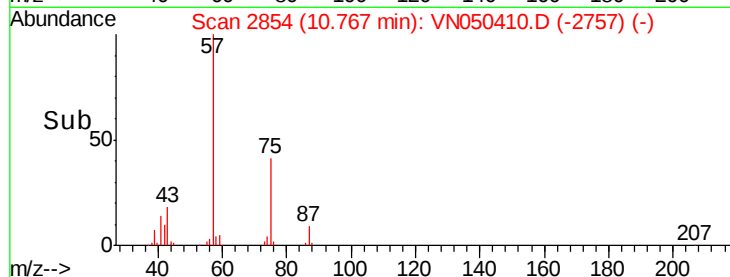
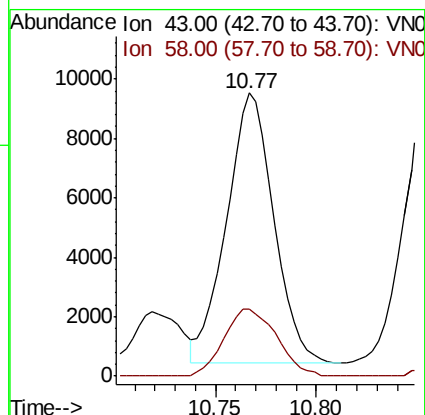
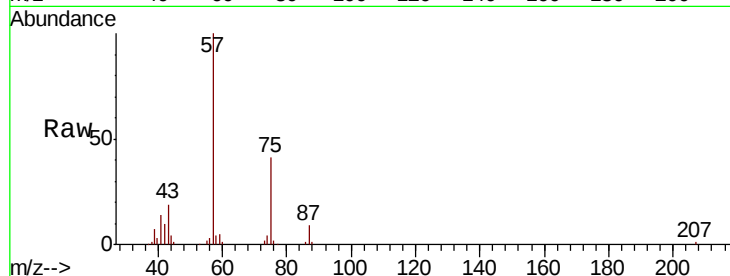
CINNAMINSON-8-3-18

Tot Ion: 43 Resp: 14898

Ion Ratio Lower Upper

43 100

58 27.7 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 38.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050410.D

Acq: 7 Aug 2018 3:03

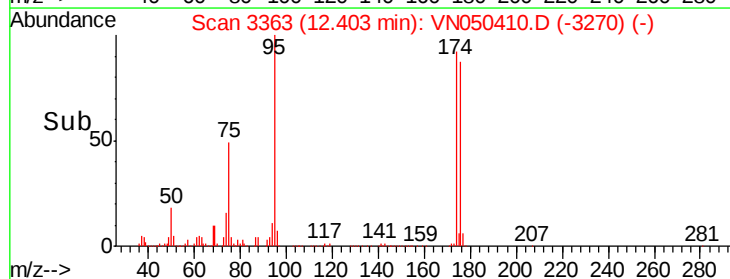
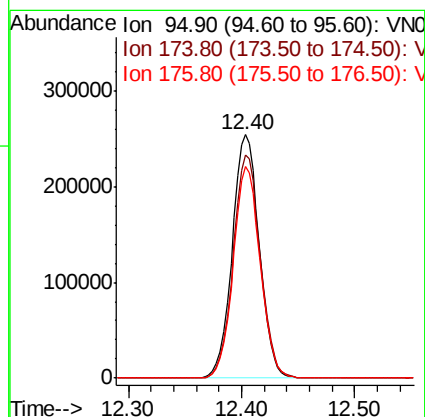
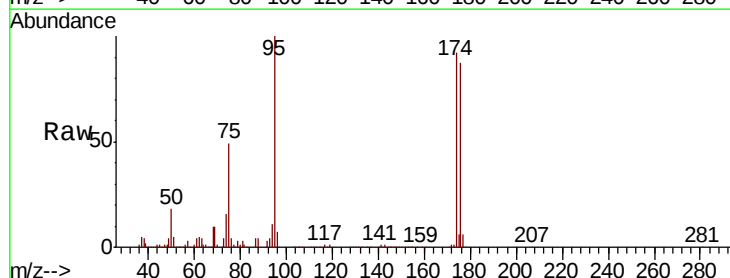
Tgt Ion: 95 Resp: 421304

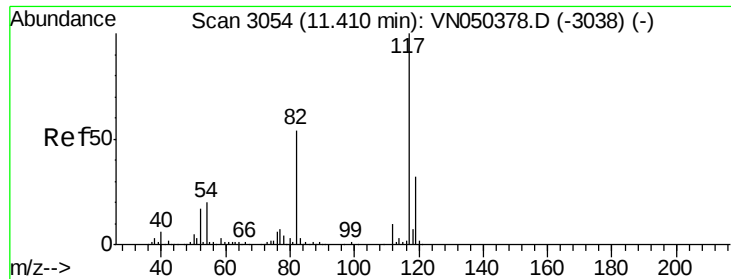
Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.2

176 86.7 0.0 173.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050410.D

Acq: 7 Aug 2018 3:03

Instrument :

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ClientSampleId :

CINNAMINSON-8-3-18

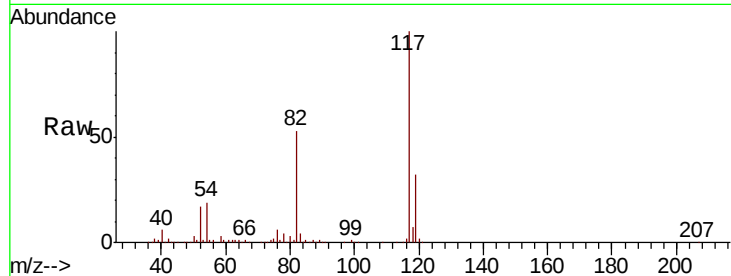
Tot Ion:117 Resp: 933148

Ion Ratio Lower Upper

117 100

82 53.0 43.7 65.5

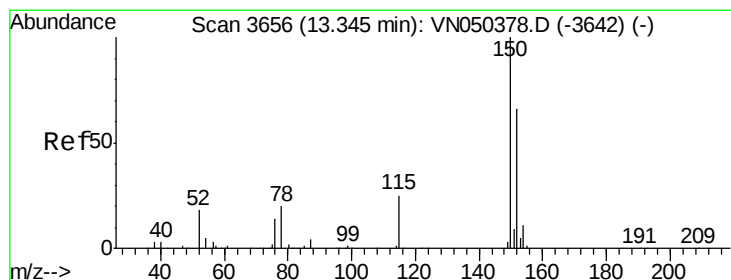
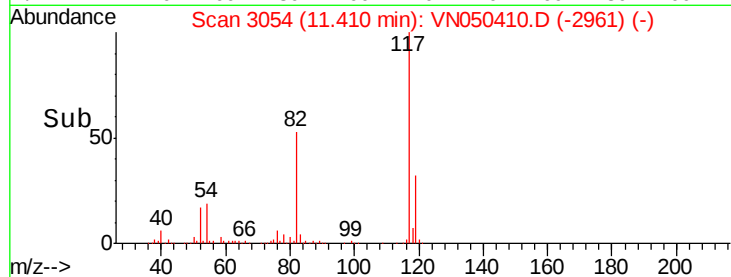
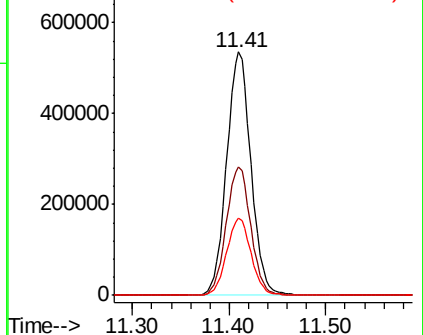
119 31.7 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050410.D

Acq: 7 Aug 2018 3:03

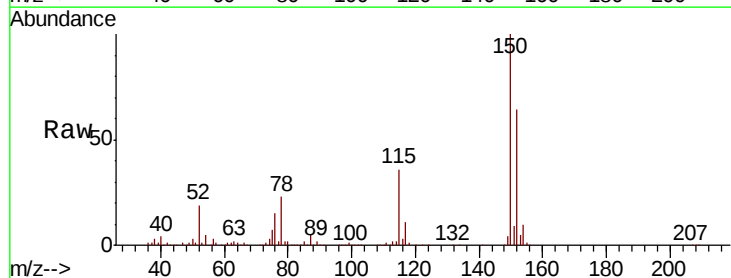
Tgt Ion:152 Resp: 365201

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

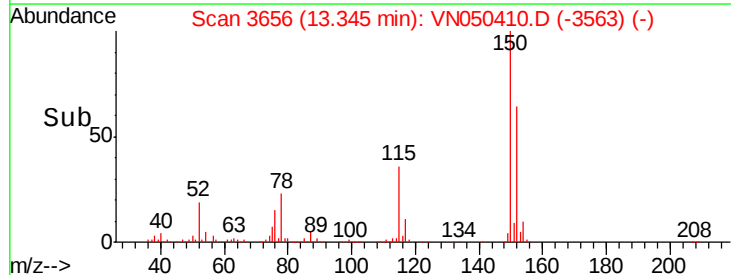
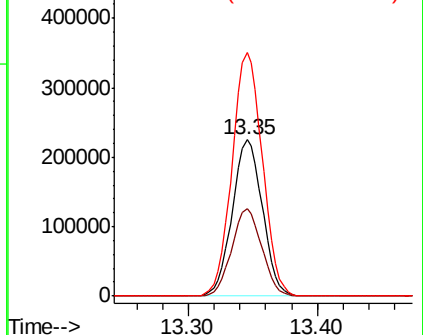
150 156.8 0.0 348.6

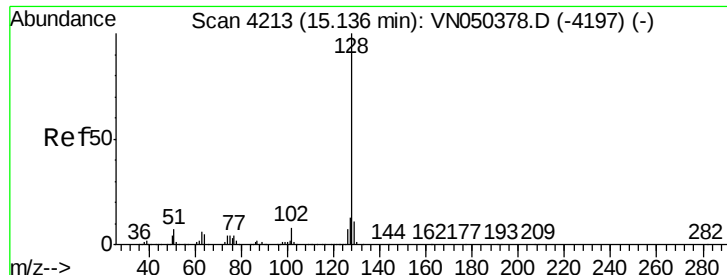


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.70 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050410.D

Acq: 7 Aug 2018 3:03

Instrument :

MSVOA_N

ClientSampleId :

CINNAMINSON-8-3-18

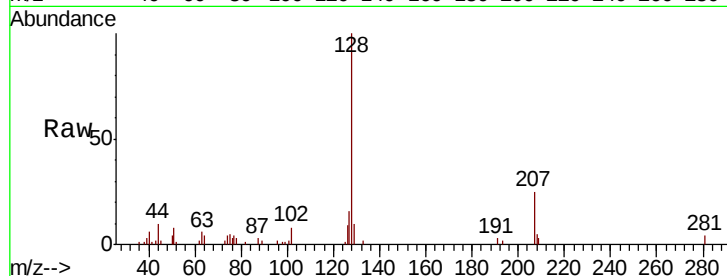
Tot Ion:128 Resp: 20527

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 10.4 8.8 13.2



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

