

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053260.D
 Acq On : 3 Jan 2019 14:17
 Operator : MD\SY
 Sample : PB116111ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#05

Quant Time: Jan 04 07:22:46 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

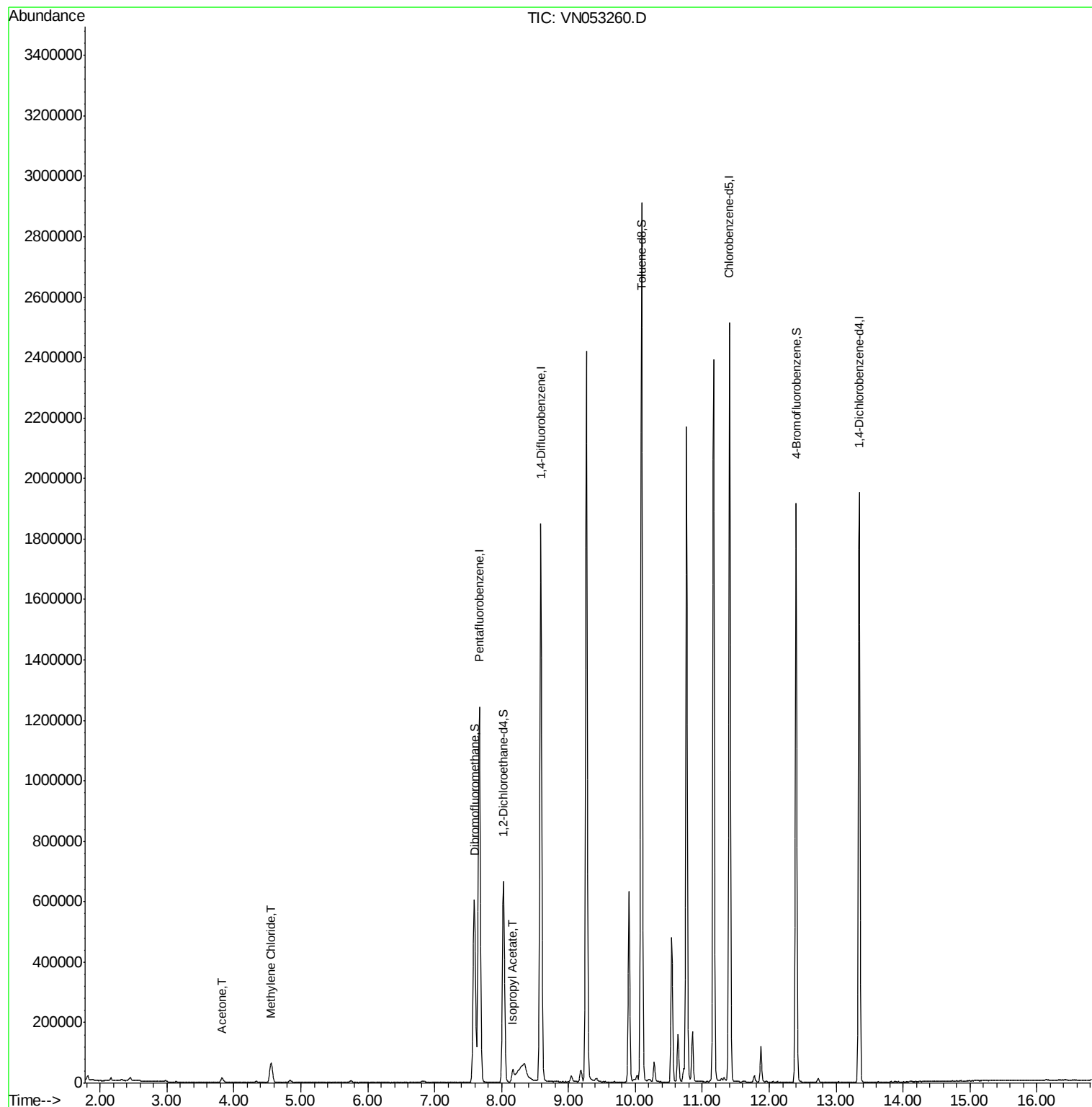
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1095242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1703783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1514078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	553834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	548437	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
35) Dibromofluoromethane	7.59	113	470935	60.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.02%	
50) Toluene-d8	10.09	98	2079157	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	658634	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
16) Acetone	3.82	43	26766	12.282	ug/l	94
20) Methylene Chloride	4.56	84	49978	4.204	ug/l	99
43) Isopropyl Acetate	8.17	43	53195	2.008	ug/l #	83

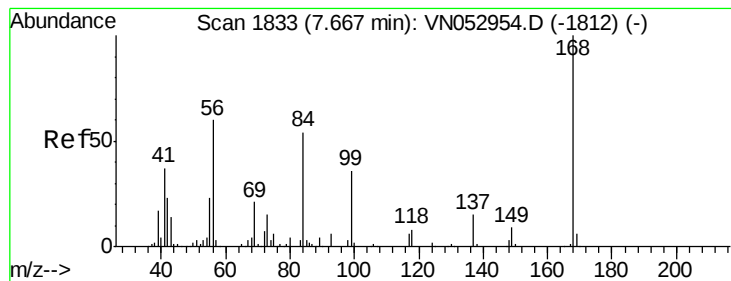
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
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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: VN053260.D

Acq: 3 Jan 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

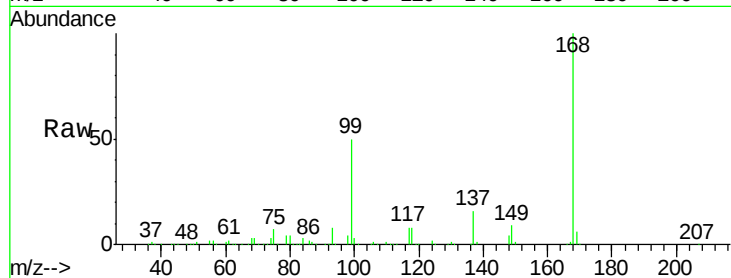
PB116111ZHE#05

Tot Ion:168 Resp: 1095242

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

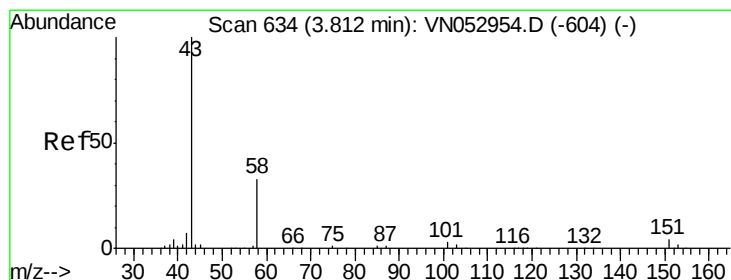
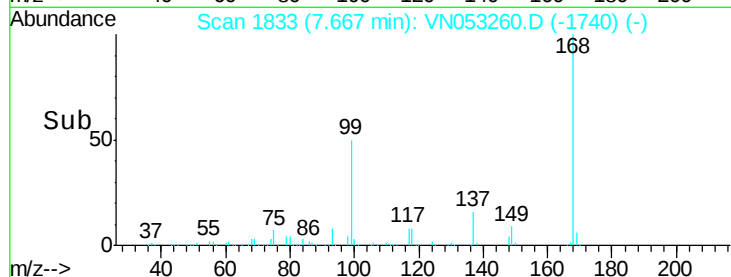
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 12.282 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053260.D

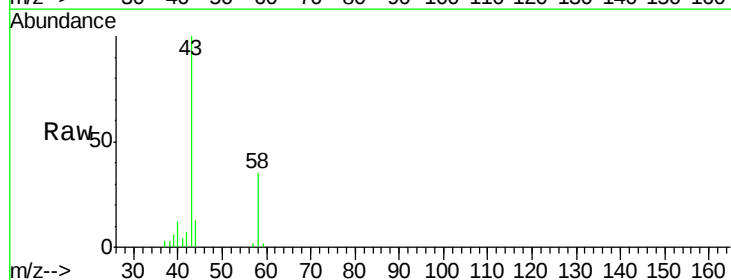
Acq: 3 Jan 2019 14:17

Tgt Ion: 43 Resp: 26766

Ion Ratio Lower Upper

43 100

58 35.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

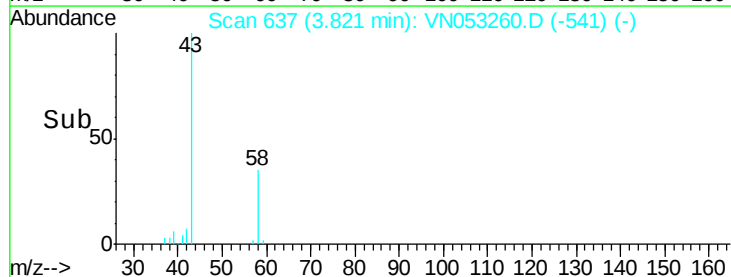
6000

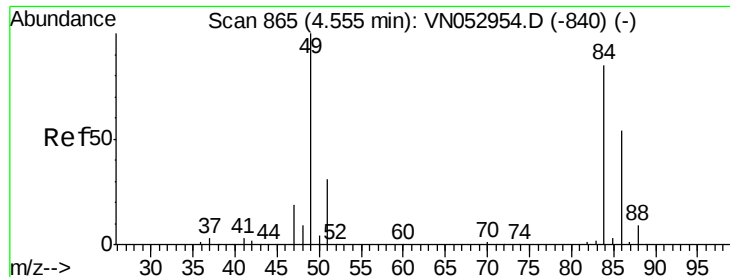
4000

2000

0

Time-->

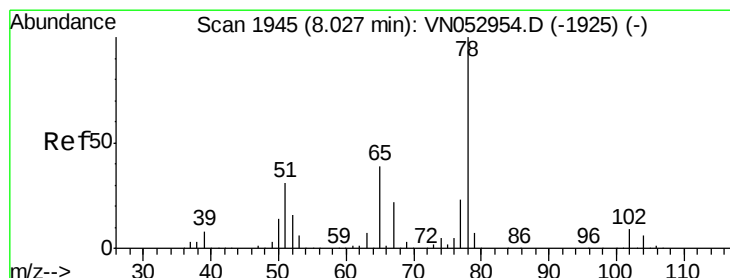
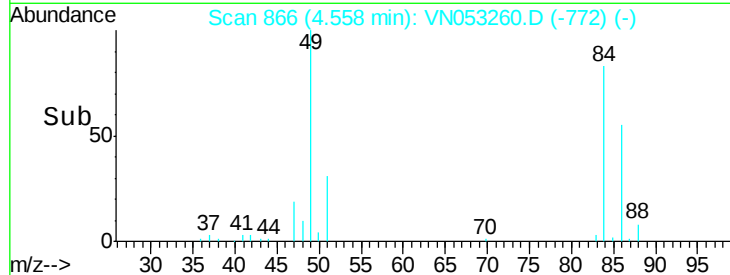
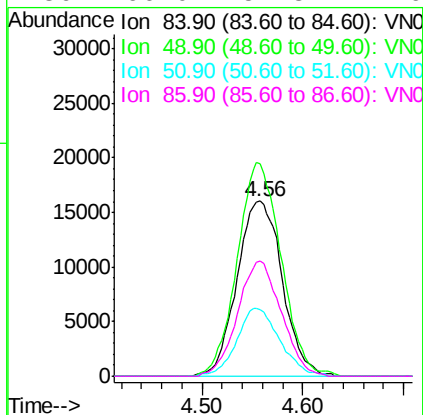
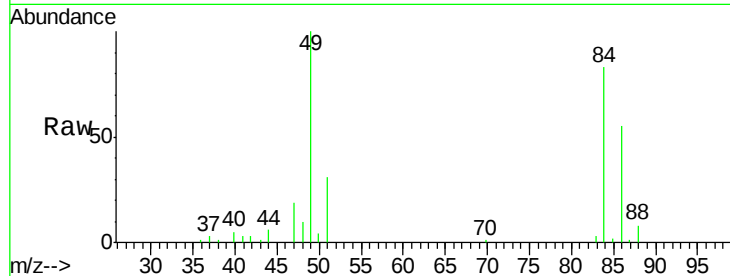




#20
Methylene Chloride
Concen: 4.204 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053260.D
Acq: 3 Jan 2019 14:17

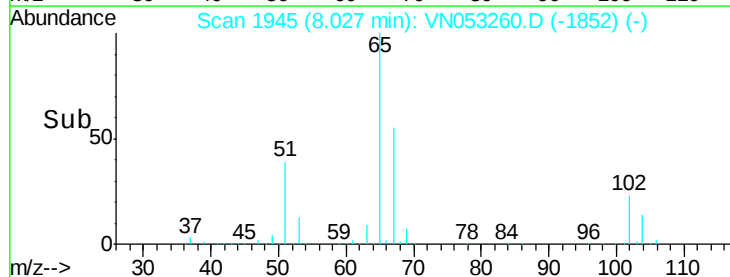
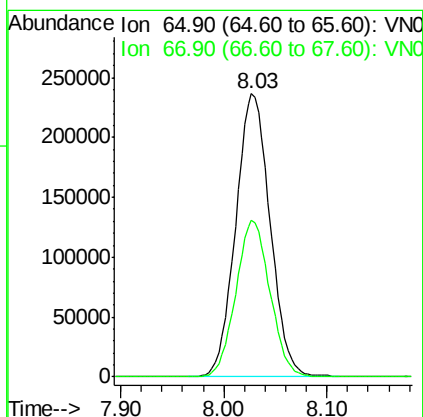
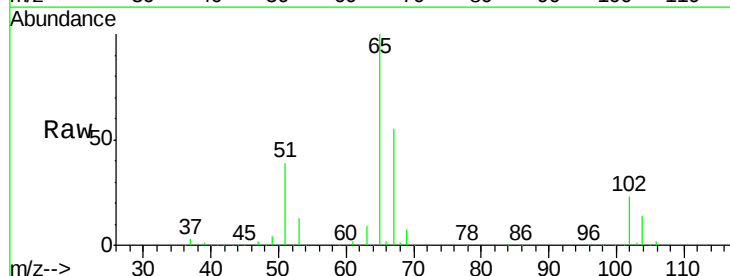
Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#05

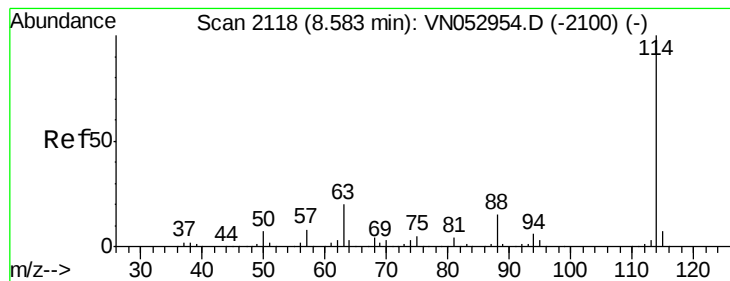
Tot Ion: 84 Resp: 49978
Ion Ratio Lower Upper
84 100
49 120.9 96.8 145.2
51 37.8 29.9 44.9
86 66.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053260.D
Acq: 3 Jan 2019 14:17

Tgt Ion: 65 Resp: 548437
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053260.D

Acq: 3 Jan 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#05

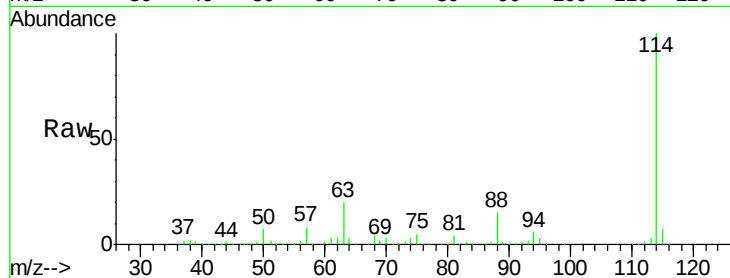
Tot Ion:114 Resp: 1703783

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

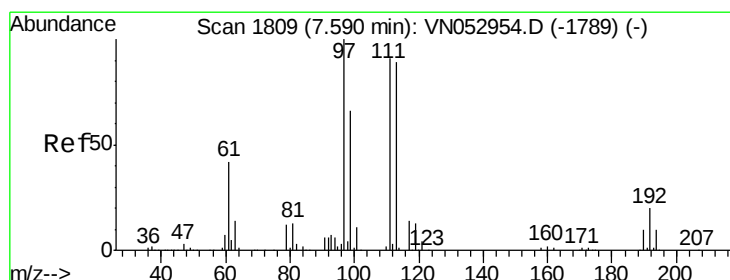
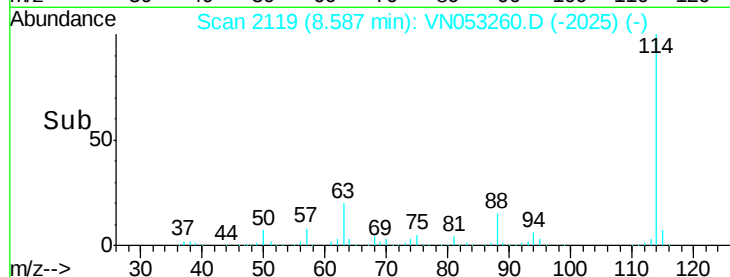
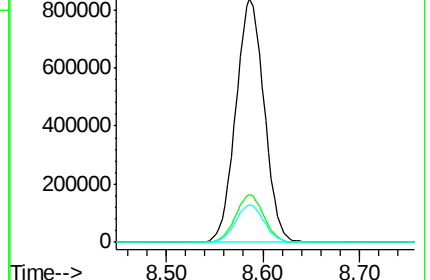
88 15.4 0.0 31.0



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: VN053260.D

Acq: 3 Jan 2019 14:17

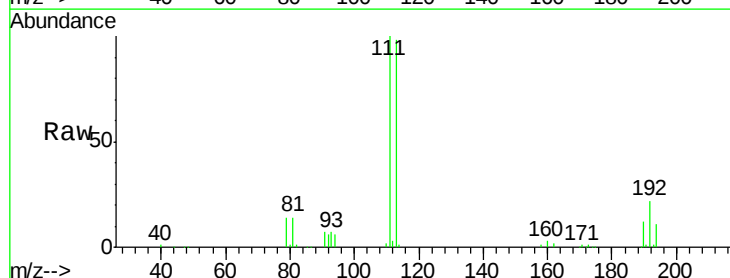
Tgt Ion:113 Resp: 470935

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

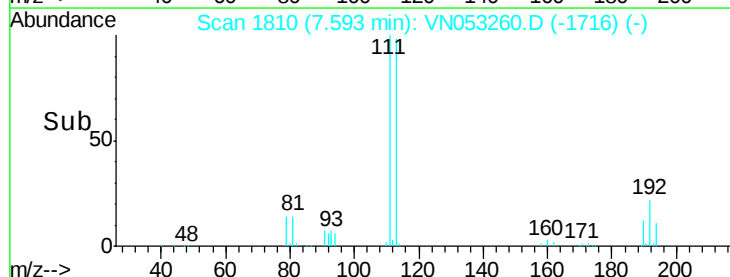
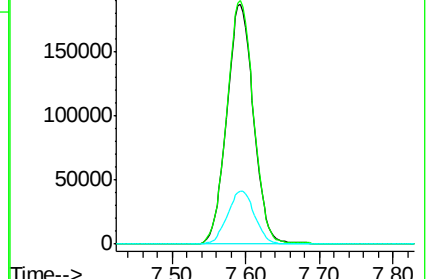
192 22.3 17.5 26.3

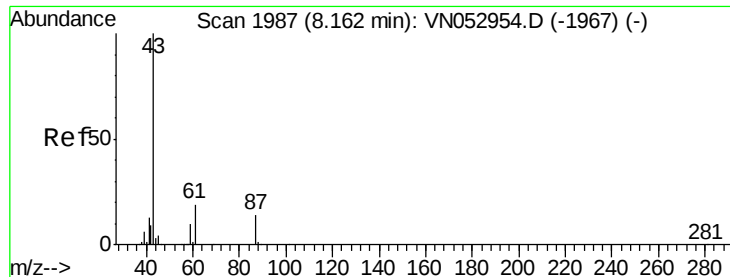


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.008 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053260.D

Acq: 3 Jan 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#05

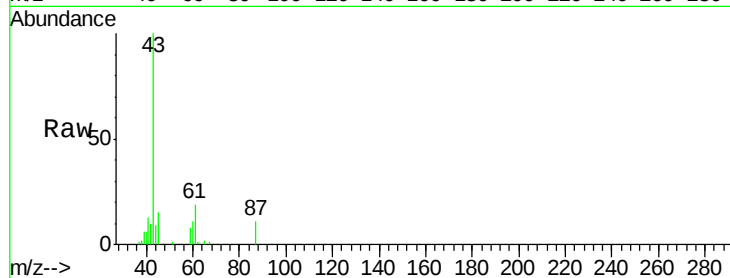
Tot Ion: 43 Resp: 53195

Ion Ratio Lower Upper

43 100

61 17.6 22.9 34.3#

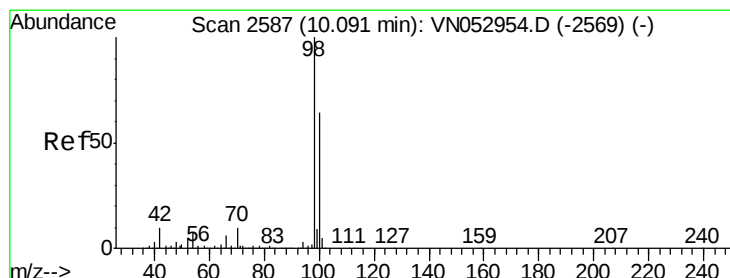
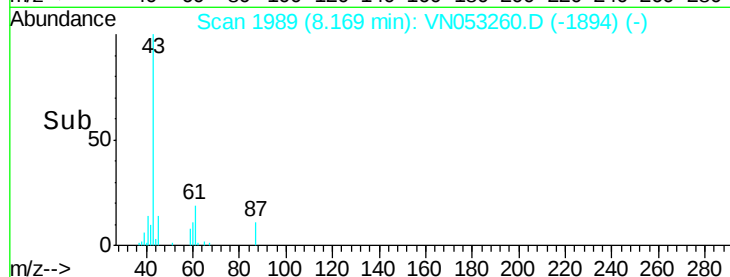
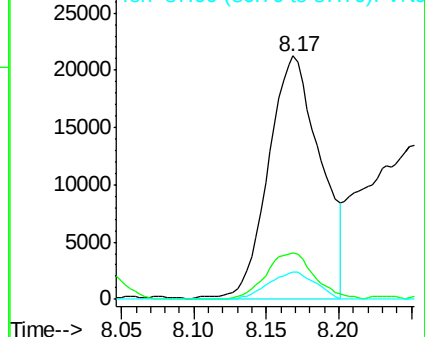
87 10.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053260.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053260.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053260.D (-1894) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053260.D

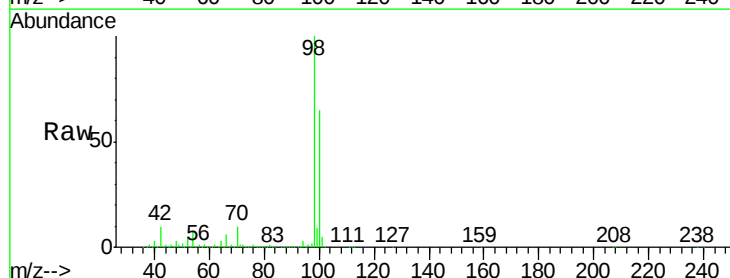
Acq: 3 Jan 2019 14:17

Tgt Ion: 98 Resp: 2079157

Ion Ratio Lower Upper

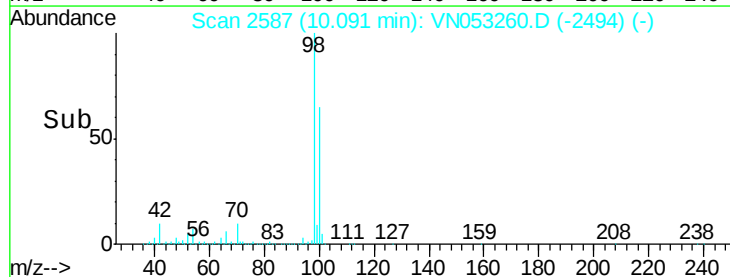
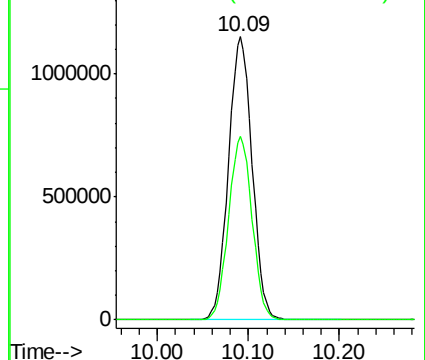
98 100

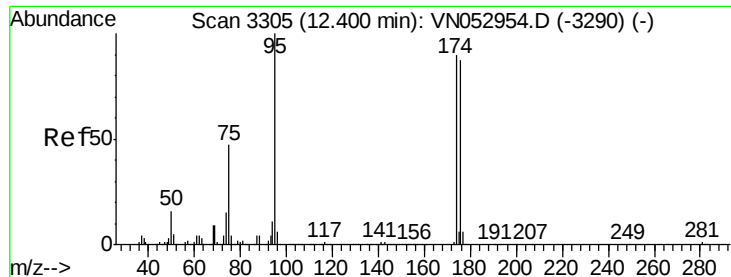
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053260.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053260.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053260.D

Acq: 3 Jan 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#05

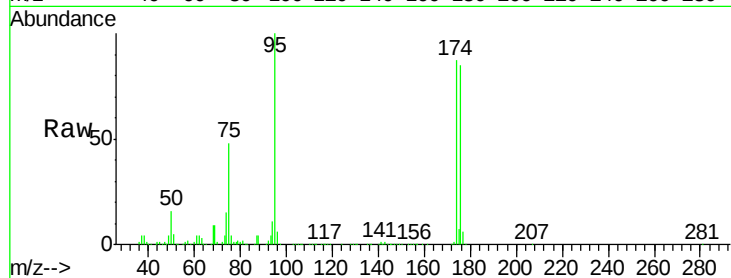
Tot Ion: 95 Resp: 658634

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

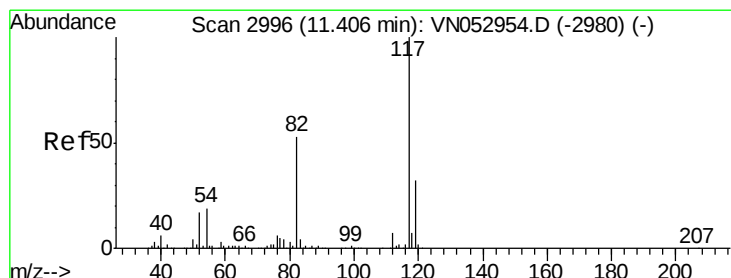
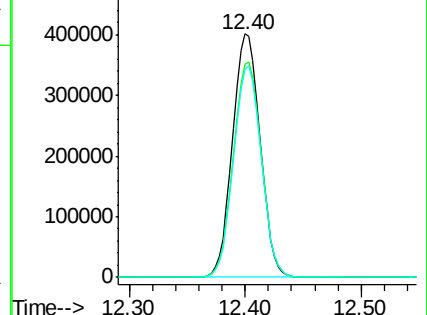
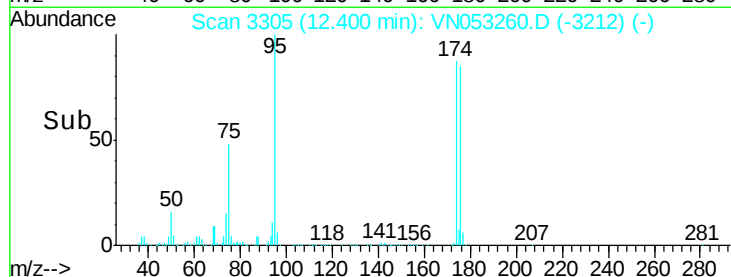
176 87.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053260.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053260.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053260.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053260.D

Acq: 3 Jan 2019 14:17

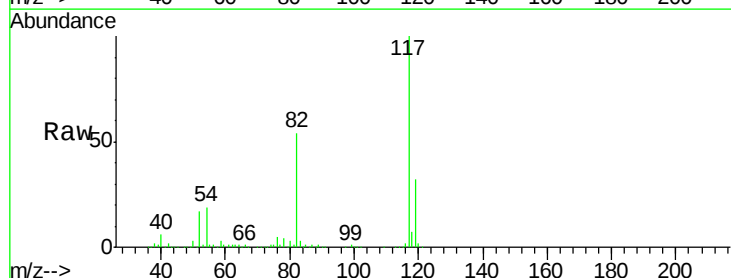
Tgt Ion: 117 Resp: 1514078

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

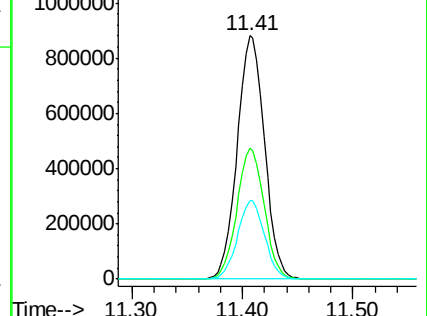
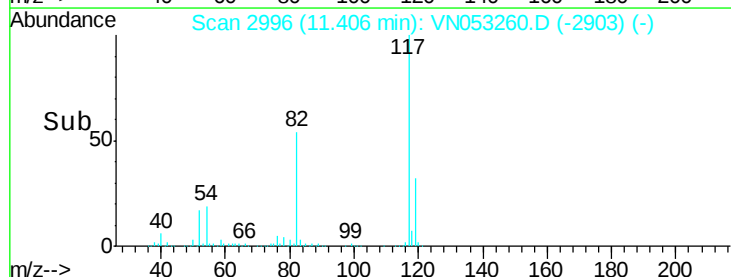
119 32.4 25.5 38.3

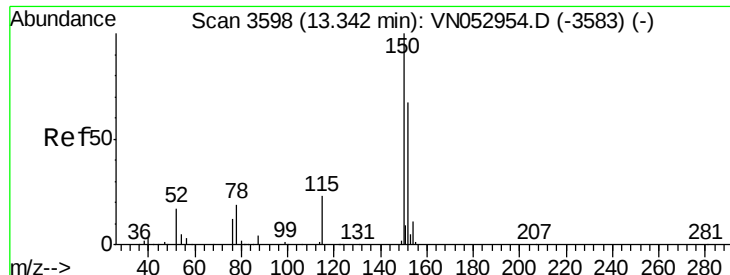


Abundance Ion 116.90 (116.60 to 117.60): VN053260.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053260.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053260.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: VN053260.D

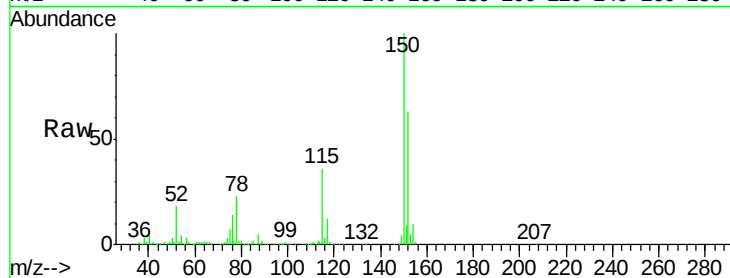
Acq: 3 Jan 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#05



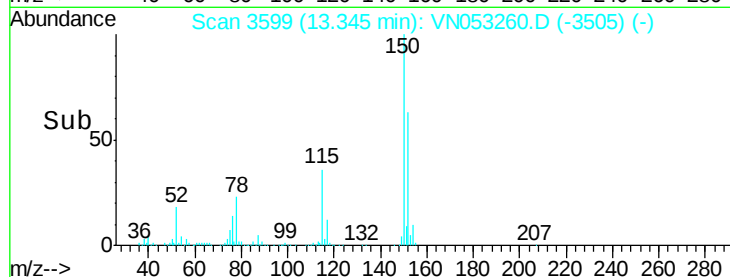
Tot Ion:152 Resp: 553834

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

150 157.9 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

