

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057726.D
 Acq On : 6 Sep 2019 20:27
 Operator : JC/SP
 Sample : K4580-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-B2-(0)

Quant Time: Sep 06 23:58:02 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

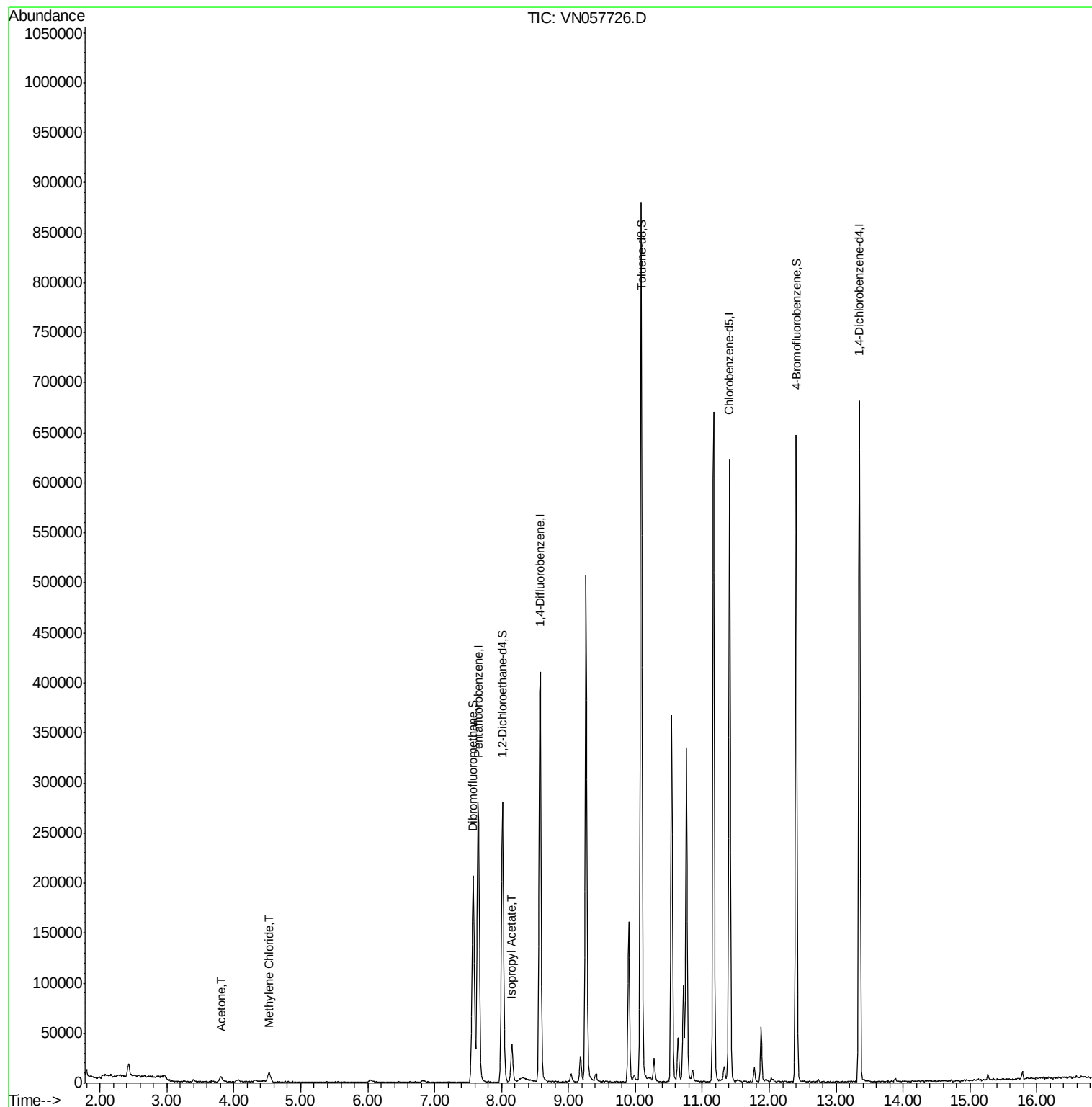
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	193472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	326232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	302294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	246858	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	7.58	113	144675	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.08	98	569182	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	208166	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
16) Acetone	3.80	43	9966	6.881	ug/l	93
20) Methylene Chloride	4.53	84	6041	1.929	ug/l	96
43) Isopropyl Acetate	8.16	43	46470	5.619	ug/l	99

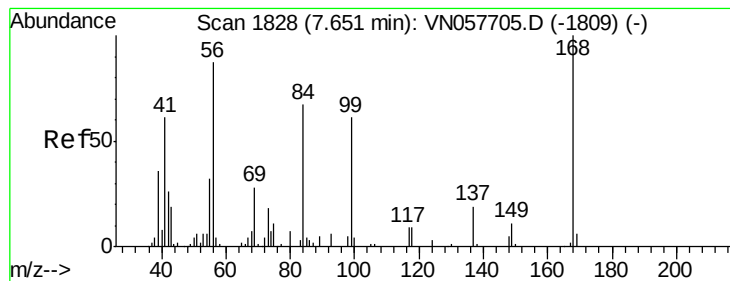
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 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: VN057726.D

Acq: 6 Sep 2019 20:27

Instrument :

MSVOA_N

ClientSampleId :

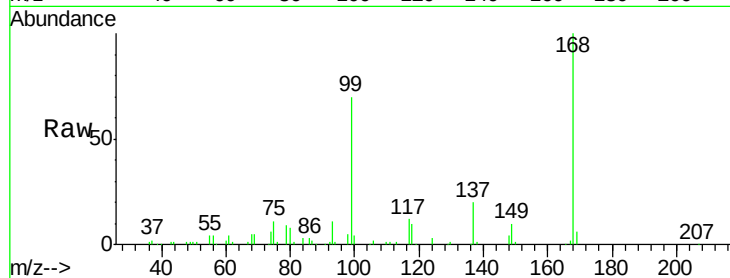
T12-B2-(0)

Tot Ion:168 Resp: 193472

Ion Ratio Lower Upper

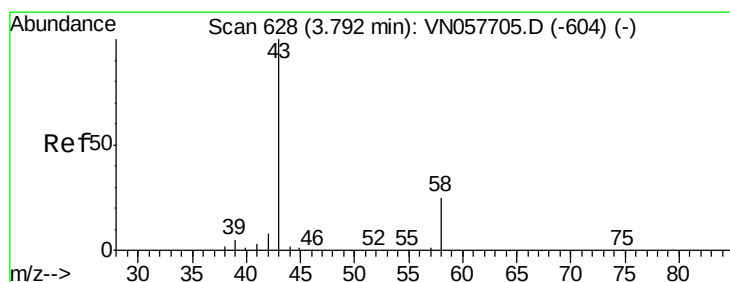
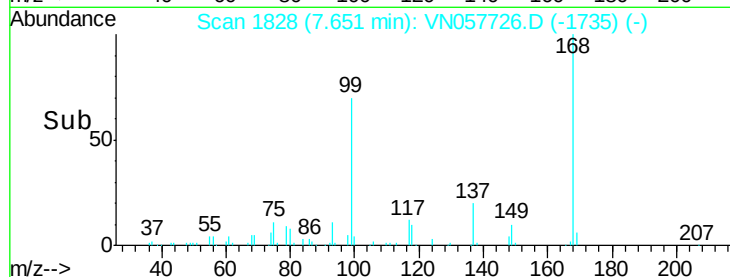
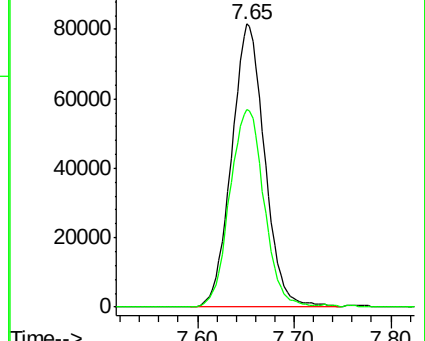
168 100

99 69.6 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.881 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057726.D

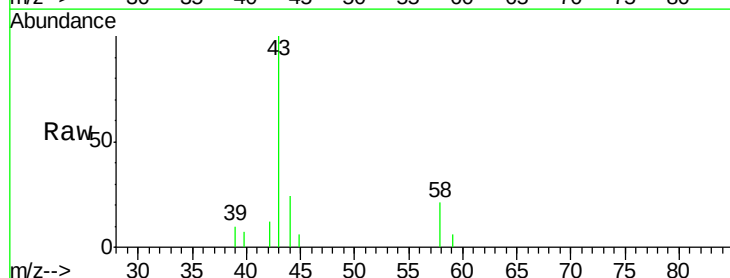
Acq: 6 Sep 2019 20:27

Tgt Ion: 43 Resp: 9966

Ion Ratio Lower Upper

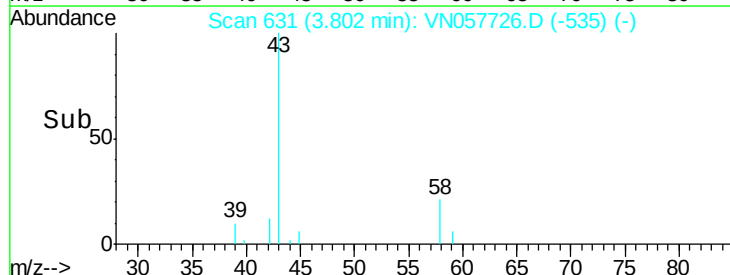
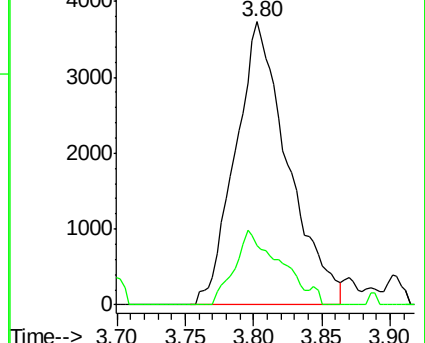
43 100

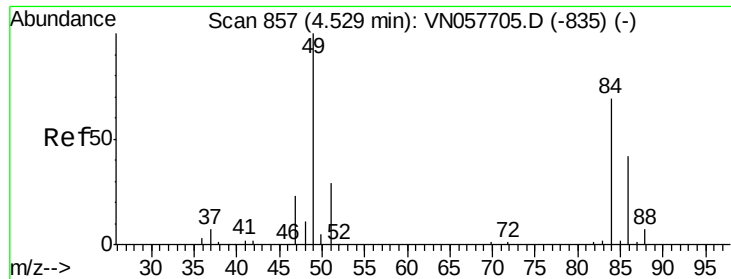
58 21.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

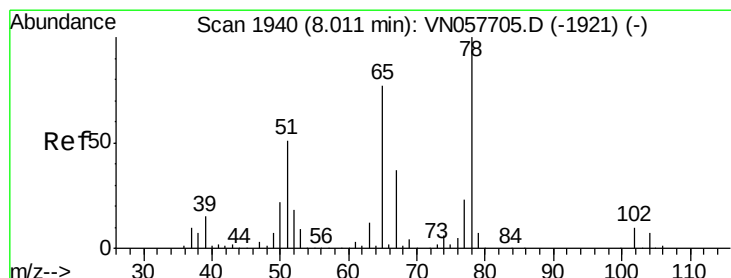
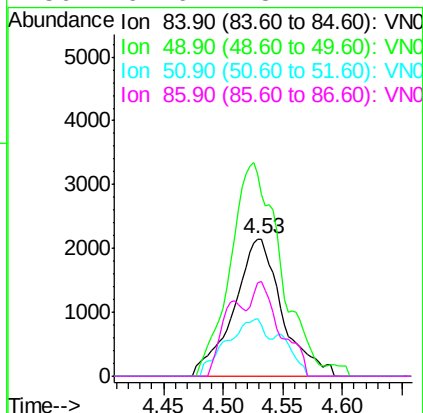
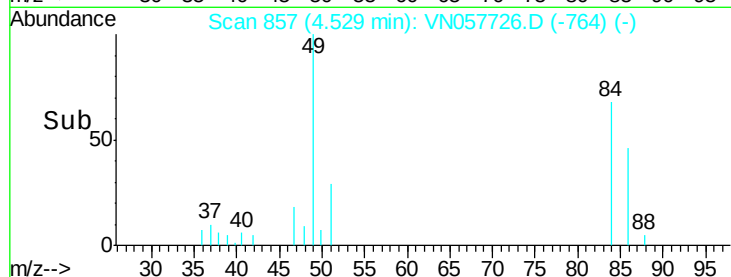
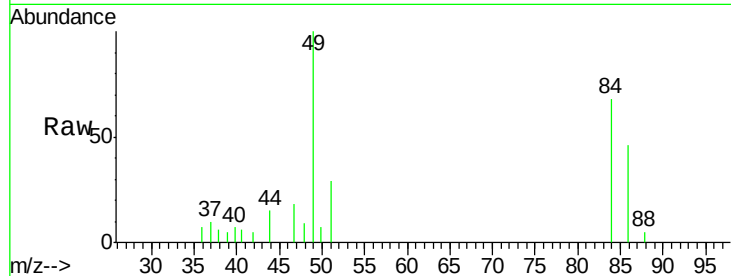




#20
Methylene Chloride
Concen: 1.929 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057726.D
Acq: 6 Sep 2019 20:27

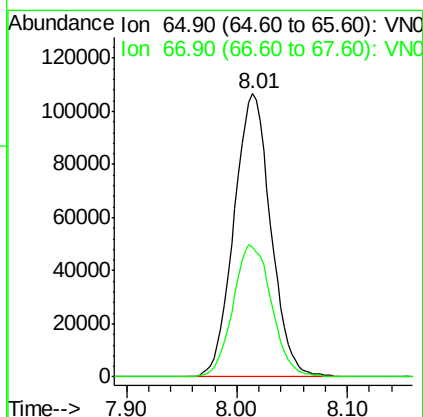
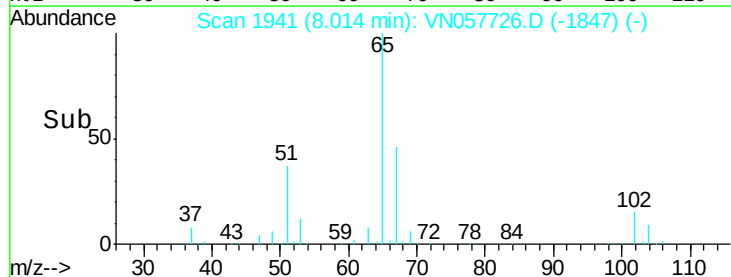
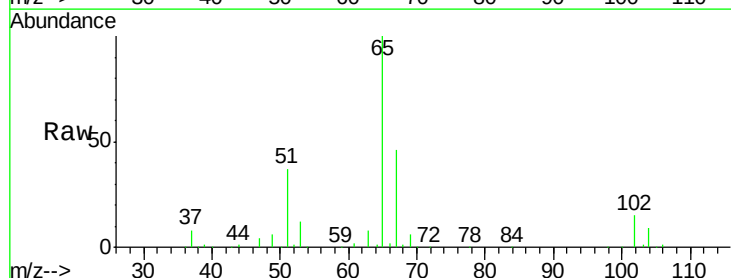
Instrument :
MSVOA_N
ClientSampled :
T12-B2-(0)

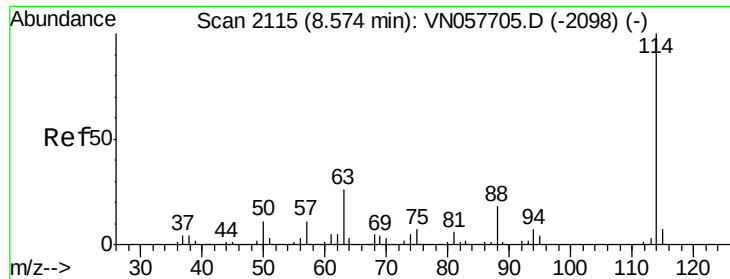
Tot Ion: 84 Resp: 6041
Ion Ratio Lower Upper
84 100
49 146.9 115.0 172.6
51 42.2 33.8 50.8
86 67.6 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 52.450 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057726.D
Acq: 6 Sep 2019 20:27

Tgt Ion: 65 Resp: 246858
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.2

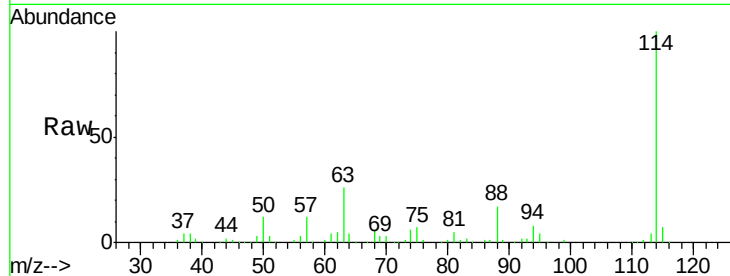




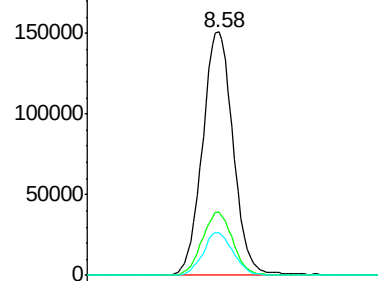
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057726.D
Acq: 6 Sep 2019 20:27

Instrument :
MSVOA_N
ClientSampleId :
T12-B2-(0)

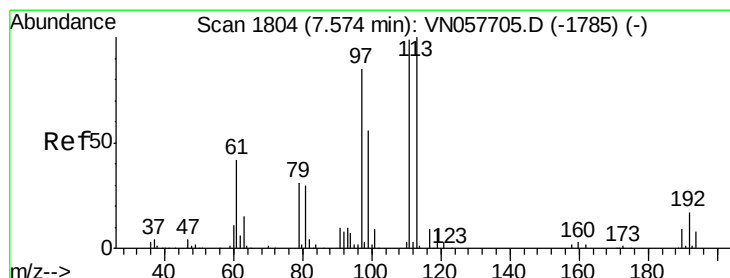
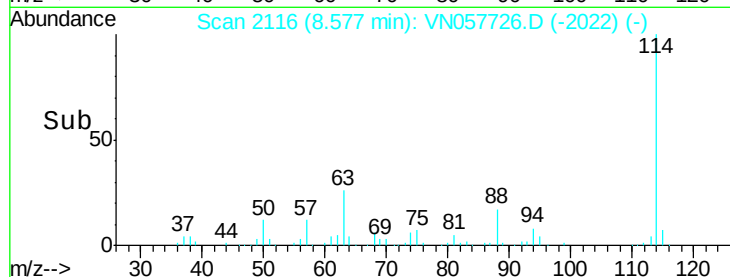
Tot Ion:114 Resp: 326232
Ion Ratio Lower Upper
114 100
63 26.1 0.0 52.4
88 17.4 0.0 35.4



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

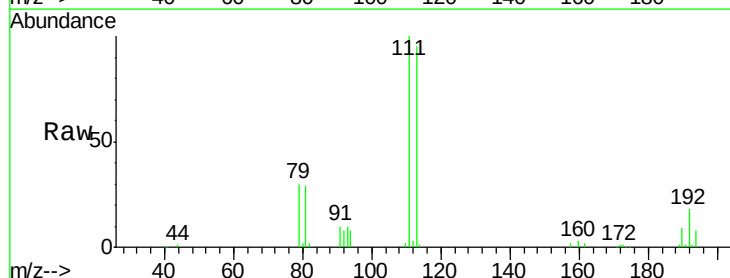


Time-->

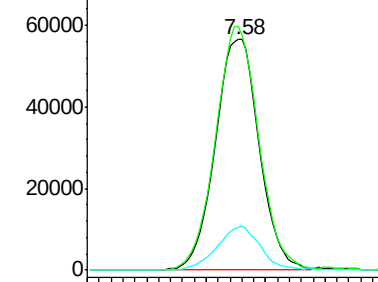


#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057726.D
Acq: 6 Sep 2019 20:27

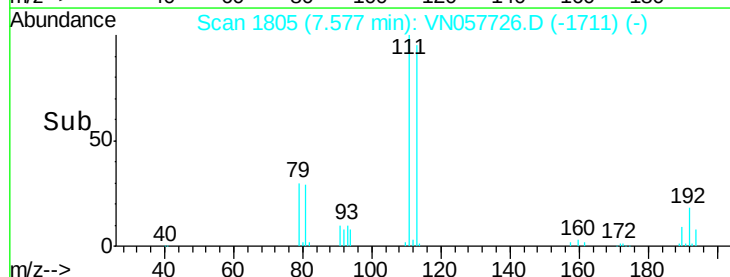
Tgt Ion:113 Resp: 144675
Ion Ratio Lower Upper
113 100
111 103.9 82.7 124.1
192 18.7 13.8 20.6

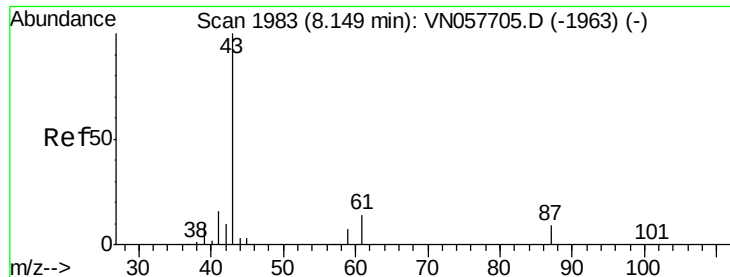


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->





#43

Isopropyl Acetate

Concen: 5.619 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057726.D

Acq: 6 Sep 2019 20:27

Instrument :

MSVOA_N

ClientSampleId :

T12-B2-(0)

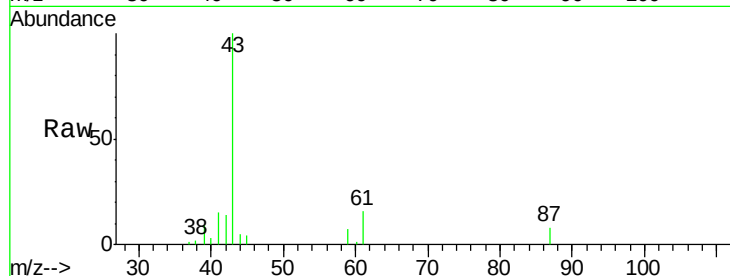
Tot Ion: 43 Resp: 46470

Ion Ratio Lower Upper

43 100

61 15.5 12.8 19.2

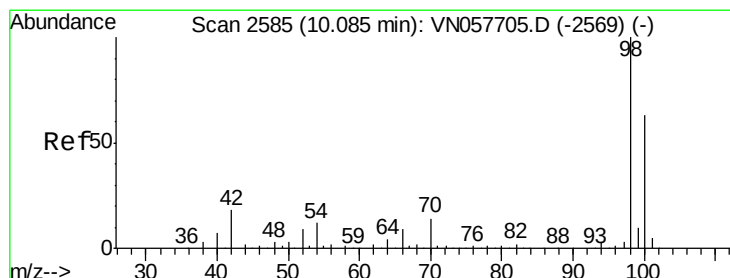
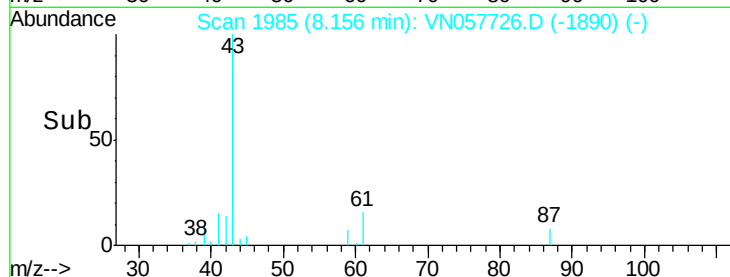
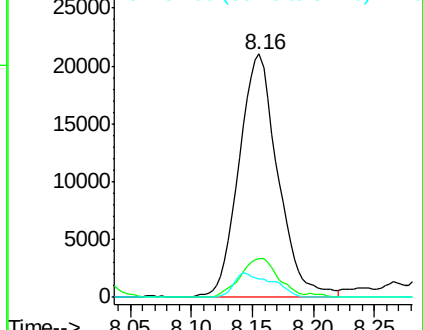
87 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.781 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057726.D

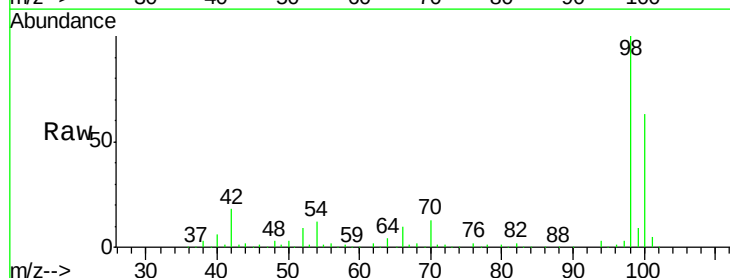
Acq: 6 Sep 2019 20:27

Tgt Ion: 98 Resp: 569182

Ion Ratio Lower Upper

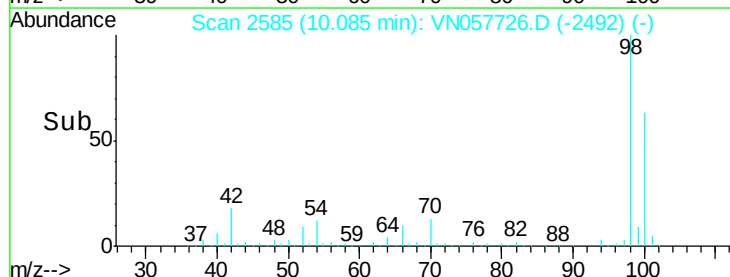
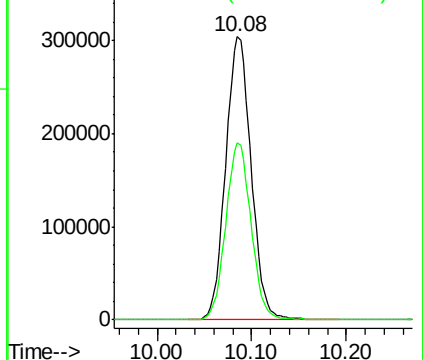
98 100

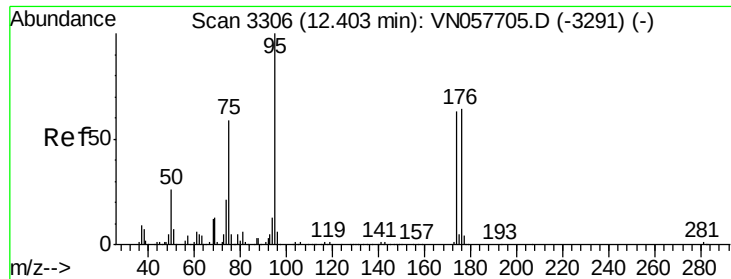
100 61.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.594 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057726.D

Acq: 6 Sep 2019 20:27

Instrument :

MSVOA_N

ClientSampleId :

T12-B2-(0)

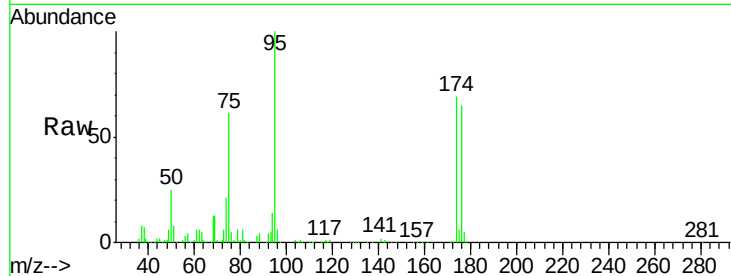
Tot Ion: 95 Resp: 208166

Ion Ratio Lower Upper

95 100

174 66.8 0.0 128.0

176 64.6 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) (-)

12.40

150000

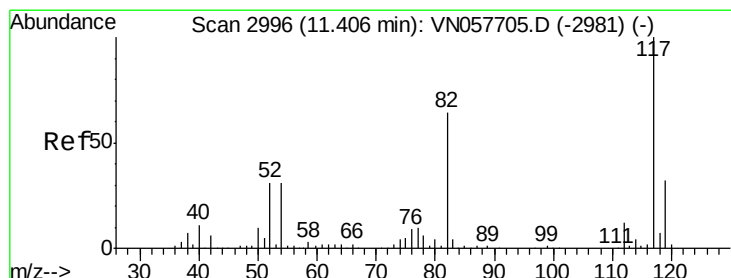
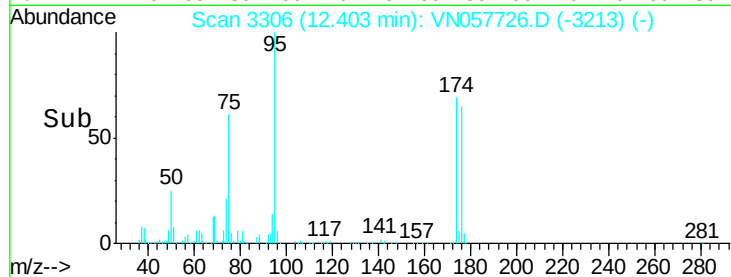
100000

50000

0

Time-->

12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057726.D

Acq: 6 Sep 2019 20:27

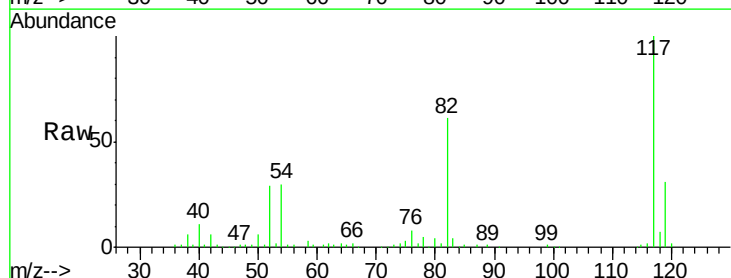
Tgt Ion: 117 Resp: 302294

Ion Ratio Lower Upper

117 100

82 61.3 51.4 77.0

119 30.5 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) (-)

11.41

200000

150000

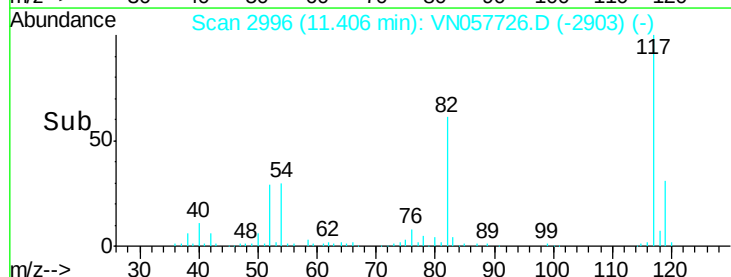
100000

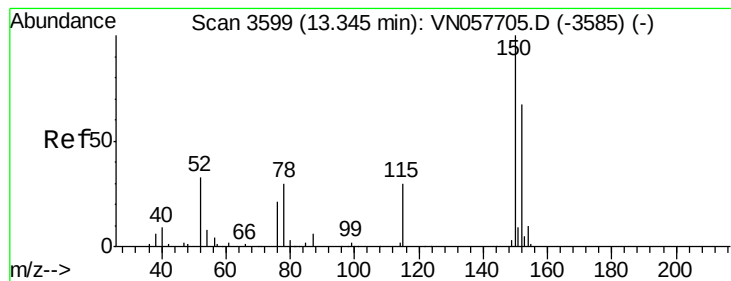
50000

0

Time-->

11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057726.D

Acq: 6 Sep 2019 20:27

Instrument :

MSVOA_N

ClientSampleId :

T12-B2-(0)

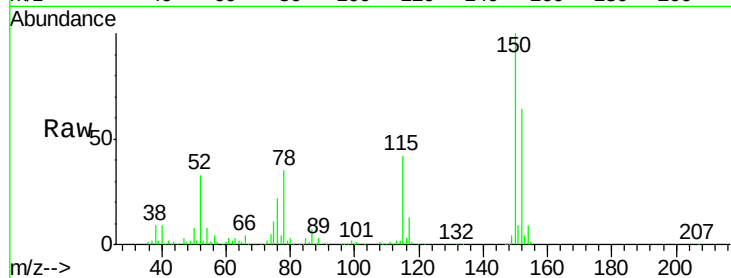
Tot Ion:152 Resp: 151326

Ion Ratio Lower Upper

152 100

115 66.9 33.8 101.3

150 157.5 0.0 345.4



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

