

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053812.D
 Acq On : 15 Feb 2019 20:39
 Operator : JC/SP
 Sample : PB117124ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#03

Quant Time: Feb 16 00:20:07 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

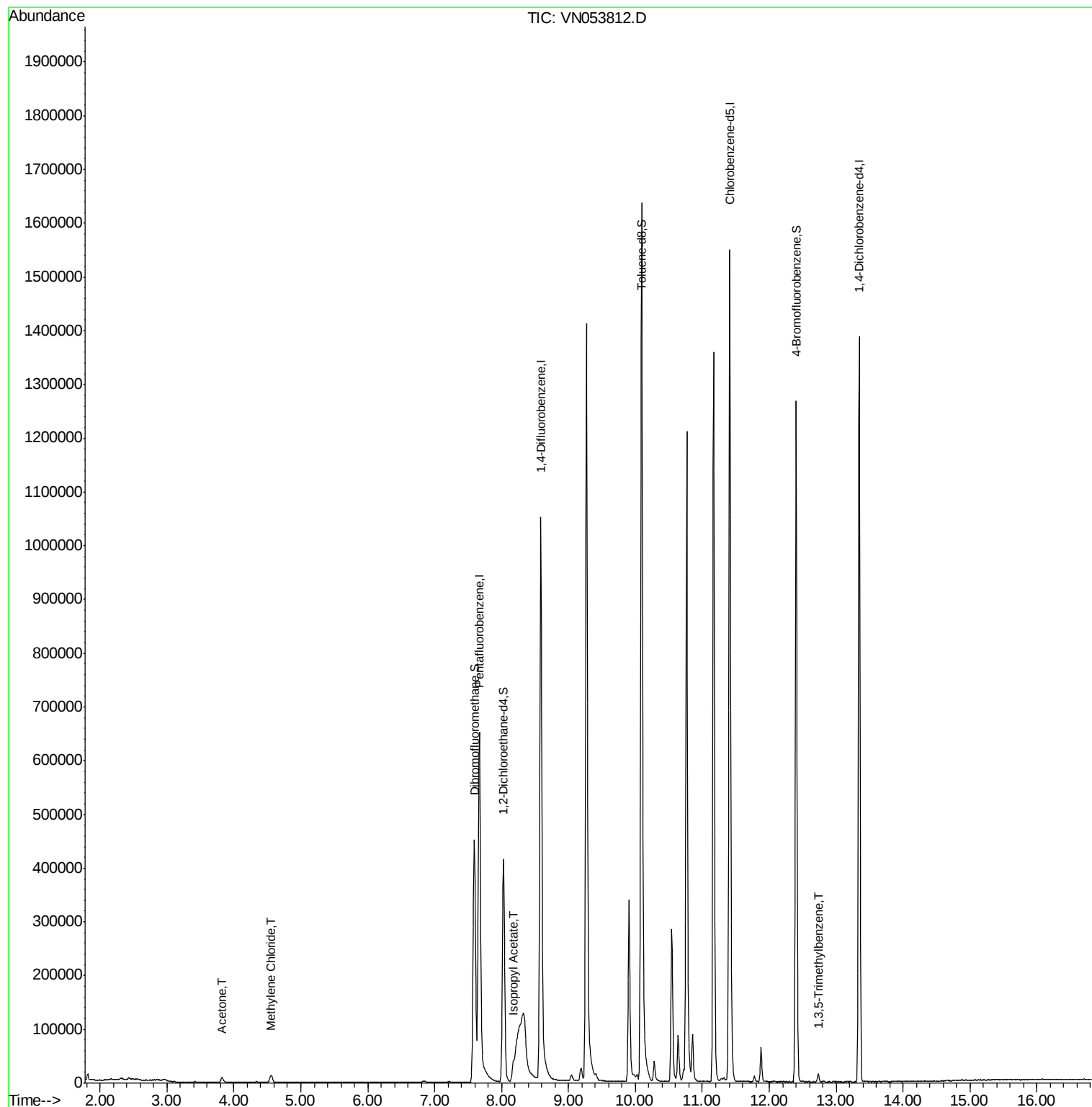
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1108276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355988	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.59	113	355078	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1348749	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.40	95	443060	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
Target Compounds						
16) Acetone	3.82	43	16226	9.540	ug/l	99
20) Methylene Chloride	4.56	84	11014	1.544	ug/l	90
43) Isopropyl Acetate	8.17	43	29627	2.749	ug/l #	88
80) 1,3,5-Trimethylbenzene	12.73	105	7682	0.319	ug/l	95

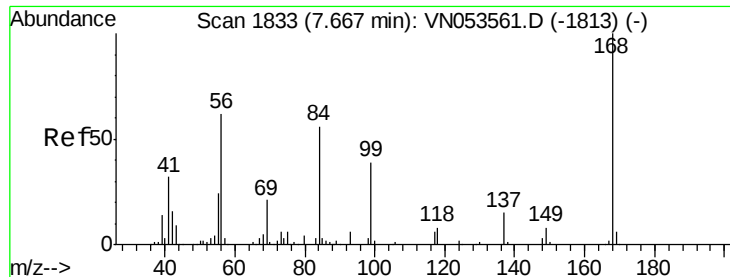
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053812.D

Acq: 15 Feb 2019 20:39

Instrument :

MSVOA_N

ClientSampleId :

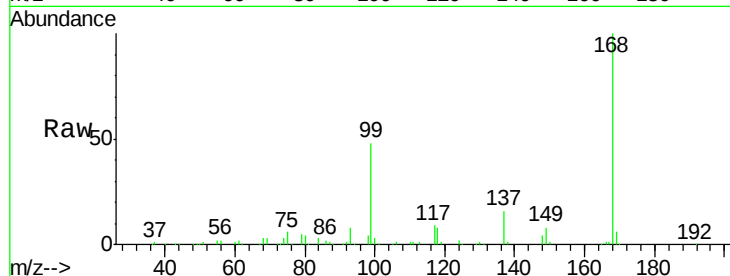
PB117124ZHE#03

Tot Ion:168 Resp: 660953

Ion Ratio Lower Upper

168 100

99 48.0 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

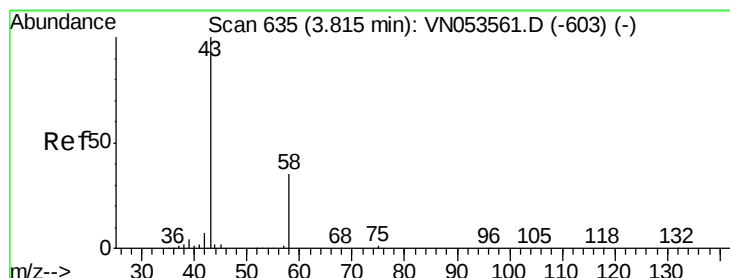
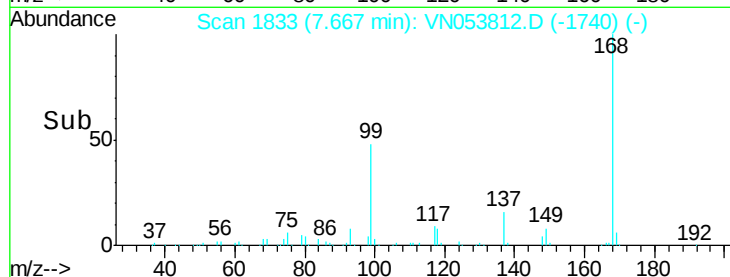
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 9.540 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053812.D

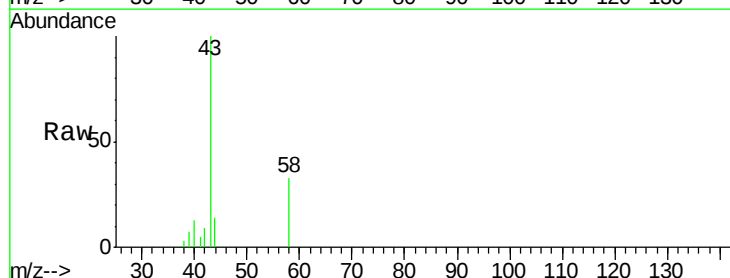
Acq: 15 Feb 2019 20:39

Tgt Ion: 43 Resp: 16226

Ion Ratio Lower Upper

43 100

58 33.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

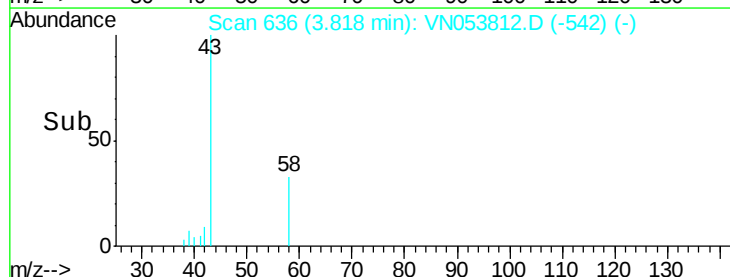
3000

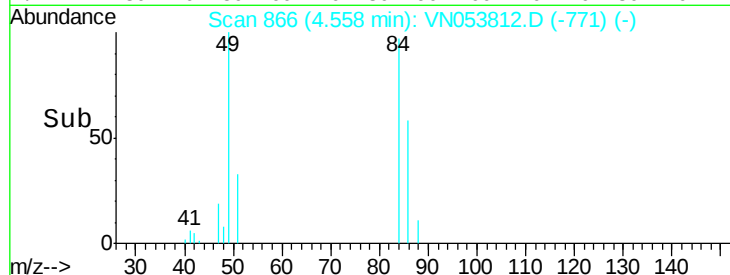
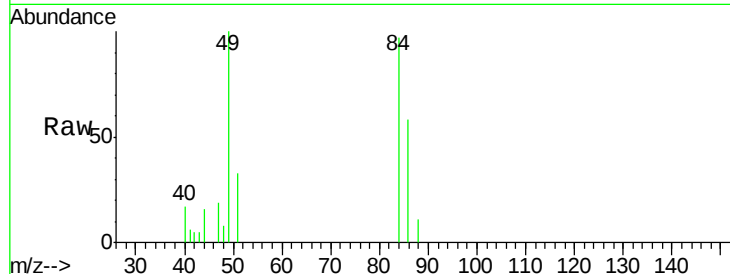
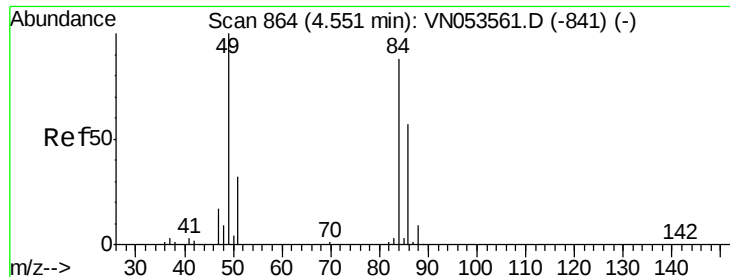
2000

1000

0

Time--> 3.70 3.80 3.90

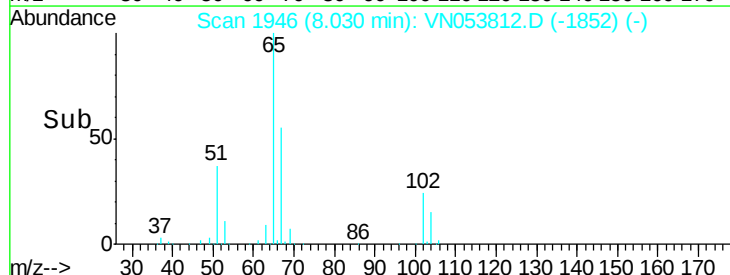
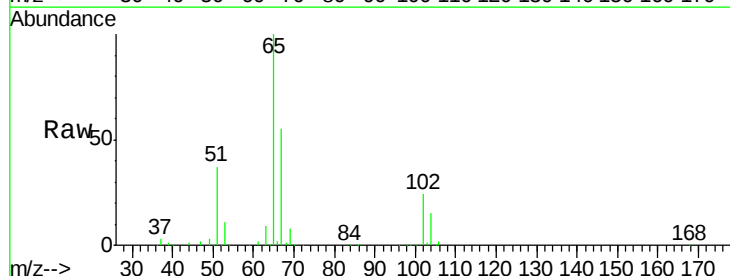
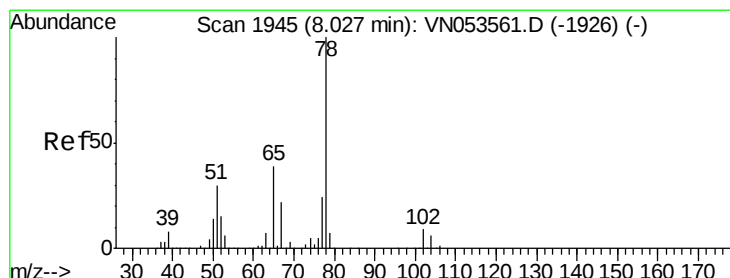
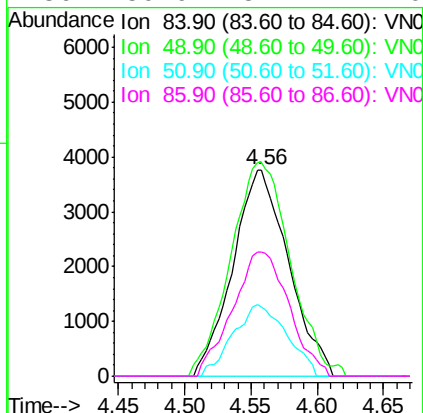




#20
Methvlene Chloride
Concen: 1.544 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053812.D
Acq: 15 Feb 2019 20:39

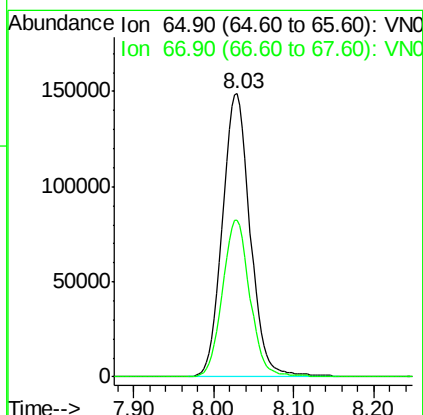
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#03

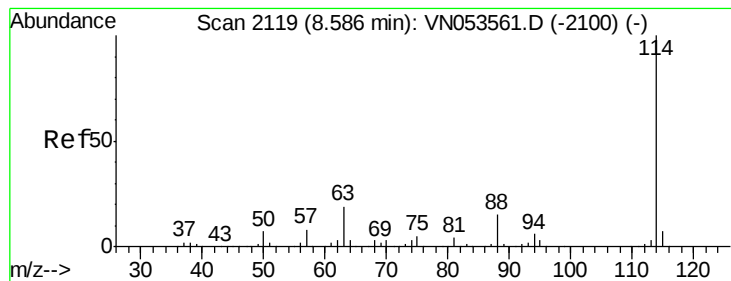
Tot Ion: 84 Resp: 11014
Ion Ratio Lower Upper
84 100
49 103.5 94.3 141.5
51 33.7 29.4 44.2
86 59.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.688 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053812.D
Acq: 15 Feb 2019 20:39

Tgt Ion: 65 Resp: 355988
Ion Ratio Lower Upper
65 100
67 54.8 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: VN053812.D

Acq: 15 Feb 2019 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#03

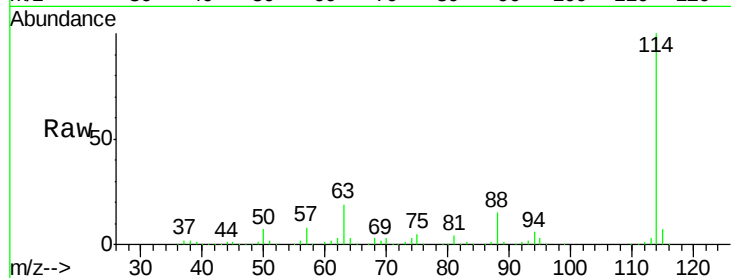
Tot Ion:114 Resp: 1108276

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

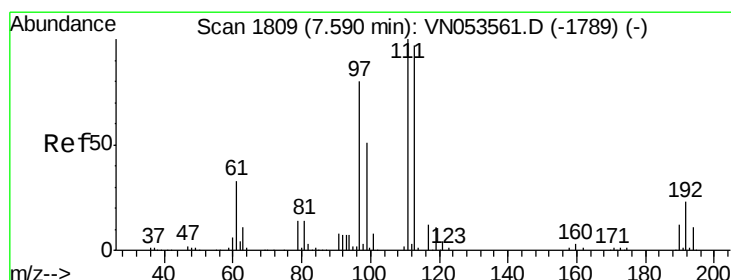
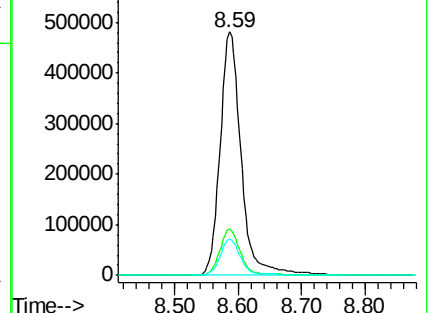
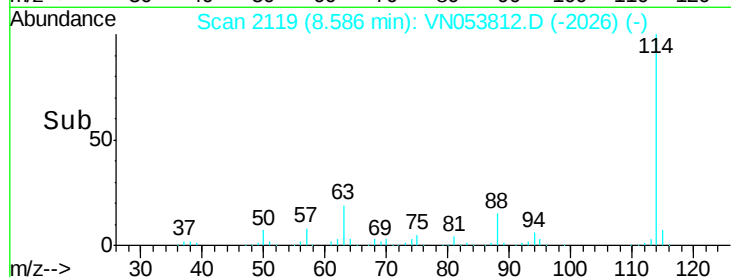
88 14.9 0.0 30.4



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: 50.705 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053812.D

Acq: 15 Feb 2019 20:39

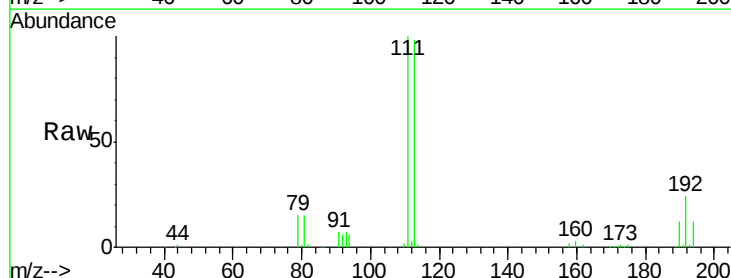
Tgt Ion:113 Resp: 355078

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

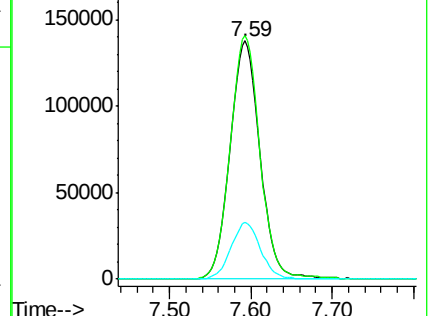
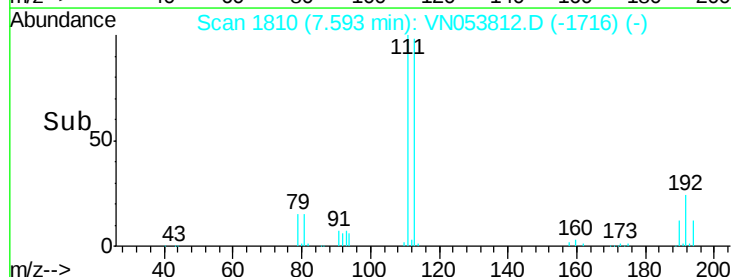
192 23.4 18.2 27.2

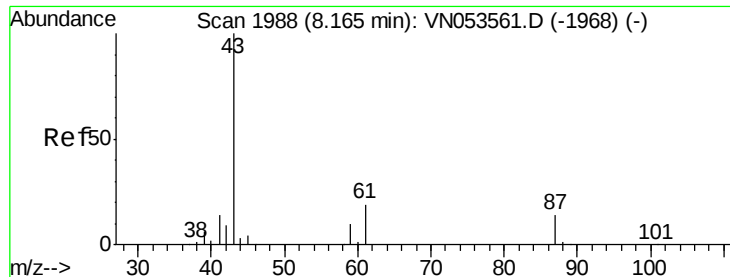


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.749 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053812.D

Acq: 15 Feb 2019 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#03

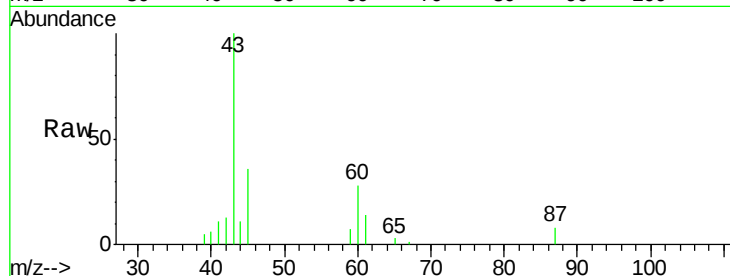
Tot Ion: 43 Resp: 29627

Ion Ratio Lower Upper

43 100

61 21.4 23.9 35.9#

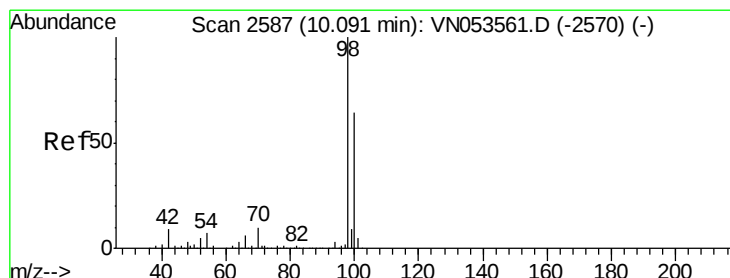
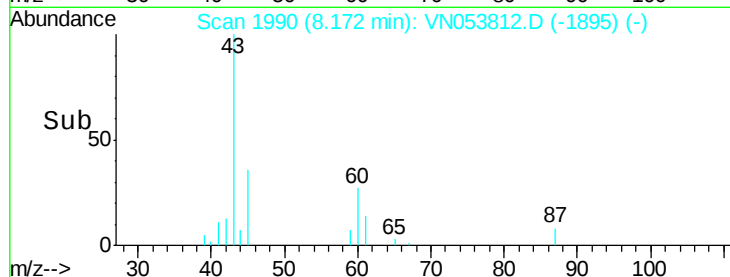
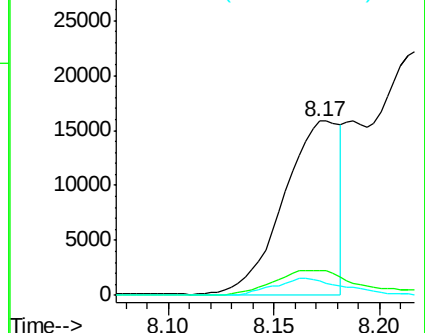
87 12.0 11.0 16.6



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: 51.294 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053812.D

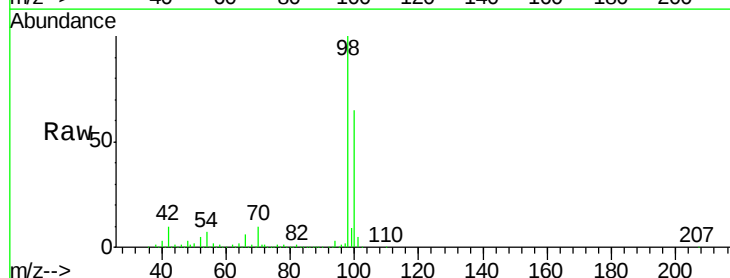
Acq: 15 Feb 2019 20:39

Tgt Ion: 98 Resp: 1348749

Ion Ratio Lower Upper

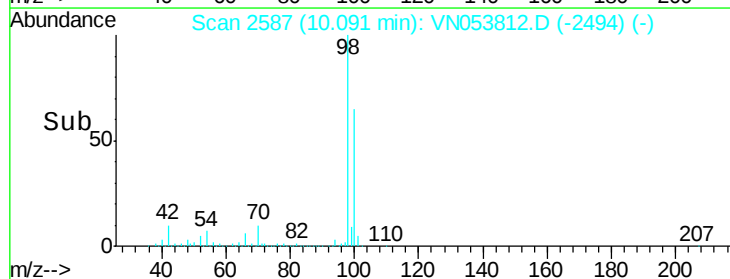
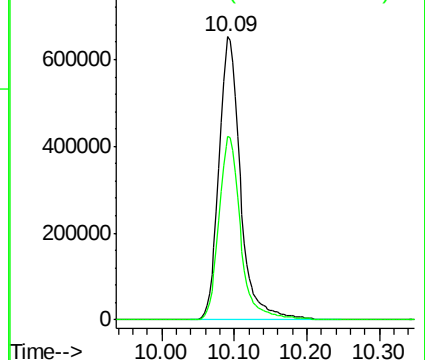
98 100

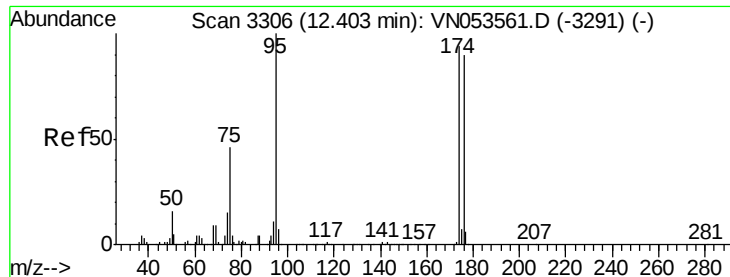
100 65.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.522 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN053812.D

Acq: 15 Feb 2019 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#03

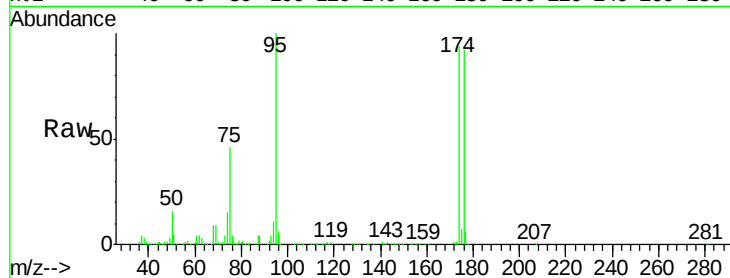
Tot Ion: 95 Resp: 443060

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.2

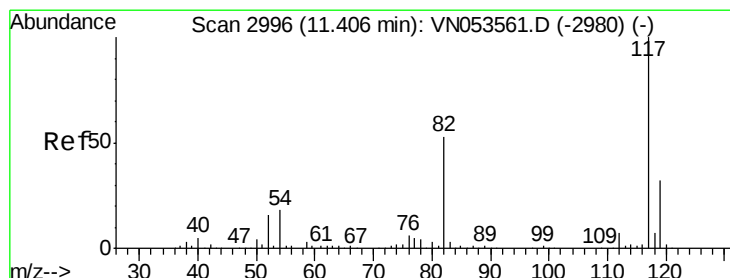
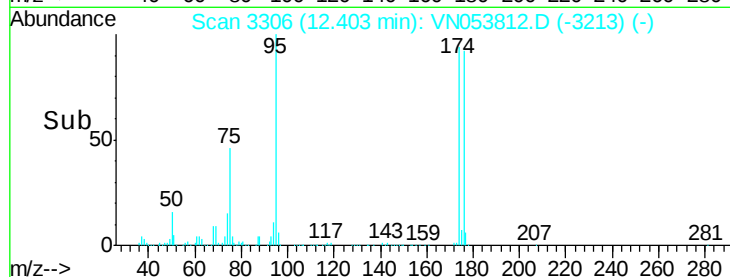
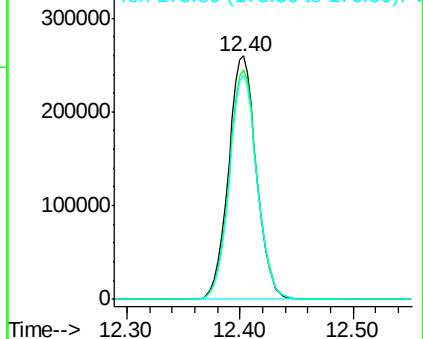
176 91.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053812.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053812.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053812.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053812.D

Acq: 15 Feb 2019 20:39

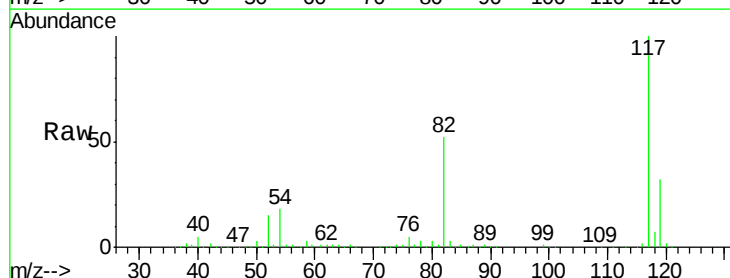
Tgt Ion: 117 Resp: 1046617

Ion Ratio Lower Upper

117 100

82 51.7 42.9 64.3

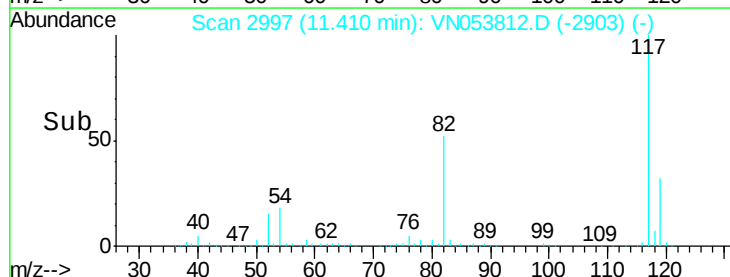
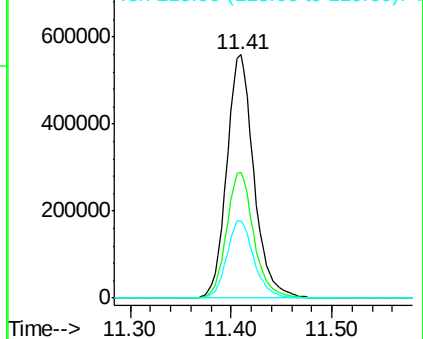
119 31.9 26.0 39.0

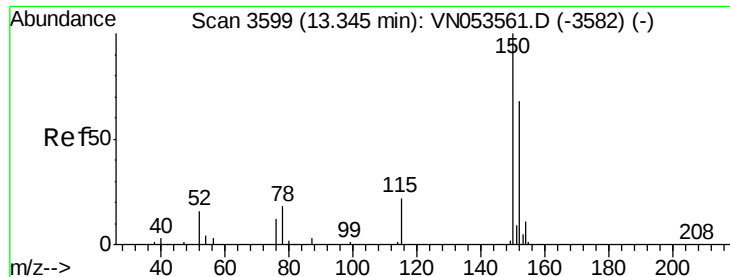


Abundance Ion 116.90 (116.60 to 117.60): VN053812.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053812.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053812.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: VN053812.D

Acq: 15 Feb 2019 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#03

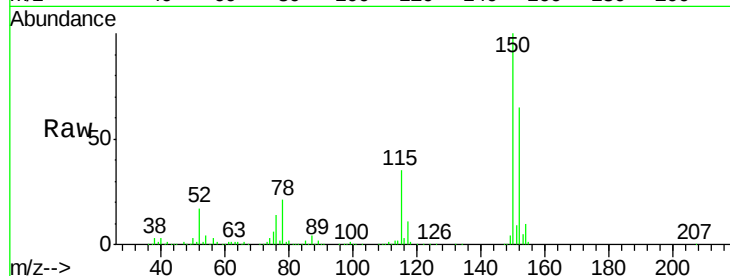
Tot Ion:152 Resp: 413165

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

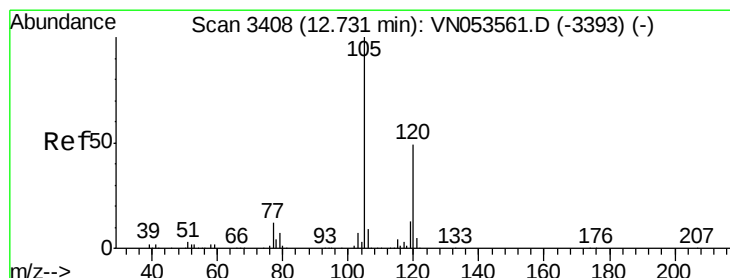
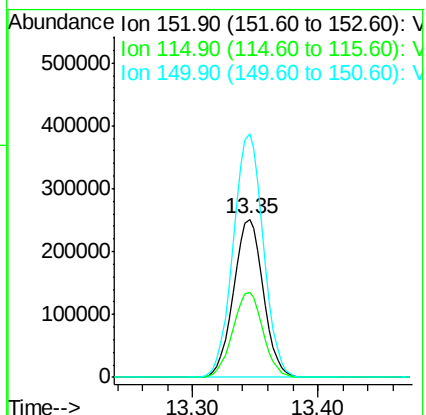
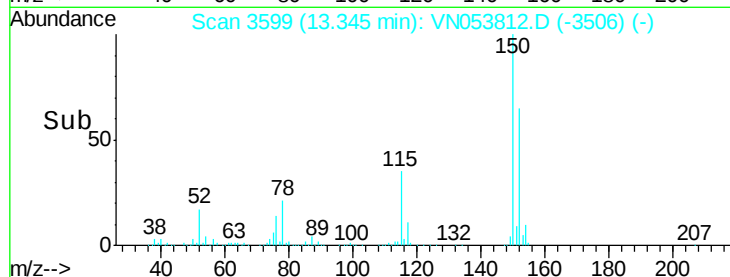
150 156.0 0.0 349.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.319 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053812.D

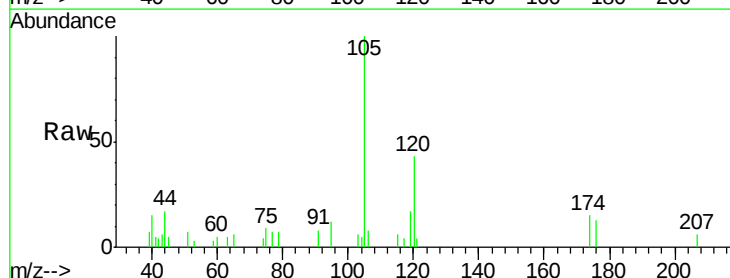
Acq: 15 Feb 2019 20:39

Tgt Ion:105 Resp: 7682

Ion Ratio Lower Upper

105 100

120 46.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

