

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058489.D
 Acq On : 2 Oct 2019 21:05
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 03 06:00:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

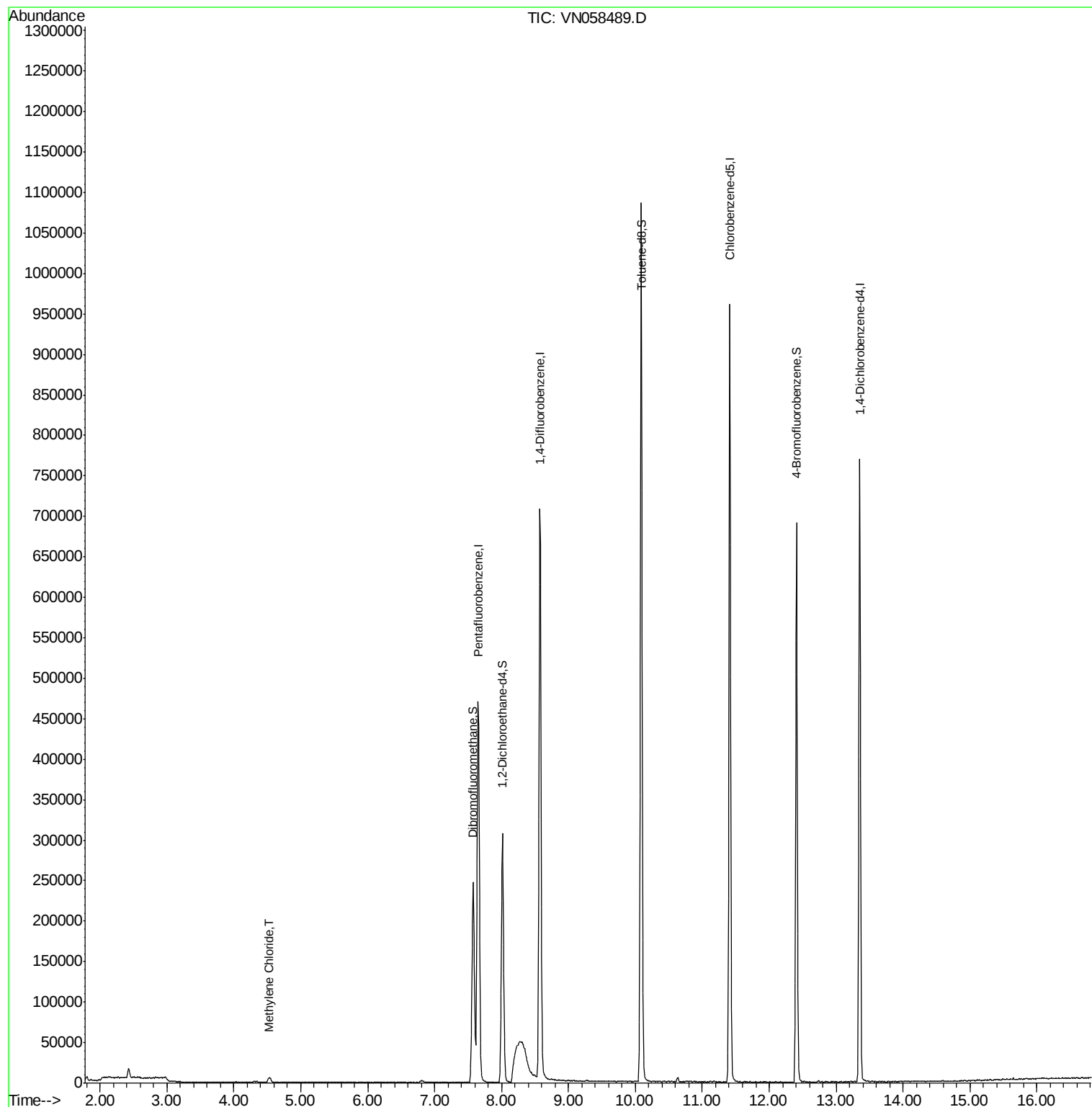
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	360389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	607012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	512802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	192903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	267887	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	7.58	113	187698	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.09	98	741441	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.41	95	232790	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
Target Compounds						
20) Methylene Chloride	4.52	84	4452	1.075	ug/l #	Qvalue 83

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

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

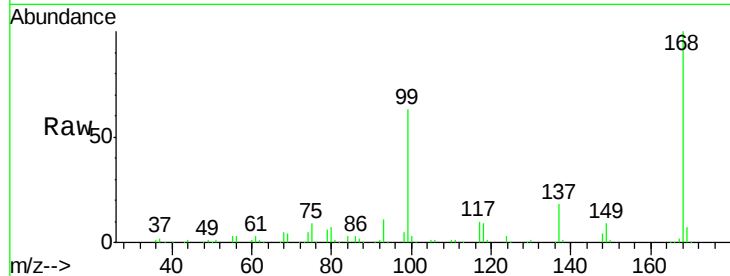
I.BLK

Tot Ion:168 Resp: 360389

Ion Ratio Lower Upper

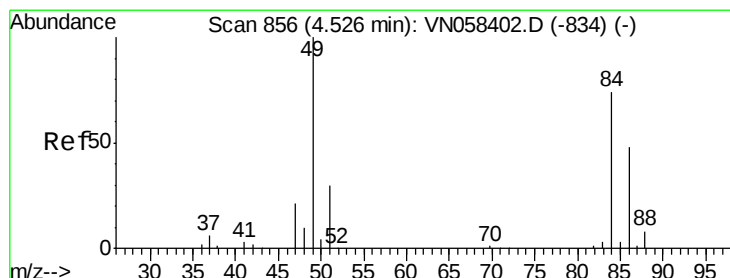
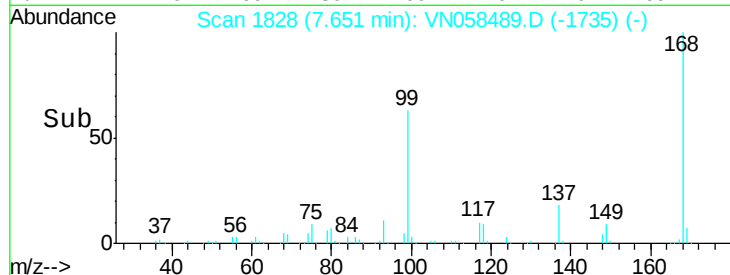
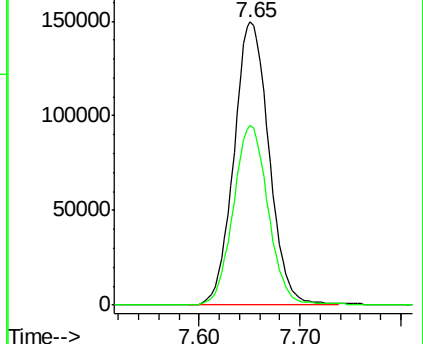
168 100

99 63.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.075 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

Tgt Ion: 84 Resp: 4452

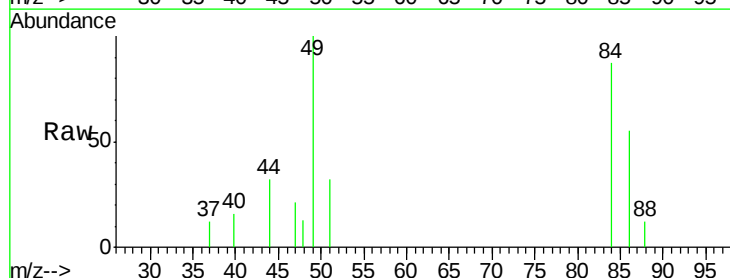
Ion Ratio Lower Upper

84 100

49 102.8 107.9 161.9#

51 36.6 32.8 49.2

86 63.5 51.5 77.3

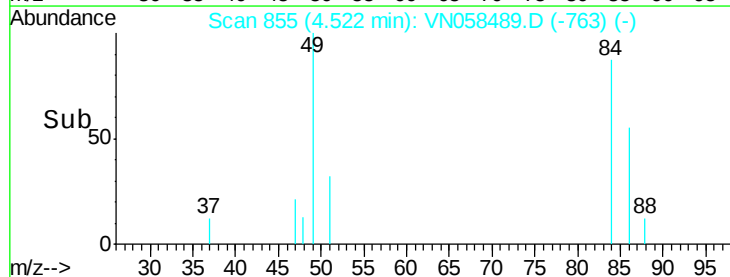
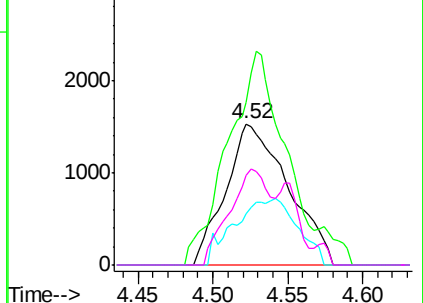


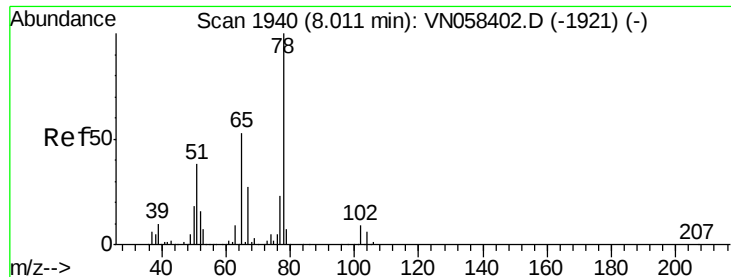
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.866 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

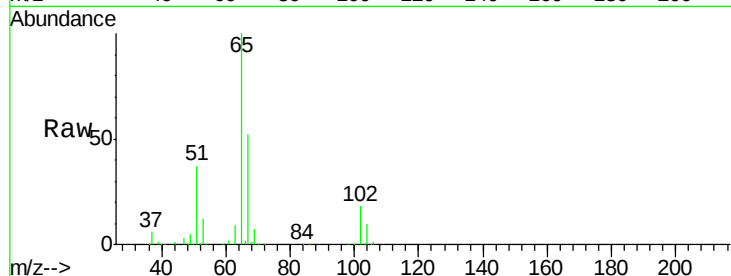
I.BLK

Tot Ion: 65 Resp: 267887

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

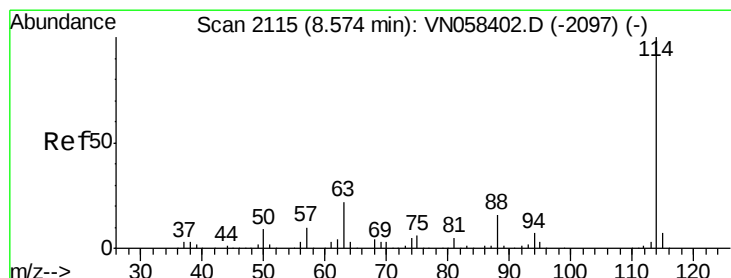
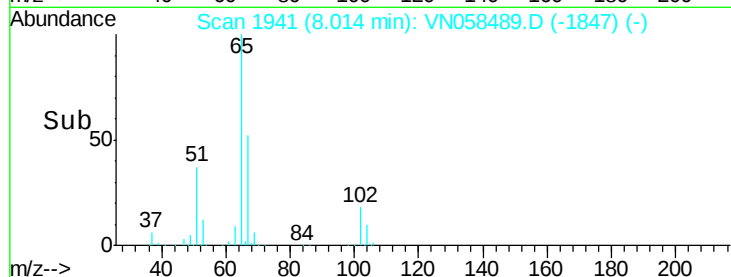
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

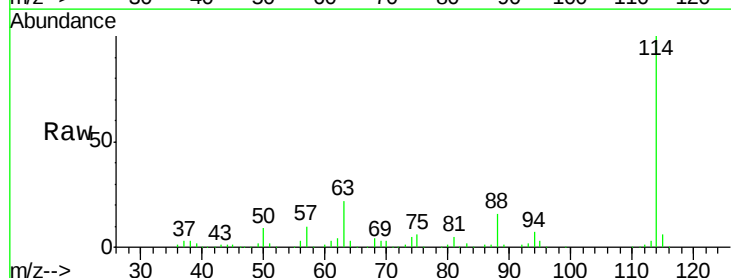
Tgt Ion: 114 Resp: 607012

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 15.6 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO

8.58

400000

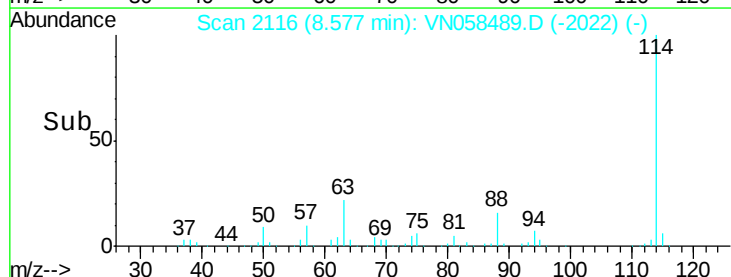
300000

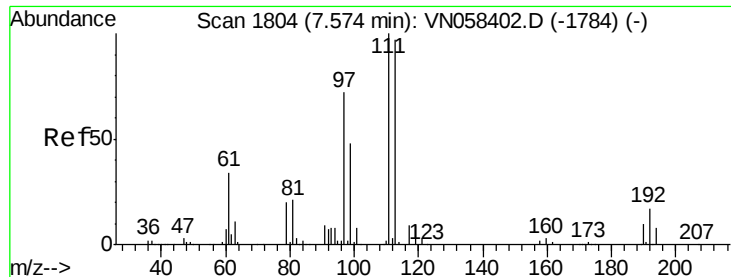
200000

100000

0

Time--> 8.50 8.60 8.70

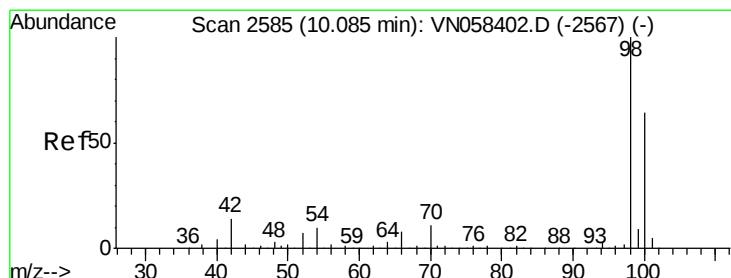
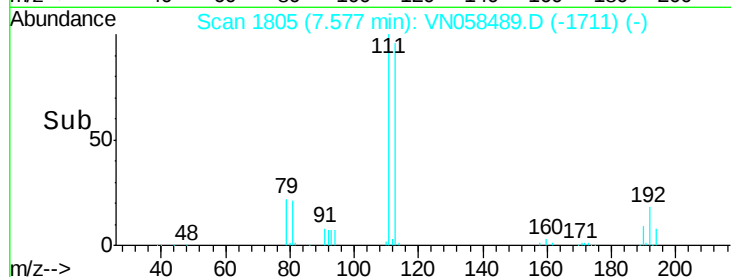
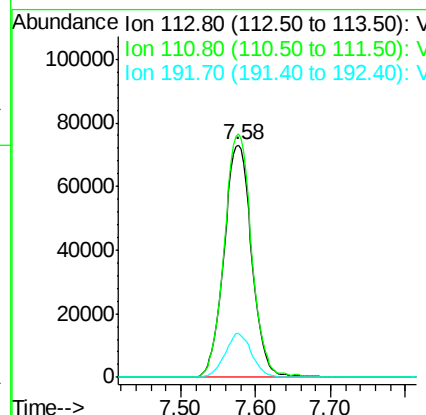
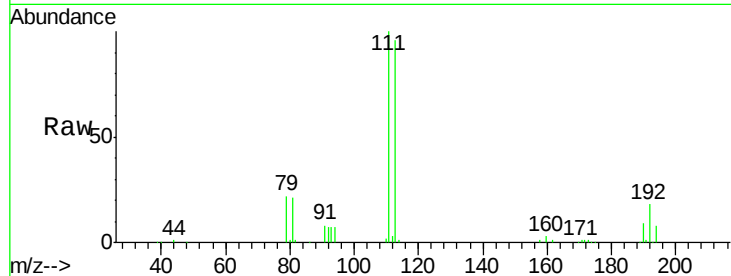




#35
 Dibromofluoromethane
 Concen: 50.452 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058489.D
 Acq: 2 Oct 2019 21:05

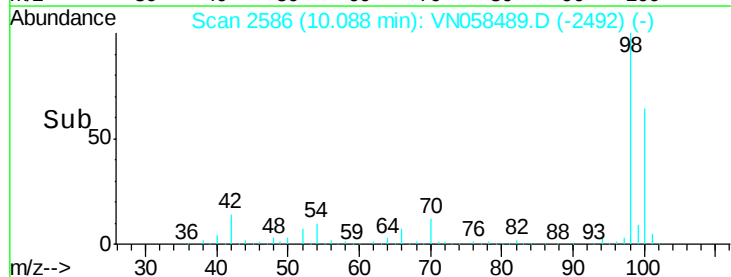
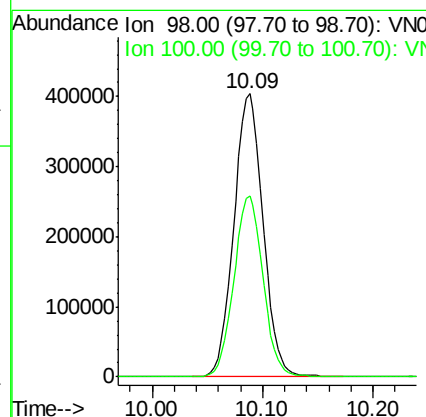
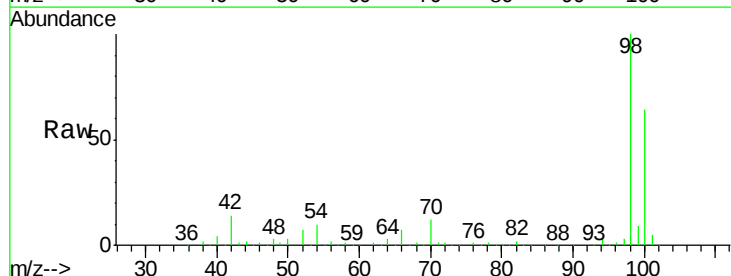
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

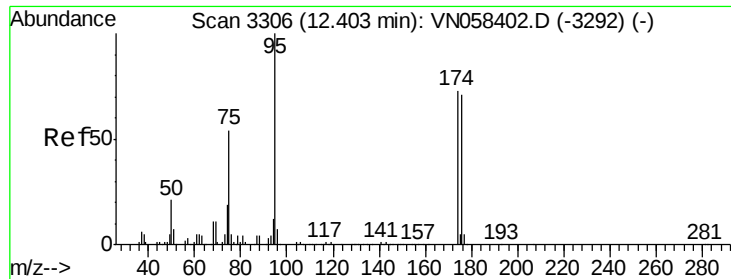
Tot Ion:113 Resp: 187698
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 18.2 14.9 22.3



#50
 Toluene-d8
 Concen: 50.874 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058489.D
 Acq: 2 Oct 2019 21:05

Tgt Ion: 98 Resp: 741441
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 44.175 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

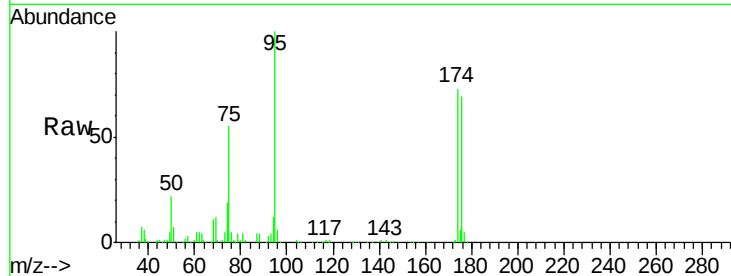
Tot Ion: 95 Resp: 232790

Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

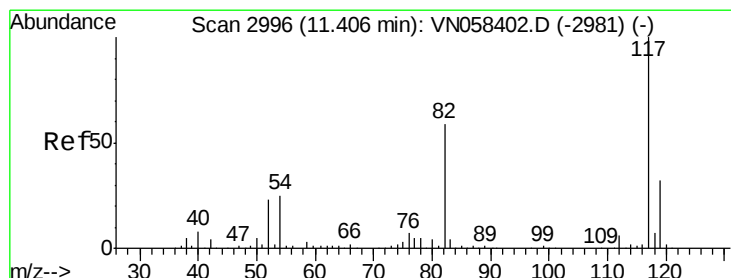
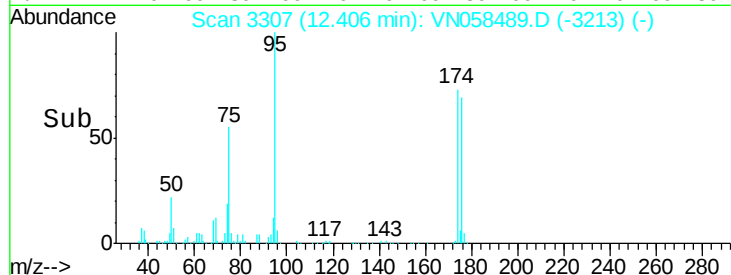
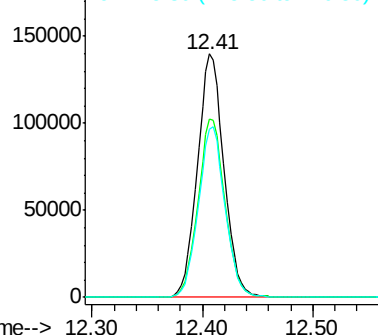
176 70.6 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

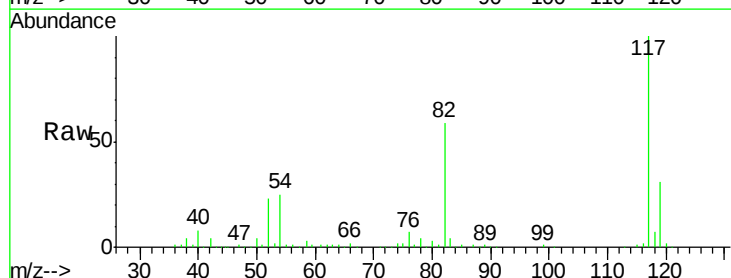
Tgt Ion: 117 Resp: 512802

Ion Ratio Lower Upper

117 100

82 59.0 47.4 71.0

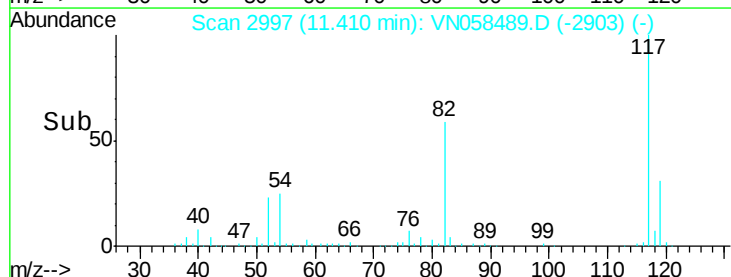
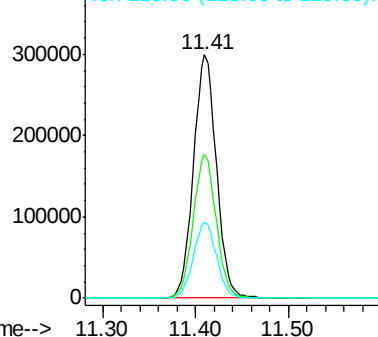
119 31.4 25.5 38.3

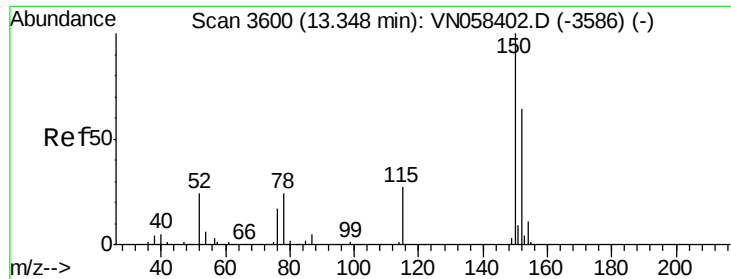


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058489.D

Acq: 2 Oct 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

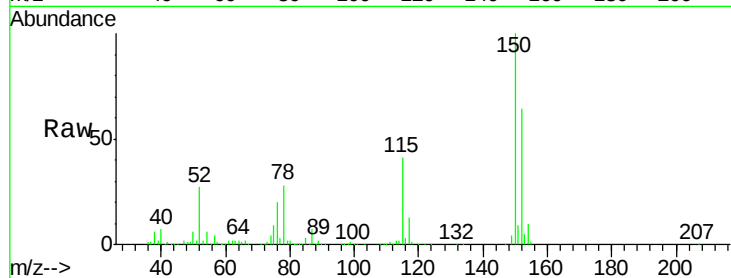
Tot Ion:152 Resp: 192903

Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

150 156.3 0.0 348.2



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

