

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053848.D
 Acq On : 18 Feb 2019 17:28
 Operator : JC/SP
 Sample : PB117159ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#12

Quant Time: Feb 19 03:50:31 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

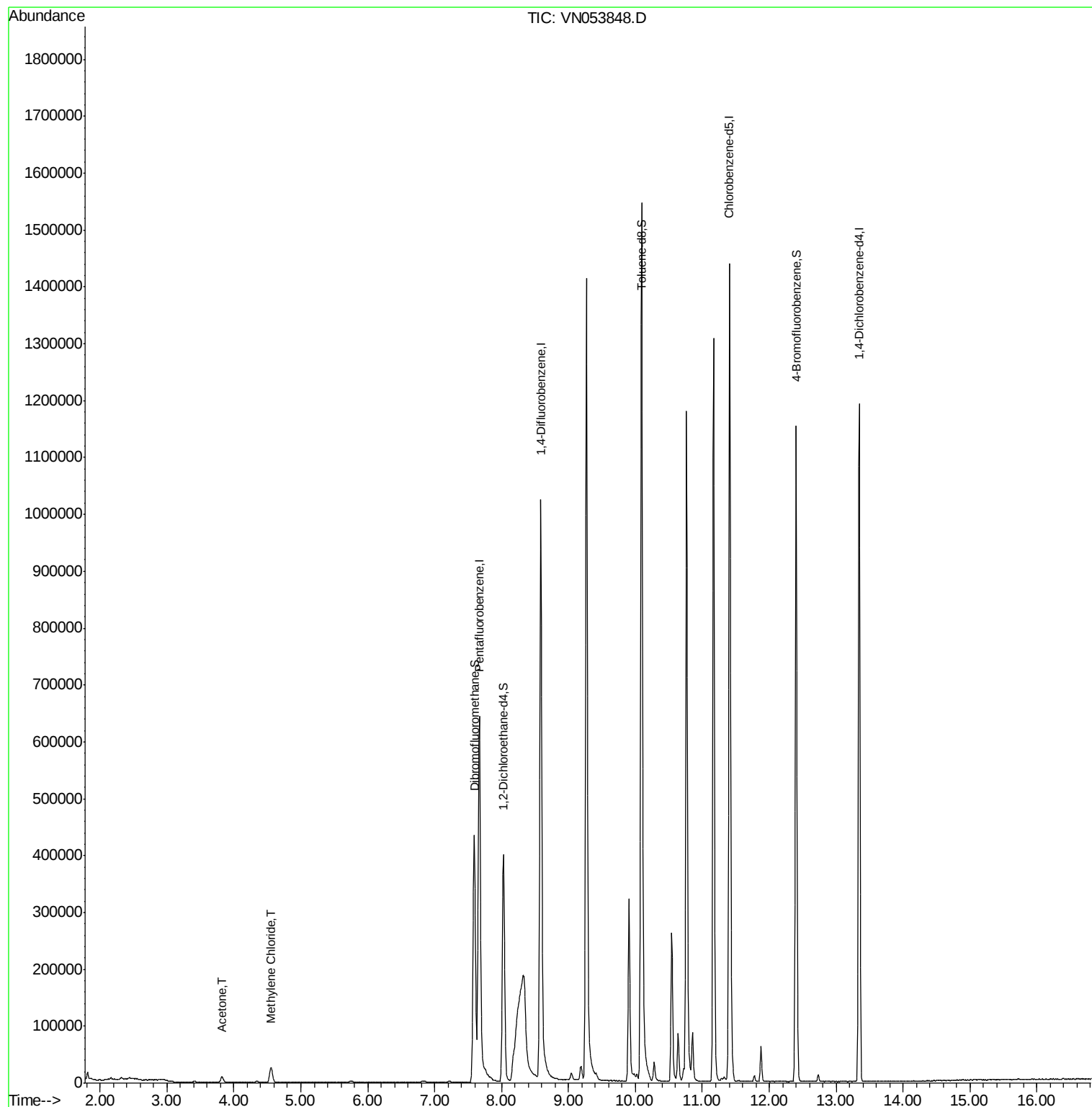
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	653390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1064066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	975003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	343413	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	7.59	113	331508	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.09	98	1260175	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	405069	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	3.82	43	18827	11.198	ug/l	95
20) Methylene Chloride	4.55	84	22259	3.156	ug/l	91

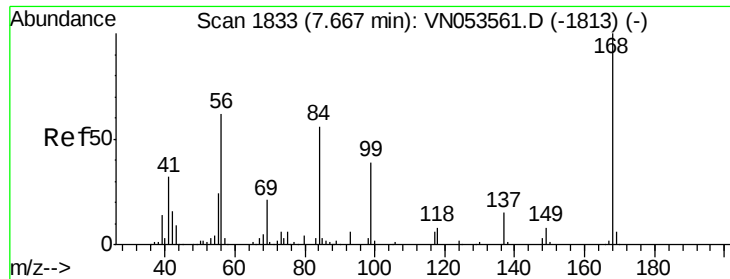
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 09:11:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053848.D

Acq: 18 Feb 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

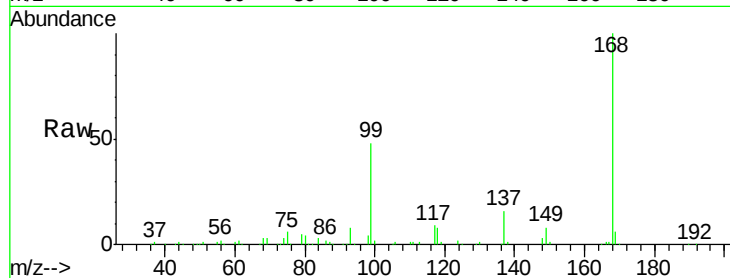
PB117159ZHE#12

Tot Ion:168 Resp: 653390

Ion Ratio Lower Upper

168 100

99 47.9 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

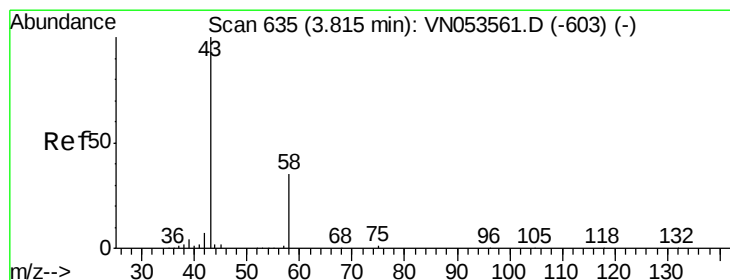
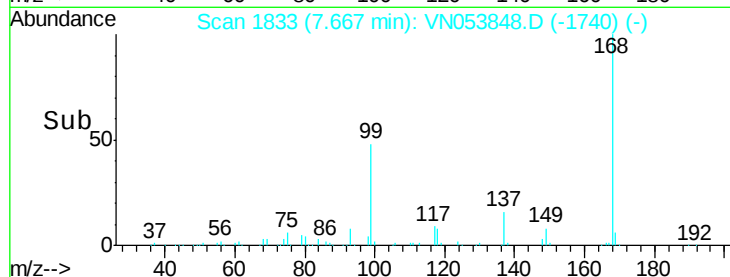
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.198 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053848.D

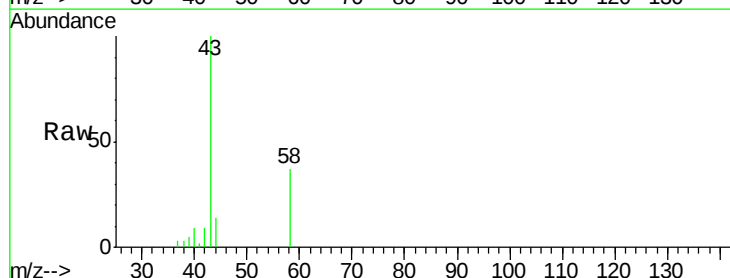
Acq: 18 Feb 2019 17:28

Tgt Ion: 43 Resp: 18827

Ion Ratio Lower Upper

43 100

58 36.8 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

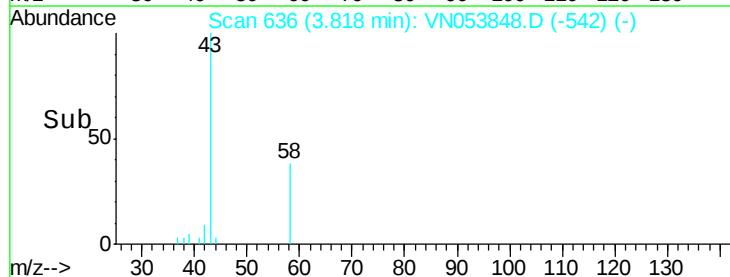
6000

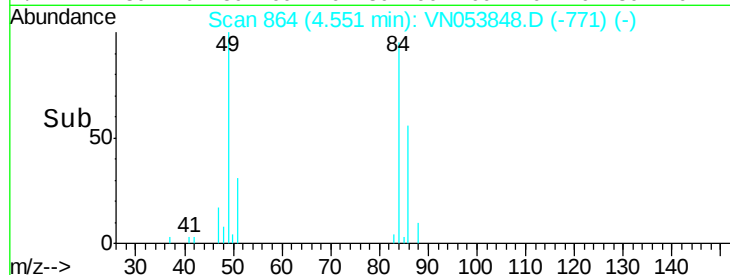
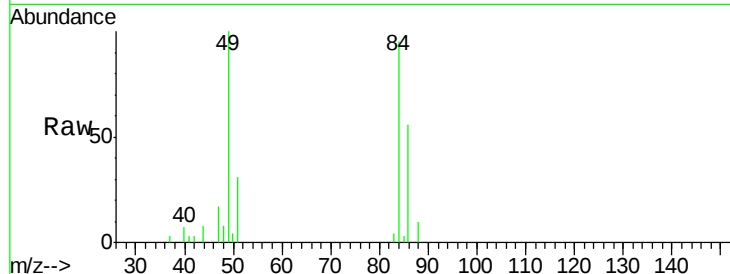
4000

2000

0

Time-->

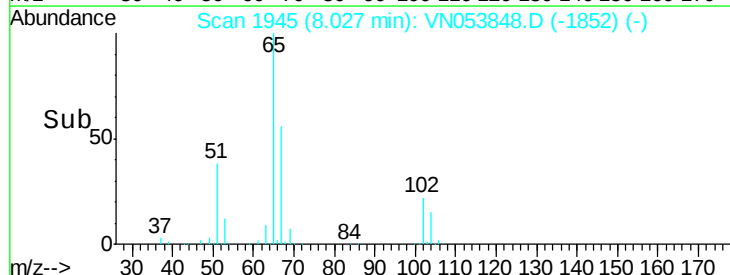
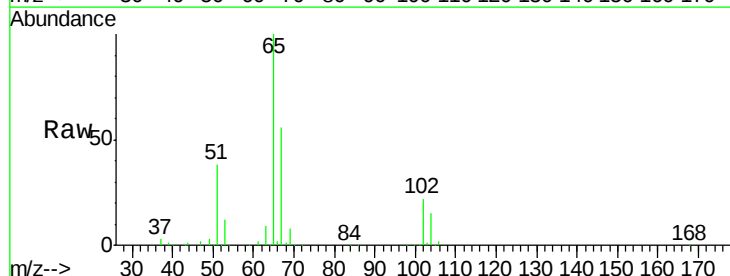
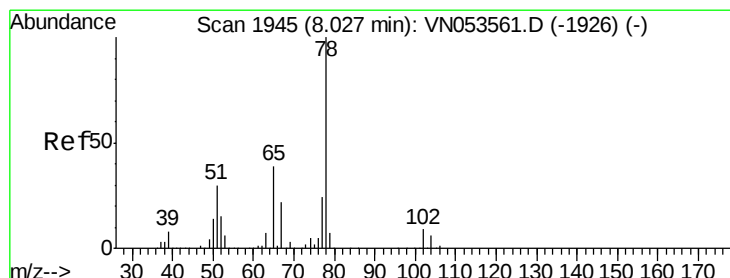
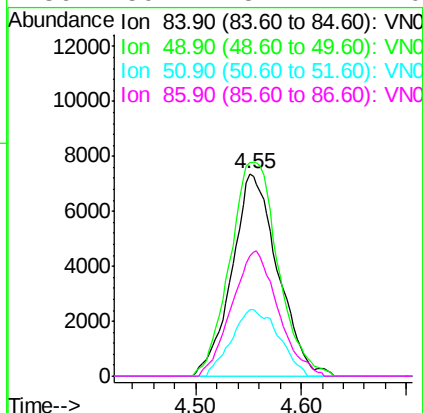




#20
Methvlene Chloride
Concen: 3.156 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053848.D
Acq: 18 Feb 2019 17:28

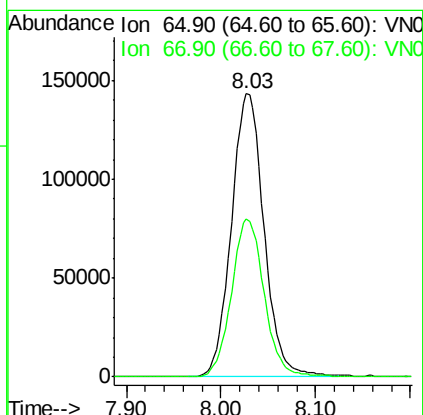
Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#12

Tot Ion:	84	Resp:	22259
Ion	Ratio	Lower	Upper
84	100		
49	105.5	94.3	141.5
51	33.1	29.4	44.2
86	59.2	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.391 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053848.D
Acq: 18 Feb 2019 17:28

Tgt Ion:	65	Resp:	343413
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	111.2

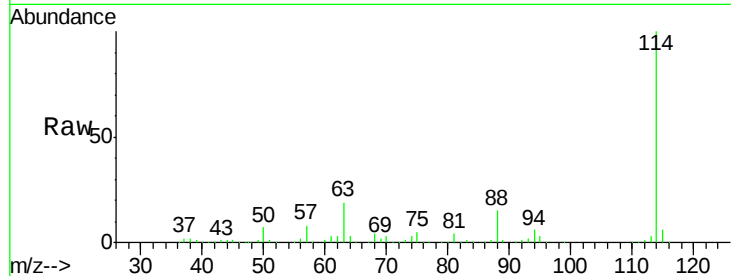




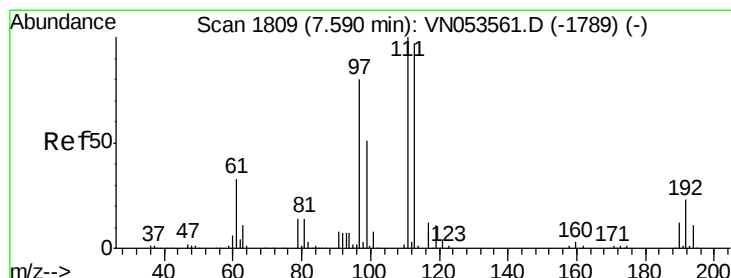
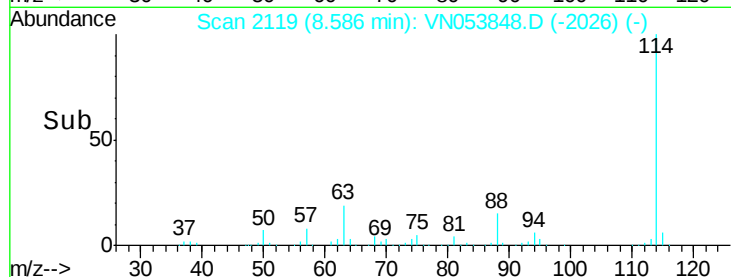
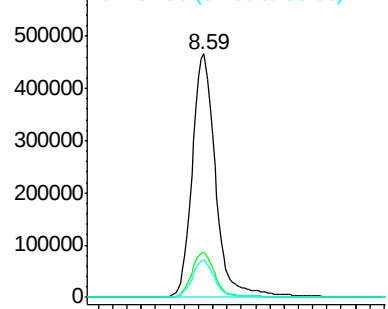
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053848.D
 Acq: 18 Feb 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#12

Tot Ion:114 Resp: 1064066
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.3 0.0 30.4

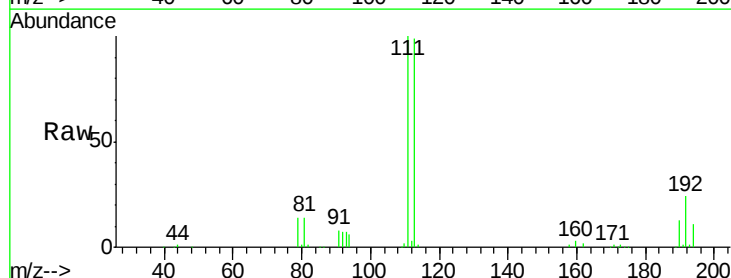


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

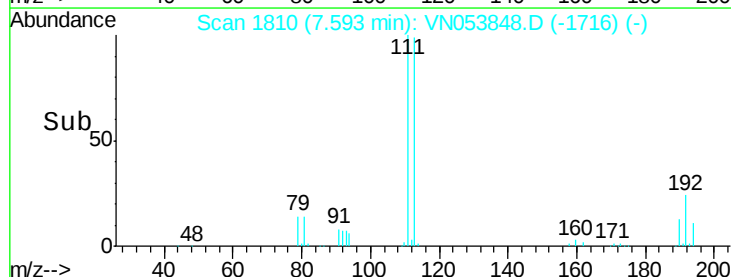
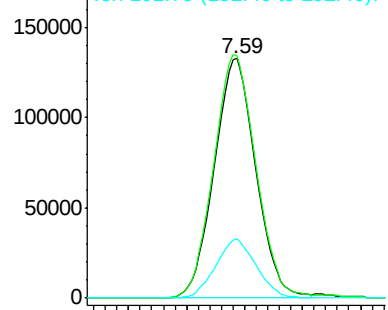


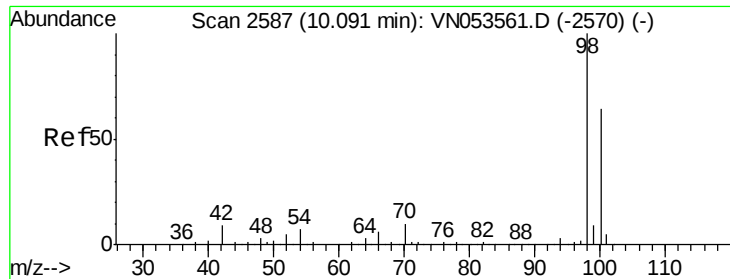
#35
 Dibromofluoromethane
 Concen: 49.306 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053848.D
 Acq: 18 Feb 2019 17:28

Tgt Ion:113 Resp: 331508
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 24.2 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





#50

Toluene-d8

Concen: 49.917 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053848.D

Acq: 18 Feb 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

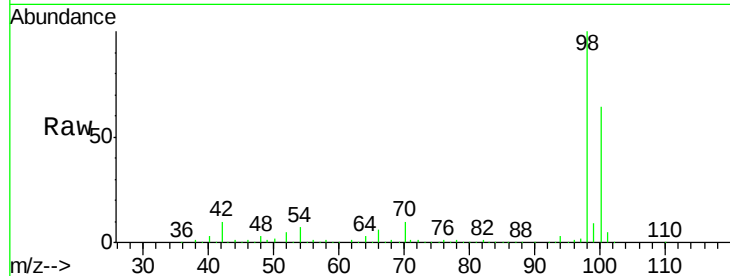
PB117159ZHE#12

Tot Ion: 98 Resp: 1260175

Ion Ratio Lower Upper

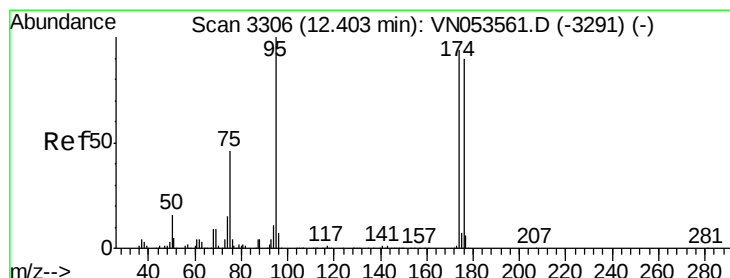
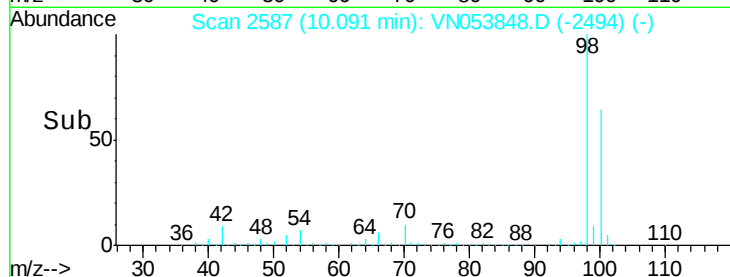
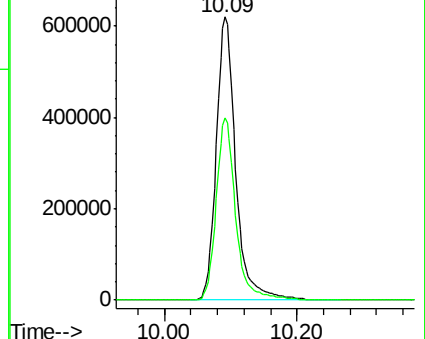
98 100

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): VN



#62

4-Bromofluorobenzene

Concen: 48.109 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053848.D

Acq: 18 Feb 2019 17:28

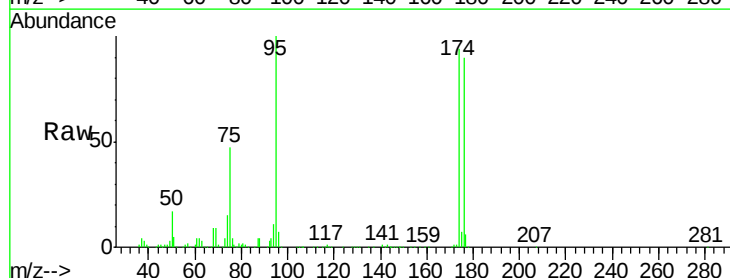
Tgt Ion: 95 Resp: 405069

Ion Ratio Lower Upper

95 100

174 95.7 0.0 183.2

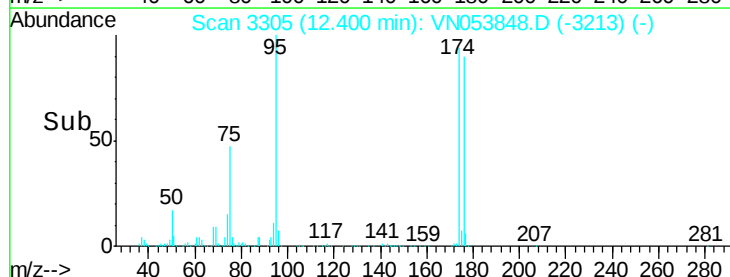
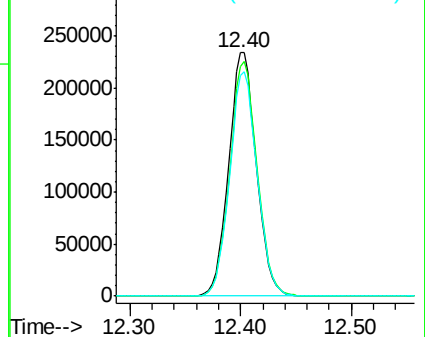
176 91.8 0.0 177.4

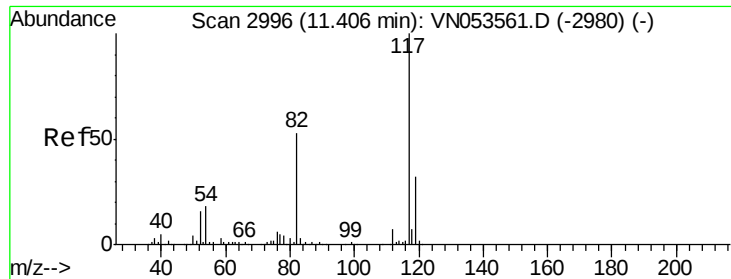


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

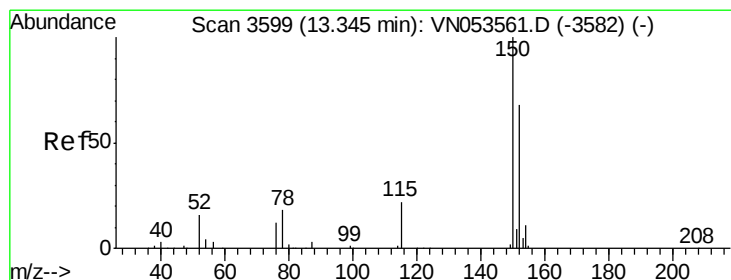
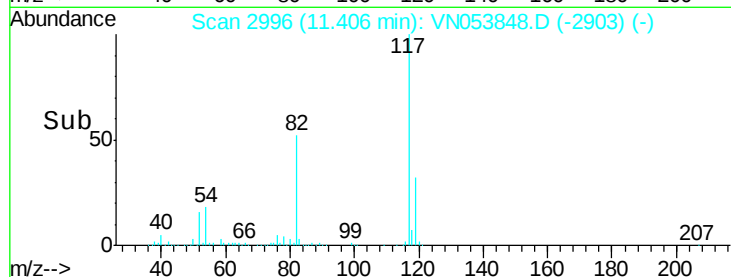
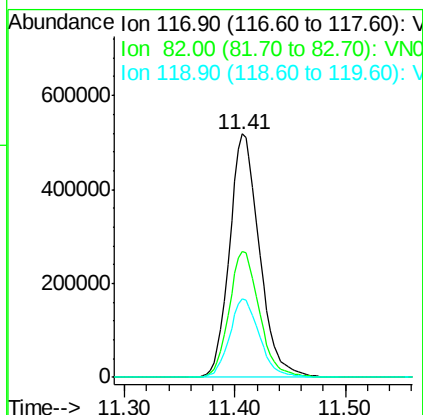
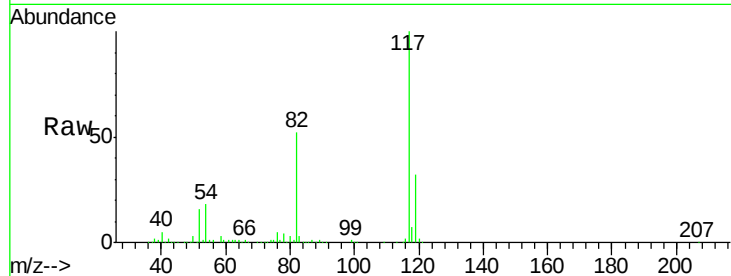




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053848.D
Acq: 18 Feb 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#12

Tot Ion:117 Resp: 975003
Ion Ratio Lower Upper
117 100
82 51.7 42.9 64.3
119 32.0 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: VN053848.D
Acq: 18 Feb 2019 17:28

Tgt Ion:152 Resp: 356992
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 155.5 0.0 349.0

