

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053890.D
 Acq On : 21 Feb 2019 14:16
 Operator : JC/SP
 Sample : K1344-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-B

Quant Time: Feb 22 01:27:05 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

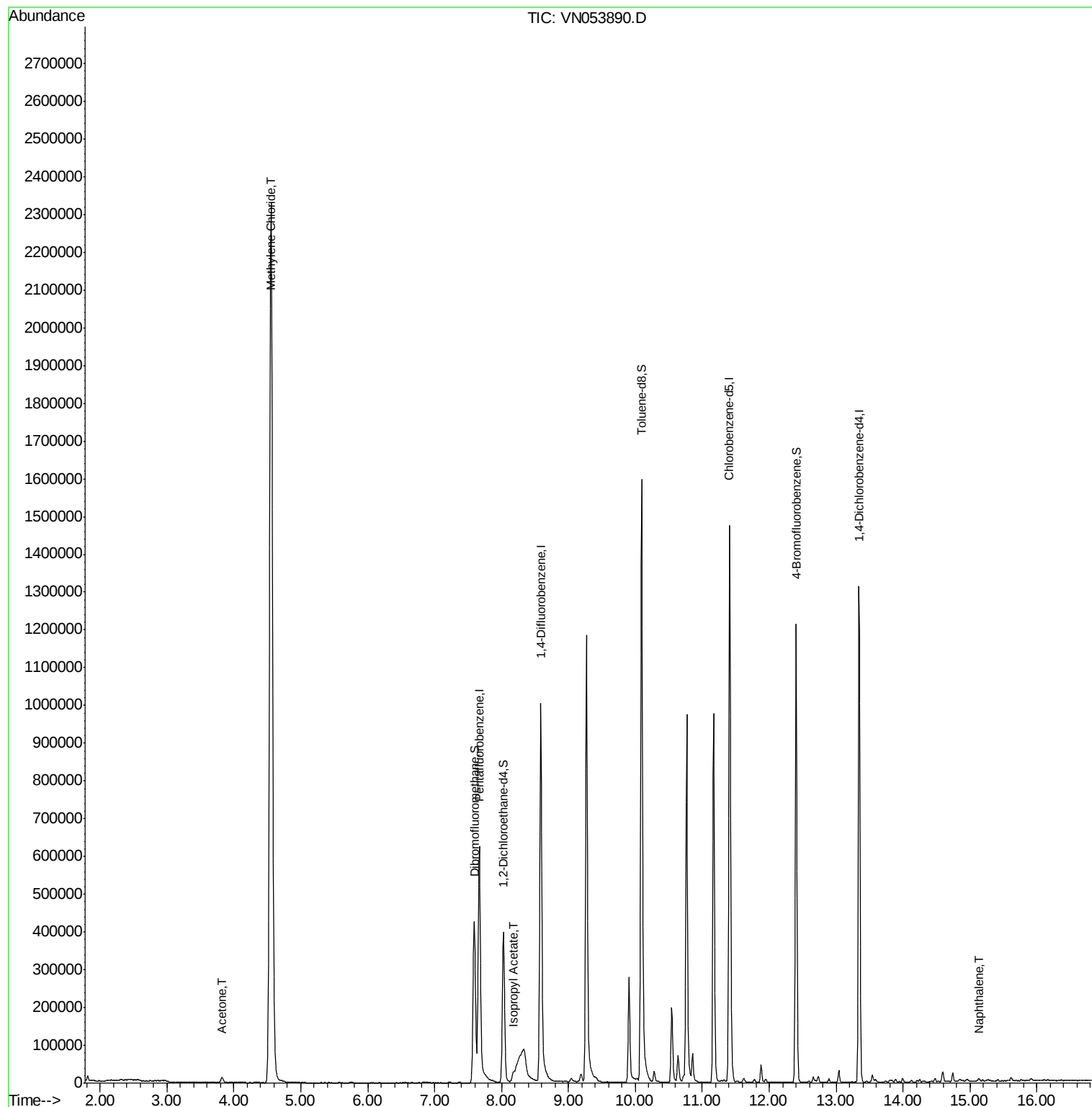
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1003147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	389889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	335811	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
35) Dibromofluoromethane	7.59	113	338738	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.09	98	1298312	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	422470	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
16) Acetone	3.82	43	23374	13.230	ug/l	95
20) Methylene Chloride	4.55	84	1895014	286.500	ug/l	99
43) Isopropyl Acetate	8.18	43	28618	2.777	ug/l #	90
95) Naphthalene	15.13	128	8000	5.082	ug/l #	93

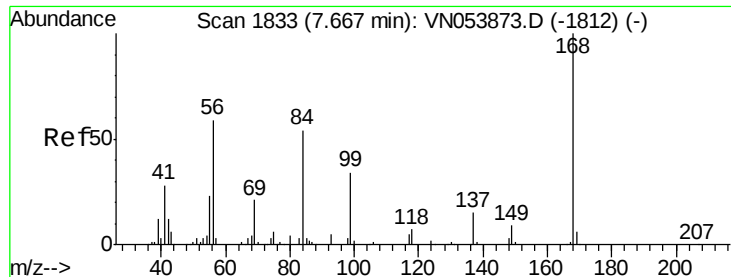
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 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: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampled :

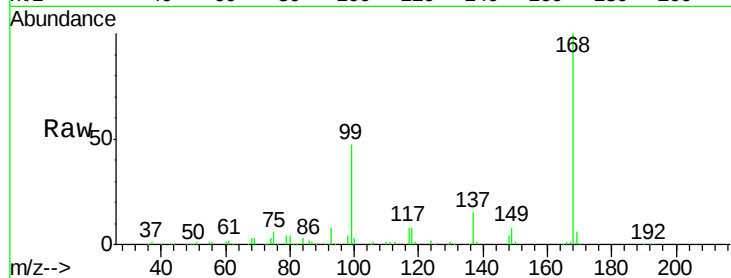
NB-07-022019-B

Tot Ion:168 Resp: 628584

Ion Ratio Lower Upper

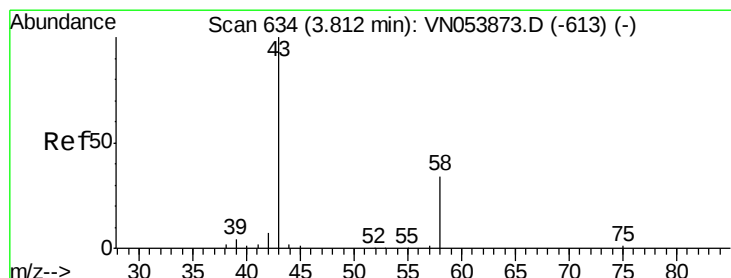
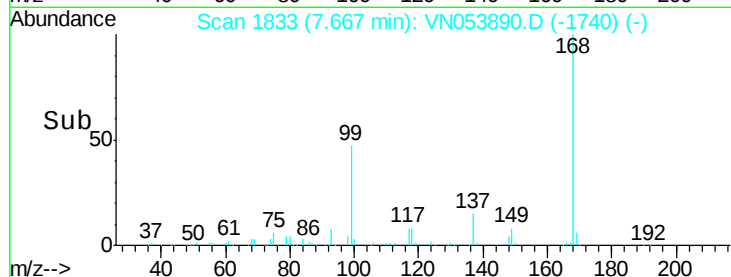
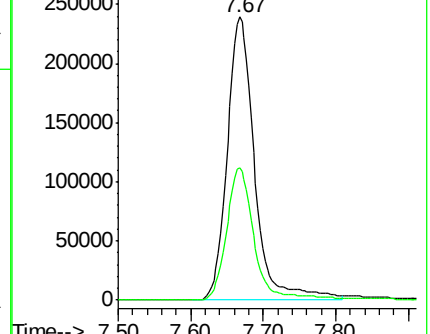
168 100

99 46.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 13.230 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053890.D

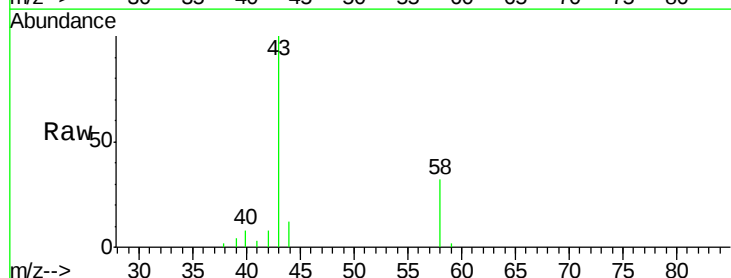
Acq: 21 Feb 2019 14:16

Tgt Ion: 43 Resp: 23374

Ion Ratio Lower Upper

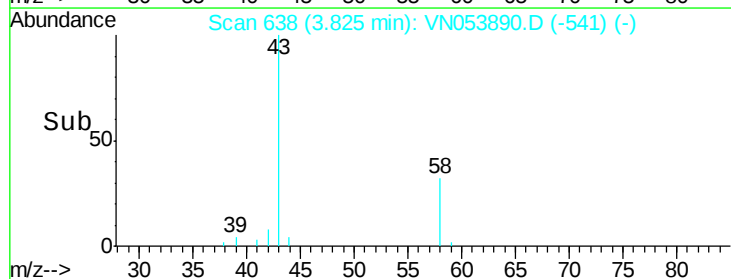
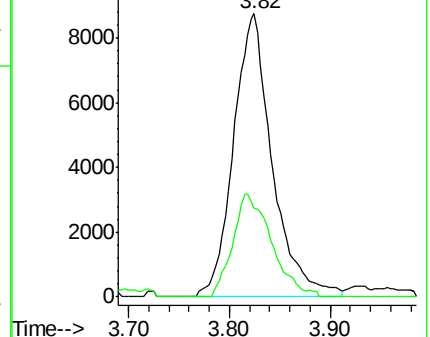
43 100

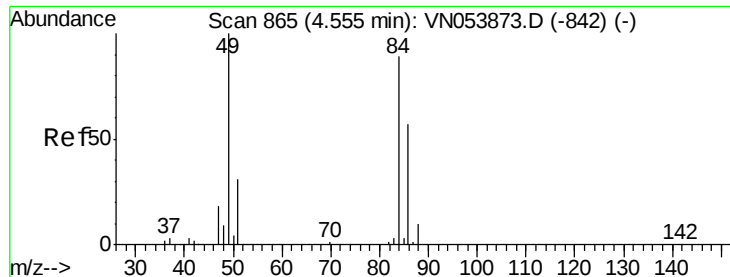
58 31.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



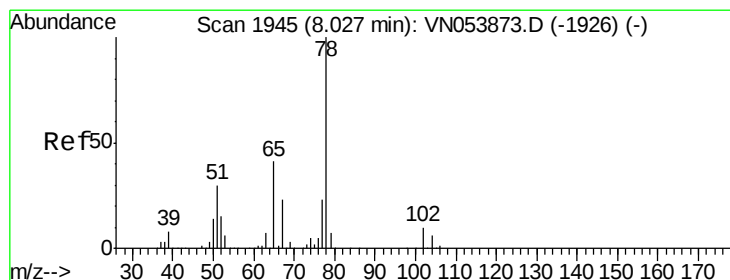
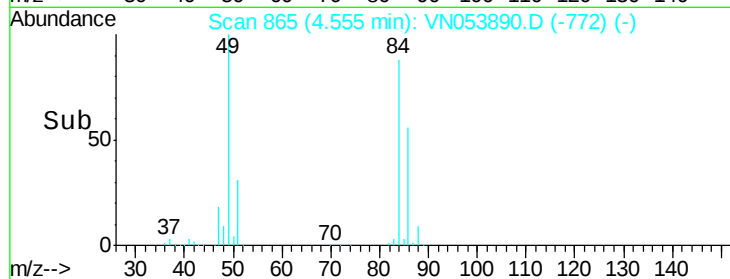
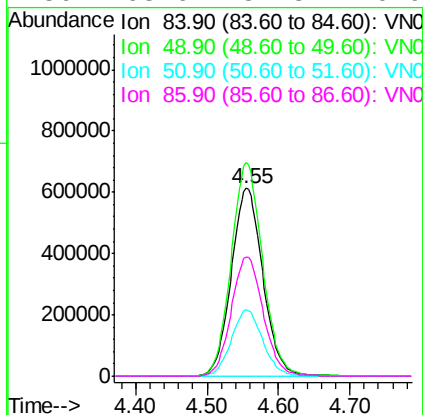
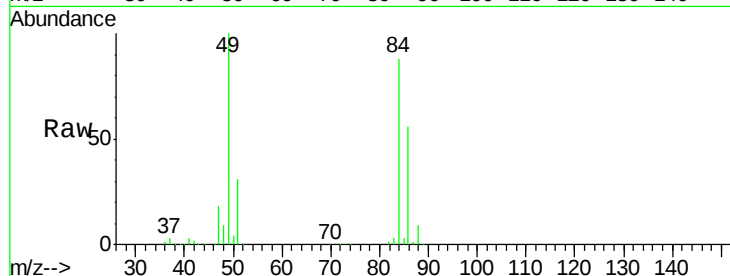


#20
Methvlene Chloride
Concen: 286.500 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Instrument :
MSVOA_N
ClientSampled :
NB-07-022019-B

Tot Ion: 84 Resp: 1895014

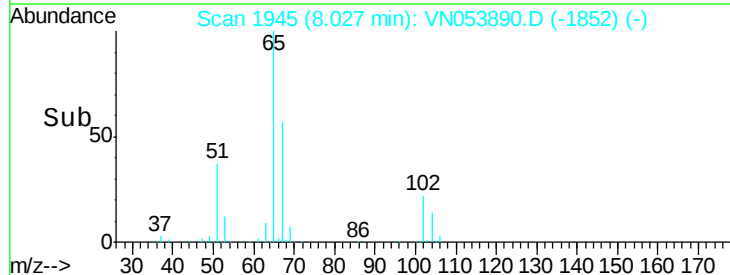
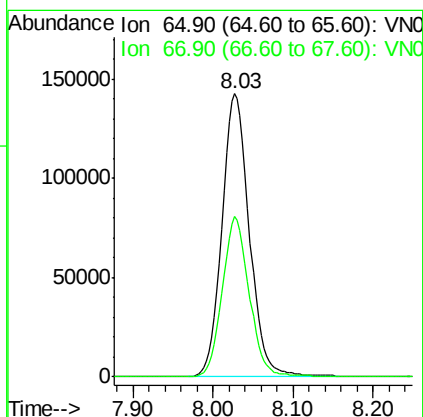
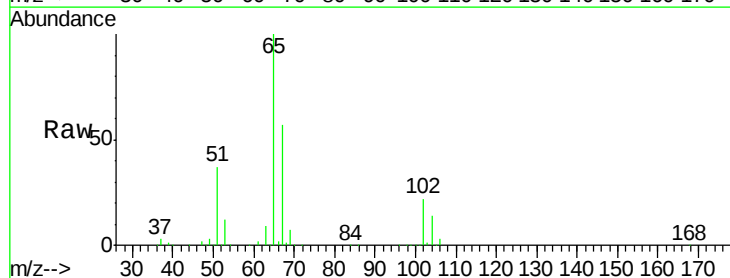
Ion	Ratio	Lower	Upper
84	100		
49	113.6	89.7	134.5
51	35.2	27.8	41.8
86	63.6	51.3	76.9

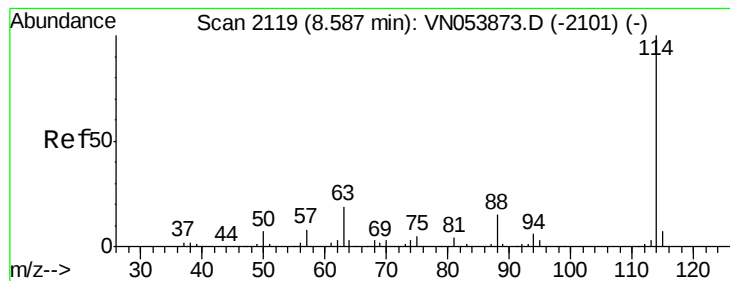


#33
1,2-Dichloroethane-d4
Concen: 52.274 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053890.D
Acq: 21 Feb 2019 14:16

Tgt Ion: 65 Resp: 335811

Ion	Ratio	Lower	Upper
65	100		
67	55.3	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: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

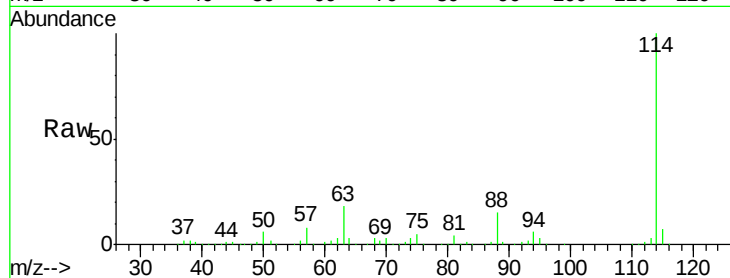
Tot Ion:114 Resp: 1054131

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

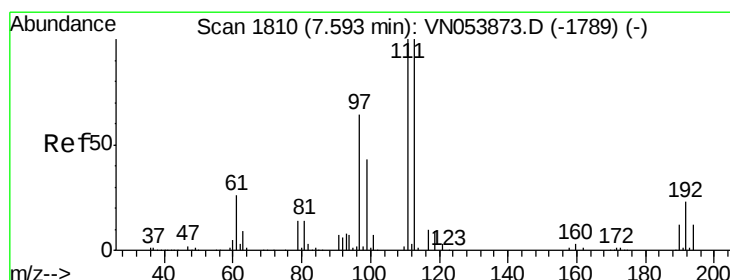
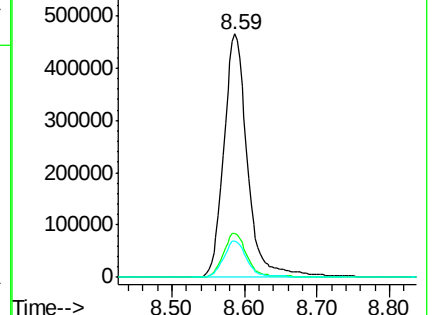
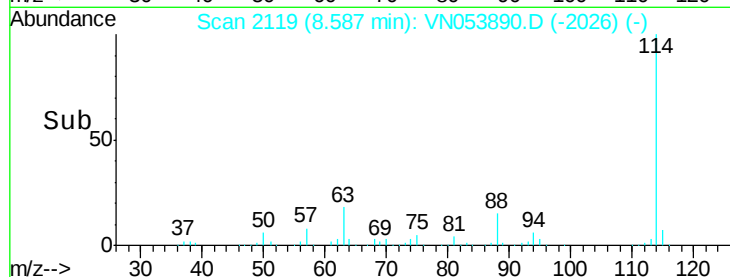
88 15.1 0.0 30.4



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: 48.964 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

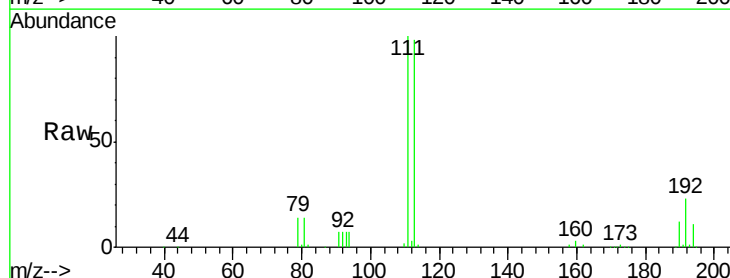
Tgt Ion:113 Resp: 338738

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

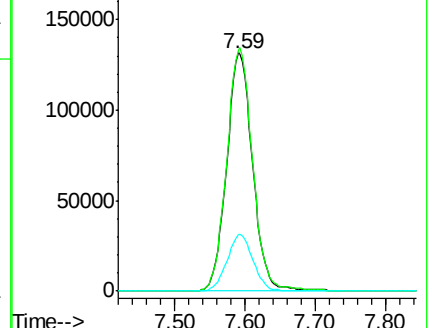
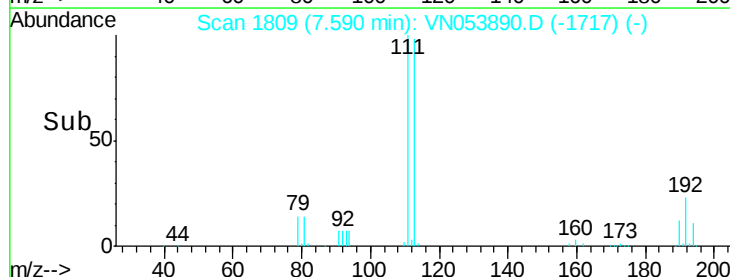
192 23.8 18.8 28.2

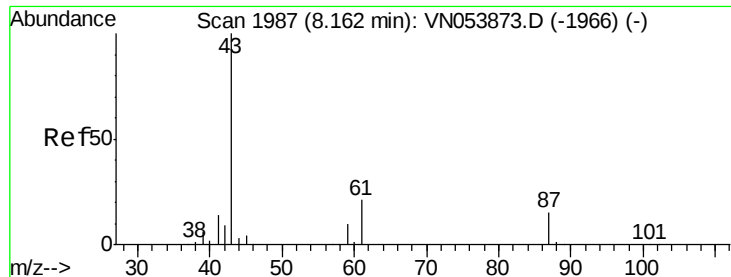


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.777 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

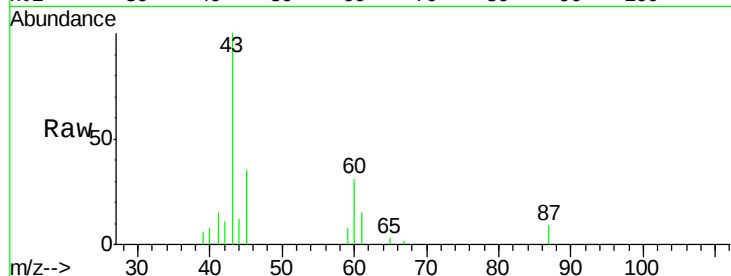
Tot Ion: 43 Resp: 28618

Ion Ratio Lower Upper

43 100

61 17.2 17.4 26.0#

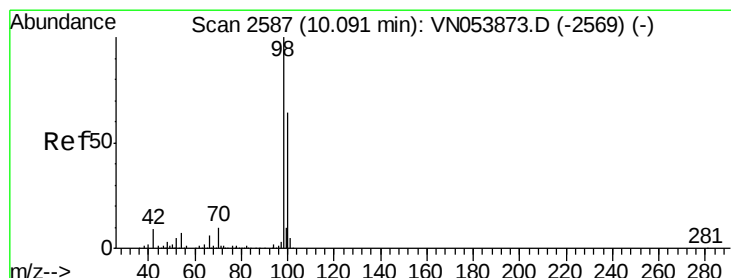
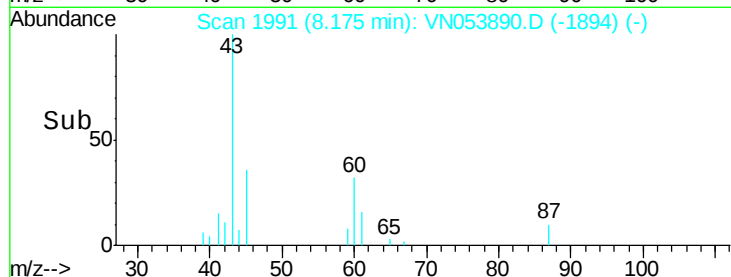
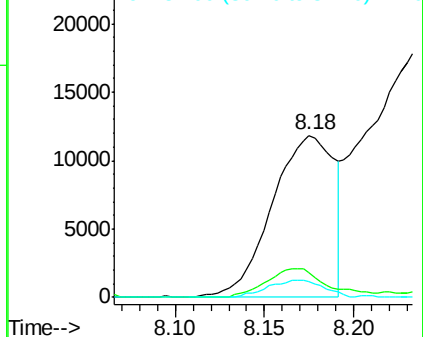
87 9.5 11.5 17.3#



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: 51.961 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053890.D

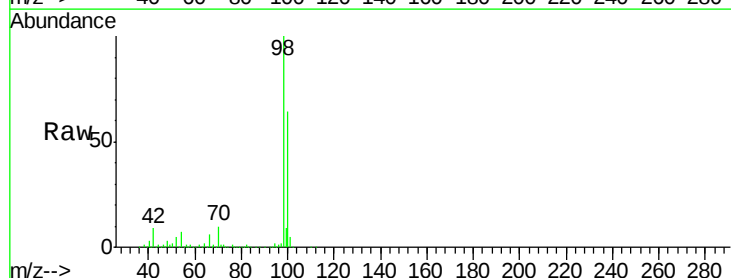
Acq: 21 Feb 2019 14:16

Tgt Ion: 98 Resp: 1298312

Ion Ratio Lower Upper

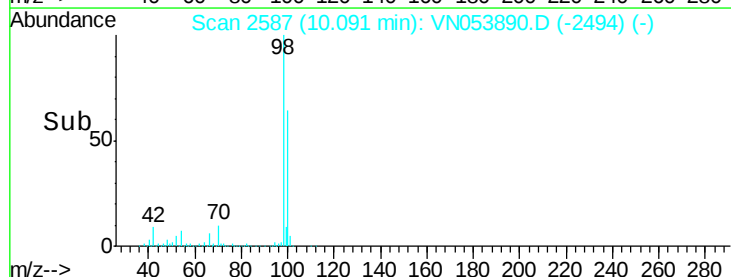
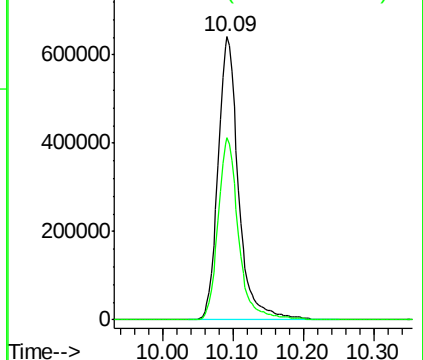
98 100

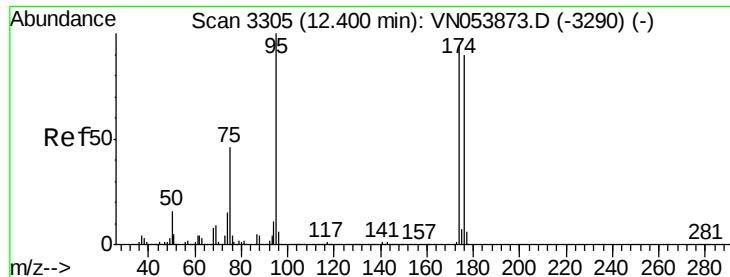
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.215 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

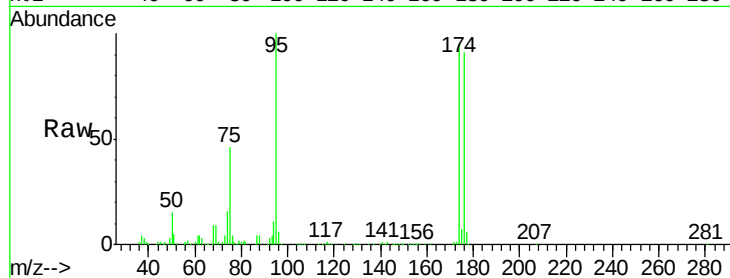
Tot Ion: 95 Resp: 422470

Ion Ratio Lower Upper

95 100

174 96.0 0.0 188.8

176 92.5 0.0 182.6

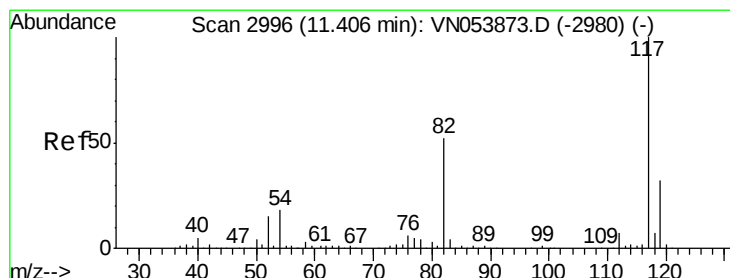
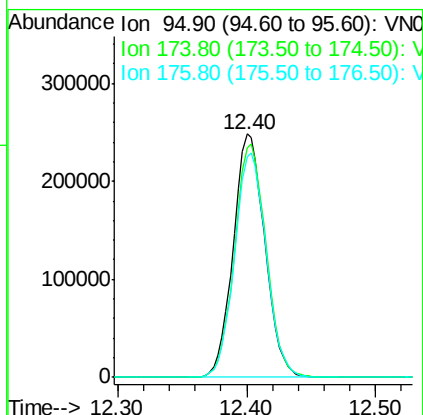
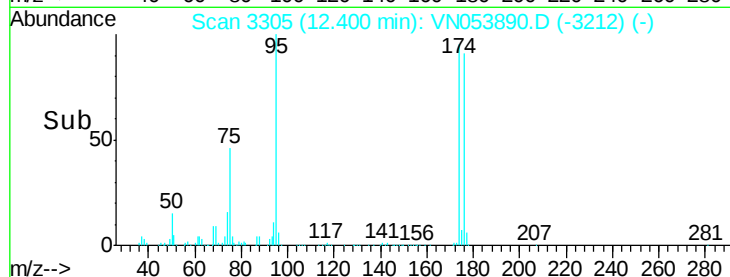


Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

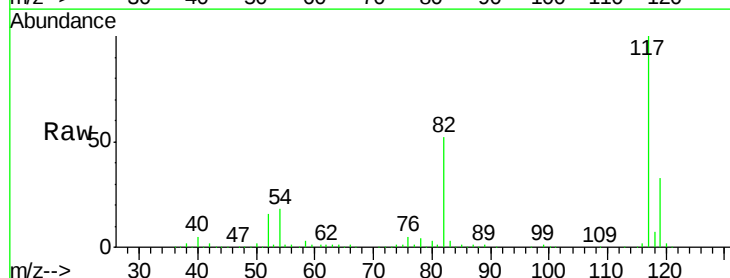
Tgt Ion: 117 Resp: 1003147

Ion Ratio Lower Upper

117 100

82 52.1 41.4 62.2

119 32.7 25.3 37.9

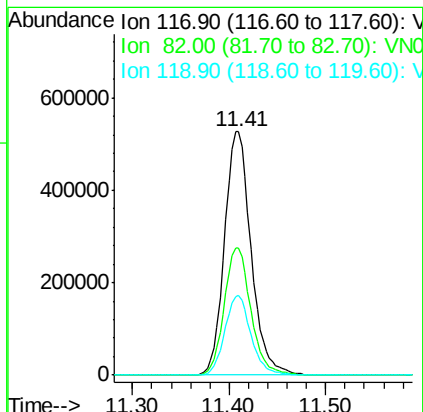
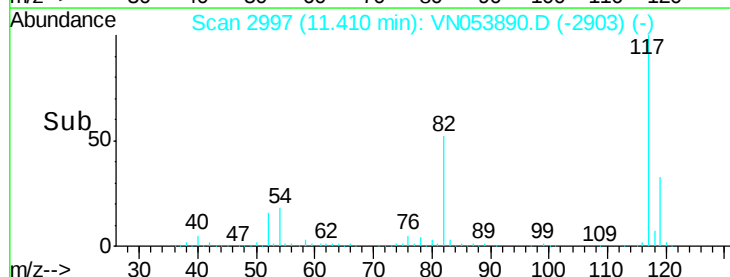


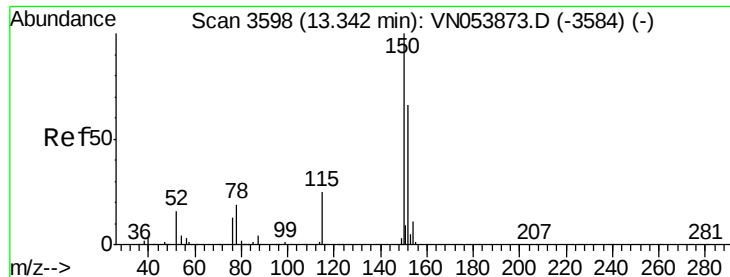
Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

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

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

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-B

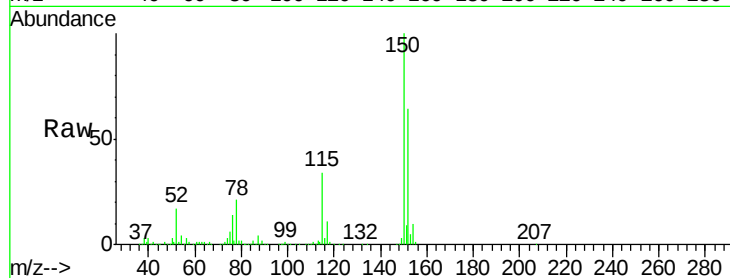
Tot Ion:152 Resp: 389889

Ion Ratio Lower Upper

152 100

115 54.1 27.2 81.6

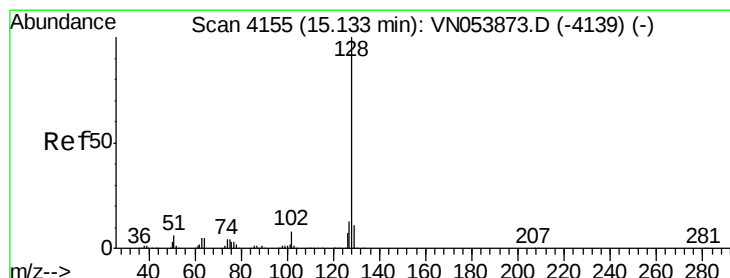
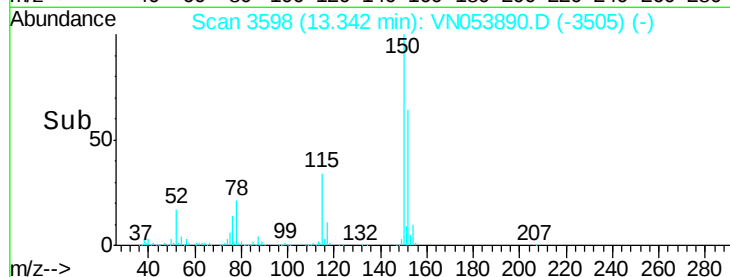
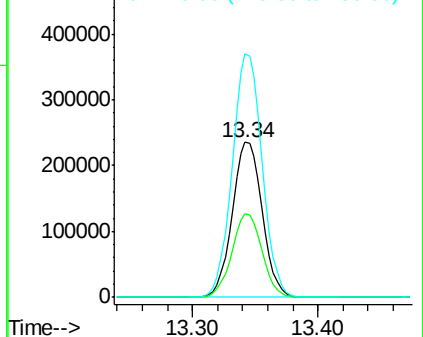
150 156.5 0.0 348.2



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



#95

Naphthalene

Concen: 5.082 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053890.D

Acq: 21 Feb 2019 14:16

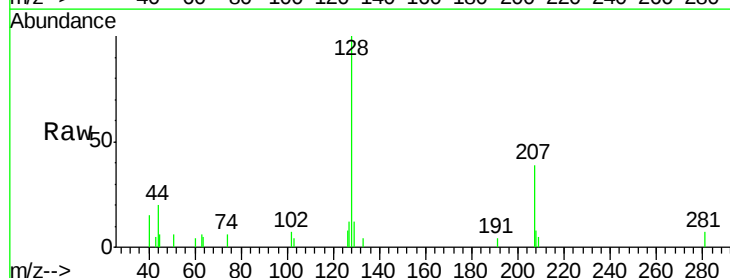
Tgt Ion:128 Resp: 8000

Ion Ratio Lower Upper

128 100

127 8.5 10.2 15.2#

129 9.6 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

