

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053711.D
 Acq On : 11 Feb 2019 18:07
 Operator : JC/SP
 Sample : K1453-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-9-D

Quant Time: Feb 11 23:12:17 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

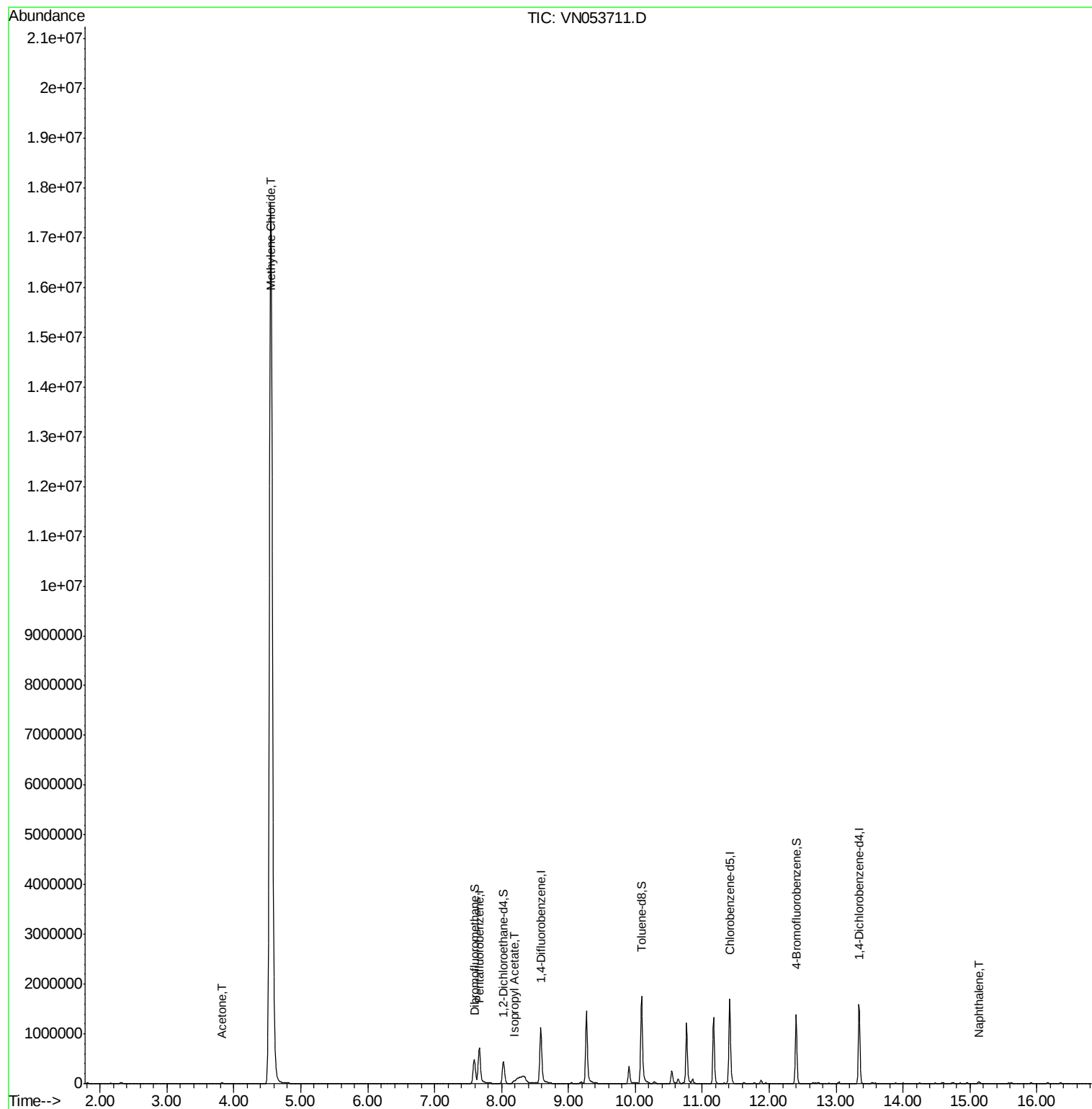
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	709364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1195181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1117735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	467299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384986	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.59	113	376928	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.09	98	1460119	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.40	95	490294	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
16) Acetone	3.82	43	20736	11.360	ug/l	97
20) Methylene Chloride	4.55	84	14424592	1883.581	ug/l	100
43) Isopropyl Acetate	8.18	43	41397	3.562	ug/l #	76
95) Naphthalene	15.13	128	25499	2.935	ug/l	99

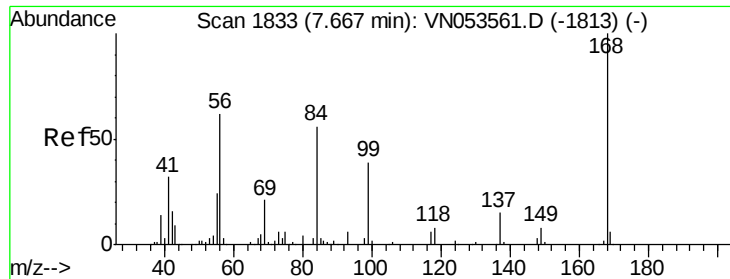
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053711.D
Acq On : 11 Feb 2019 18:07
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Sample : K1453-16
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MSVOA_N
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M-9-D

Quant Time: Feb 11 23:12:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053711.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_N

ClientSampled :

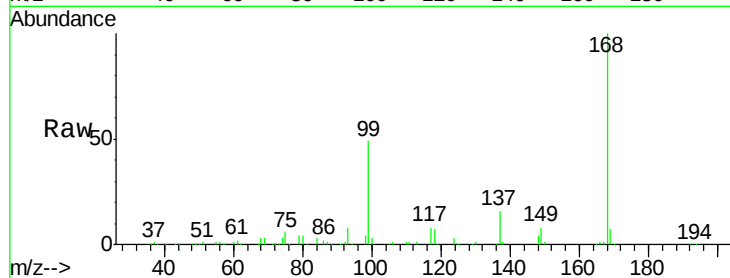
M-9-D

Tot Ion:168 Resp: 709364

Ion Ratio Lower Upper

168 100

99 48.7 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

250000

200000

150000

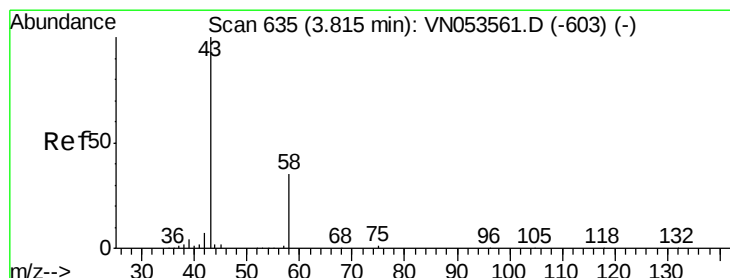
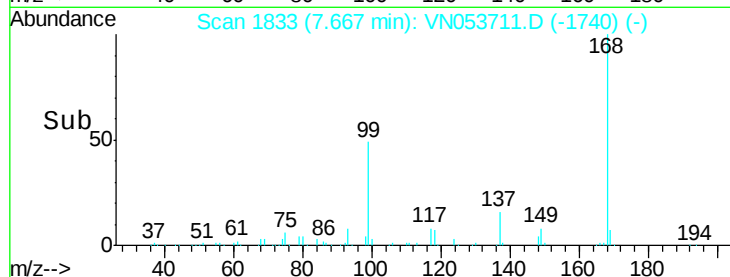
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.360 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053711.D

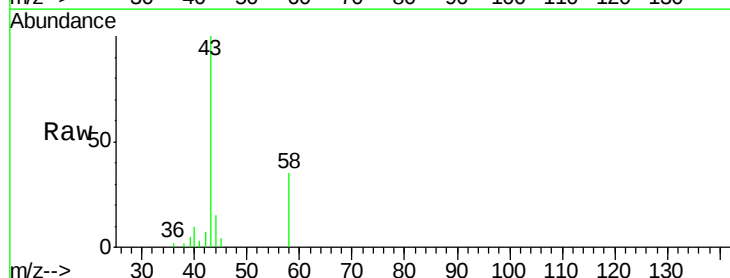
Acq: 11 Feb 2019 18:07

Tgt Ion: 43 Resp: 20736

Ion Ratio Lower Upper

43 100

58 35.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

6000

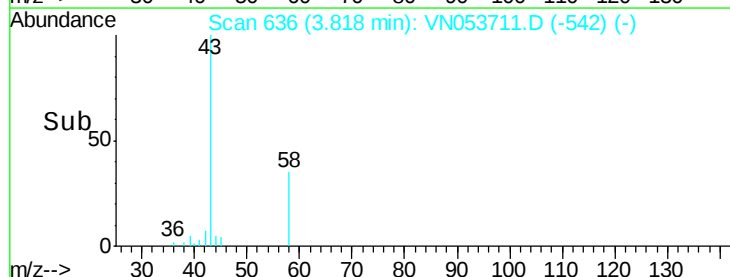
4000

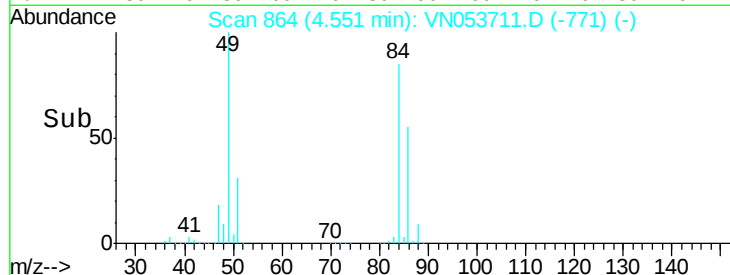
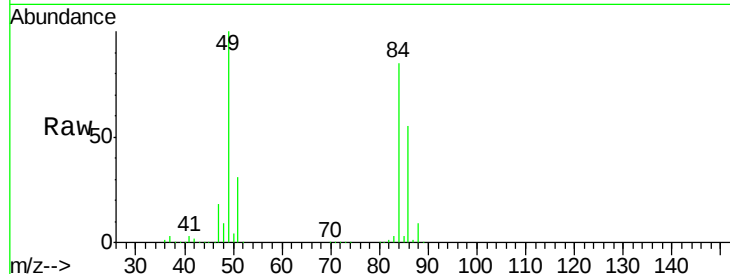
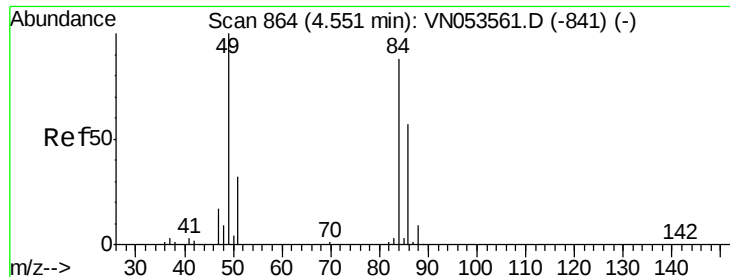
2000

0

3.70 3.80 3.90

Time-->



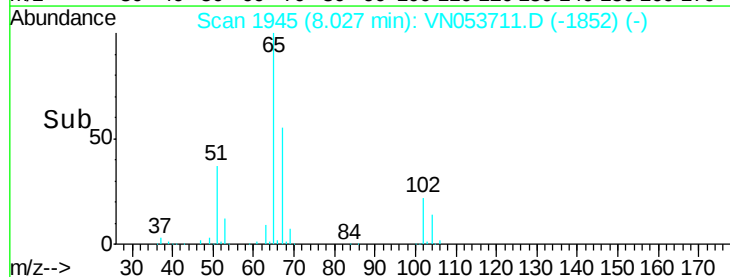
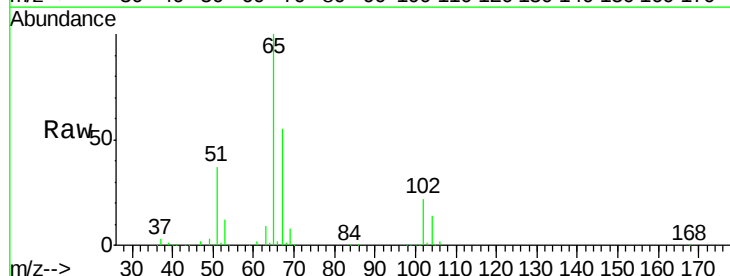
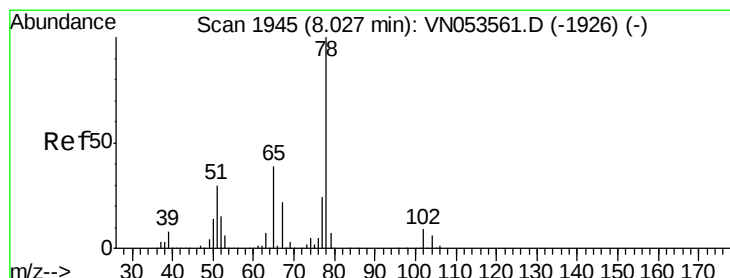
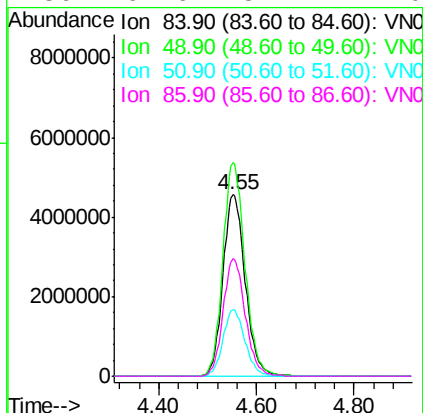


#20
Methvlene Chloride
Concen: 1883.581 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053711.D
Acq: 11 Feb 2019 18:07

Instrument :
MSVOA_N
ClientSampled :
M-9-D

Tot Ion: 84 Resp:14424592

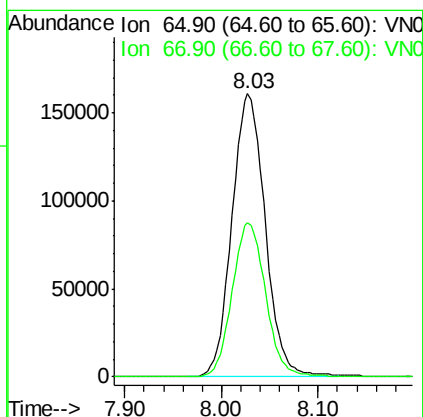
Ion	Ratio	Lower	Upper
84	100		
49	117.8	94.3	141.5
51	36.6	29.4	44.2
86	64.6	51.4	77.0

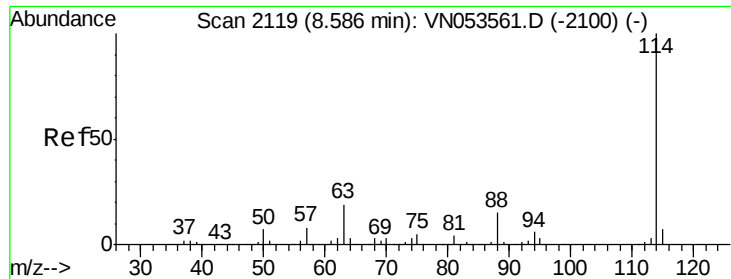


#33
1,2-Dichloroethane-d4
Concen: 54.099 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053711.D
Acq: 11 Feb 2019 18:07

Tgt Ion: 65 Resp: 384986

Ion	Ratio	Lower	Upper
65	100		
67	54.6	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: VN053711.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

M-9-D

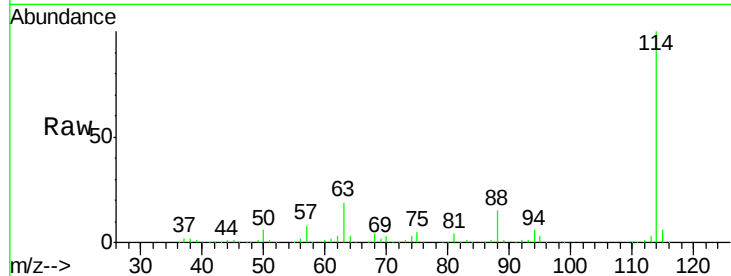
Tot Ion:114 Resp: 1195181

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

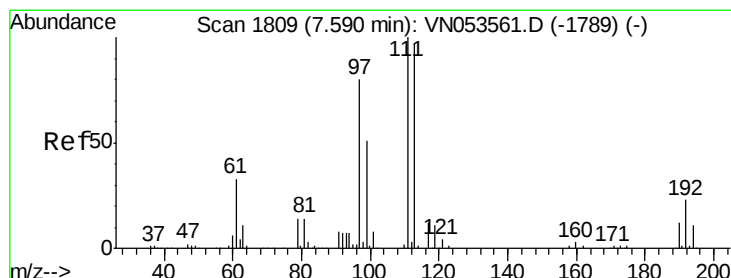
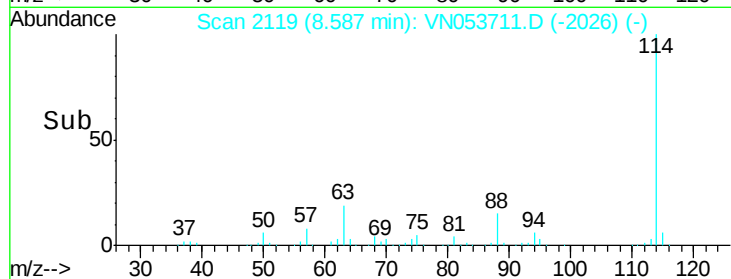
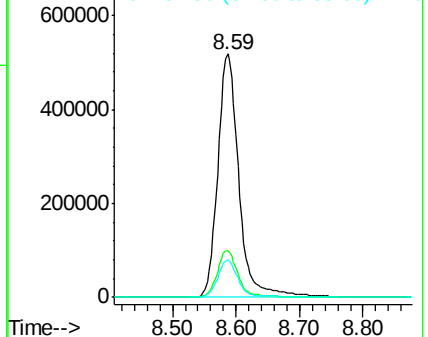
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.911 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053711.D

Acq: 11 Feb 2019 18:07

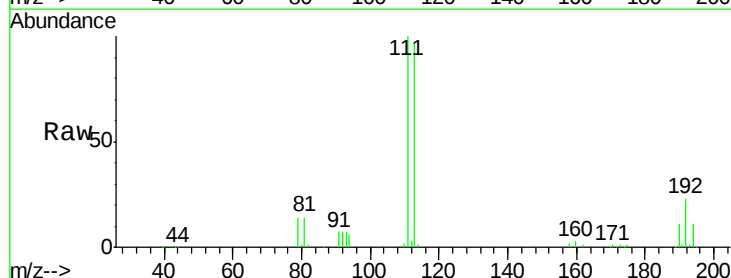
Tgt Ion:113 Resp: 376928

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

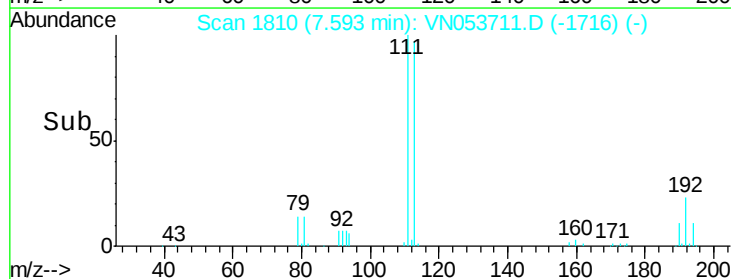
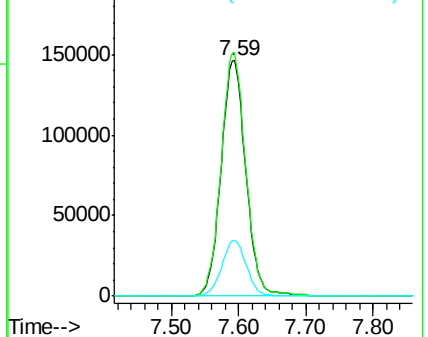
192 23.5 18.2 27.2

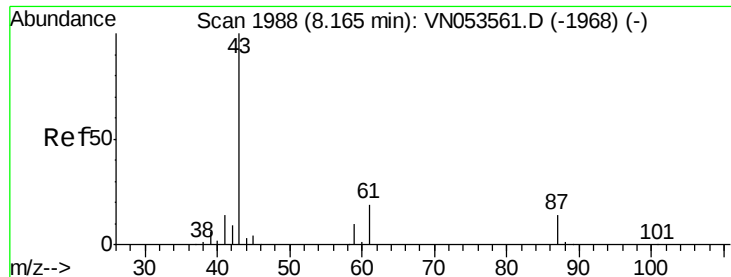


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.562 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053711.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

M-9-D

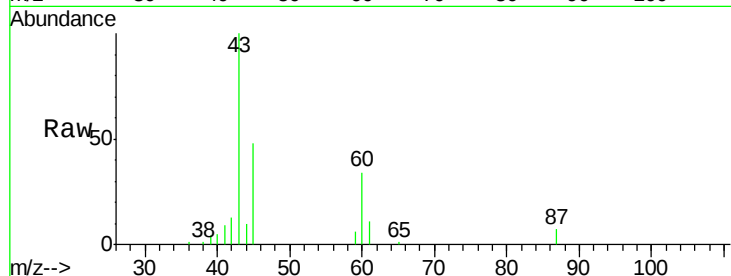
Tot Ion: 43 Resp: 41397

Ion Ratio Lower Upper

43 100

61 14.4 23.9 35.9#

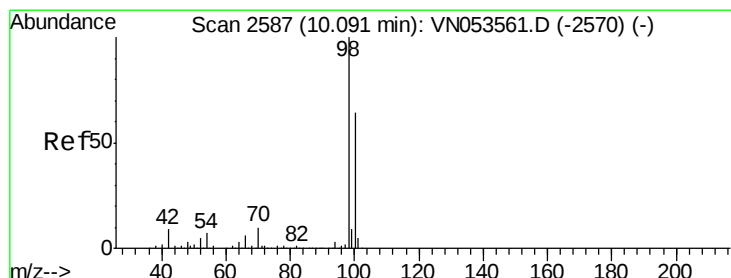
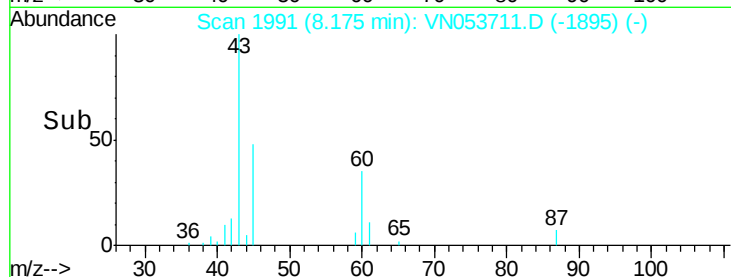
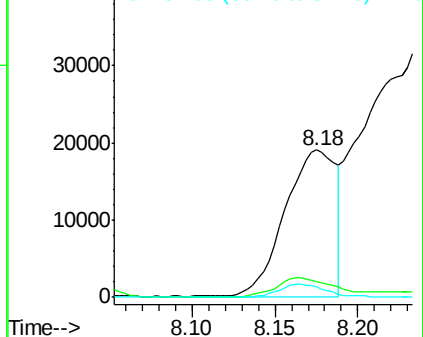
87 8.1 11.0 16.6#



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: 51.492 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053711.D

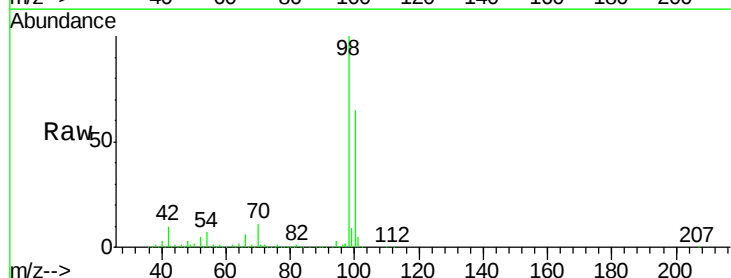
Acq: 11 Feb 2019 18:07

Tgt Ion: 98 Resp: 1460119

Ion Ratio Lower Upper

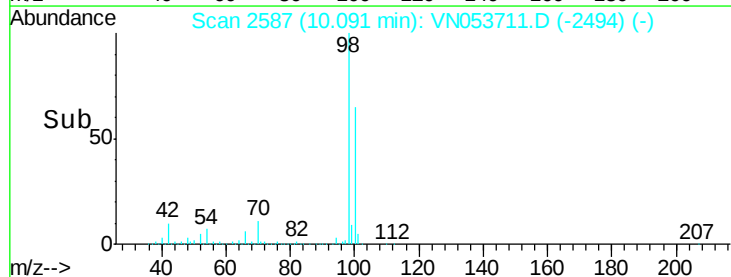
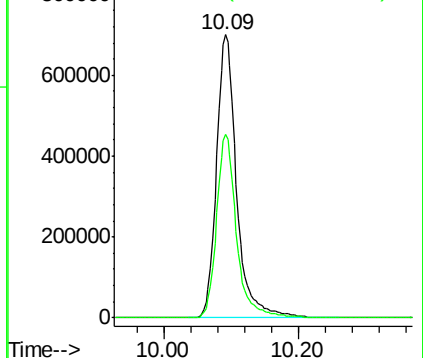
98 100

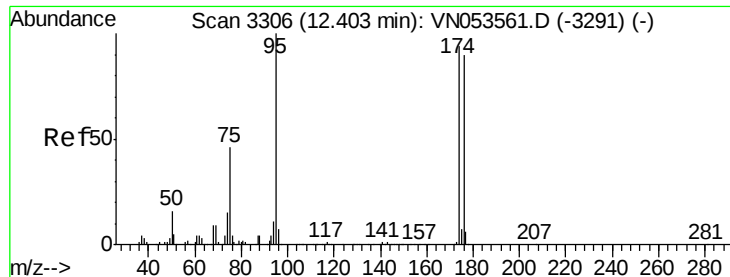
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.843 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053711.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

M-9-D

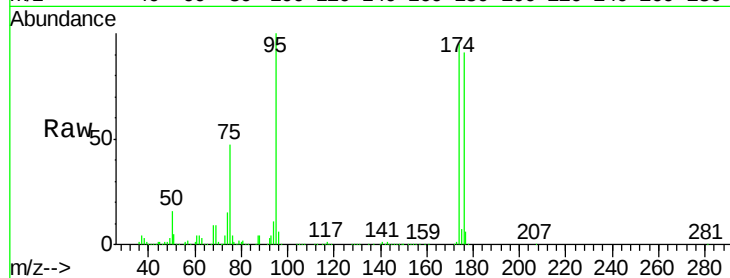
Tot Ion: 95 Resp: 490294

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.2

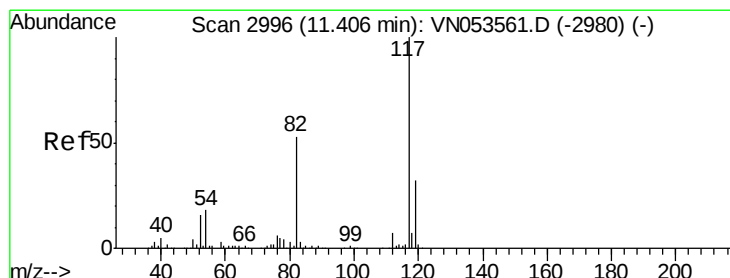
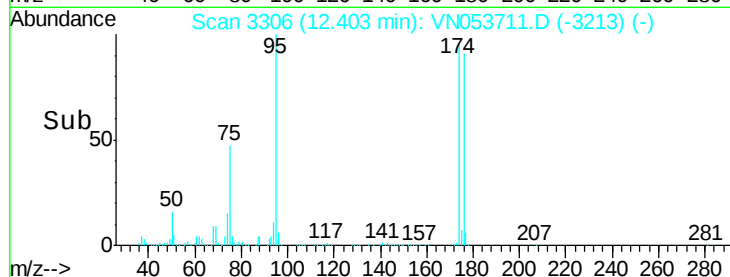
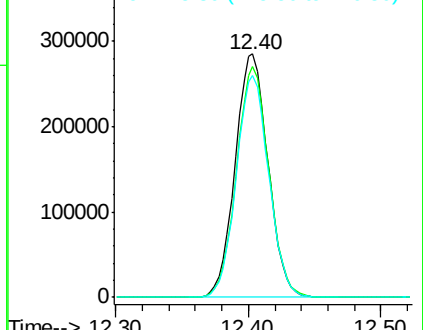
176 90.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053711.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053711.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053711.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053711.D

Acq: 11 Feb 2019 18:07

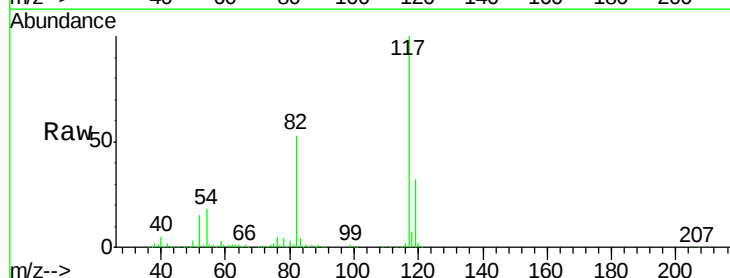
Tgt Ion: 117 Resp: 1117735

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

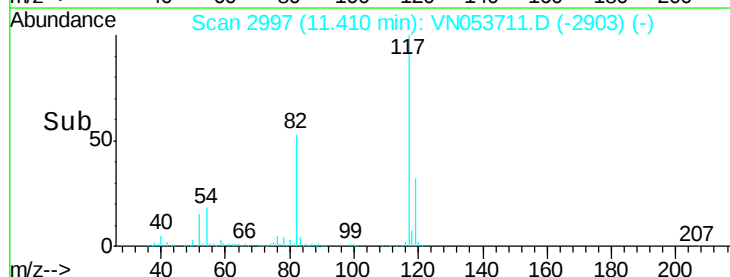
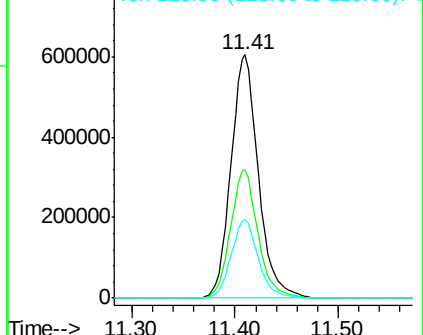
119 32.2 26.0 39.0

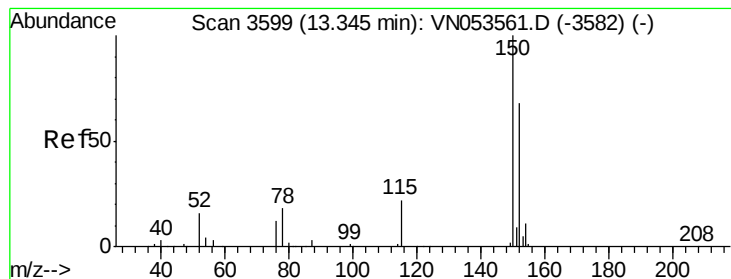


Abundance Ion 116.90 (116.60 to 117.60): VN053711.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053711.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053711.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053711.D

Acq: 11 Feb 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

M-9-D

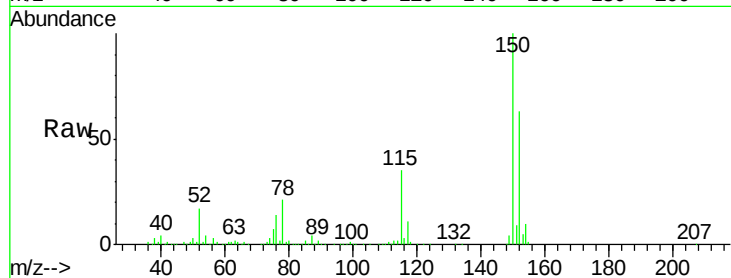
Tot Ion:152 Resp: 467299

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

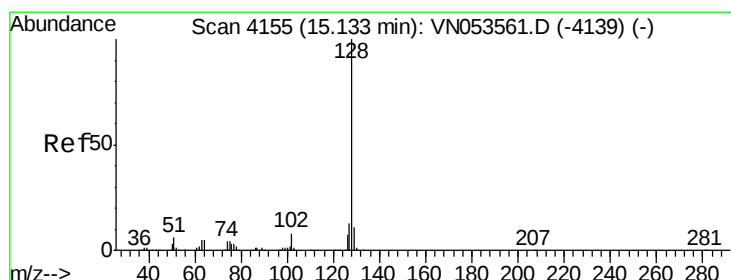
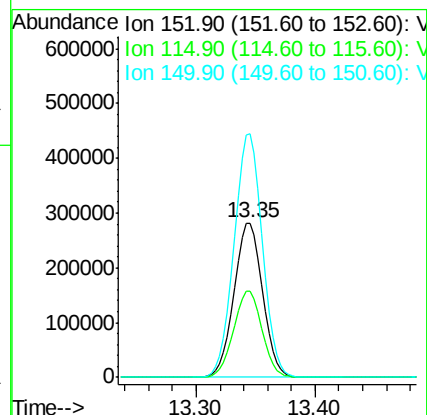
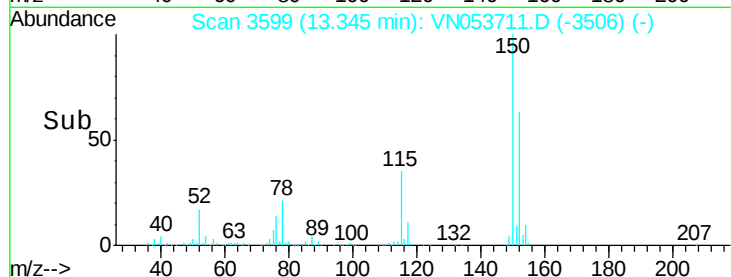
150 156.8 0.0 349.0



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: 2.935 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053711.D

Acq: 11 Feb 2019 18:07

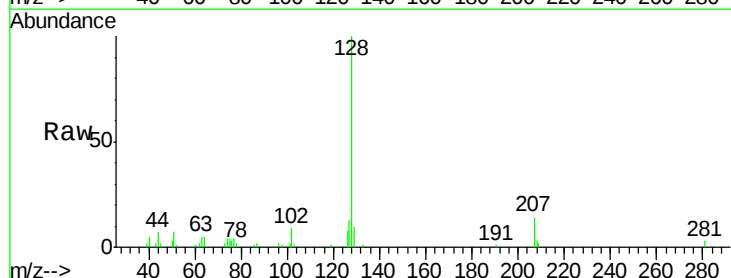
Tgt Ion:128 Resp: 25499

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.6 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

