

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053604.D
 Acq On : 4 Feb 2019 18:37
 Operator : JC/SP
 Sample : PB116782TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116782TB

Quant Time: Feb 05 03:21:47 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

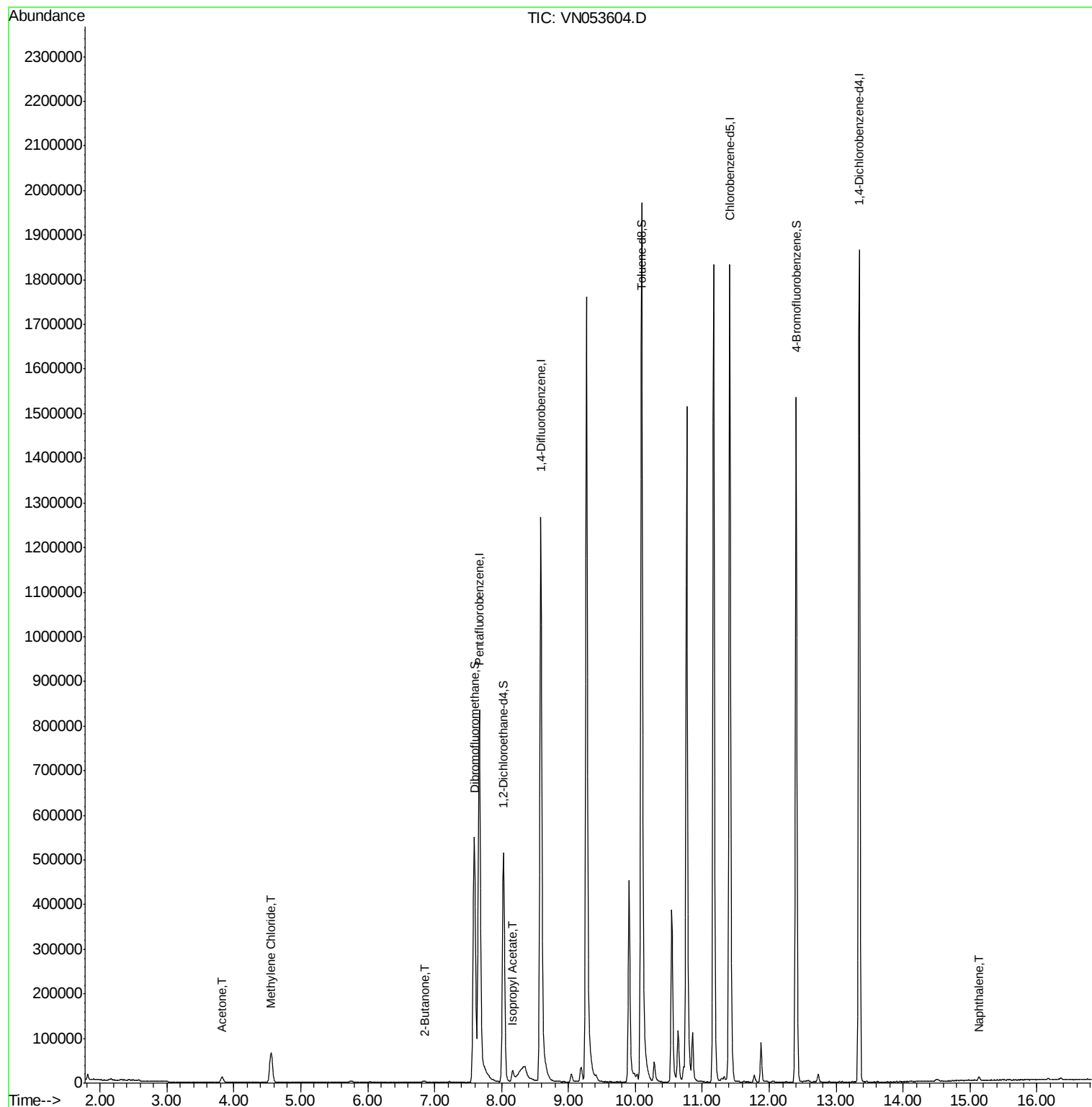
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	845267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1362728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1237517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	541176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438595	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	431071	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	1639375	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	551237	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
16) Acetone	3.82	43	22561	10.373	ug/l	99
20) Methylene Chloride	4.56	84	54112	5.930	ug/l	98
25) 2-Butanone	6.85	43	5926	1.910	ug/l	93
43) Isopropyl Acetate	8.17	43	34216	2.582	ug/l #	88
95) Naphthalene	15.14	128	7546	2.043	ug/l #	95

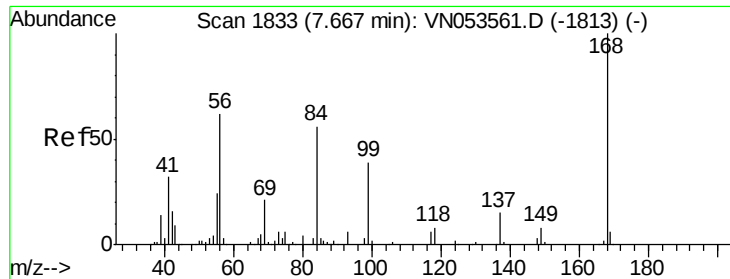
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020419\
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Quant Time: Feb 05 03:21:47 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: VN053604.D

Acq: 4 Feb 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

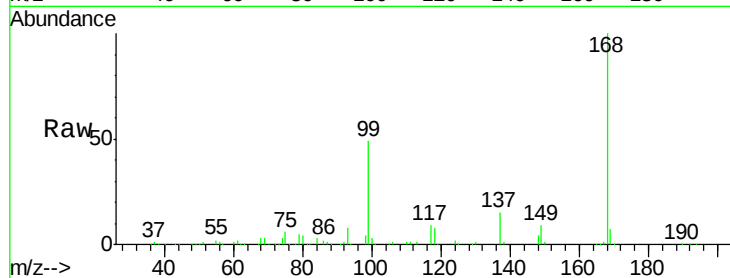
PB116782TB

Tot Ion:168 Resp: 845267

Ion Ratio Lower Upper

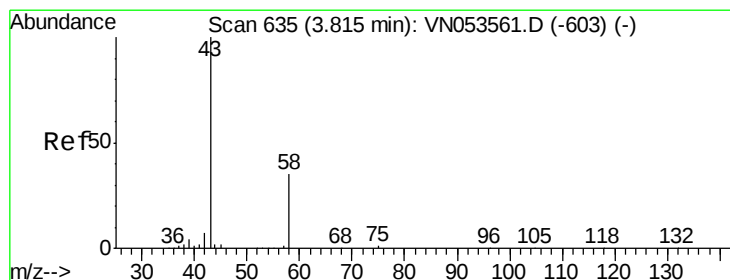
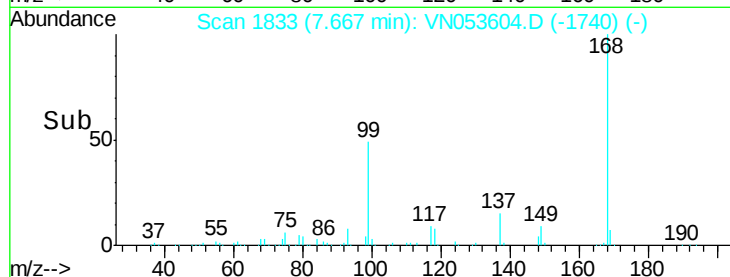
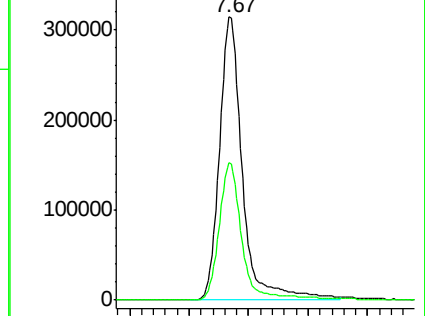
168 100

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): VN0



#16

Acetone

Concen: 10.373 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053604.D

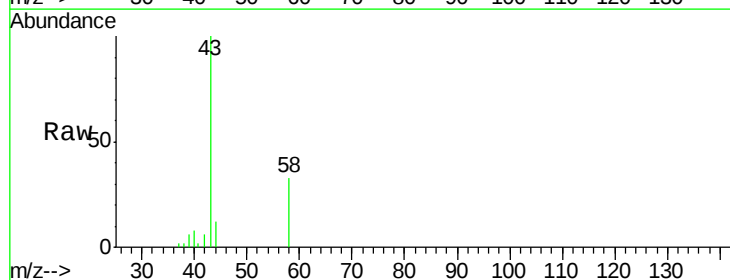
Acq: 4 Feb 2019 18:37

Tgt Ion: 43 Resp: 22561

Ion Ratio Lower Upper

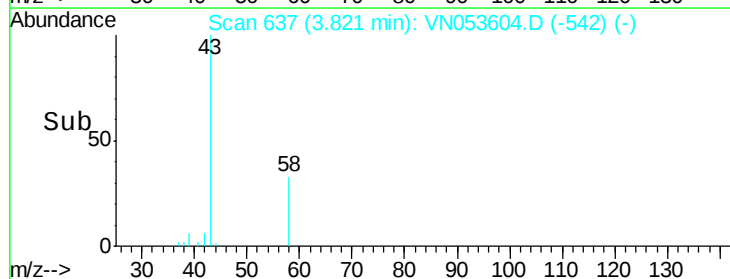
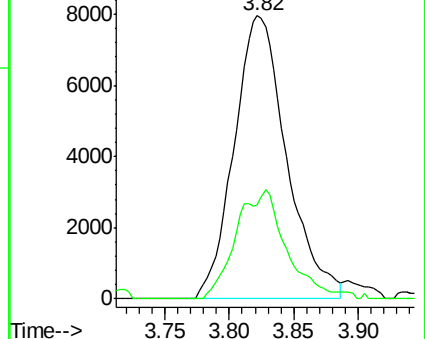
43 100

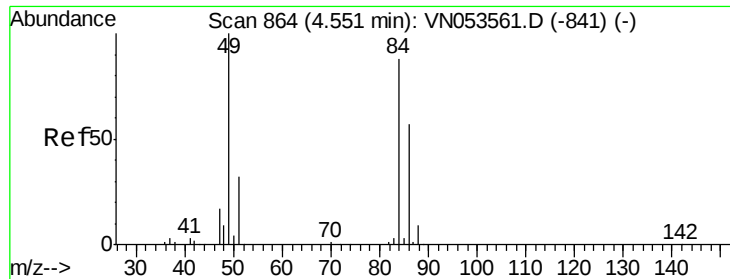
58 33.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

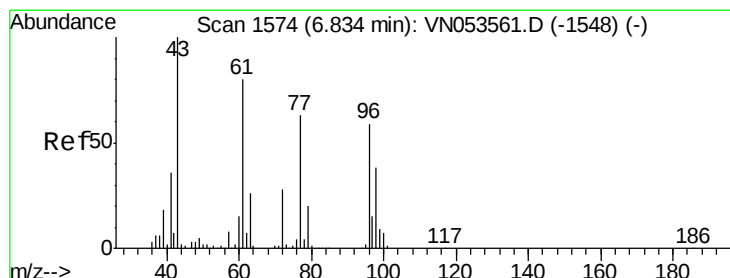
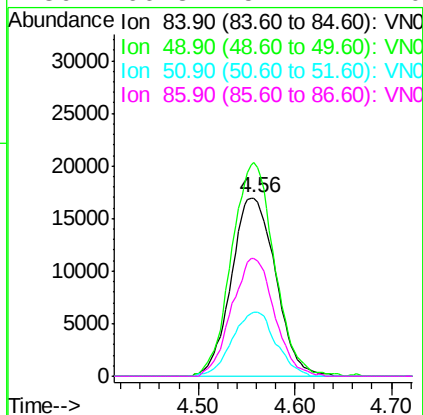
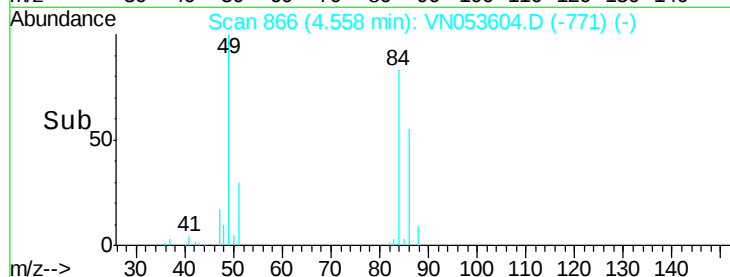
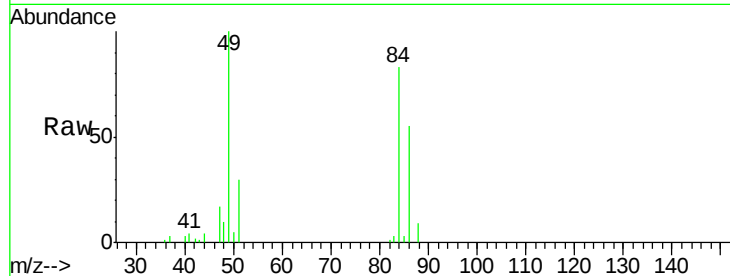




#20
Methvlene Chloride
Concen: 5.930 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053604.D
Acq: 4 Feb 2019 18:37

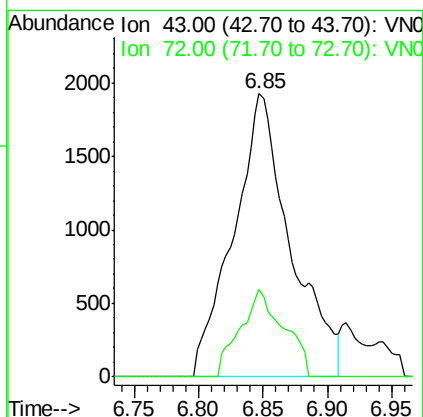
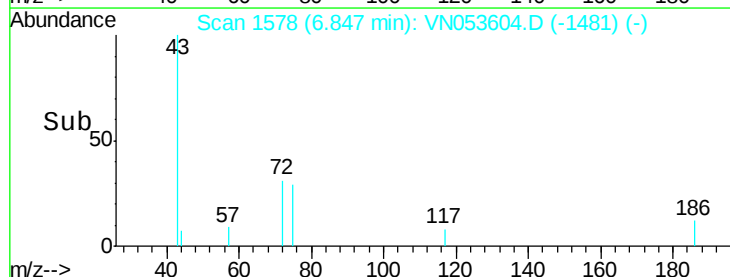
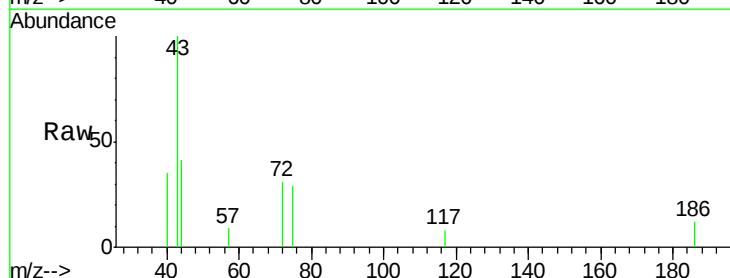
Instrument :
MSVOA_N
ClientSampled :
PB116782TB

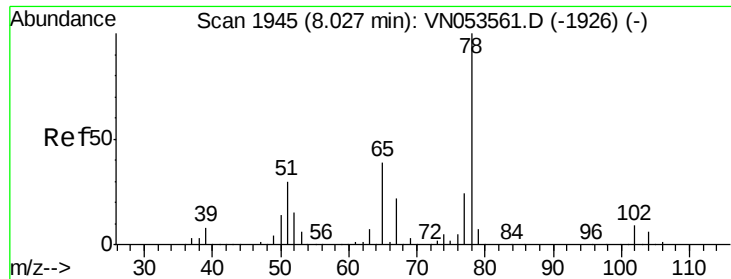
Tot Ion: 84 Resp: 54112
Ion Ratio Lower Upper
84 100
49 120.0 94.3 141.5
51 36.3 29.4 44.2
86 66.3 51.4 77.0



#25
2-Butanone
Concen: 1.910 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053604.D
Acq: 4 Feb 2019 18:37

Tgt Ion: 43 Resp: 5926
Ion Ratio Lower Upper
43 100
72 31.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053604.D

Acq: 4 Feb 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

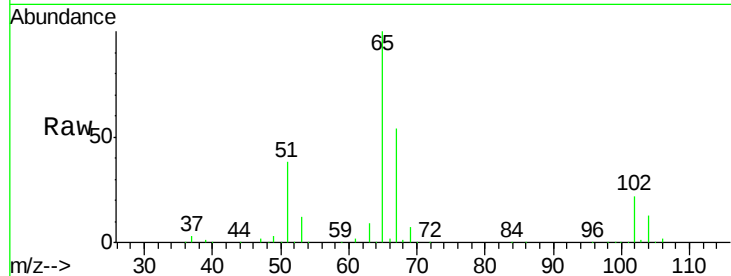
PB116782TB

Tot Ion: 65 Resp: 438595

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053604.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053604.D (-1852) (-)

8.03

200000

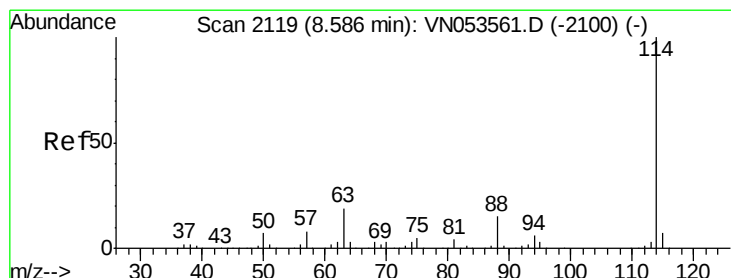
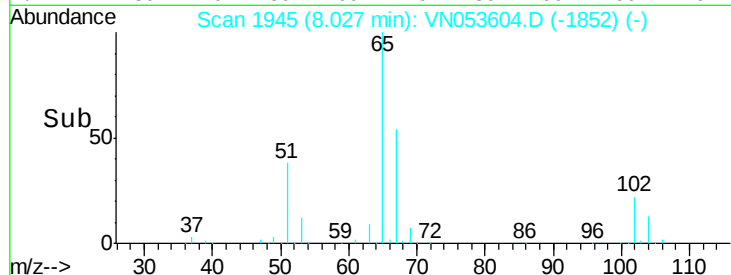
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053604.D

Acq: 4 Feb 2019 18:37

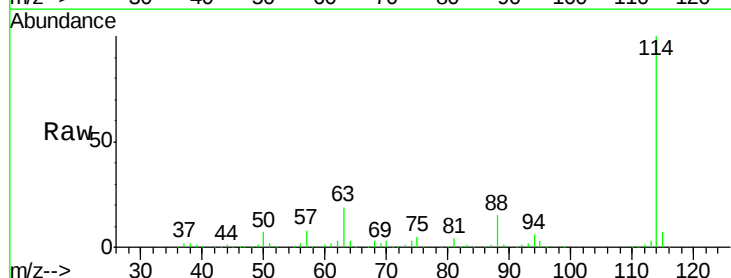
Tgt Ion: 114 Resp: 1362728

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053604.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053604.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053604.D (-2026) (-)

8.59

800000

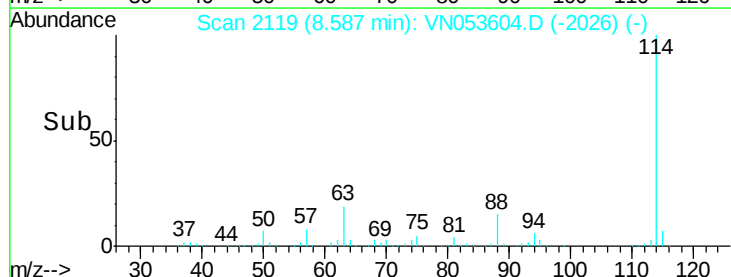
600000

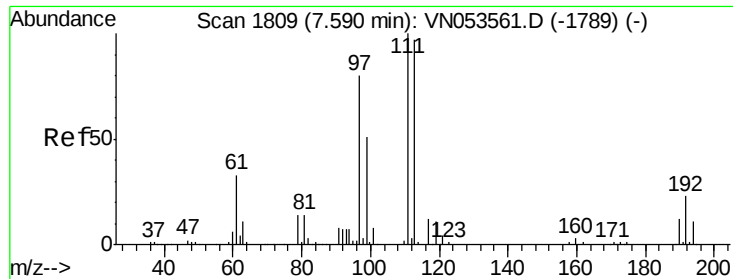
400000

200000

0

Time-->

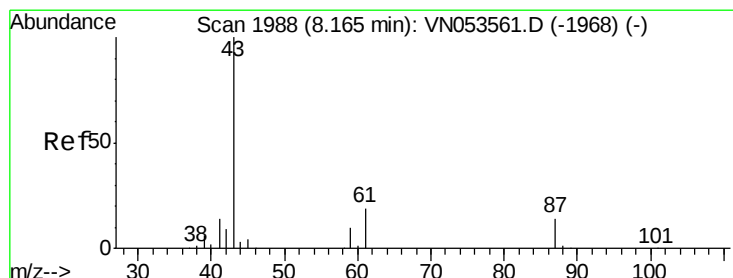
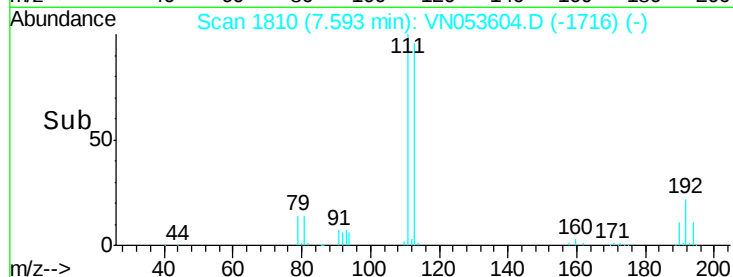
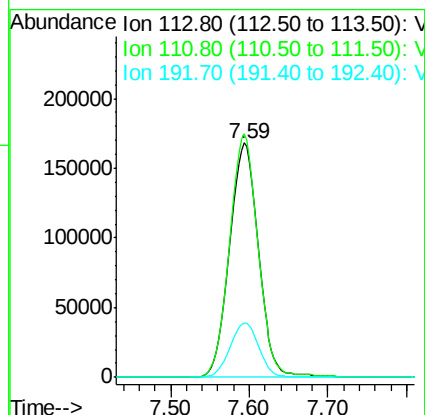
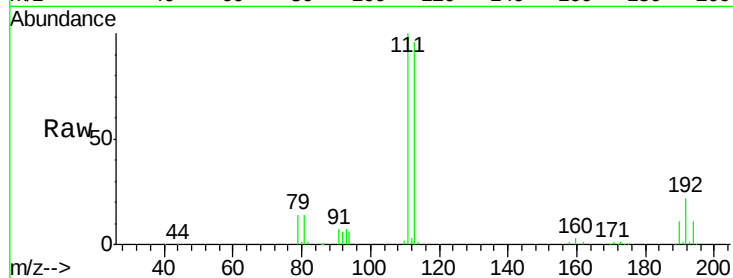




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053604.D
 Acq: 4 Feb 2019 18:37

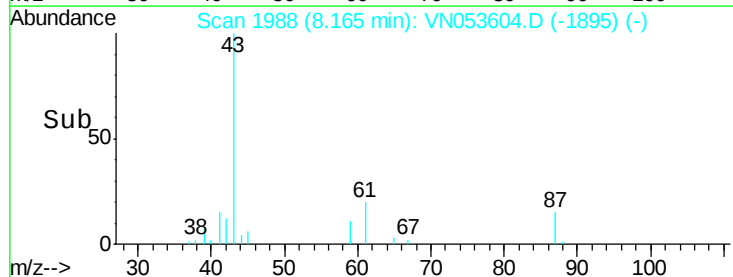
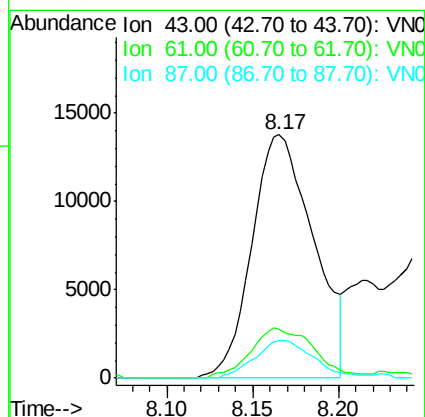
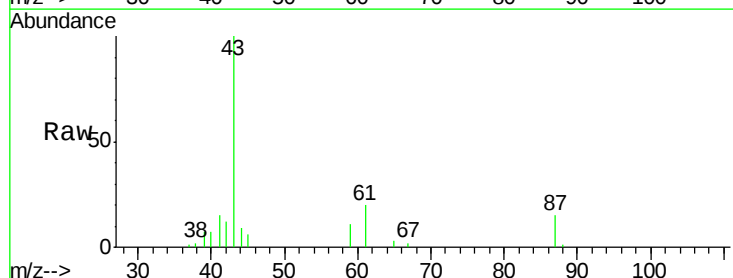
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116782TB

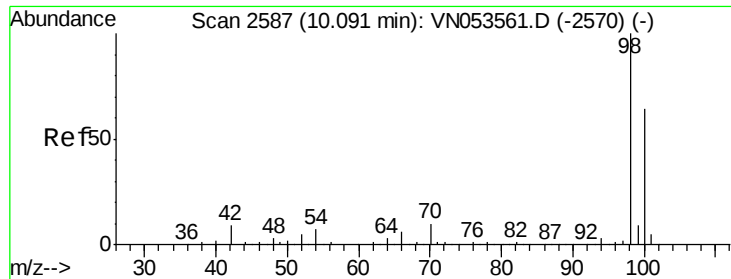
Tot Ion:113 Resp: 431071
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 23.0 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 2.582 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053604.D
 Acq: 4 Feb 2019 18:37

Tgt Ion: 43 Resp: 34216
 Ion Ratio Lower Upper
 43 100
 61 21.2 23.9 35.9#
 87 14.7 11.0 16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053604.D

Acq: 4 Feb 2019 18:37

Instrument :

MSVOA_N

ClientSampled :

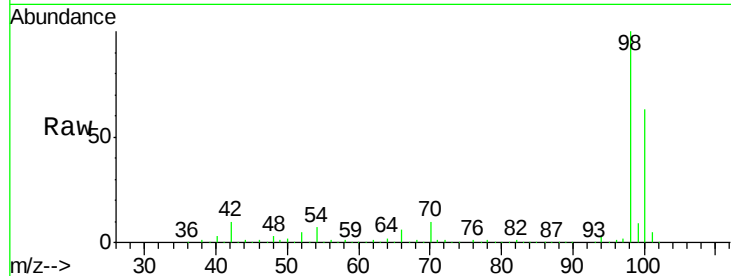
PB116782TB

Tot Ion: 98 Resp: 1639375

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

800000

600000

400000

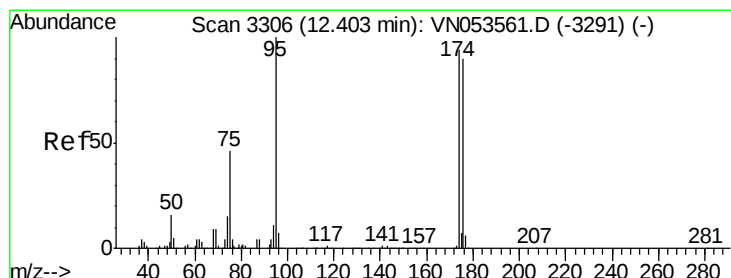
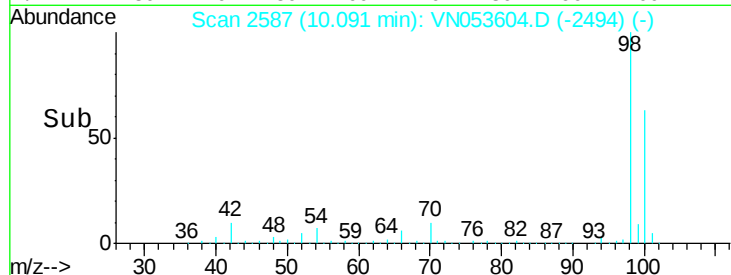
200000

0

10.00

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053604.D

Acq: 4 Feb 2019 18:37

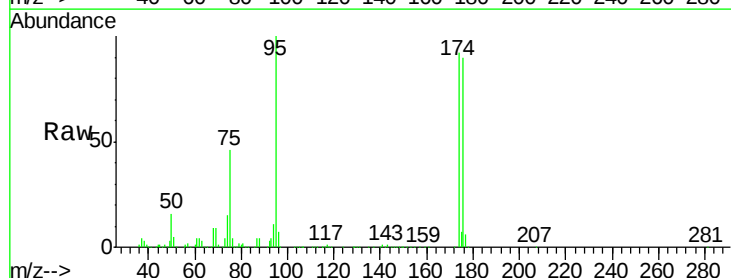
Tgt Ion: 95 Resp: 551237

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.2

176 88.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

12.40

400000

300000

200000

100000

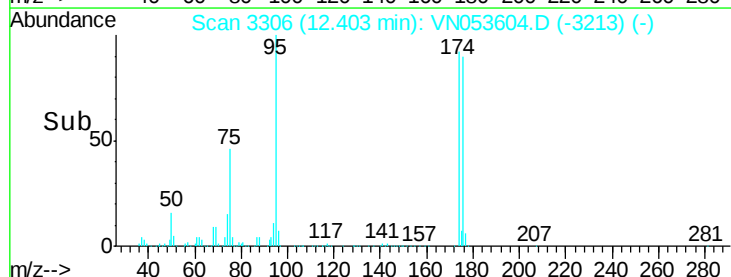
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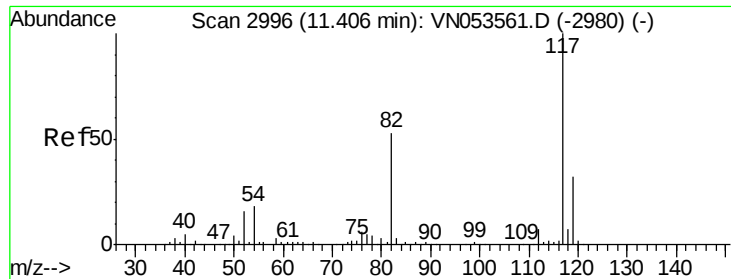
12.30

12.40

12.50

Time-->

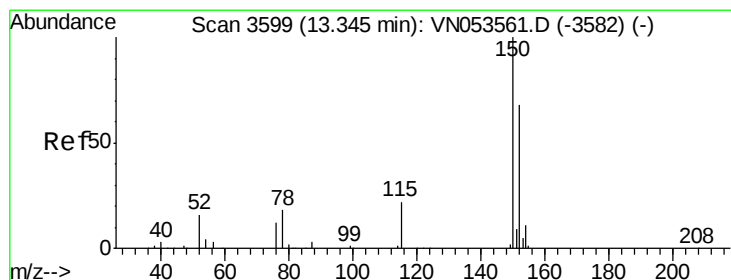
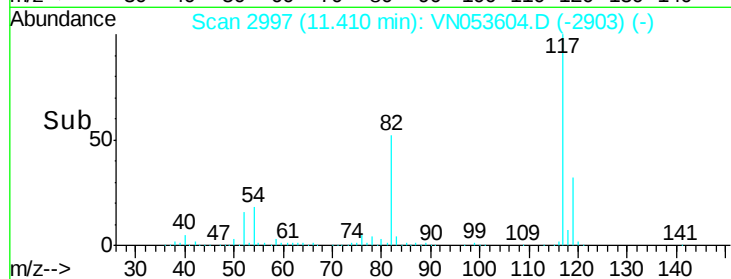
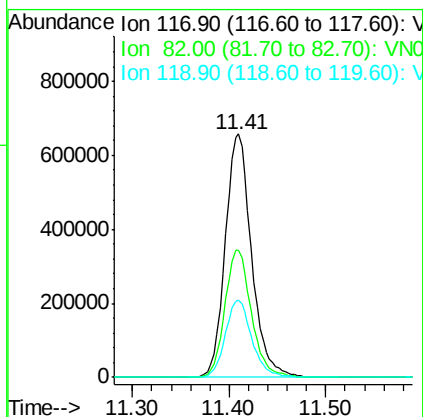
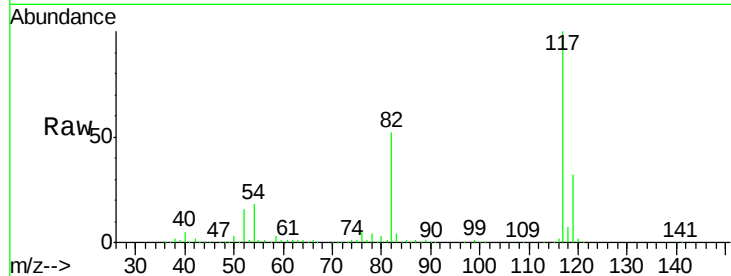




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053604.D
Acq: 4 Feb 2019 18:37

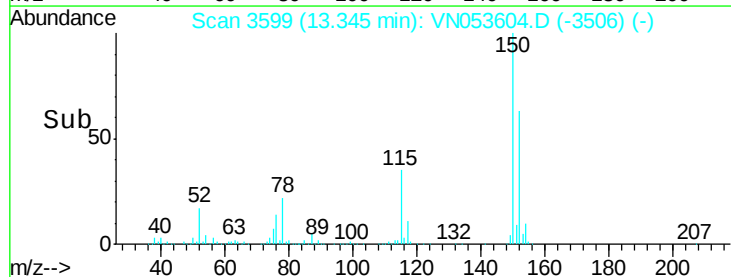
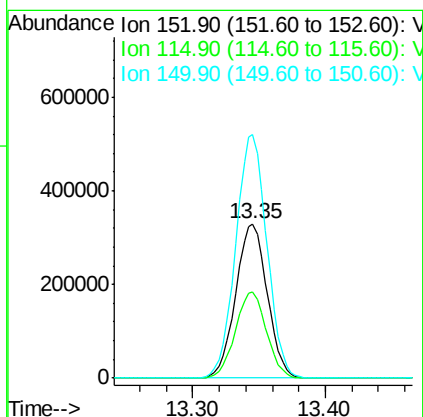
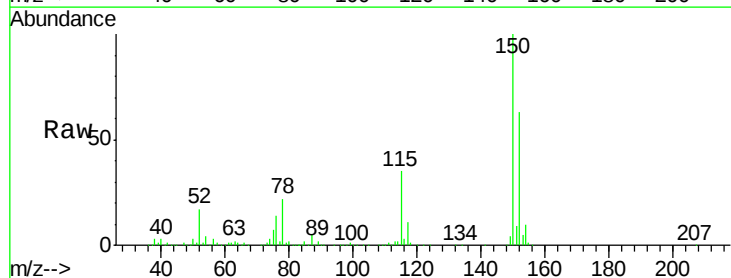
Instrument :
MSVOA_N
ClientSampleId :
PB116782TB

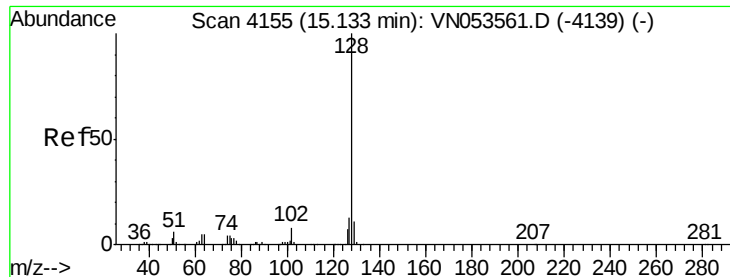
Tot Ion:117 Resp: 1237517
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053604.D
Acq: 4 Feb 2019 18:37

Tgt Ion:152 Resp: 541176
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.7 0.0 349.0





#95

Naphthalene

Concen: 2.043 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053604.D

Acq: 4 Feb 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

PB116782TB

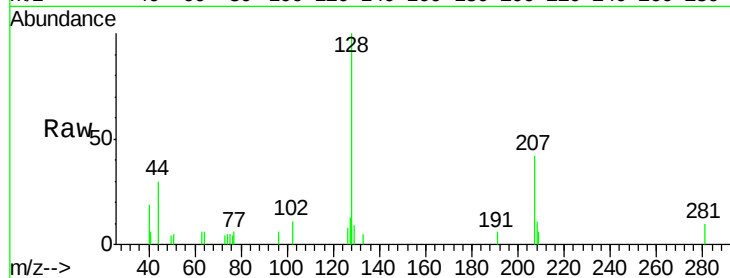
Tot Ion:128 Resp: 7546

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 8.1 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

