

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053850.D
 Acq On : 18 Feb 2019 18:22
 Operator : JC/SP
 Sample : PB117159ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#14

Quant Time: Feb 19 03:53:10 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

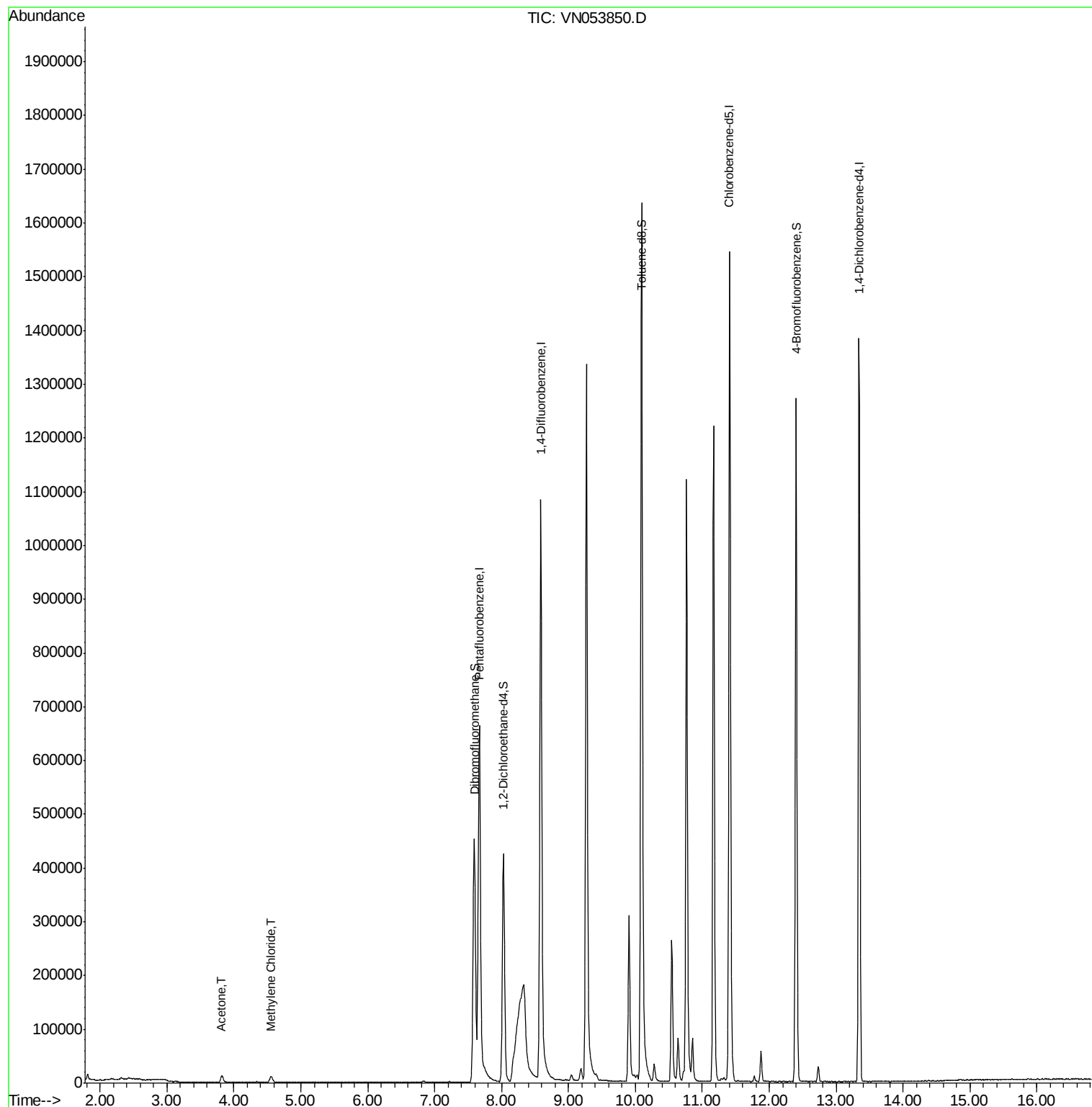
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	653831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1123351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1047211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357653	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	7.59	113	355065	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.09	98	1341292	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	444034	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
16) Acetone	3.82	43	22691	13.487	ug/l	99
20) Methylene Chloride	4.55	84	9144	1.295	ug/l #	91

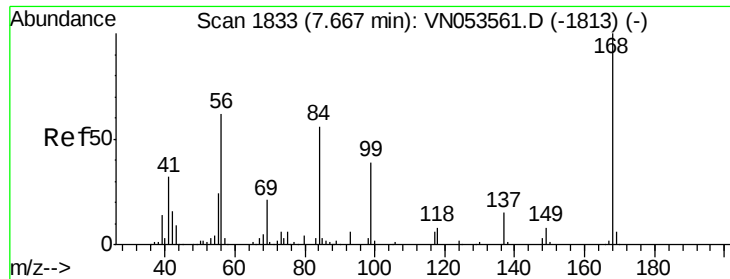
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 09:11:52 2019
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: VN053850.D

Acq: 18 Feb 2019 18:22

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MSVOA_N

ClientSampleId :

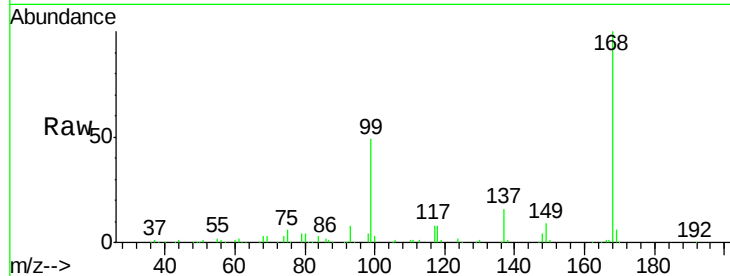
PB117159ZHE#14

Tot Ion:168 Resp: 653831

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): VNO

7.67

250000

200000

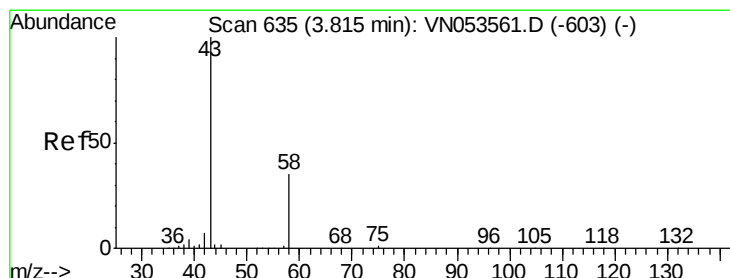
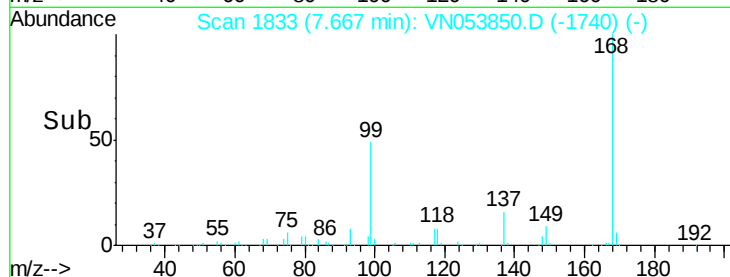
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.487 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053850.D

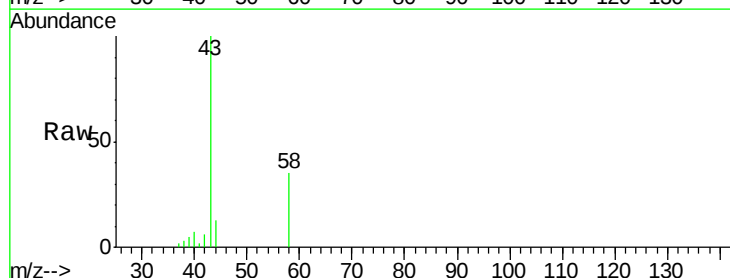
Acq: 18 Feb 2019 18:22

Tgt Ion: 43 Resp: 22691

Ion Ratio Lower Upper

43 100

58 34.7 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

8000

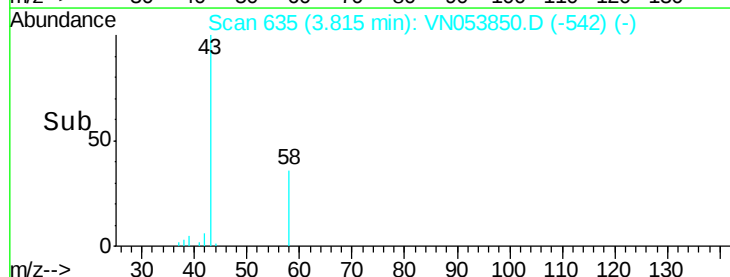
6000

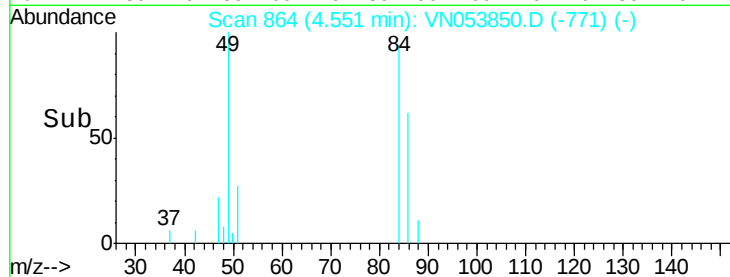
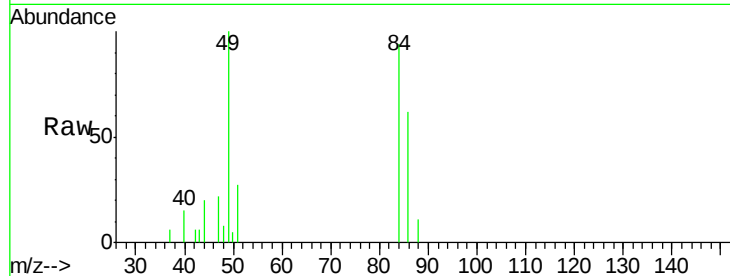
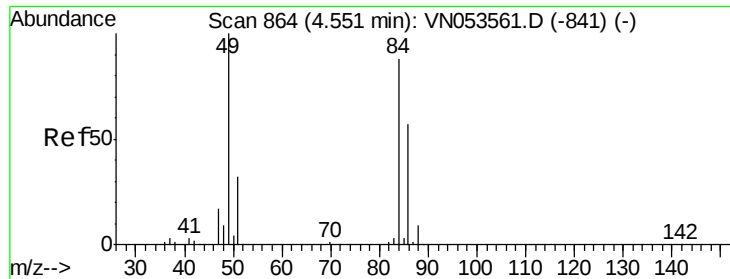
4000

2000

0

Time-->

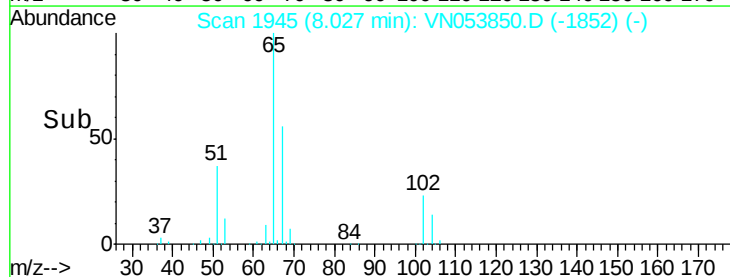
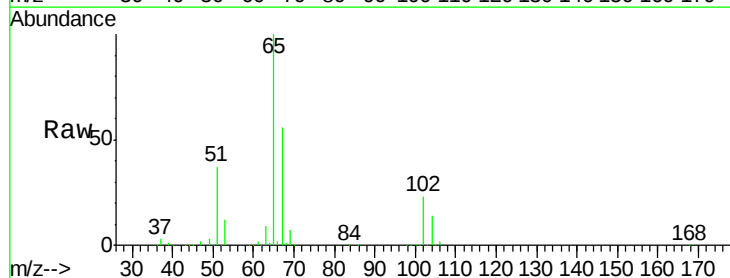
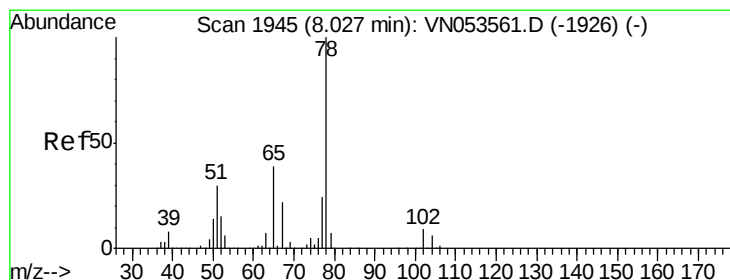
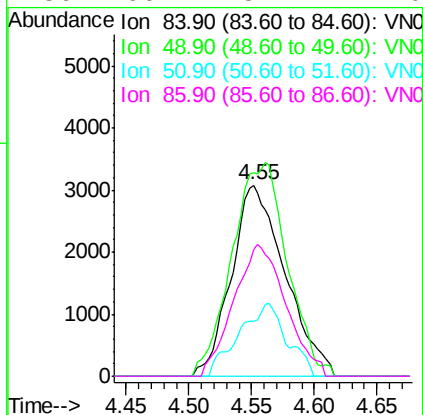




#20
Methvlene Chloride
Concen: 1.295 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053850.D
Acq: 18 Feb 2019 18:22

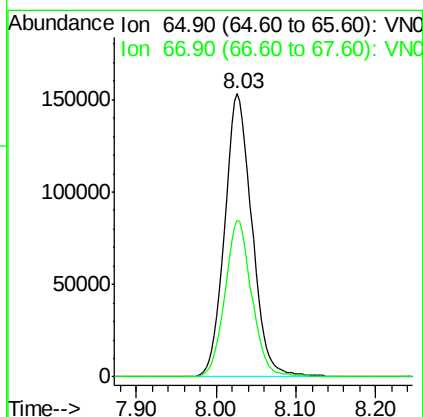
Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#14

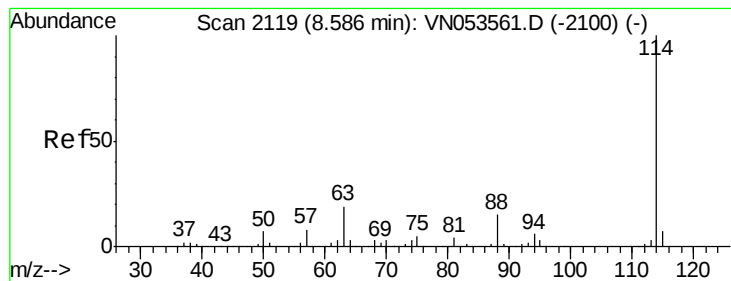
Tot Ion: 84 Resp: 9144
Ion Ratio Lower Upper
84 100
49 106.1 94.3 141.5
51 28.7 29.4 44.2#
86 66.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 54.527 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053850.D
Acq: 18 Feb 2019 18:22

Tgt Ion: 65 Resp: 357653
Ion Ratio Lower Upper
65 100
67 54.4 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: VN053850.D

Acq: 18 Feb 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#14

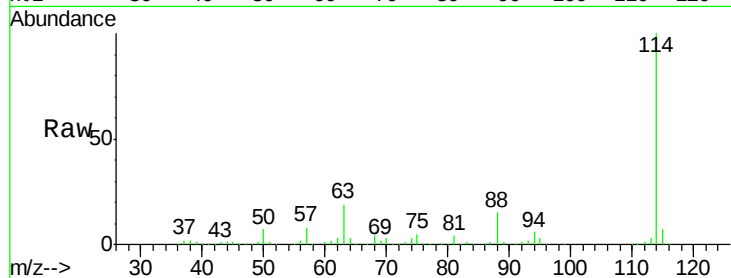
Tot Ion:114 Resp: 1123351

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

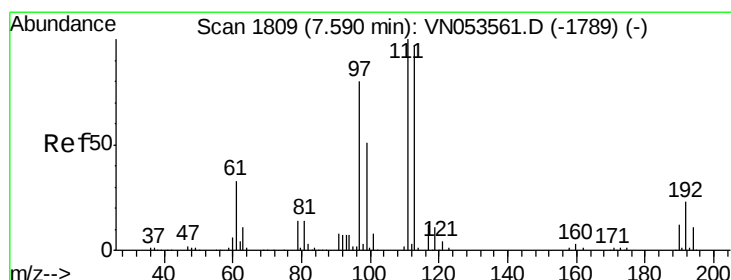
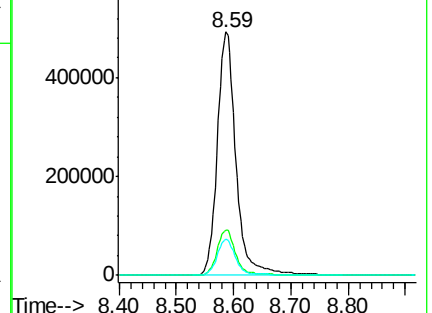
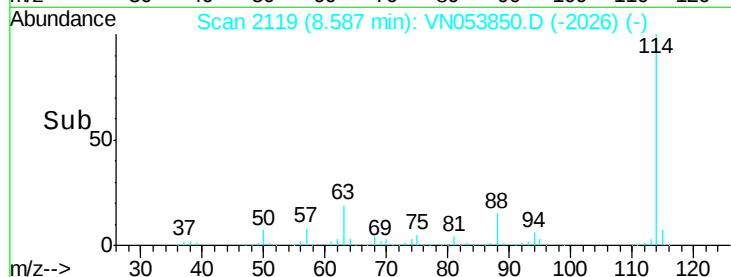
88 14.8 0.0 30.4



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: 50.022 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053850.D

Acq: 18 Feb 2019 18:22

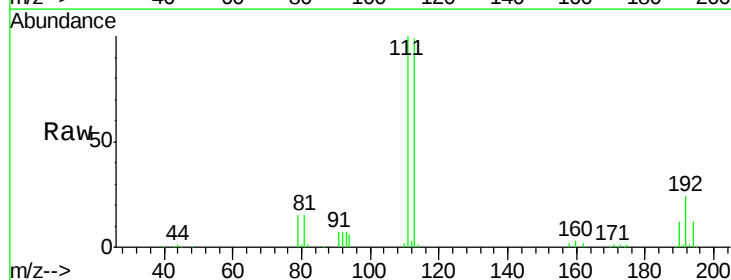
Tgt Ion:113 Resp: 355065

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

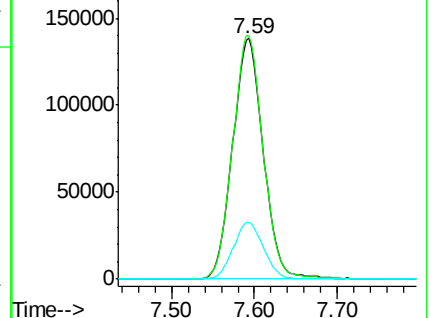
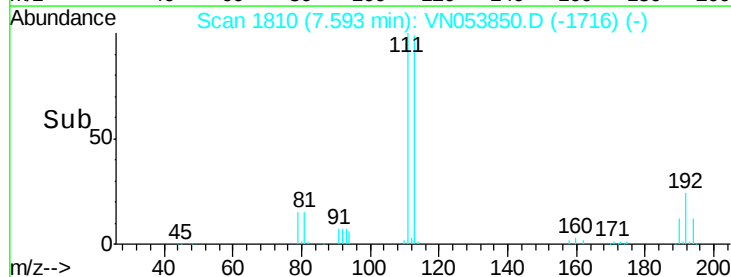
192 23.6 18.2 27.2

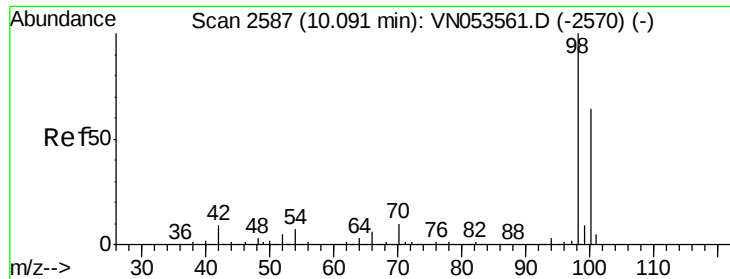


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.326 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053850.D

Acq: 18 Feb 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

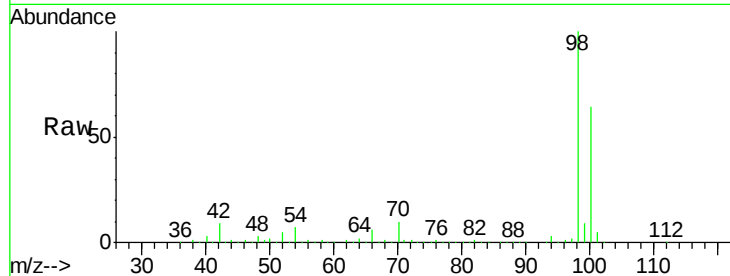
PB117159ZHE#14

Tot Ion: 98 Resp: 1341292

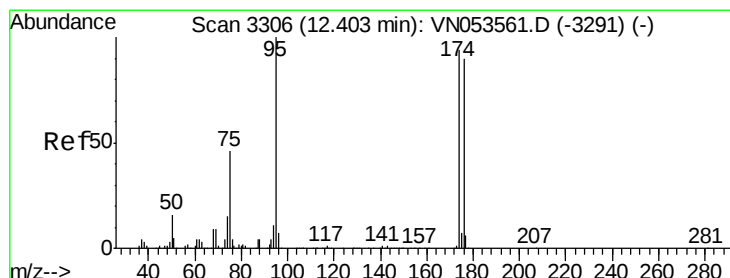
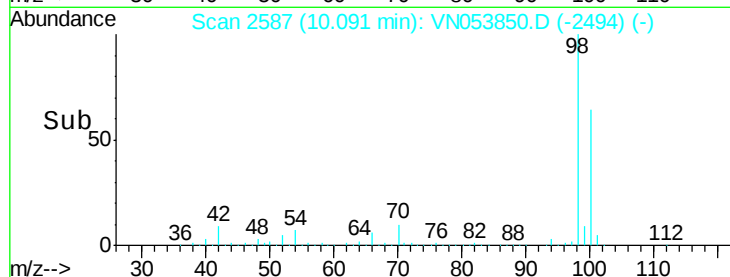
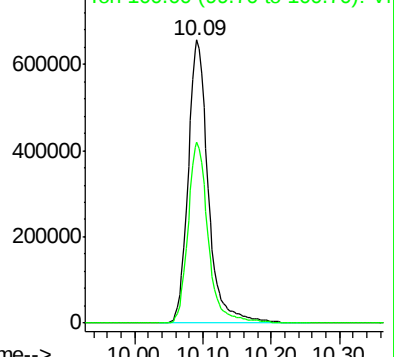
Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053850.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 49.954 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053850.D

Acq: 18 Feb 2019 18:22

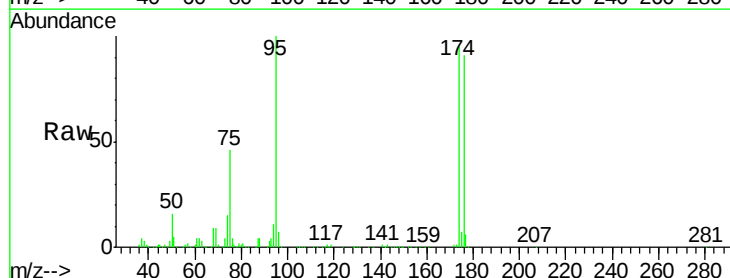
Tgt Ion: 95 Resp: 444034

Ion Ratio Lower Upper

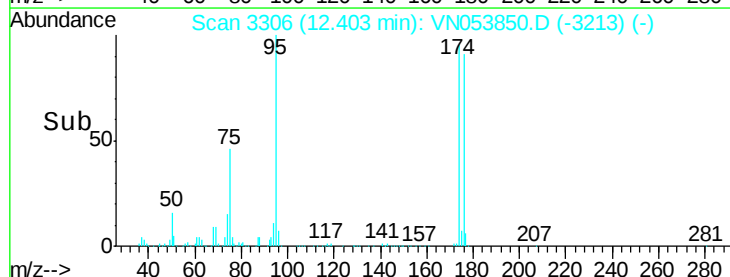
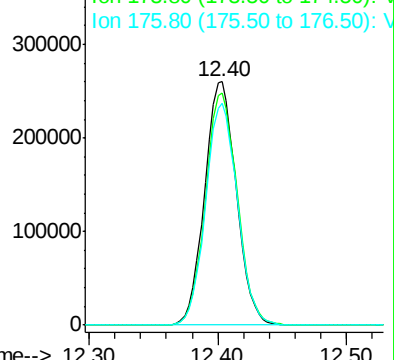
95 100

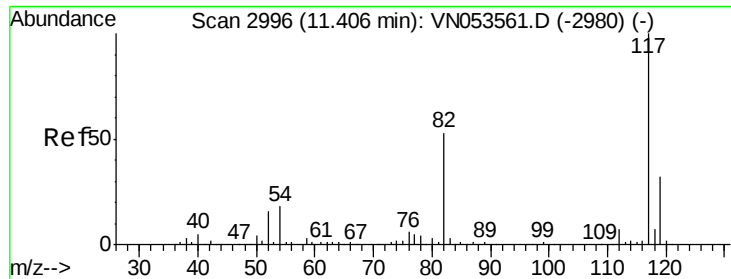
174 95.7 0.0 183.2

176 91.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053850.D (-3213) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053850.D

Acq: 18 Feb 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#14

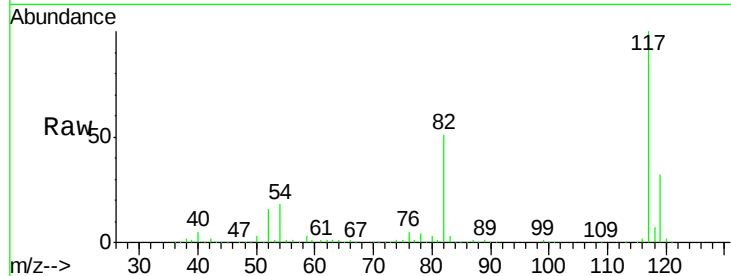
Tot Ion:117 Resp: 1047211

Ion Ratio Lower Upper

117 100

82 51.5 42.9 64.3

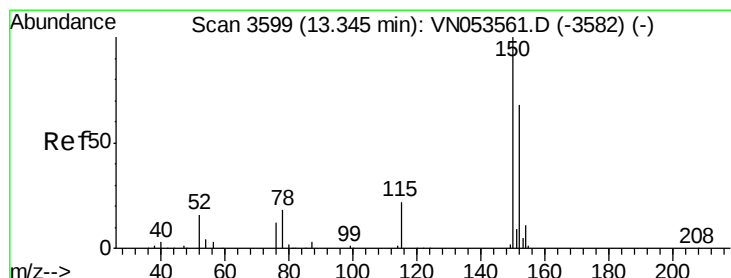
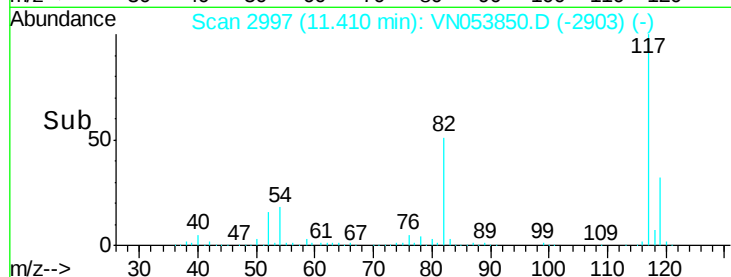
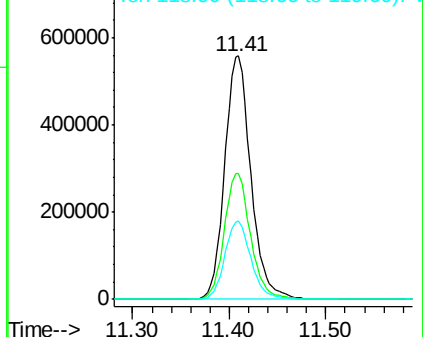
119 32.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053850.D

Acq: 18 Feb 2019 18:22

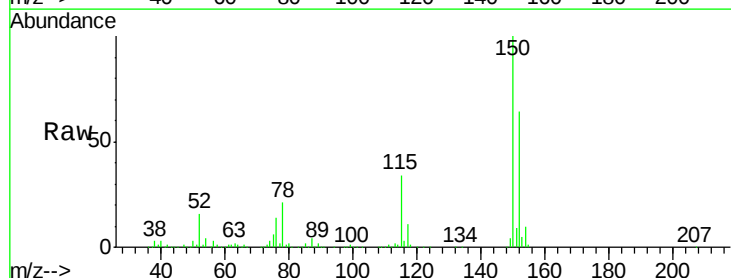
Tgt Ion:152 Resp: 405397

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.4

150 158.2 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

