

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057750.D
 Acq On : 7 Sep 2019 14:00
 Operator : JC/SP
 Sample : PB122865TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122865TB

Quant Time: Sep 08 06:44:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

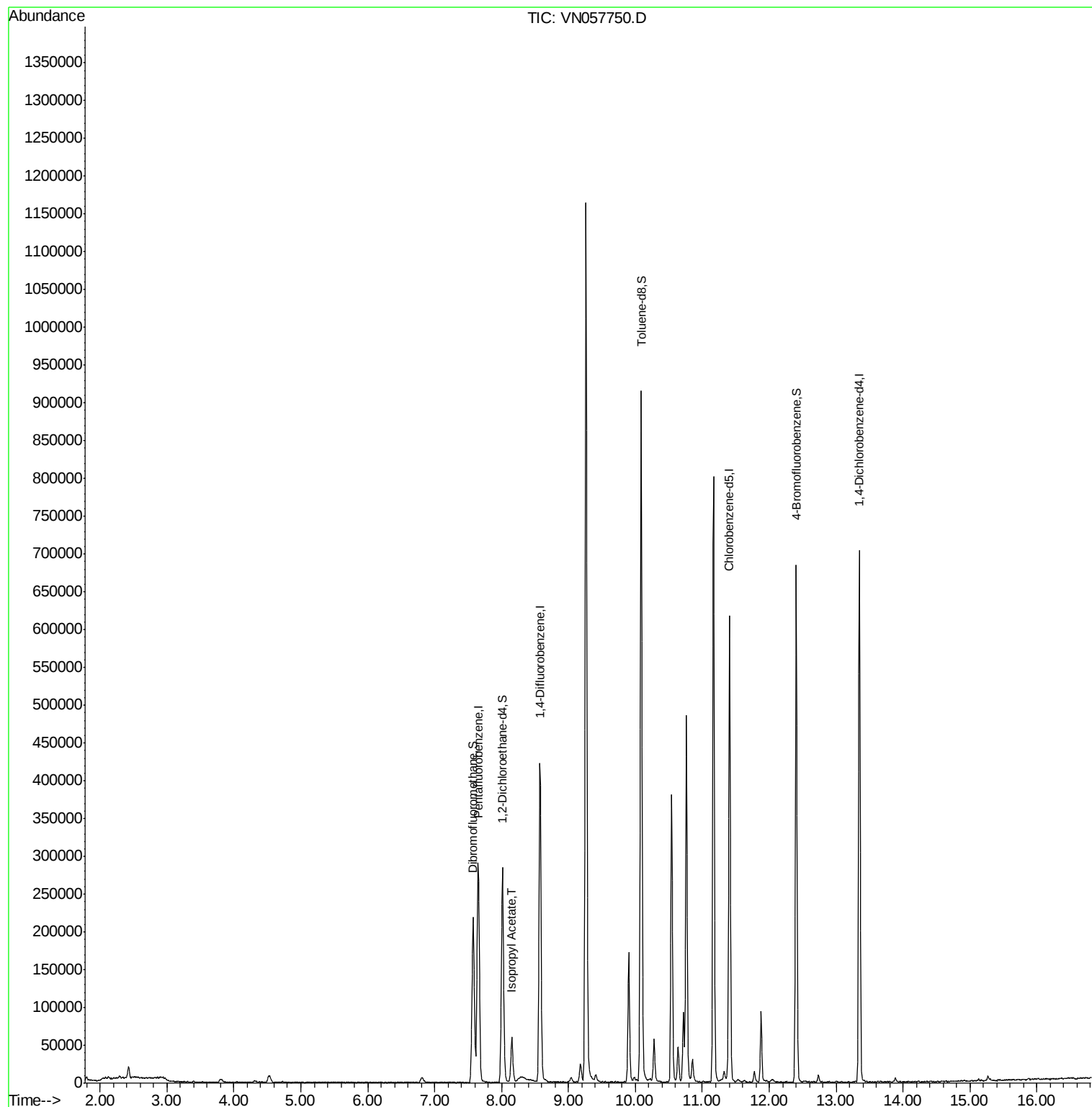
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	211218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	337087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	312028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	162147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	249643	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.58	113	151129	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.08	98	580790	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.40	95	215193	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
43) Isopropyl Acetate	8.15	43	69971	8.188	ug/l	Qvalue 97

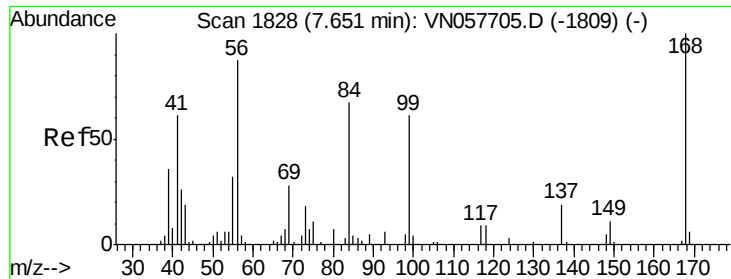
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057750.D

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MSVOA_N

ClientSampleId :

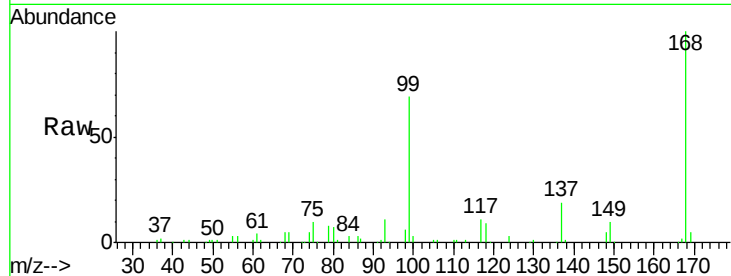
PB122865TB

Tot Ion:168 Resp: 211218

Ion Ratio Lower Upper

168 100

99 69.0 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

60000

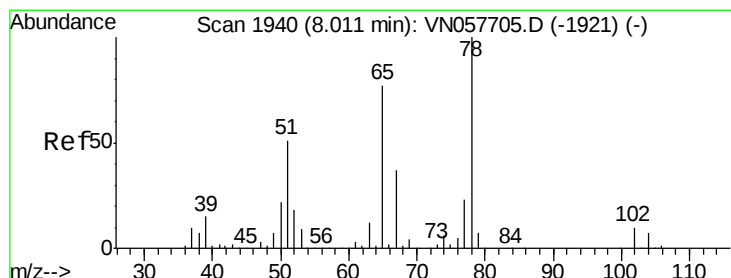
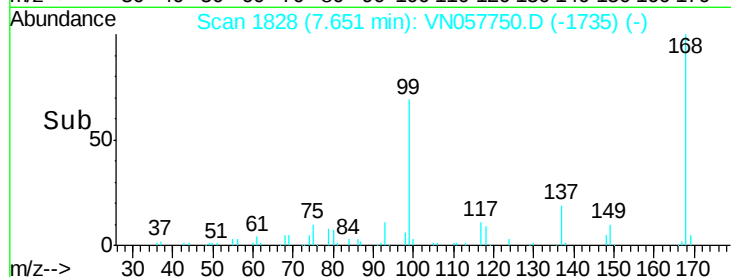
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.585 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057750.D

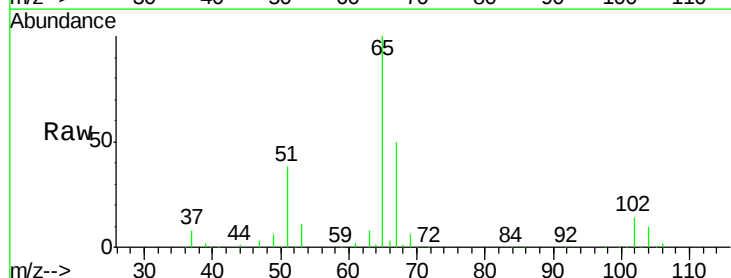
Acq: 7 Sep 2019 14:00

Tgt Ion: 65 Resp: 249643

Ion Ratio Lower Upper

65 100

67 49.0 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

60000

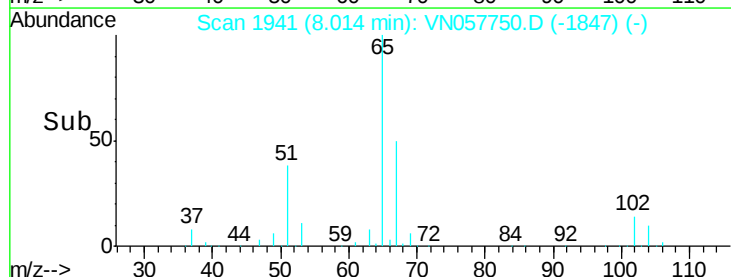
40000

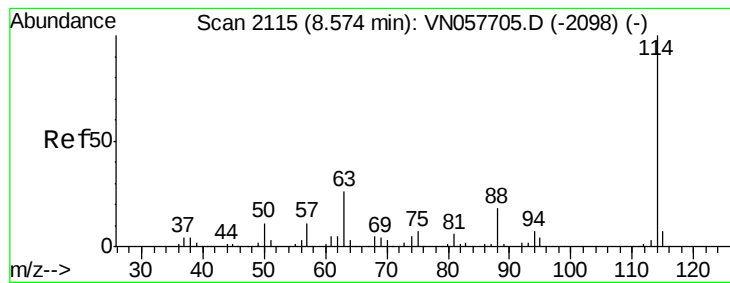
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057750.D

Acq: 7 Sep 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB122865TB

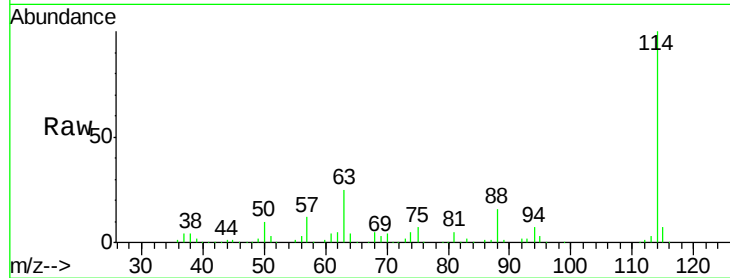
Tot Ion:114 Resp: 337087

Ion Ratio Lower Upper

114 100

63 25.3 0.0 52.4

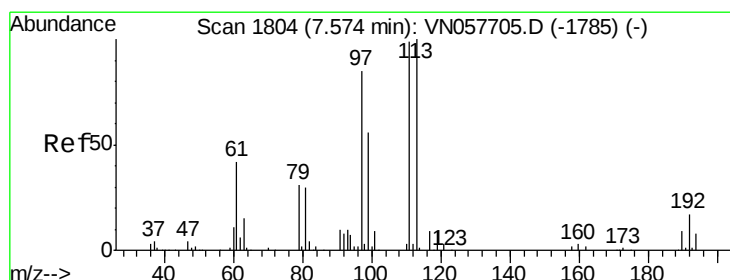
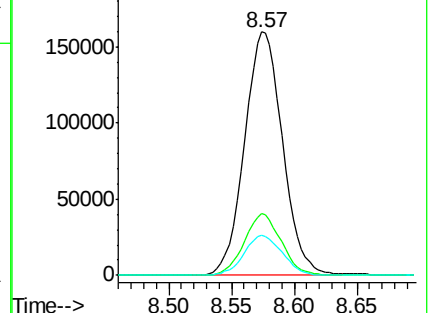
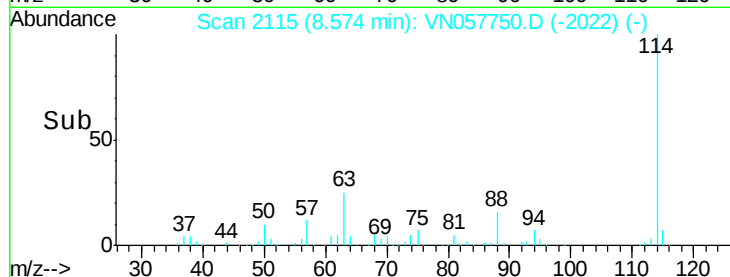
88 16.4 0.0 35.4



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: 49.222 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057750.D

Acq: 7 Sep 2019 14:00

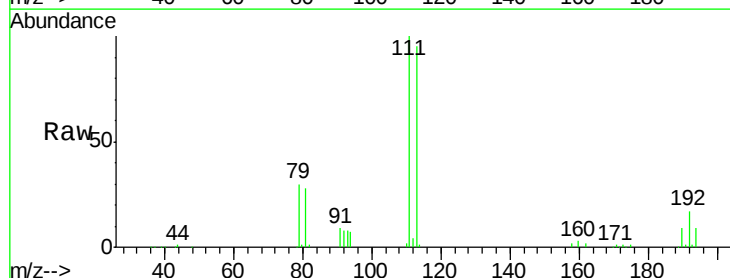
Tgt Ion:113 Resp: 151129

Ion Ratio Lower Upper

113 100

111 105.5 82.7 124.1

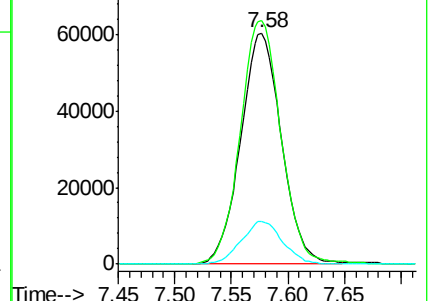
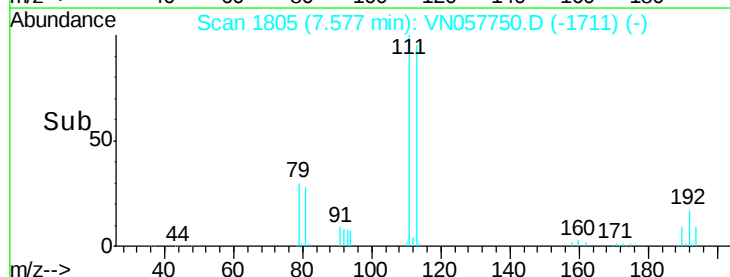
192 18.7 13.8 20.6

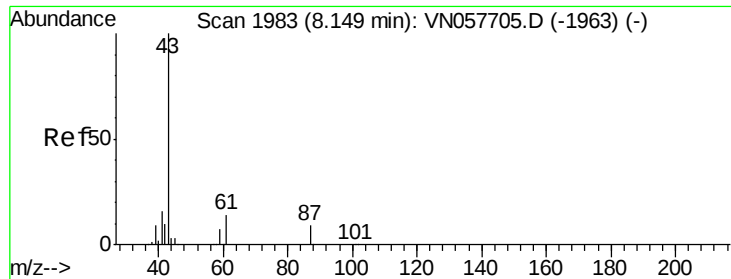


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

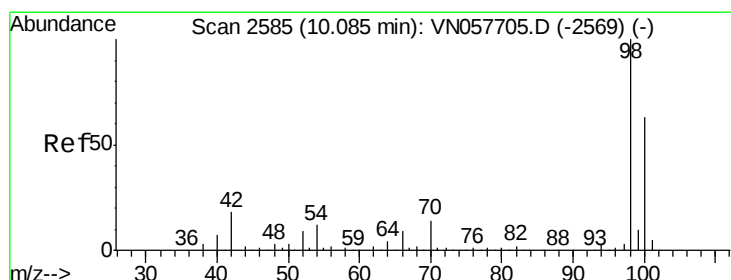
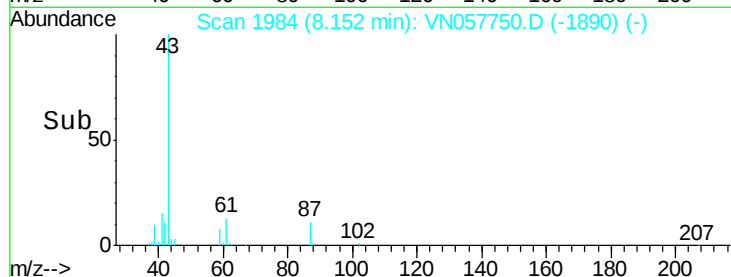
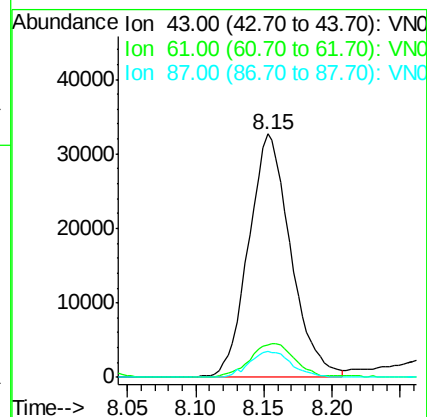
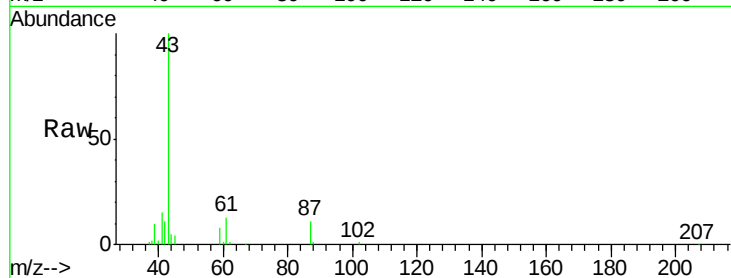




#43
Isopropyl Acetate
Concen: 8.188 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057750.D
Acq: 7 Sep 2019 14:00

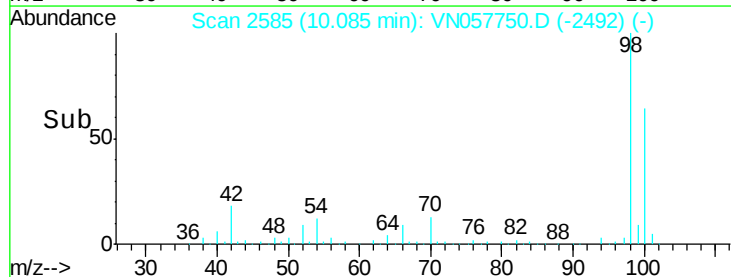
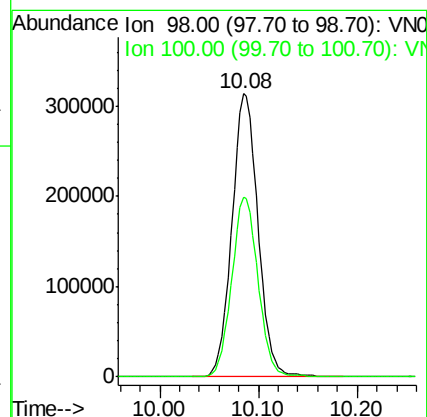
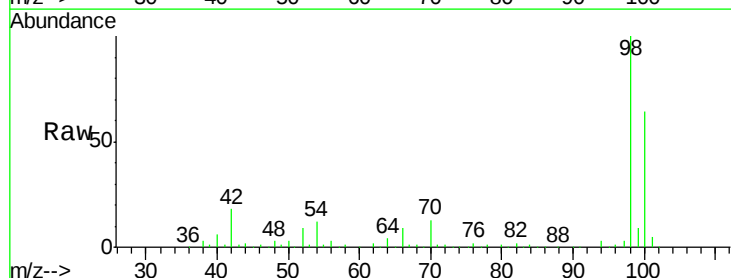
Instrument :
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ClientSampleId :
PB122865TB

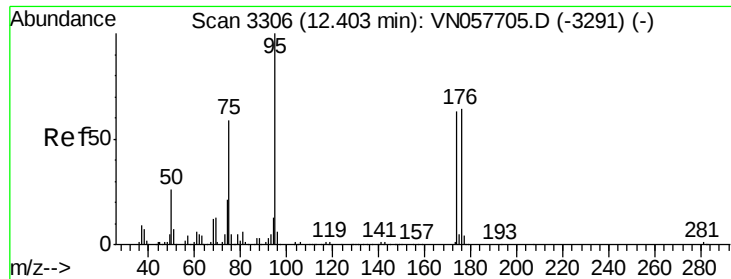
Tot Ion: 43 Resp: 69971
Ion Ratio Lower Upper
43 100
61 14.7 12.8 19.2
87 10.5 7.8 11.8



#50
Toluene-d8
Concen: 51.135 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057750.D
Acq: 7 Sep 2019 14:00

Tgt Ion: 98 Resp: 580790
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 45.615 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057750.D

Acq: 7 Sep 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB122865TB

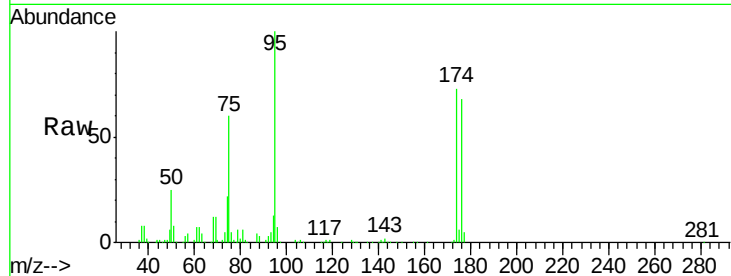
Tot Ion: 95 Resp: 215193

Ion Ratio Lower Upper

95 100

174 73.1 0.0 128.0

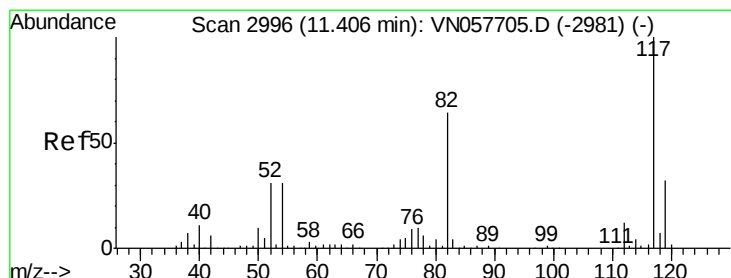
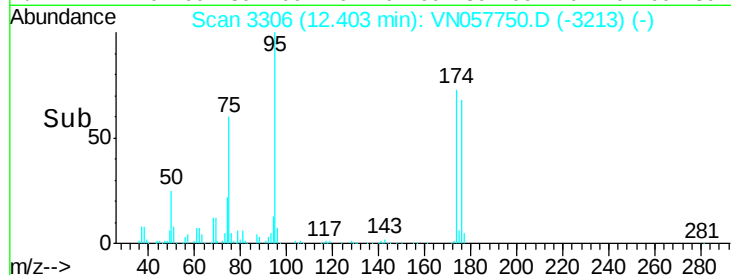
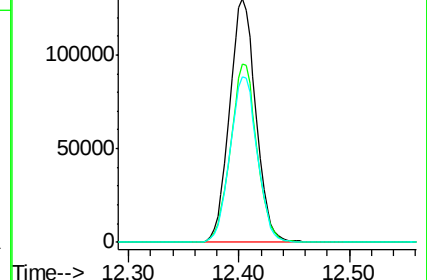
176 70.1 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057750.D

Acq: 7 Sep 2019 14:00

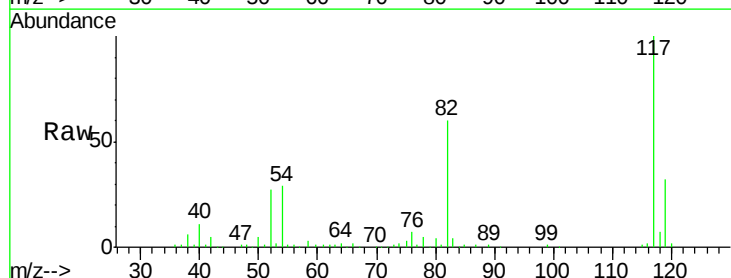
Tgt Ion: 117 Resp: 312028

Ion Ratio Lower Upper

117 100

82 60.4 51.4 77.0

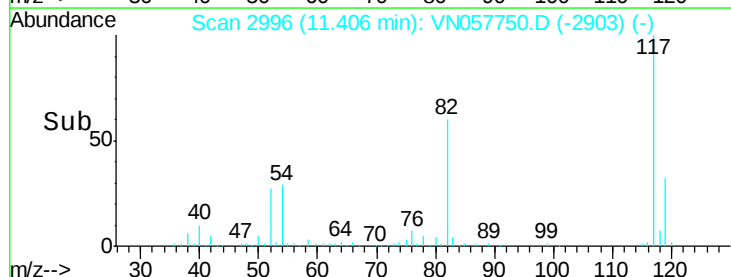
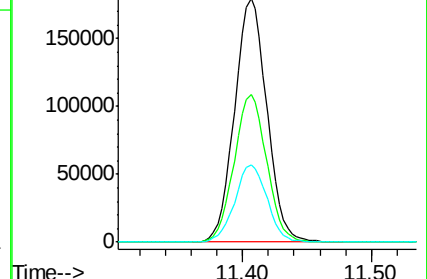
119 31.7 25.4 38.2

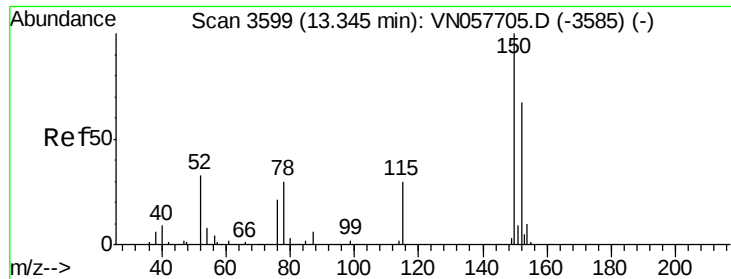


Abundance Ion 116.90 (116.60 to 117.60): VN057705.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057705.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057705.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057750.D

Acq: 7 Sep 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

PB122865TB

Tot Ion:152 Resp: 162147

Ion Ratio Lower Upper

152 100

115 63.3 33.8 101.3

150 156.4 0.0 345.4

