

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053700.D
 Acq On : 11 Feb 2019 13:13
 Operator : JC/SP
 Sample : K1356-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-020819-A

Quant Time: Feb 11 22:41:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

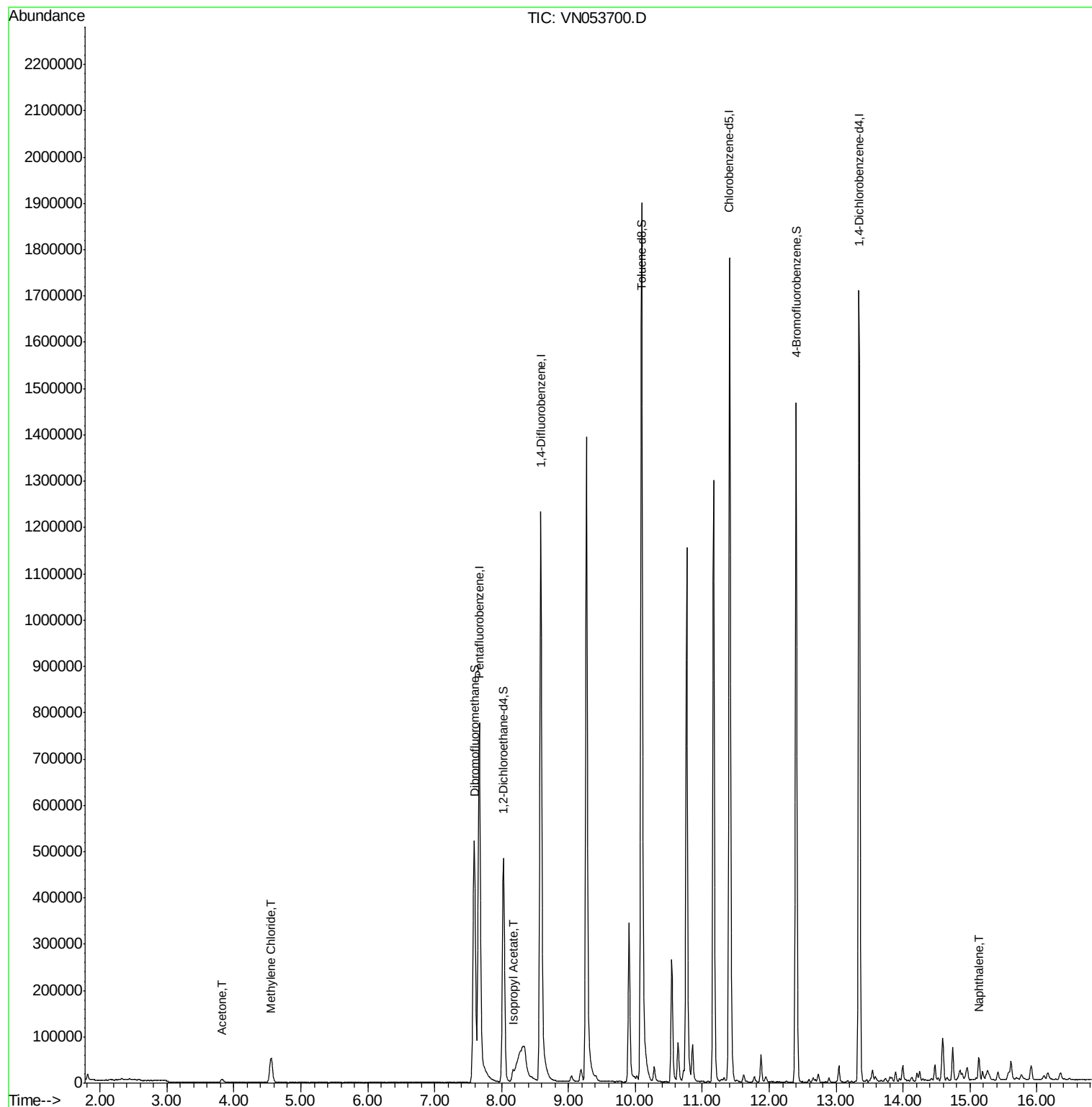
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	781005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1301172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1189329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	504749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	416390	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	409386	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.09	98	1570534	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	523740	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
Target Compounds						
16) Acetone	3.83	43	13527	6.731	ug/l	90
20) Methylene Chloride	4.55	84	42869	5.084	ug/l	96
43) Isopropyl Acetate	8.17	43	30887	2.441	ug/l #	83
95) Naphthalene	15.13	128	45347	3.710	ug/l	99

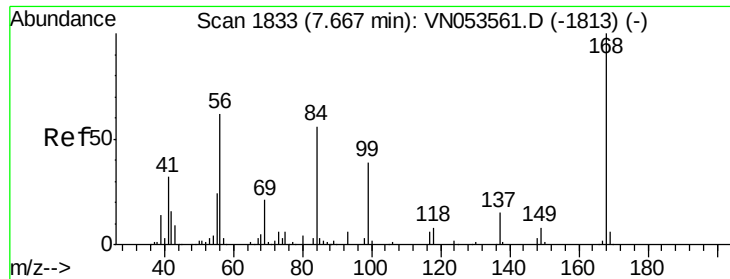
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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QLast Update : Fri Feb 01 09:11:52 2019
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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: VN053700.D

Acq: 11 Feb 2019 13:13

Instrument :

MSVOA_N

ClientSampleId :

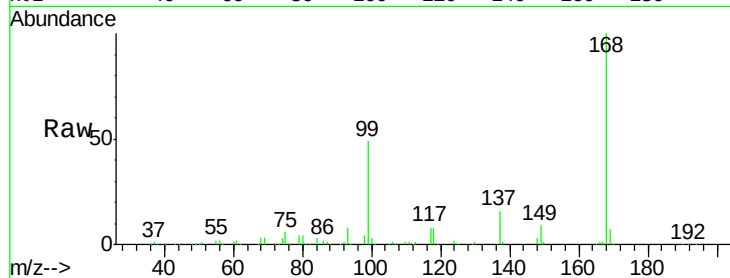
SU-03-020819-A

Tot Ion:168 Resp: 781005

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

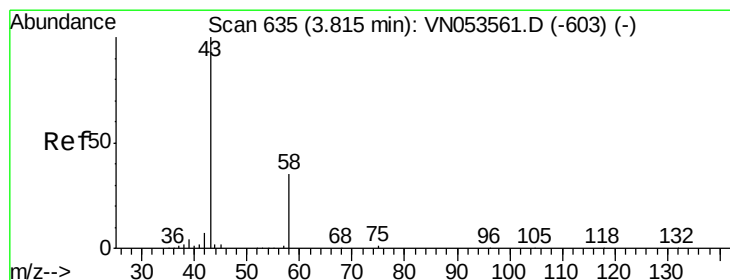
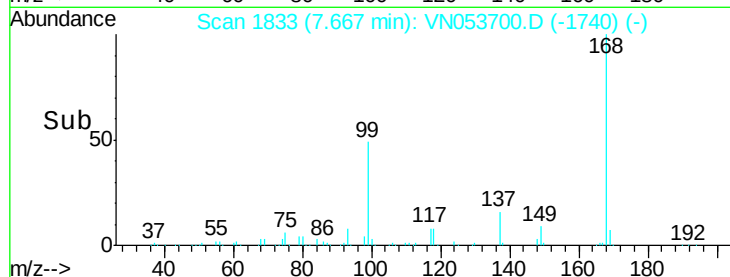
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.731 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN053700.D

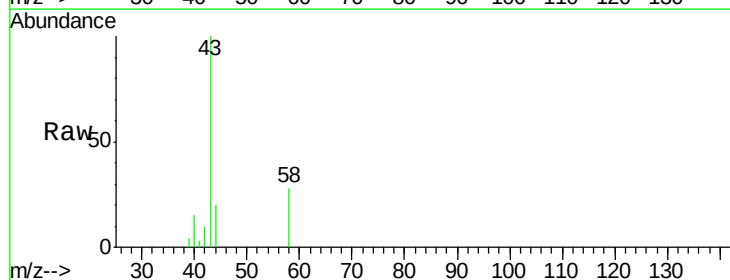
Acq: 11 Feb 2019 13:13

Tgt Ion: 43 Resp: 13527

Ion Ratio Lower Upper

43 100

58 28.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

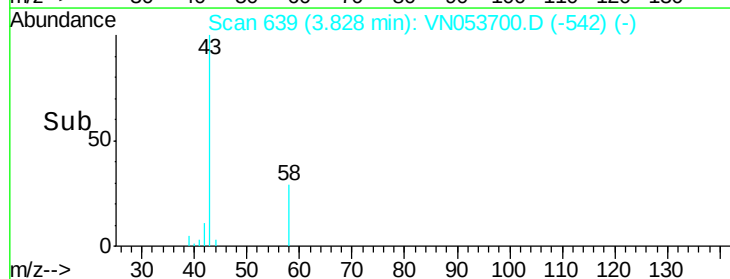
3000

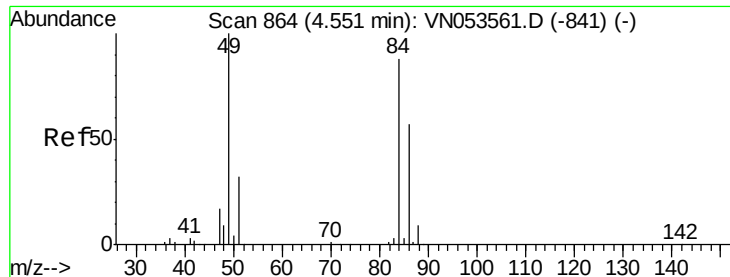
2000

1000

0

Time-->

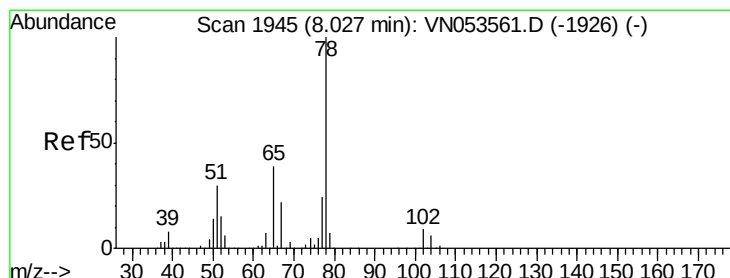
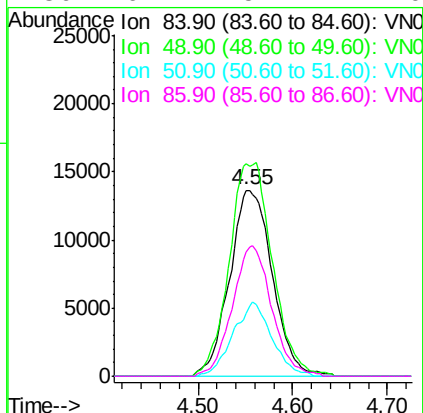
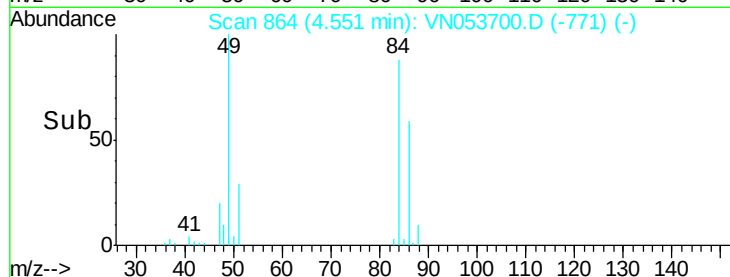
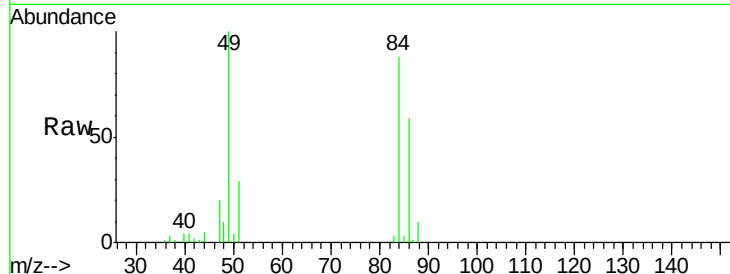




#20
Methvlene Chloride
Concen: 5.084 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053700.D
Acq: 11 Feb 2019 13:13

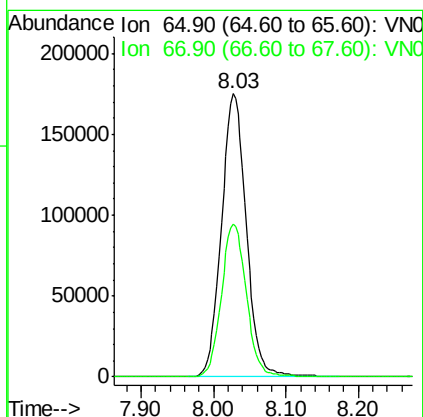
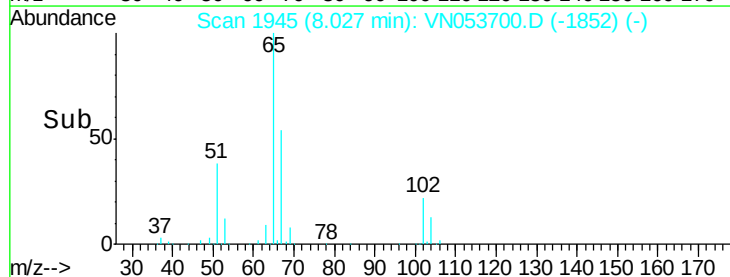
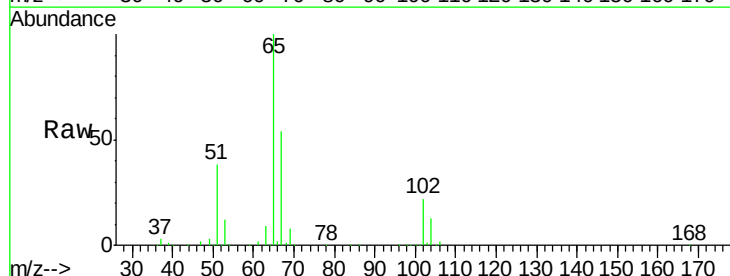
Instrument :
MSVOA_N
ClientSampleId :
SU-03-020819-A

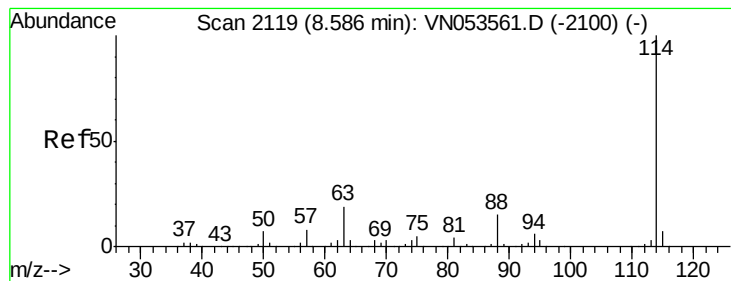
Tot Ion:	84	Resp:	42869
Ion	Ratio	Lower	Upper
84	100		
49	114.1	94.3	141.5
51	33.6	29.4	44.2
86	67.2	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.145 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053700.D
Acq: 11 Feb 2019 13:13

Tgt Ion:	65	Resp:	416390
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-A

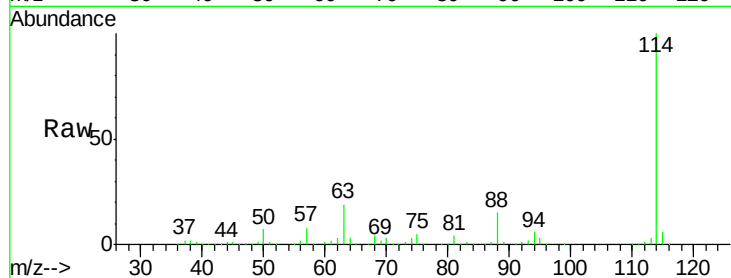
Tot Ion:114 Resp: 1301172

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

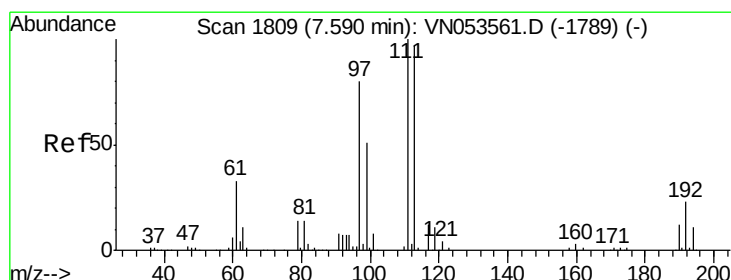
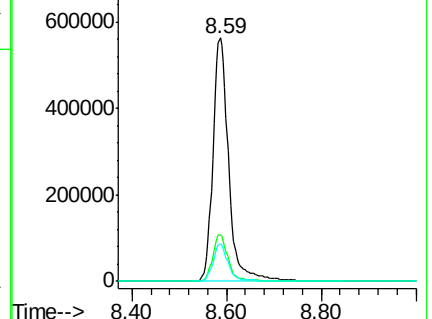
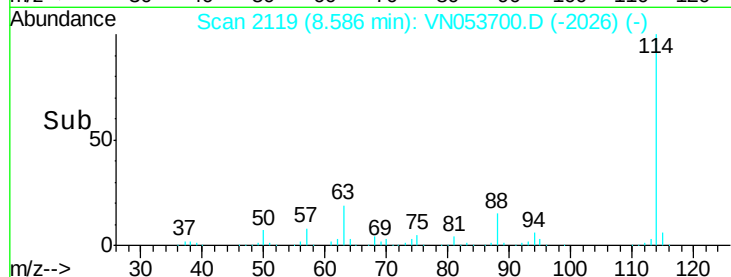
88 15.2 0.0 30.4



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: 49.793 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

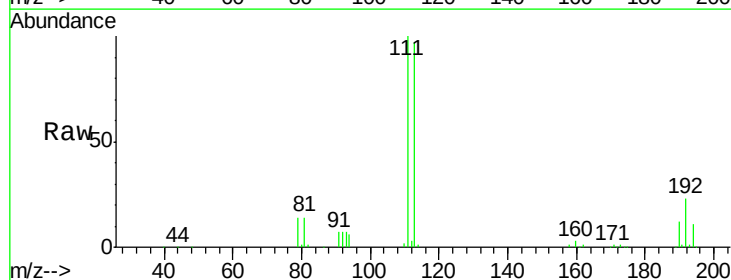
Tgt Ion:113 Resp: 409386

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

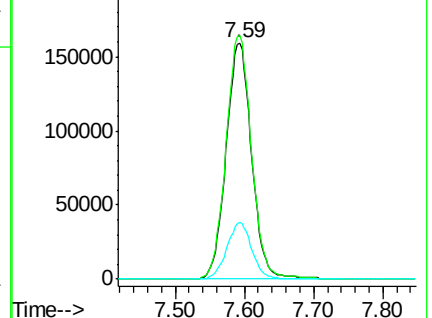
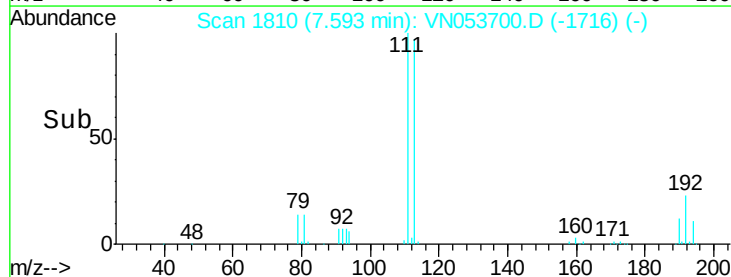
192 23.4 18.2 27.2

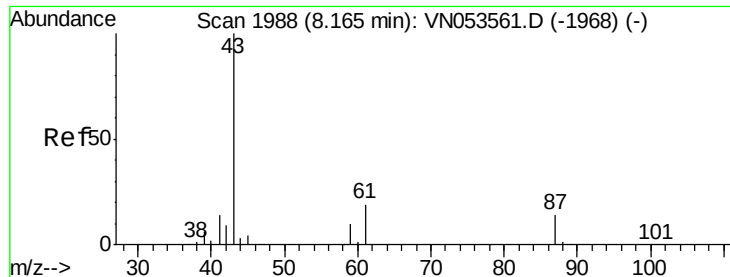


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.441 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-A

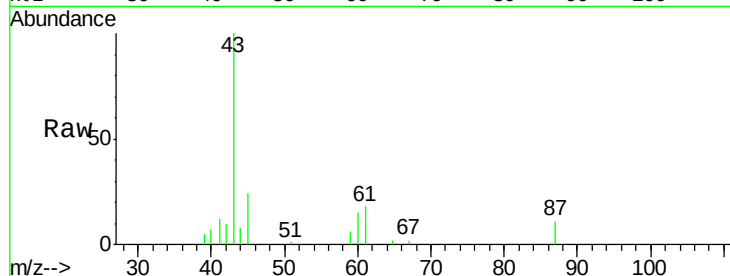
Tot Ion: 43 Resp: 30887

Ion Ratio Lower Upper

43 100

61 18.5 23.9 35.9#

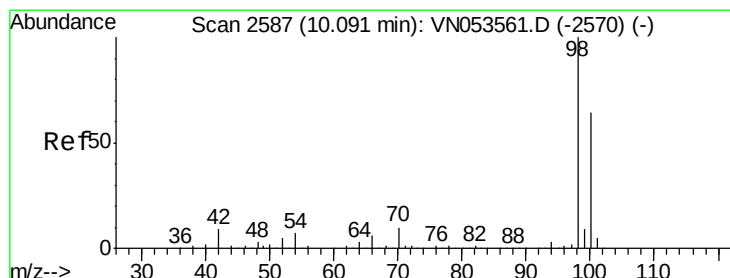
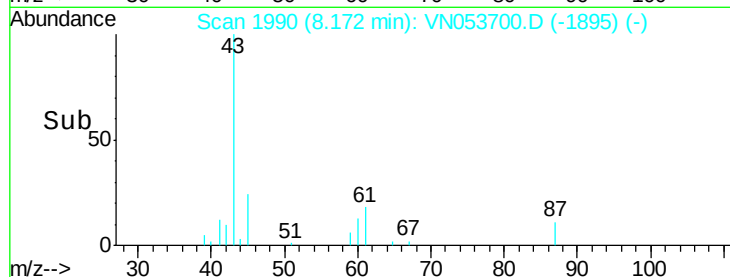
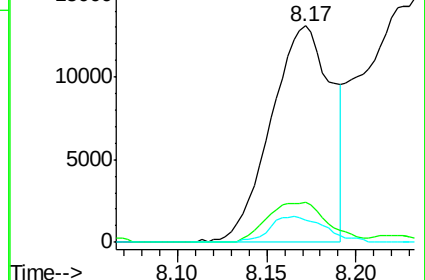
87 11.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053700.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN053700.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN053700.D (-1990) (-)



#50

Toluene-d8

Concen: 50.874 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053700.D

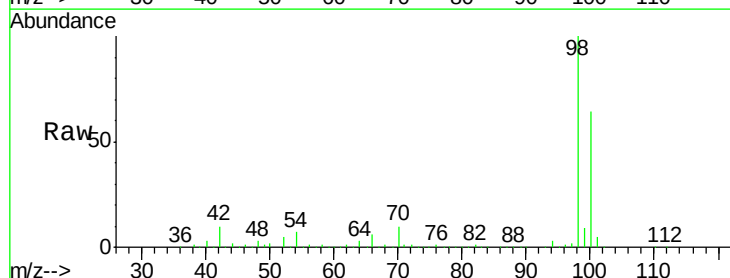
Acq: 11 Feb 2019 13:13

Tgt Ion: 98 Resp: 1570534

Ion Ratio Lower Upper

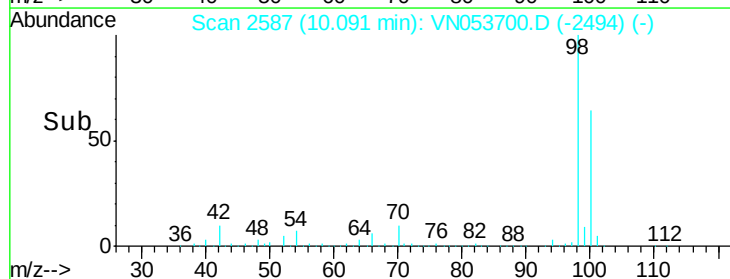
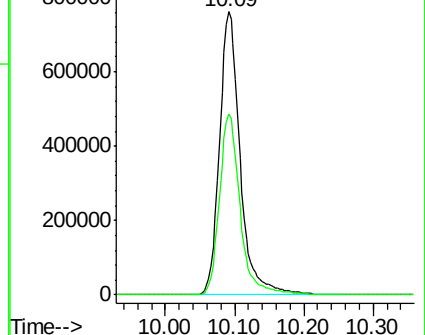
98 100

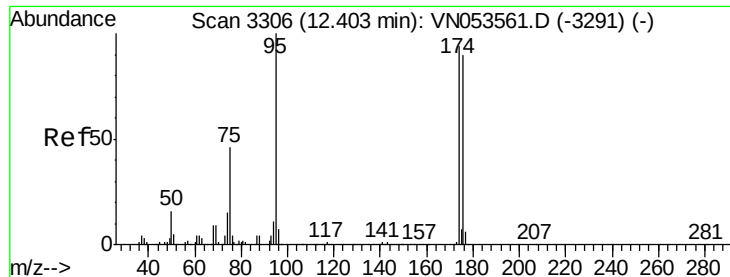
100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053700.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN053700.D (-2587) (-)





#62

4-Bromofluorobenzene

Concen: 50.868 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

Instrument :

MSVOA_N

ClientSampleId :

SU-03-020819-A

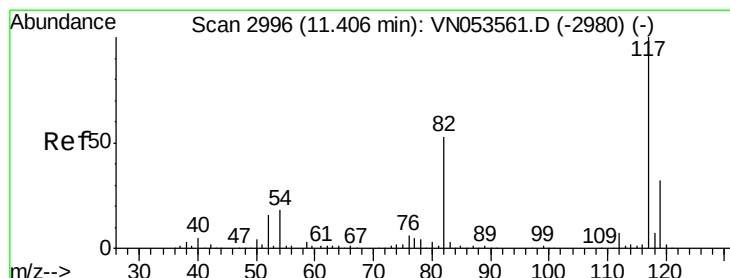
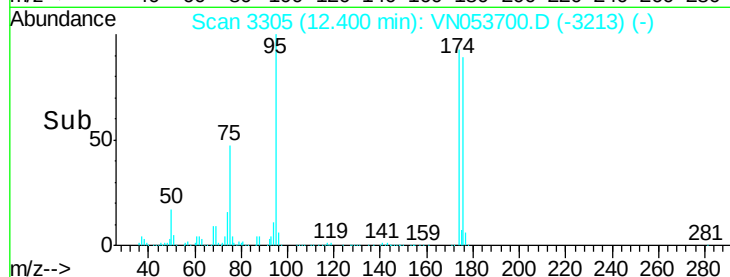
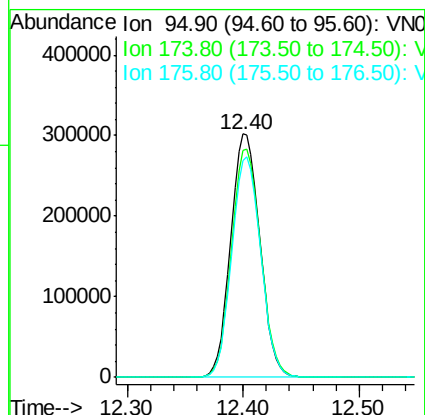
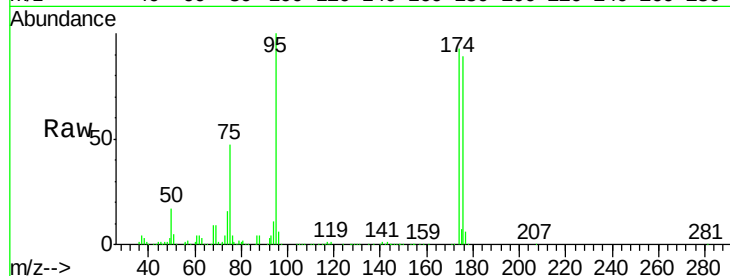
Tot Ion: 95 Resp: 523740

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

176 89.8 0.0 177.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

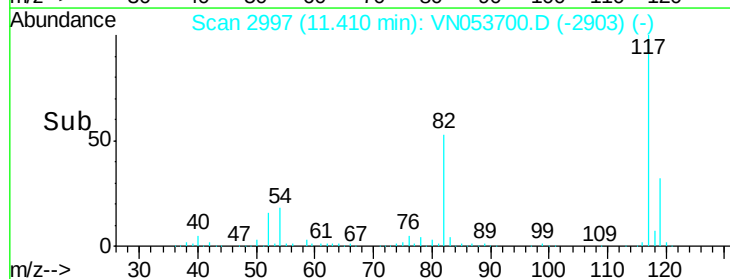
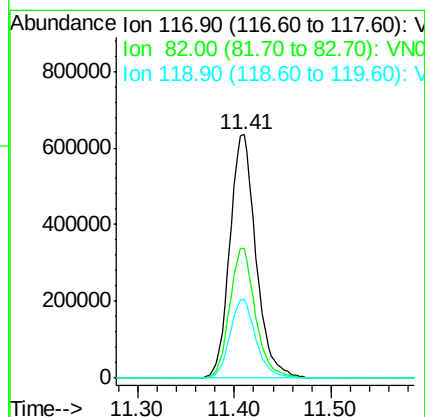
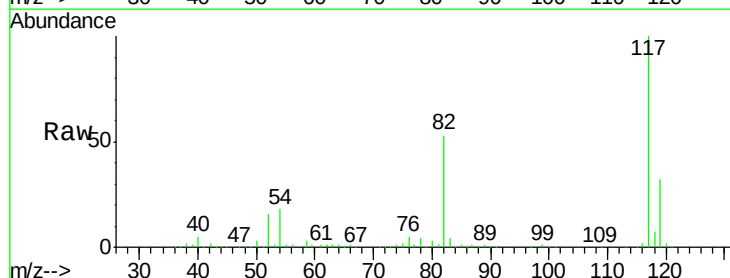
Tgt Ion: 117 Resp: 1189329

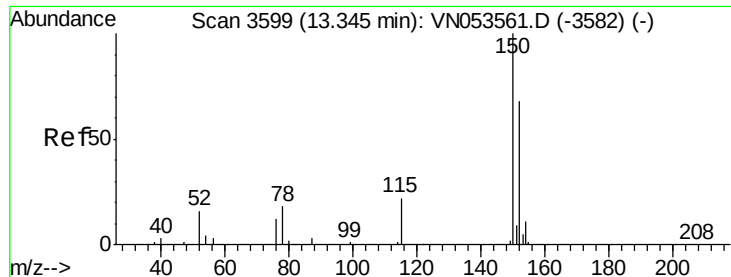
Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

Instrument :

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SU-03-020819-A

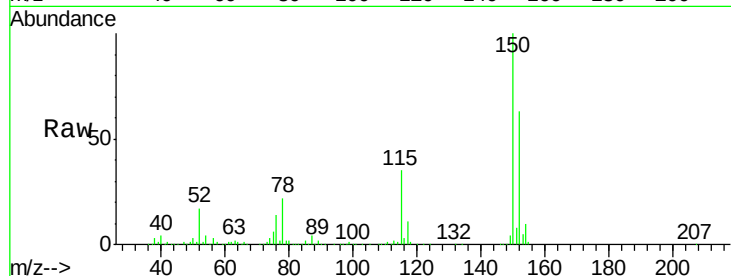
Tot Ion:152 Resp: 504749

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

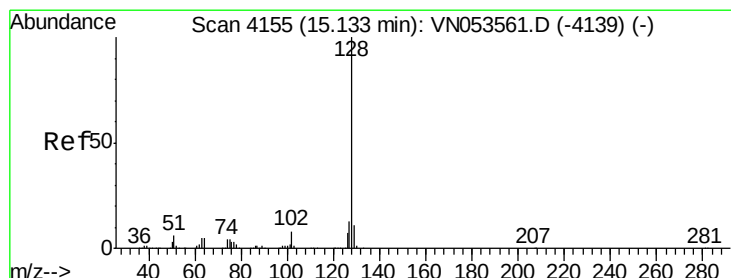
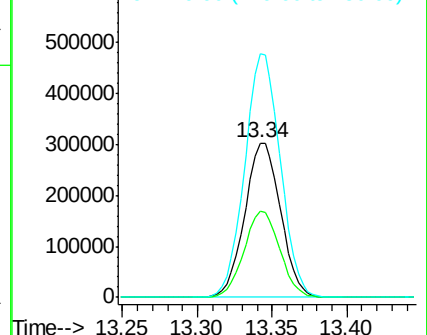
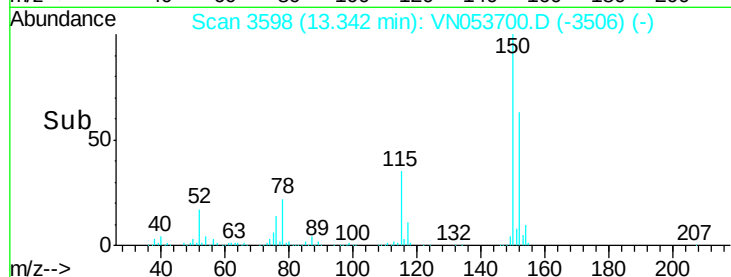
150 156.9 0.0 349.0



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: 3.710 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053700.D

Acq: 11 Feb 2019 13:13

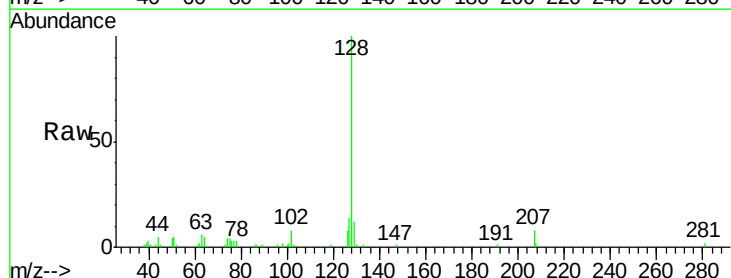
Tgt Ion:128 Resp: 45347

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.6 13.0



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

