

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053840.D
 Acq On : 18 Feb 2019 13:54
 Operator : JC/SP
 Sample : PB117159ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#04

Quant Time: Feb 19 03:37:39 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

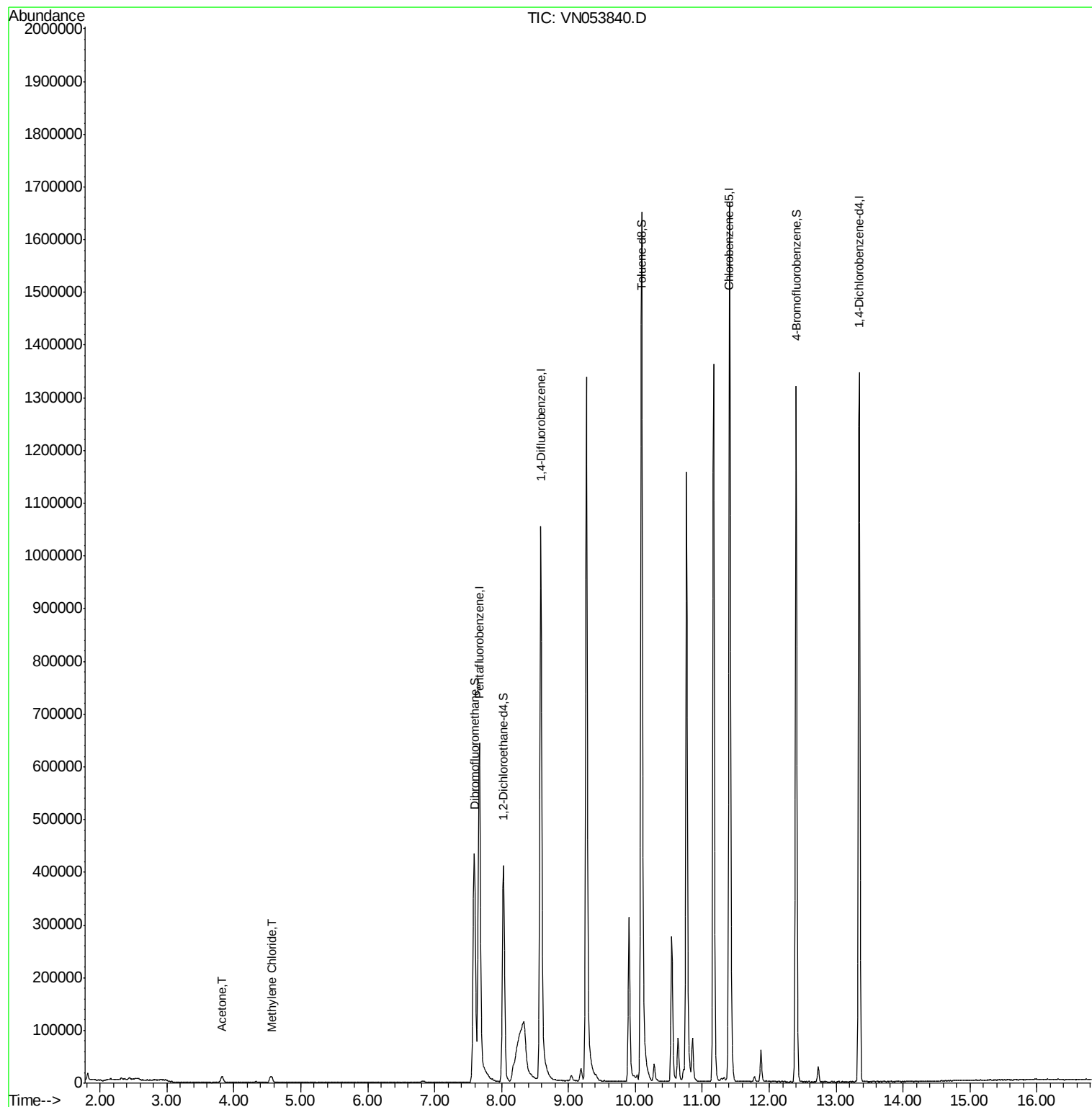
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	652437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1104727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	351215	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.59	113	350423	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.09	98	1354264	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	454587	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
Target Compounds						
16) Acetone	3.82	43	21002	12.510	ug/l	90
20) Methylene Chloride	4.56	84	9787	1.390	ug/l	94

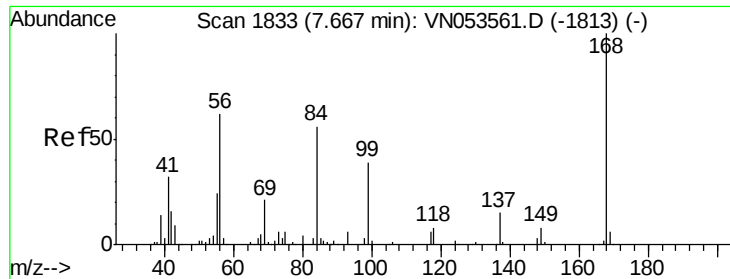
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053840.D

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MSVOA_N

ClientSampleId :

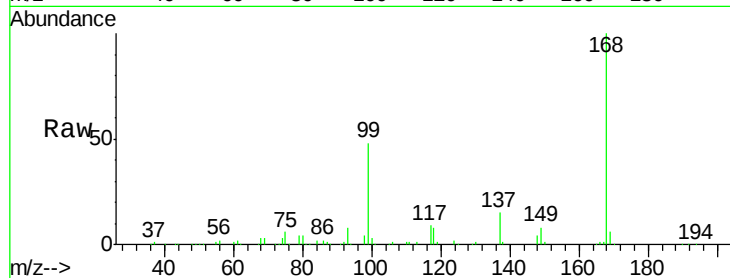
PB117159ZHE#04

Tot Ion:168 Resp: 652437

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053840.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053840.D (-1740) (-)

7.67

250000

200000

150000

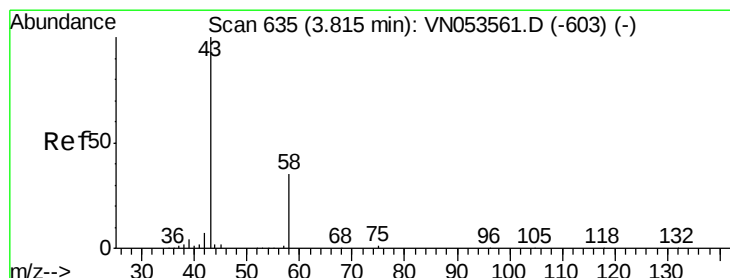
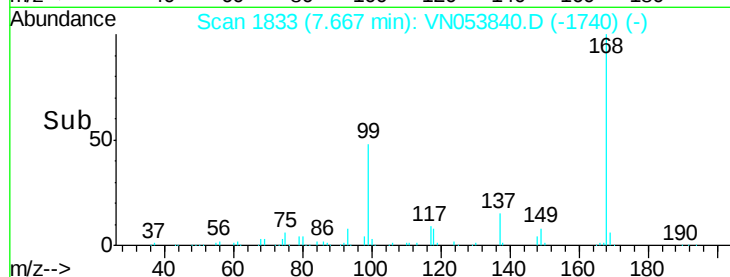
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 12.510 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053840.D

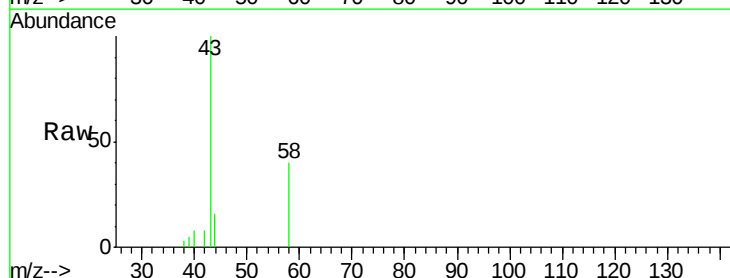
Acq: 18 Feb 2019 13:54

Tgt Ion: 43 Resp: 21002

Ion Ratio Lower Upper

43 100

58 39.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053840.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053840.D (-542) (-)

3.82

8000

6000

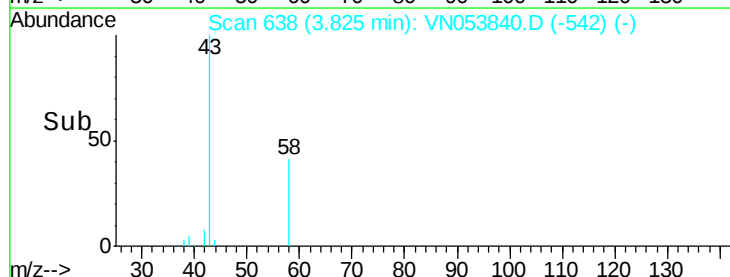
4000

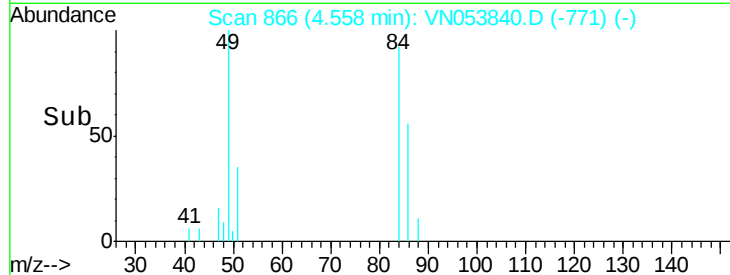
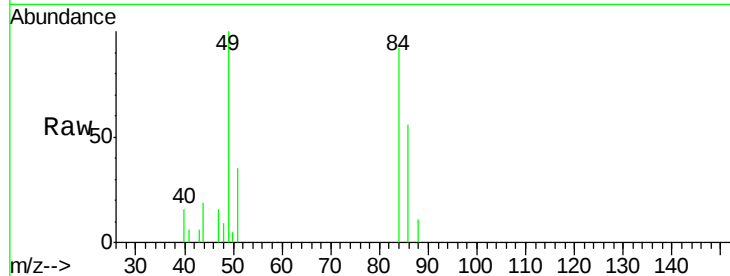
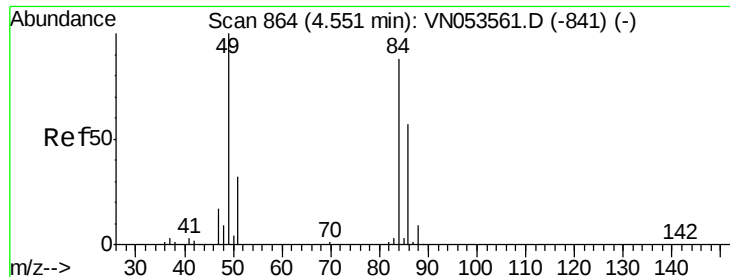
2000

0

3.75 3.80 3.85 3.90

Time-->

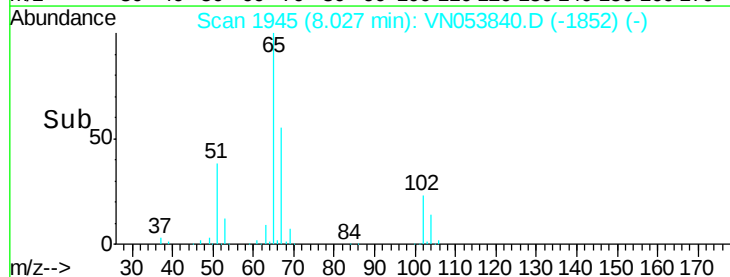
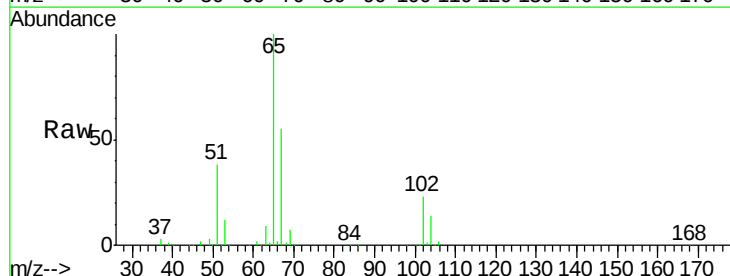
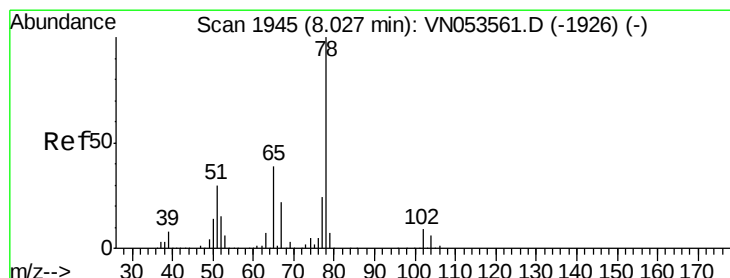
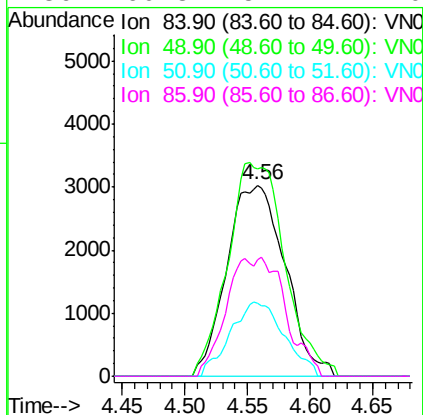




#20
Methvlene Chloride
Concen: 1.390 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053840.D
Acq: 18 Feb 2019 13:54

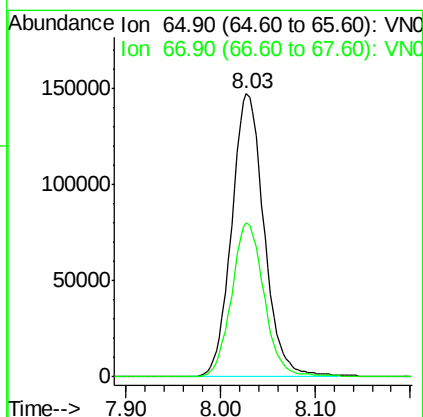
Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#04

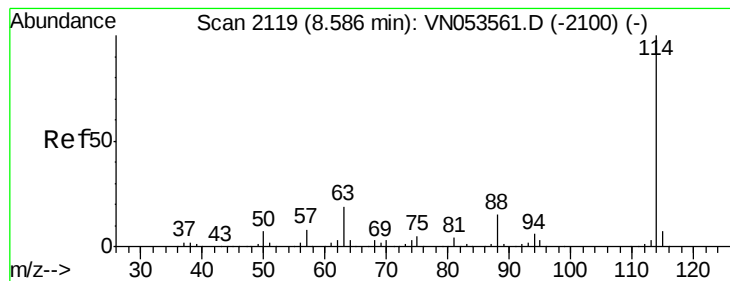
Tot Ion:	84	Resp:	9787
Ion	Ratio	Lower	Upper
84	100		
49	108.9	94.3	141.5
51	38.1	29.4	44.2
86	60.8	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.660 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053840.D
Acq: 18 Feb 2019 13:54

Tgt Ion:	65	Resp:	351215
Ion	Ratio	Lower	Upper
65	100		
67	54.7	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: VN053840.D

Acq: 18 Feb 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#04

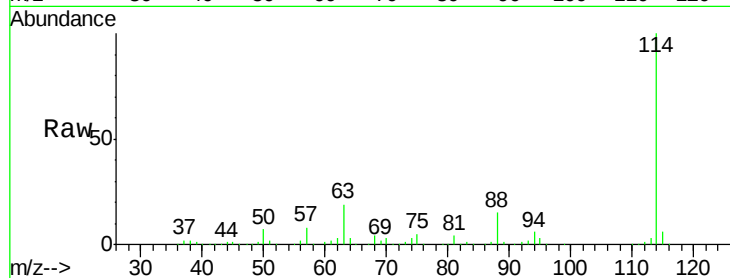
Tot Ion:114 Resp: 1104727

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

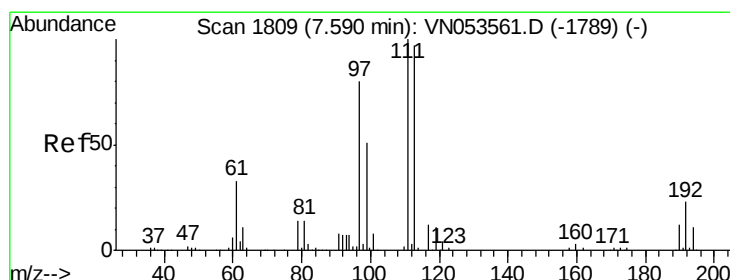
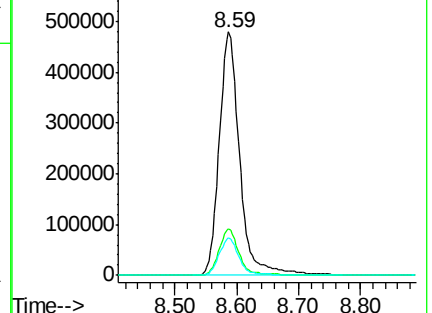
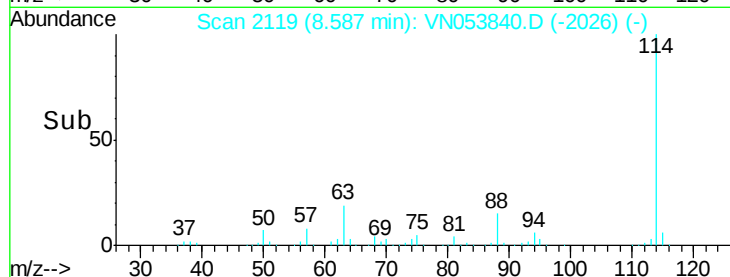
88 15.3 0.0 30.4



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: 50.201 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053840.D

Acq: 18 Feb 2019 13:54

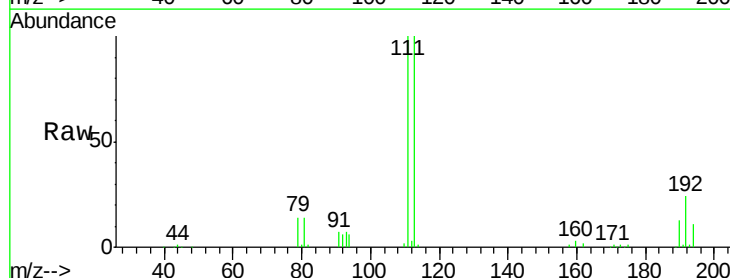
Tgt Ion:113 Resp: 350423

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

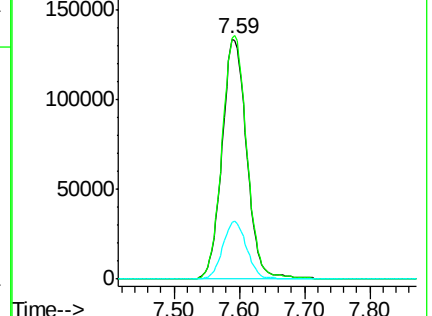
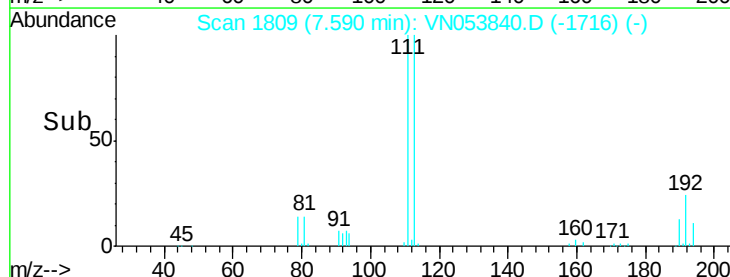
192 23.4 18.2 27.2

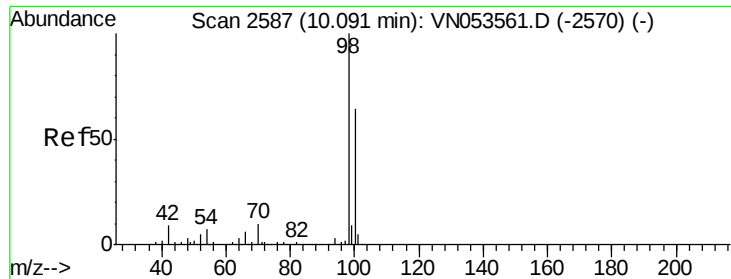


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053840.D

Acq: 18 Feb 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

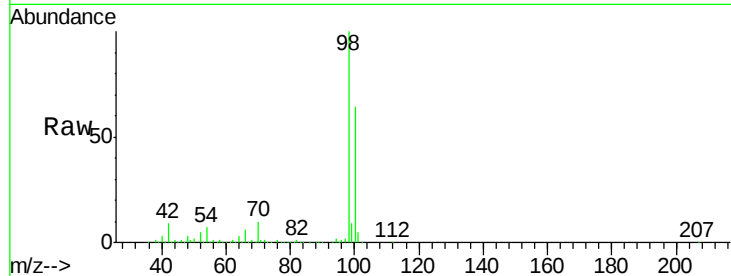
PB117159ZHE#04

Tot Ion: 98 Resp: 1354264

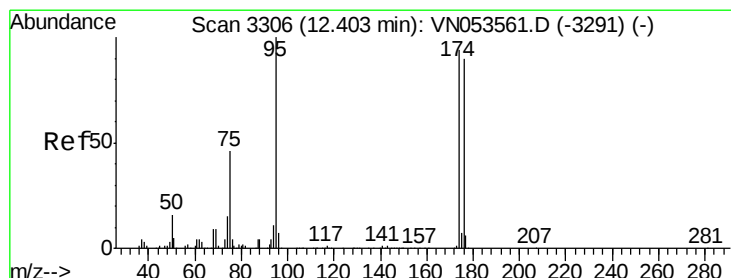
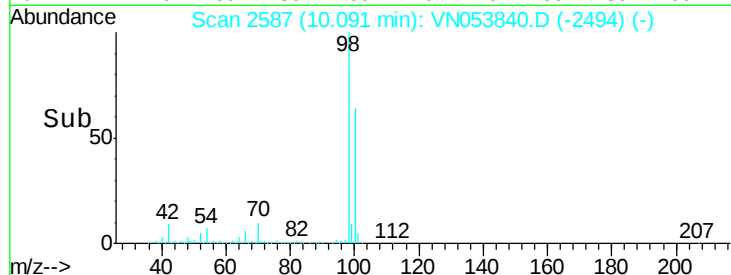
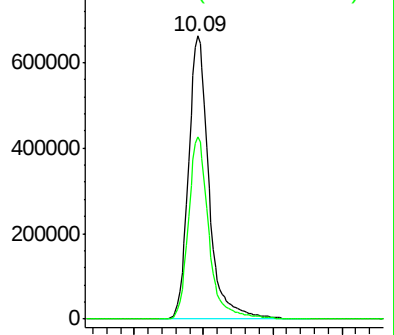
Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



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



#62

4-Bromofluorobenzene

Concen: 52.003 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053840.D

Acq: 18 Feb 2019 13:54

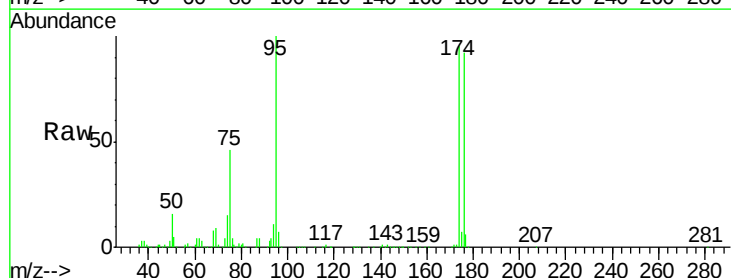
Tgt Ion: 95 Resp: 454587

Ion Ratio Lower Upper

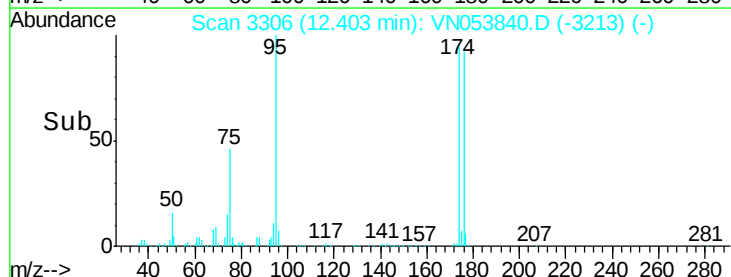
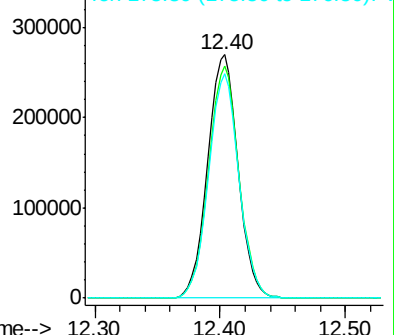
95 100

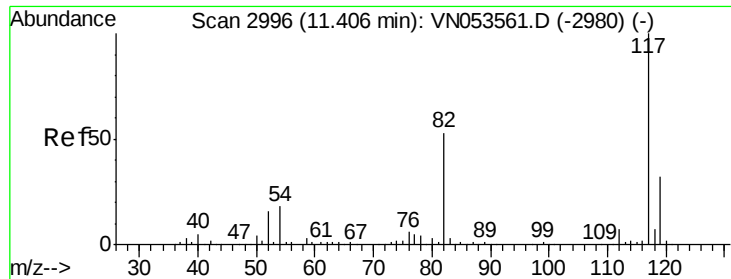
174 95.0 0.0 183.2

176 91.9 0.0 177.4



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

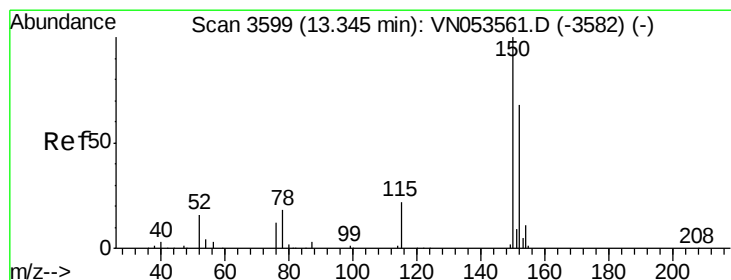
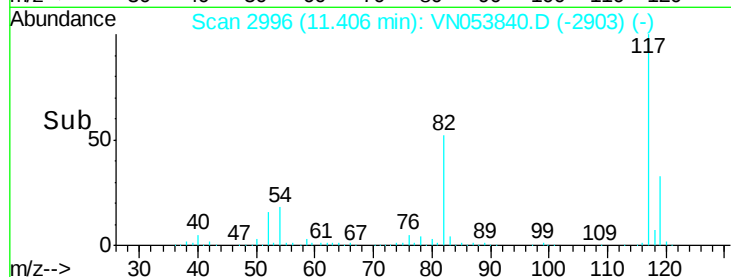
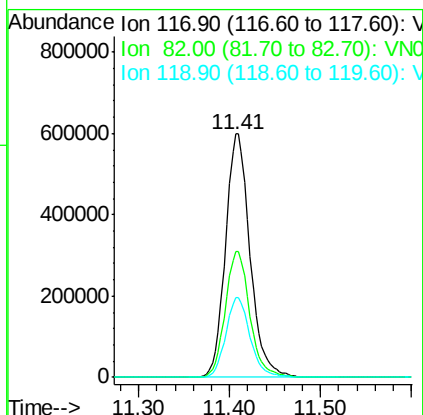
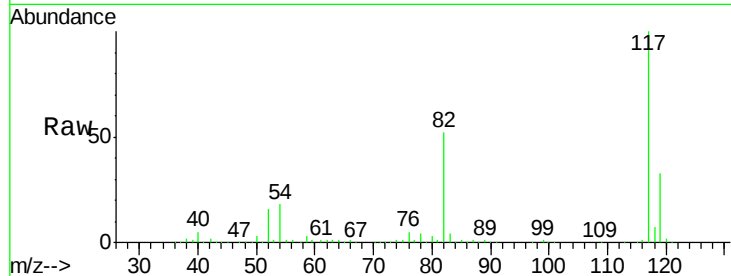




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053840.D
Acq: 18 Feb 2019 13:54

Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#04

Tot Ion:117 Resp: 1119268
Ion Ratio Lower Upper
117 100
82 51.8 42.9 64.3
119 32.5 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: VN053840.D
Acq: 18 Feb 2019 13:54

Tgt Ion:152 Resp: 405246
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 157.4 0.0 349.0

