

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053271.D
 Acq On : 3 Jan 2019 19:11
 Operator : MD\SY
 Sample : K1016-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-010219

Quant Time: Jan 04 07:55:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

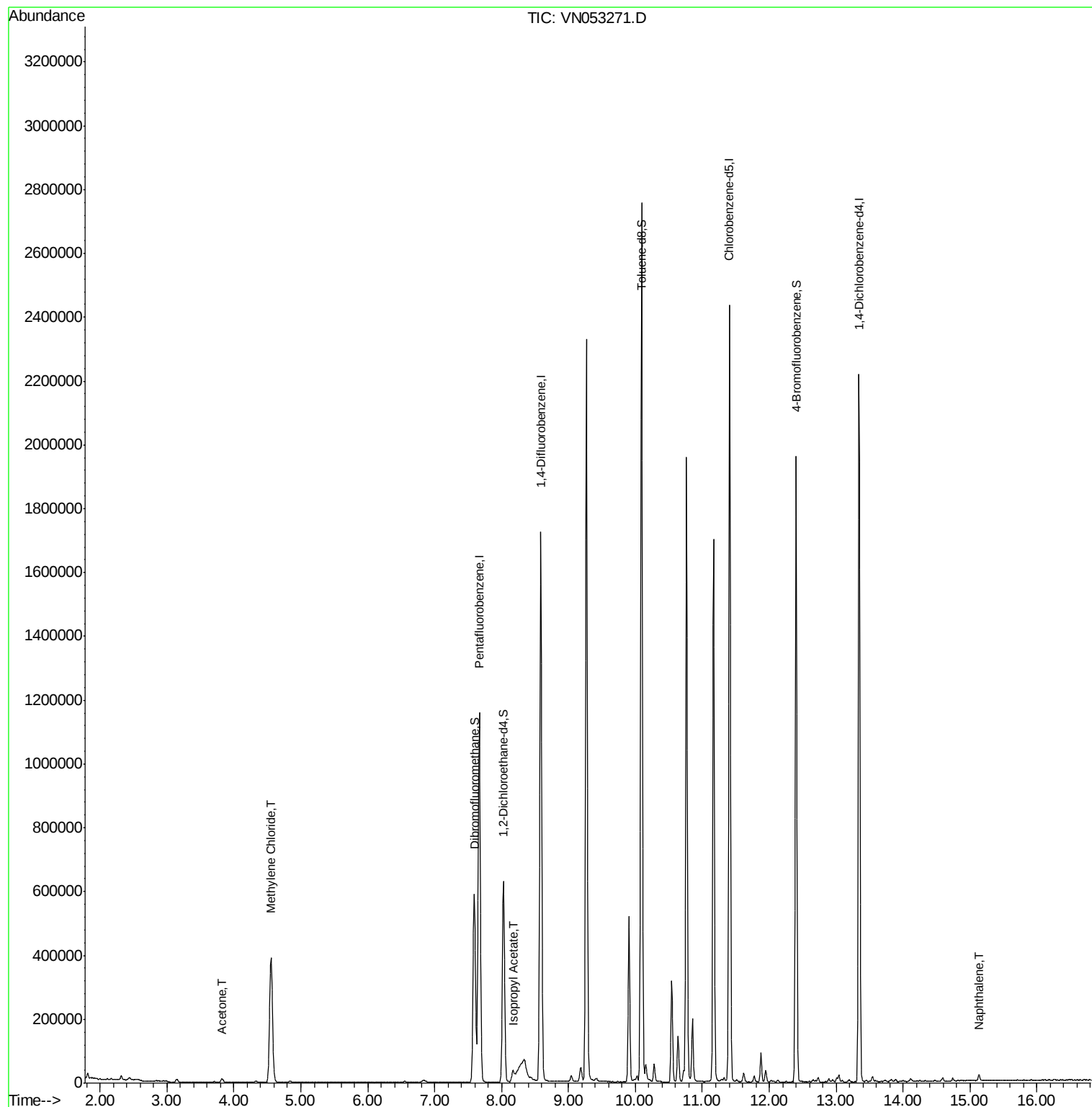
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1031969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1607301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1488692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	633610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	525284	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.59	113	458455	62.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.88%	
50) Toluene-d8	10.09	98	1990904	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	675355	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
Target Compounds						
16) Acetone	3.82	43	21247	10.348	ug/l	98
20) Methylene Chloride	4.55	84	305569	27.281	ug/l	98
43) Isopropyl Acetate	8.17	43	50763	2.044	ug/l #	80
95) Naphthalene	15.14	128	18233	1.862	ug/l	98

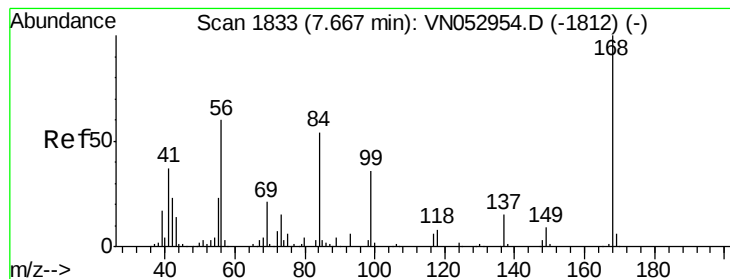
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 3 Jan 2019 19:11
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Quant Time: Jan 04 07:55:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

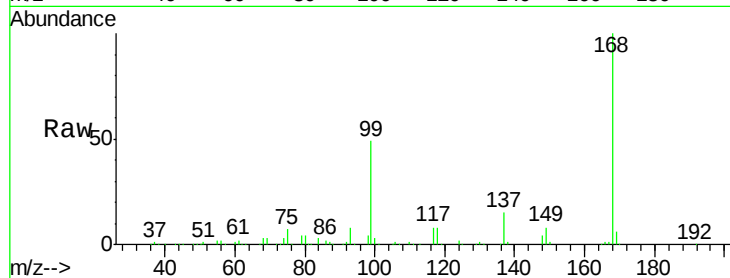
TR-04-010219

Tot Ion:168 Resp: 1031969

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053271.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053271.D (-1740) (-)

7.67

400000

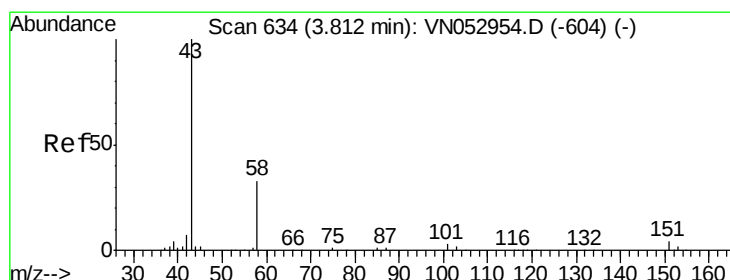
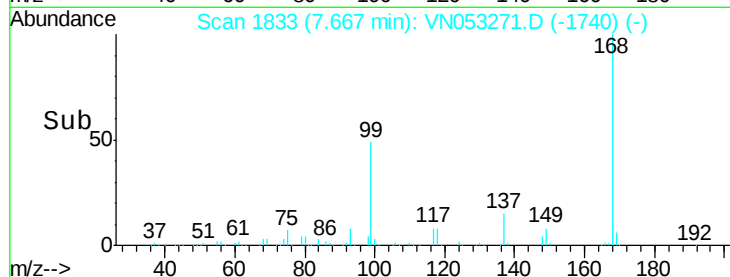
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.348 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053271.D

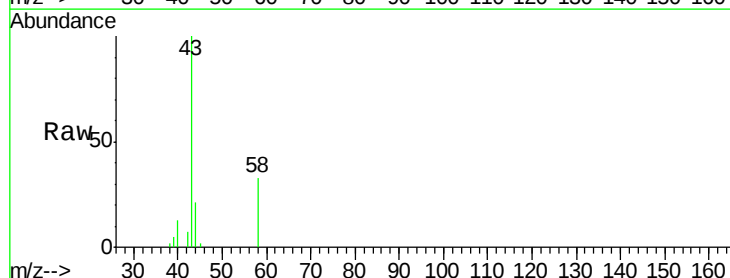
Acq: 3 Jan 2019 19:11

Tgt Ion: 43 Resp: 21247

Ion Ratio Lower Upper

43 100

58 32.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053271.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053271.D (-541) (-)

3.82

8000

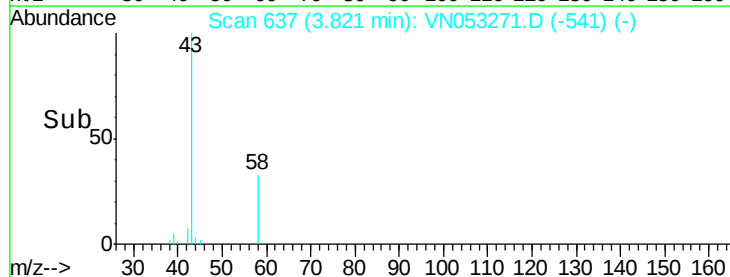
6000

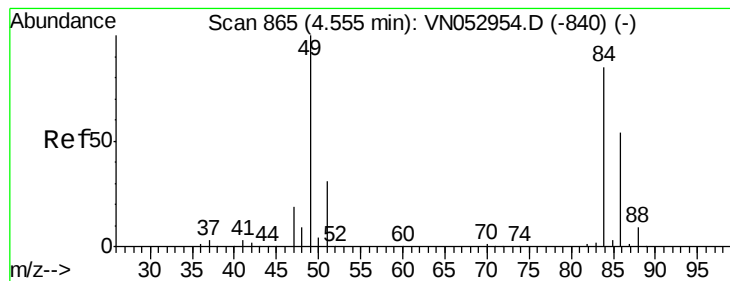
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 27.281 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

TR-04-010219

Tot Ion: 84 Resp: 305569

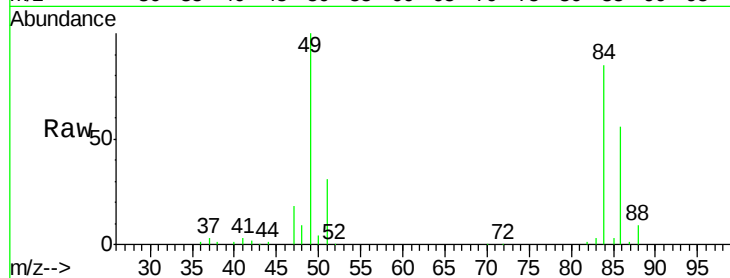
Ion Ratio Lower Upper

84 100

49 118.1 96.8 145.2

51 37.2 29.9 44.9

86 65.6 51.8 77.6

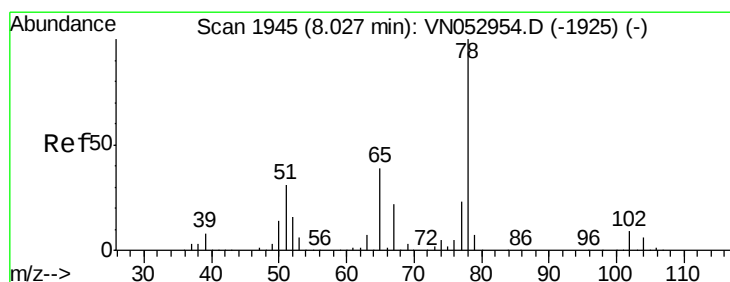
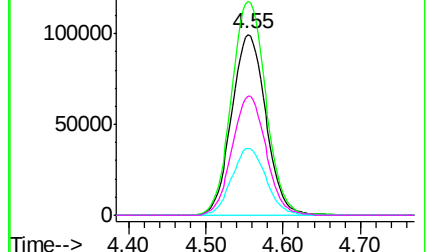
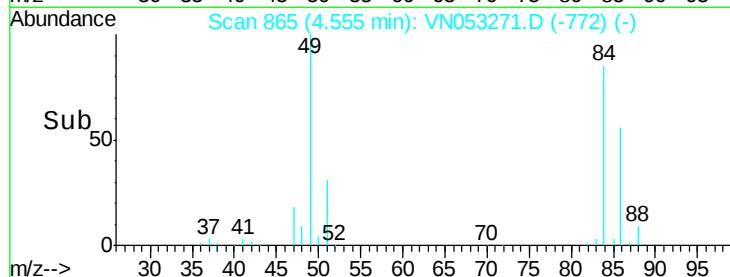


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053271.D

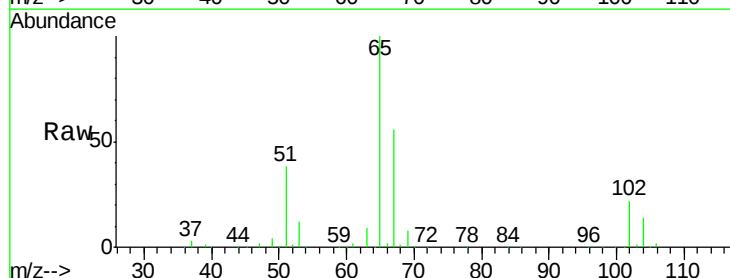
Acq: 3 Jan 2019 19:11

Tgt Ion: 65 Resp: 525284

Ion Ratio Lower Upper

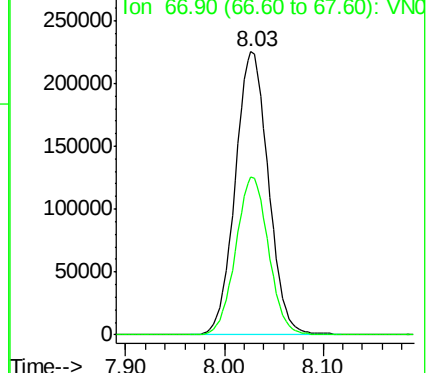
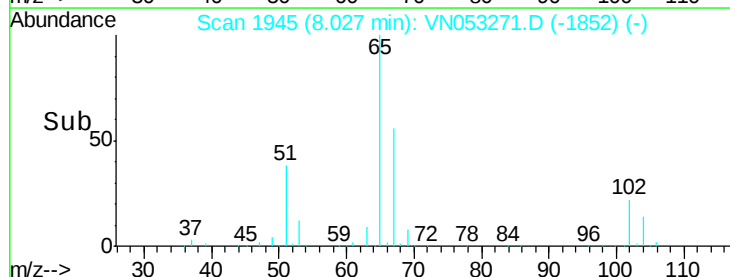
65 100

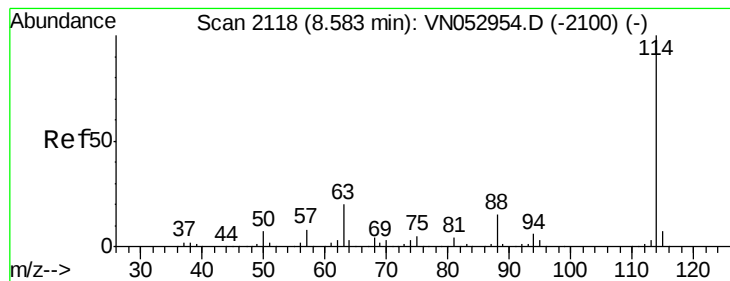
67 55.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

TR-04-010219

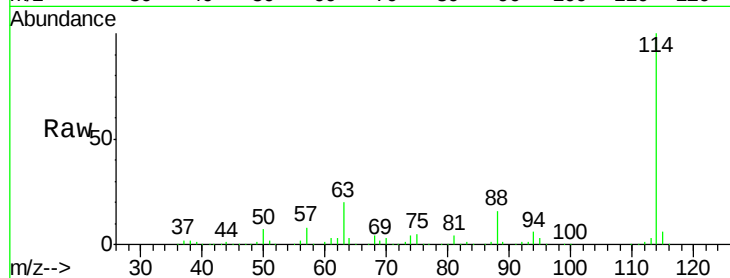
Tot Ion:114 Resp: 1607301

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

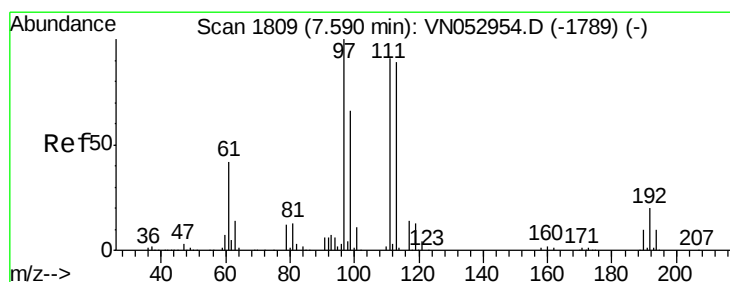
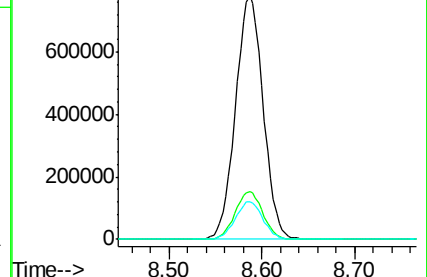
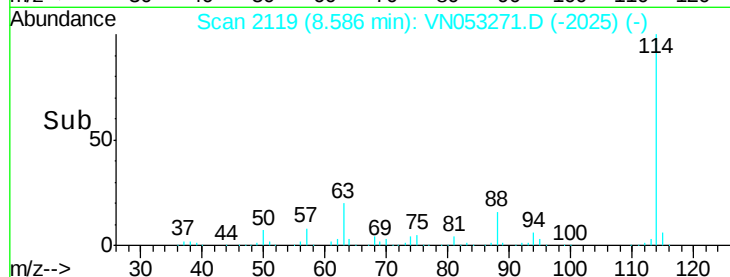
88 15.6 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

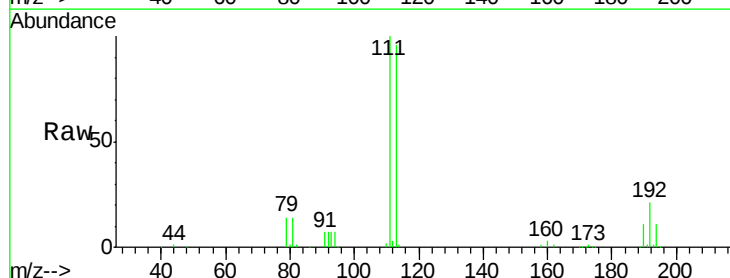
Tgt Ion:113 Resp: 458455

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

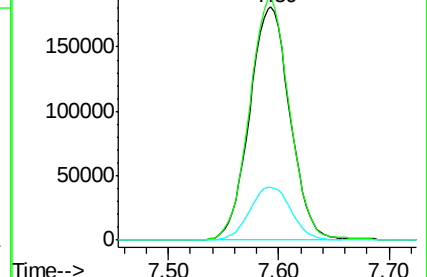
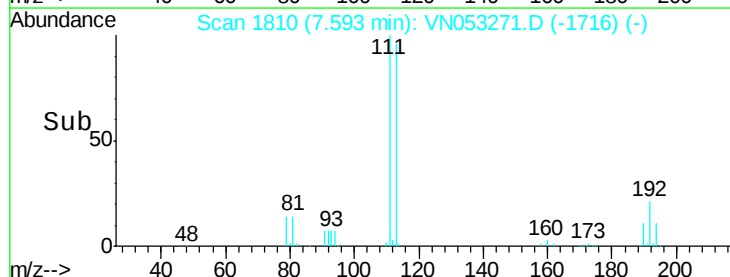
192 23.3 17.5 26.3

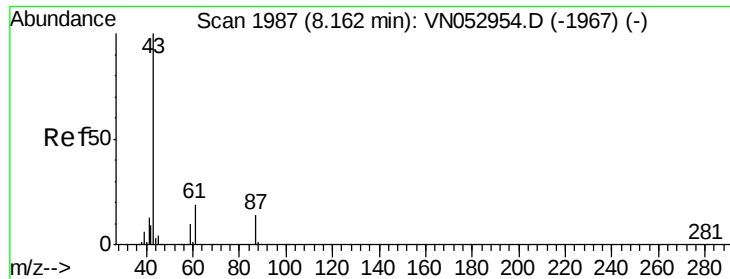


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

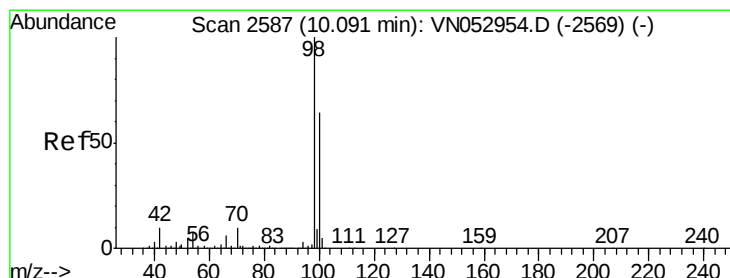
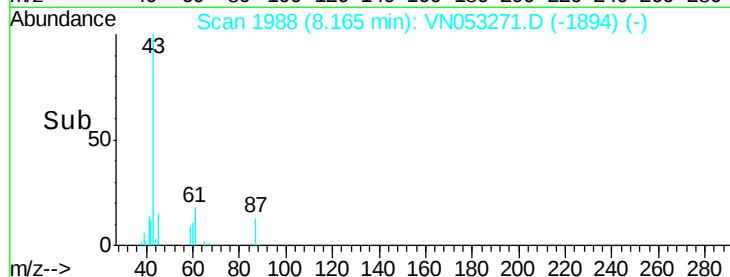
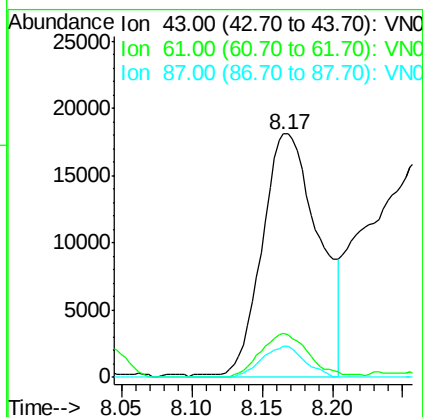
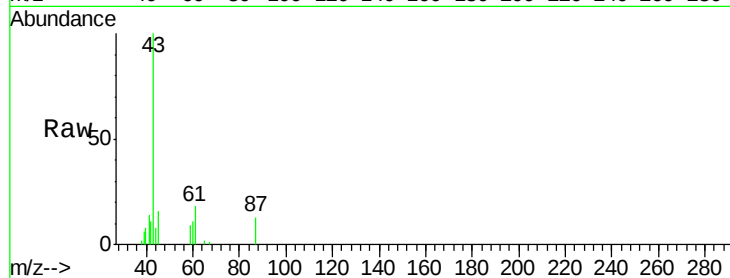




#43
Isopropyl Acetate
Concen: 2.044 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

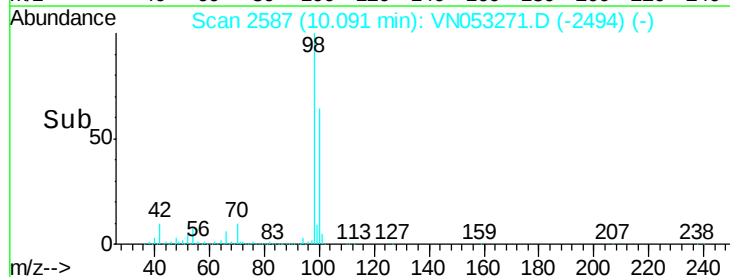
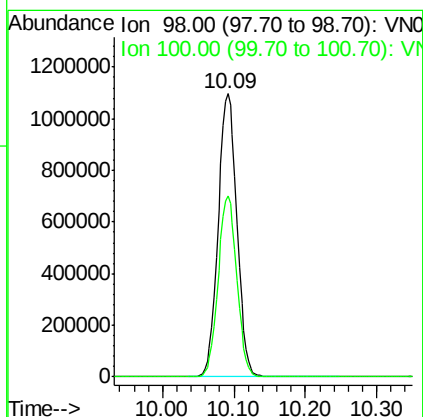
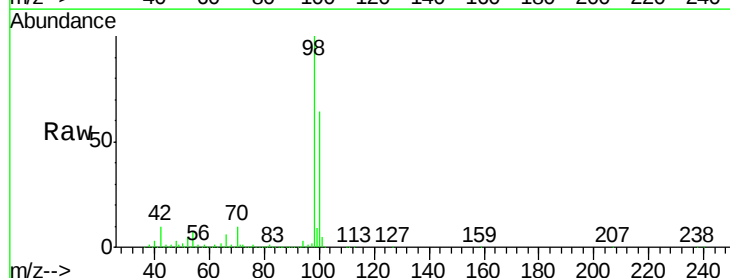
Instrument :
MSVOA_N
ClientSampleId :
TR-04-010219

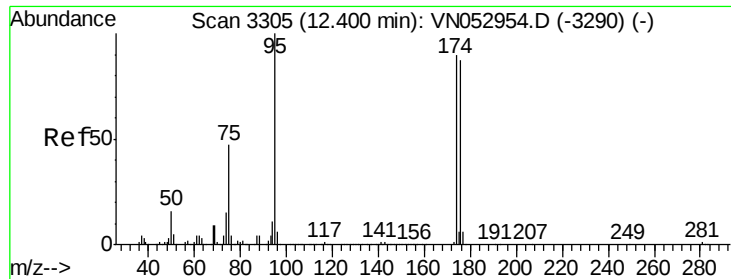
Tot Ion: 43 Resp: 50763
Ion Ratio Lower Upper
43 100
61 15.3 22.9 34.3#
87 9.7 10.6 15.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053271.D
Acq: 3 Jan 2019 19:11

Tgt Ion: 98 Resp: 1990904
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampled :

TR-04-010219

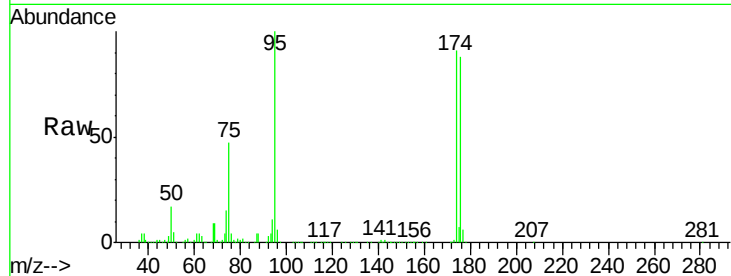
Tot Ion: 95 Resp: 675355

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.8

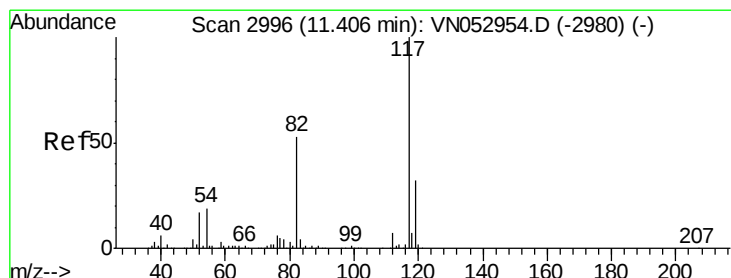
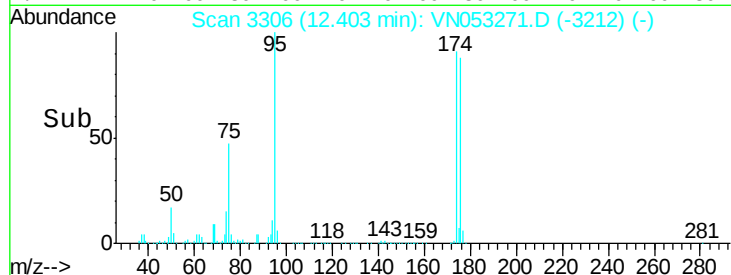
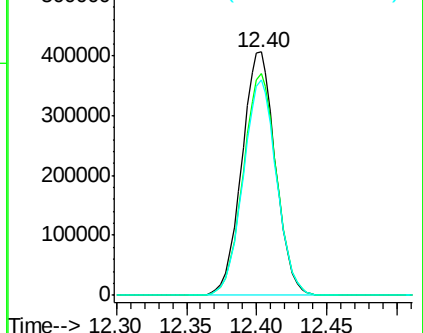
176 88.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053271.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053271.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053271.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

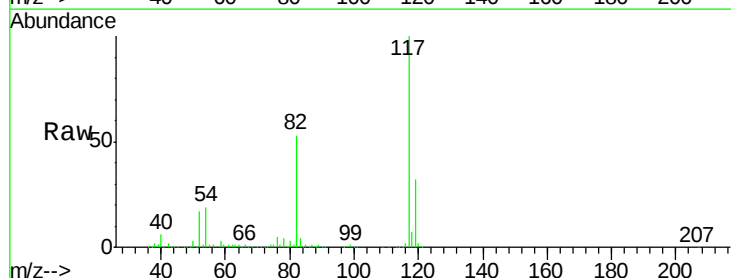
Tgt Ion: 117 Resp: 1488692

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

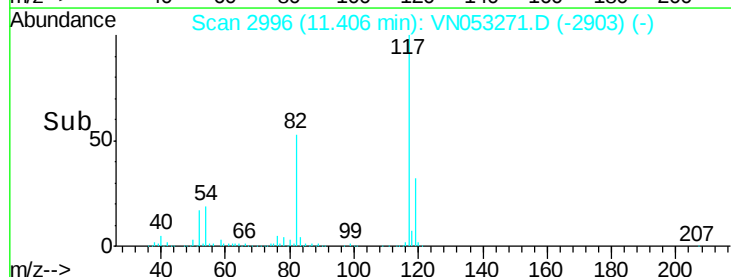
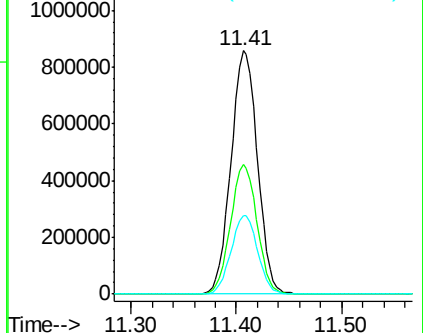
119 32.4 25.5 38.3

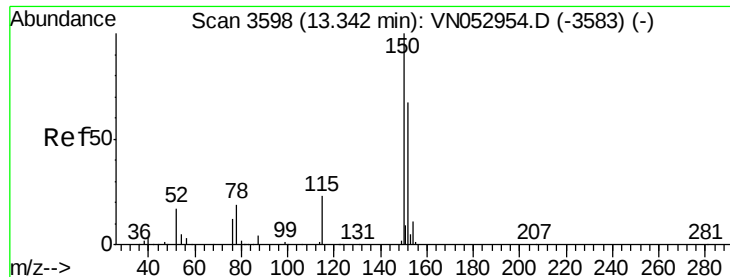


Abundance Ion 116.90 (116.60 to 117.60): VN053271.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053271.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053271.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

TR-04-010219

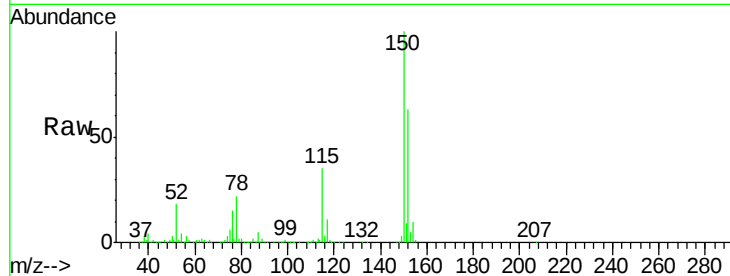
Tot Ion:152 Resp: 633610

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

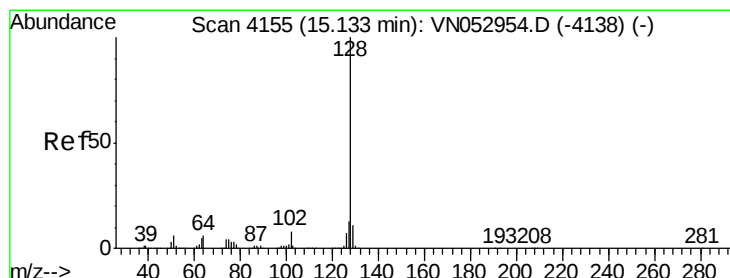
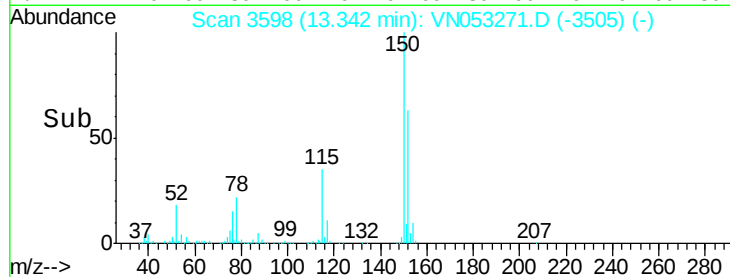
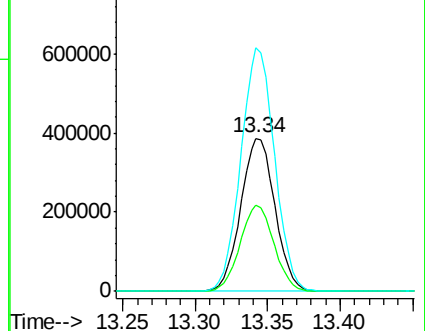
150 156.9 0.0 347.8



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: 1.862 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053271.D

Acq: 3 Jan 2019 19:11

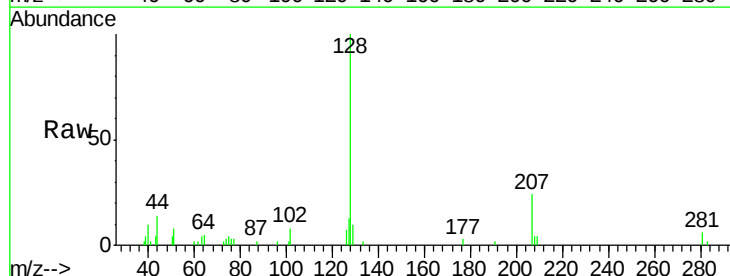
Tgt Ion:128 Resp: 18233

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.1 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

