

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052783.D
 Acq On : 11 Dec 2018 5:51
 Operator : MD\SY
 Sample : J6316-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

Quant Time: Dec 11 06:42:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

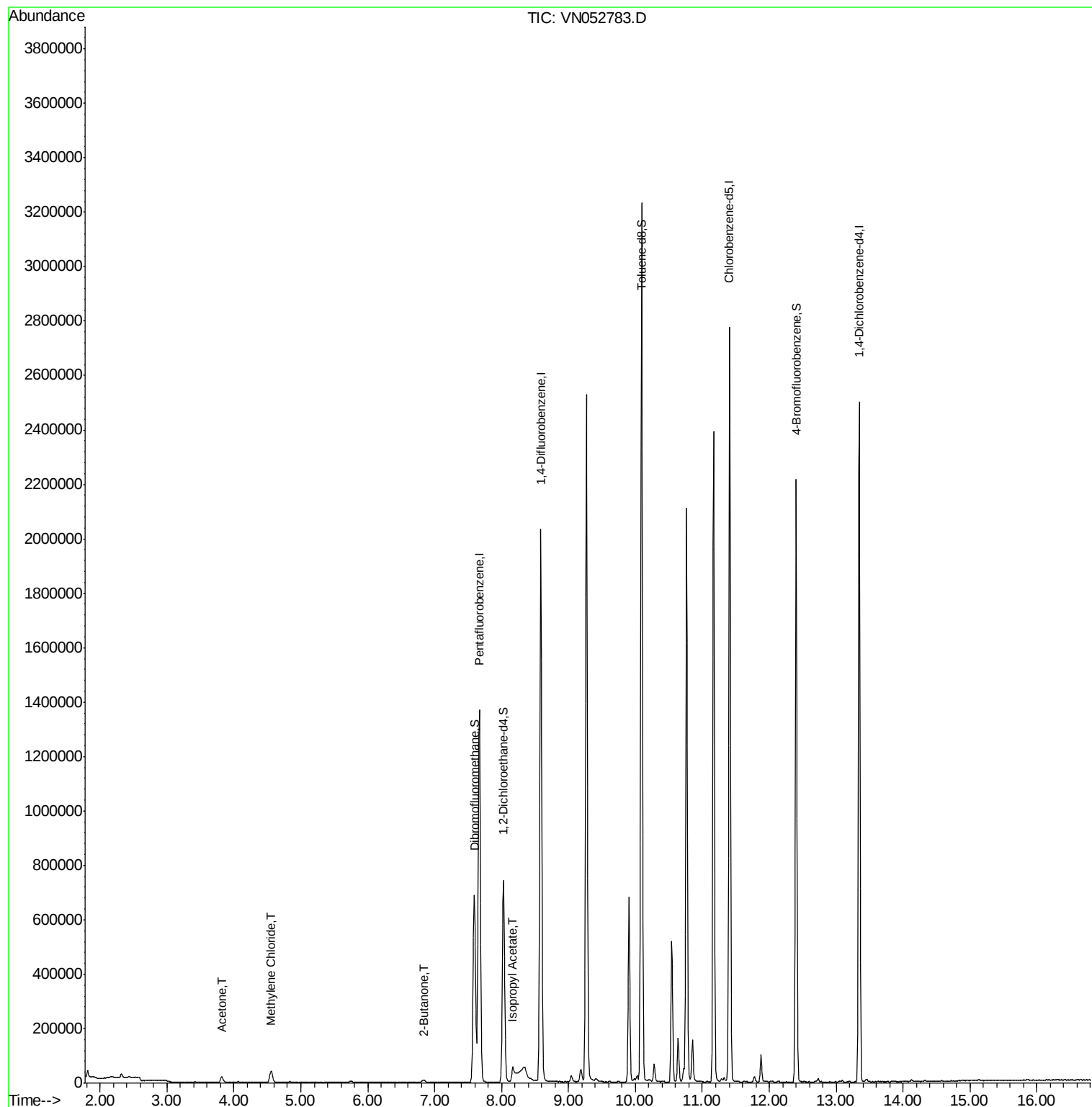
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1203445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1870130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1668680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	696079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	629802	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	7.59	113	543739	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	10.09	98	2300455	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	743532	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
16) Acetone	3.82	43	36845	10.661	ug/l	99
20) Methylene Chloride	4.55	84	31908	2.359	ug/l	93
25) 2-Butanone	6.84	43	9652	1.970	ug/l	98
43) Isopropyl Acetate	8.17	43	68916	3.778	ug/l #	77

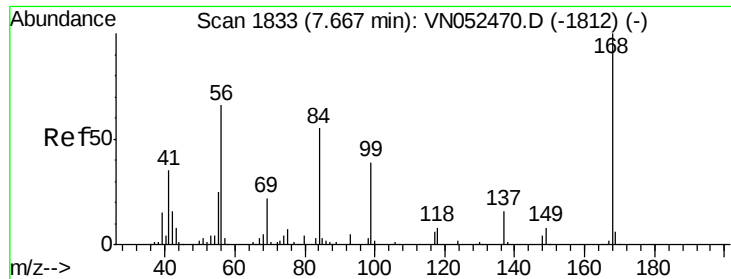
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
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: VN052783.D

Acq: 11 Dec 2018 5:51

Instrument :

MSVOA_N

ClientSampleId :

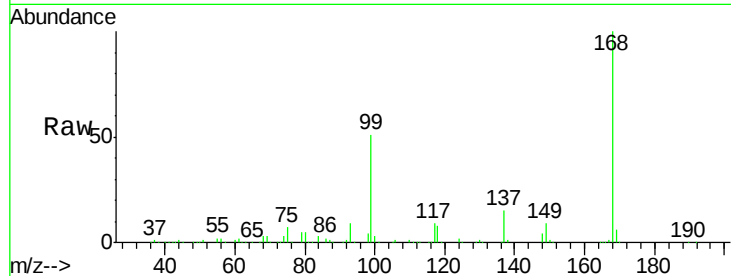
BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion:168 Resp: 1203445

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

300000

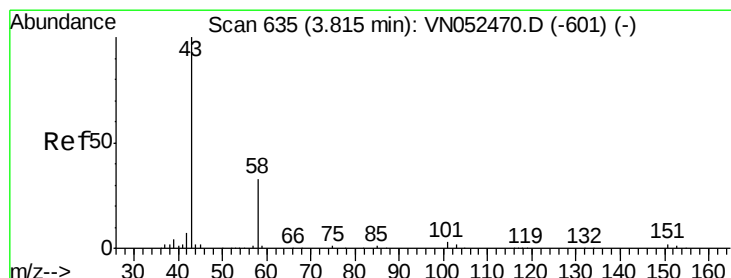
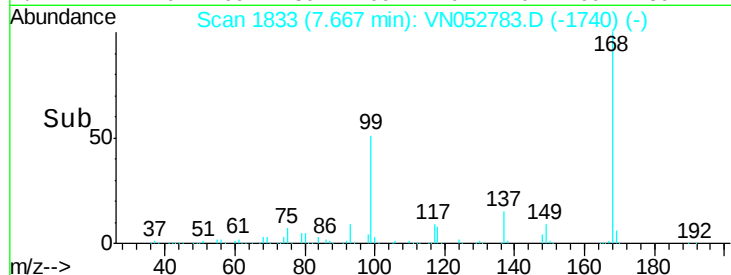
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 10.661 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052783.D

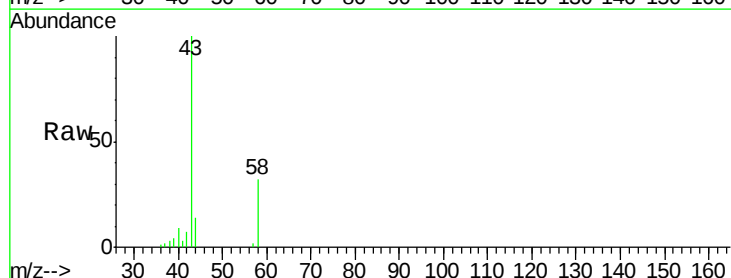
Acq: 11 Dec 2018 5:51

Tgt Ion: 43 Resp: 36845

Ion Ratio Lower Upper

43 100

58 31.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

15000

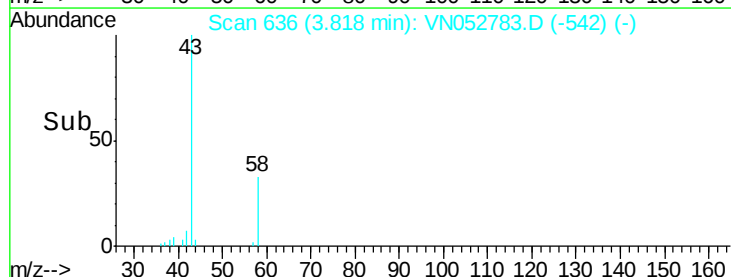
10000

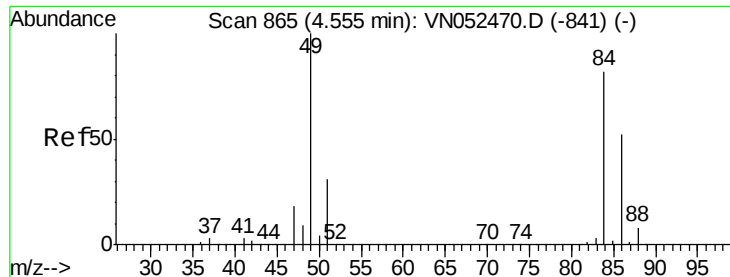
5000

0

Time-->

3.75 3.80 3.85 3.90

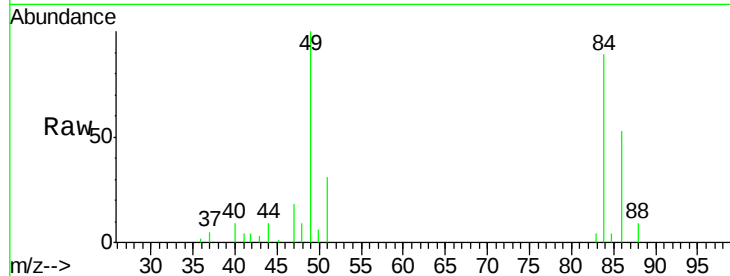




#20
Methvlene Chloride
Concen: 2.359 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion:	84	Resp:	31908
Ion	Ratio	Lower	Upper
84	100		
49	112.1	98.0	147.0
51	35.1	30.1	45.1
86	59.7	50.7	76.1

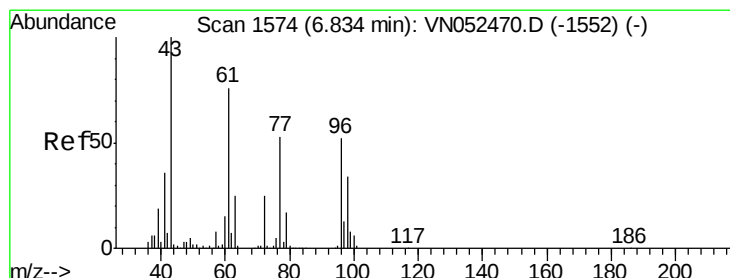
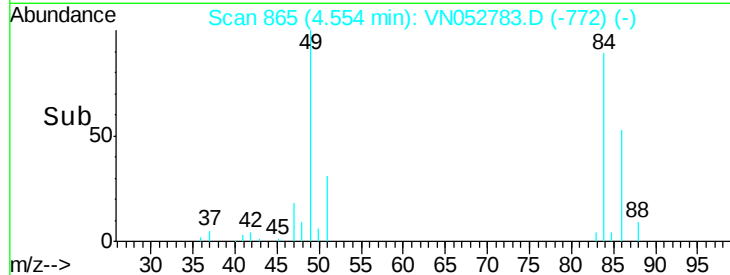
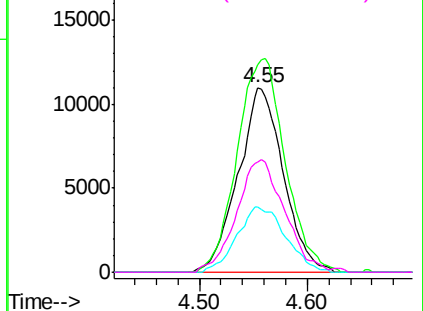


Abundance Ion 83.90 (83.60 to 84.60): VN052783.D (-772) (-)

Ion 48.90 (48.60 to 49.60): VN052783.D (-772) (-)

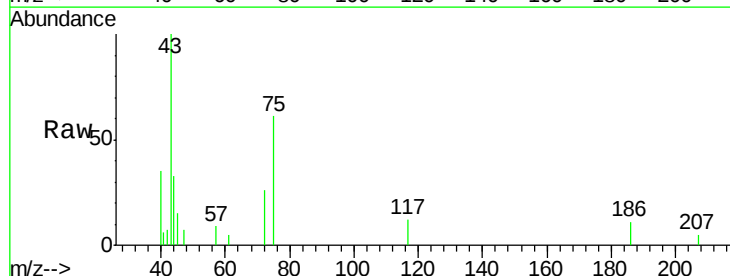
Ion 50.90 (50.60 to 51.60): VN052783.D (-772) (-)

Ion 85.90 (85.60 to 86.60): VN052783.D (-772) (-)



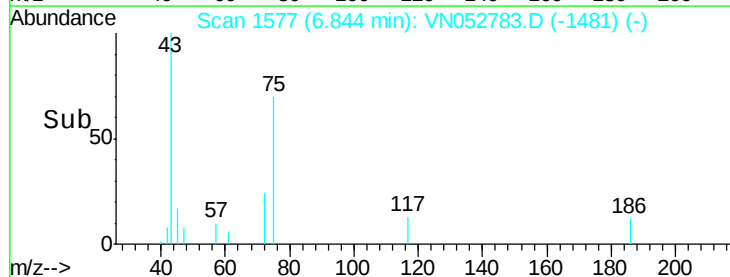
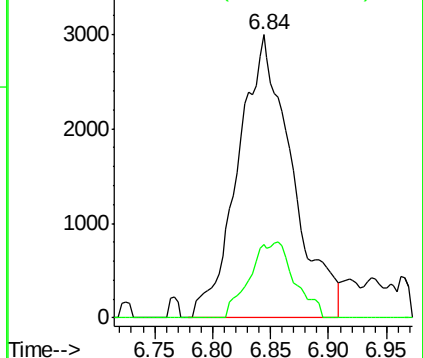
#25
2-Butanone
Concen: 1.970 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

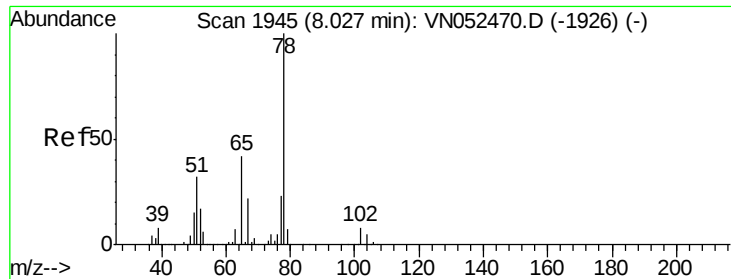
Tgt Ion:	43	Resp:	9652
Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.1	30.1



Abundance Ion 43.00 (42.70 to 43.70): VN052783.D (-1481) (-)

Ion 72.00 (71.70 to 72.70): VN052783.D (-1481) (-)





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052783.D

Acq: 11 Dec 2018 5:51

Instrument :

MSVOA_N

ClientSampleId :

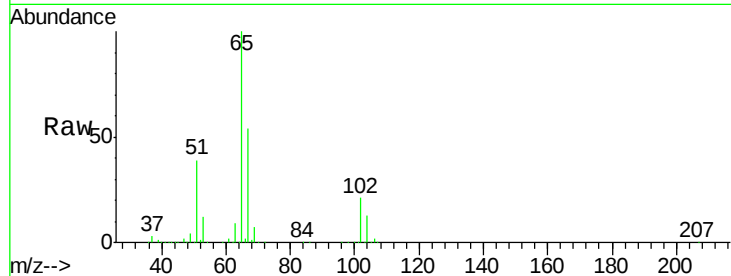
BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion: 65 Resp: 629802

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

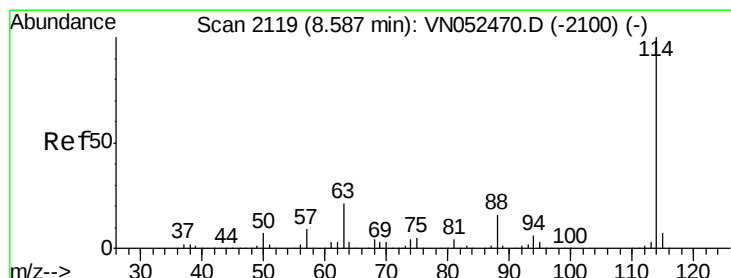
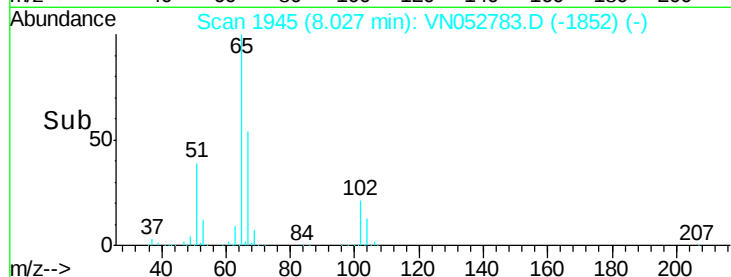
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052783.D

Acq: 11 Dec 2018 5:51

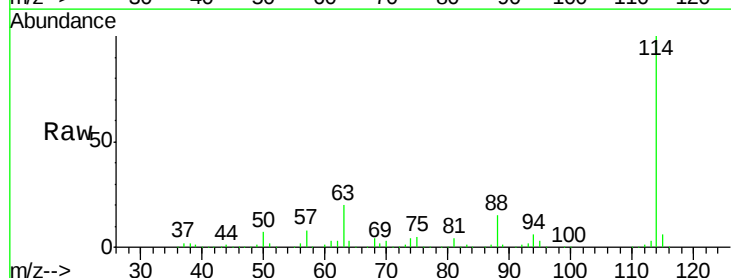
Tgt Ion:114 Resp: 1870130

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

88 15.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

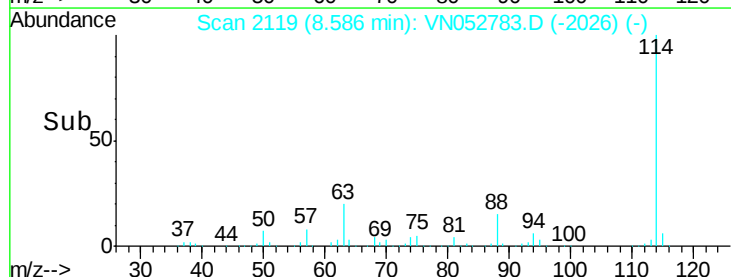
600000

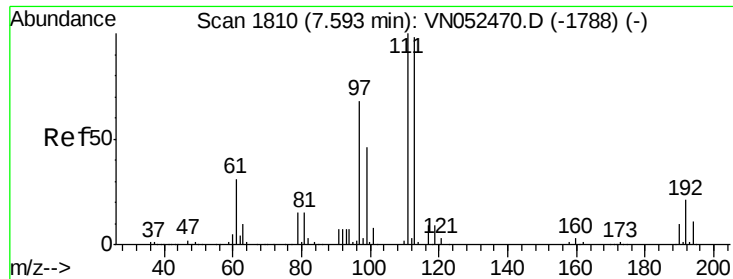
400000

200000

0

Time--> 8.50 8.60 8.70

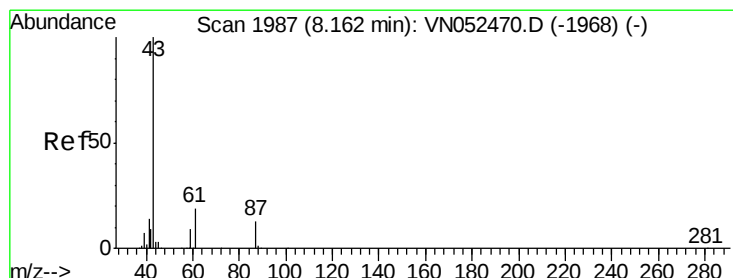
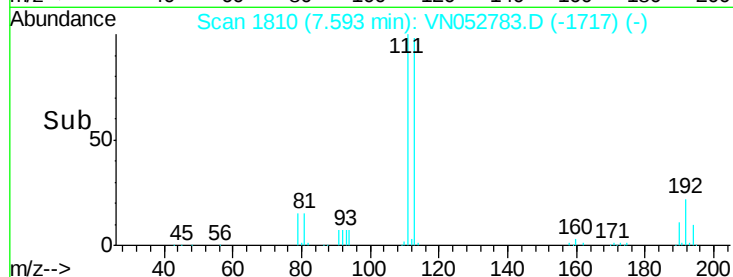
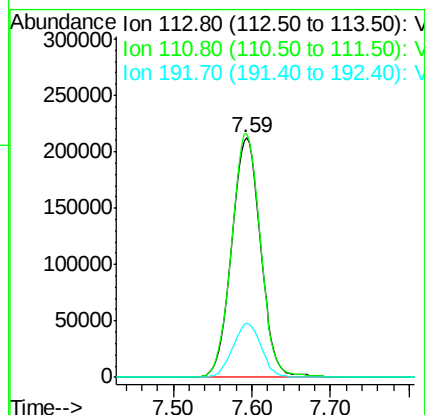
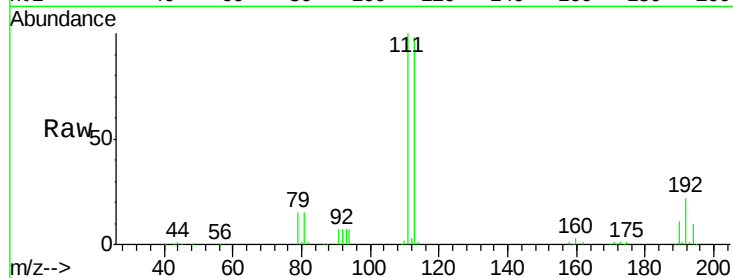




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052783.D
 Acq: 11 Dec 2018 5:51

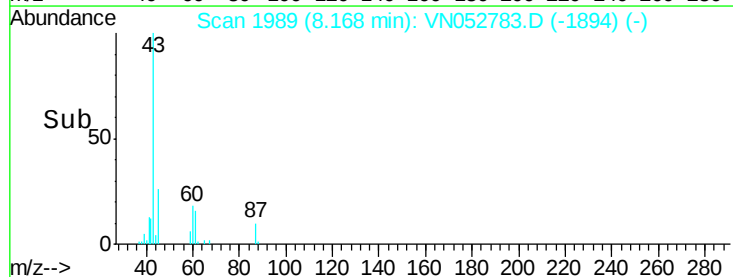
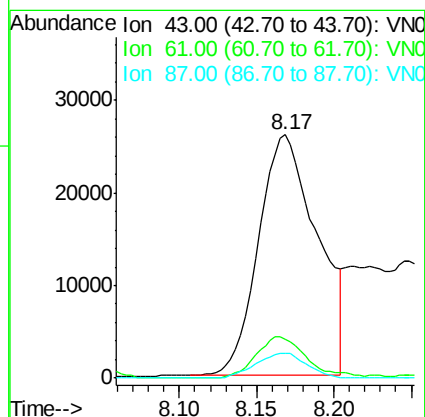
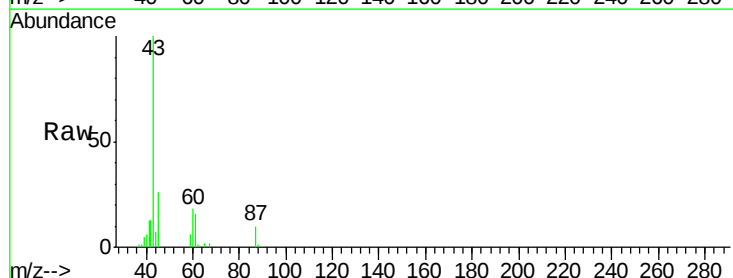
Instrument :
 MSVOA_N
 ClientSampleId :
 BORING-SAMPLE-SIGNAL-TOWER-

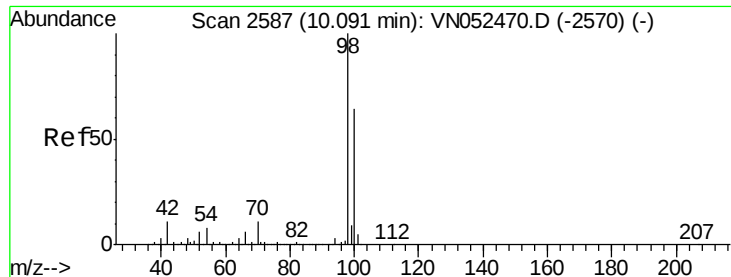
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	22.2	17.0	25.6



#43
 Isopropyl Acetate
 Concen: 3.778 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052783.D
 Acq: 11 Dec 2018 5:51

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	24.1	36.1#
87	8.8	10.6	15.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052783.D

Acq: 11 Dec 2018 5:51

Instrument :

MSVOA_N

ClientSampleId :

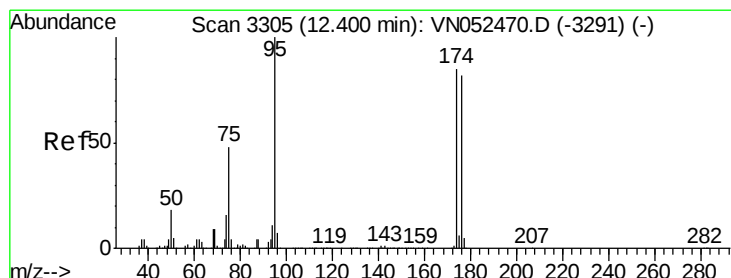
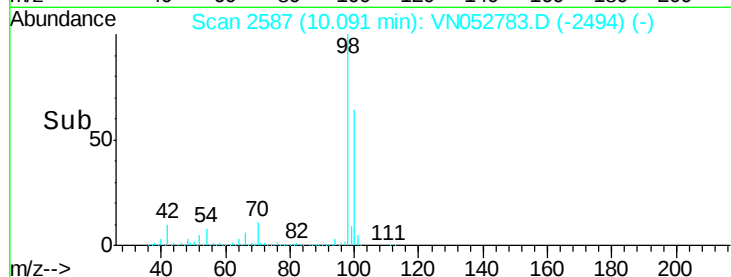
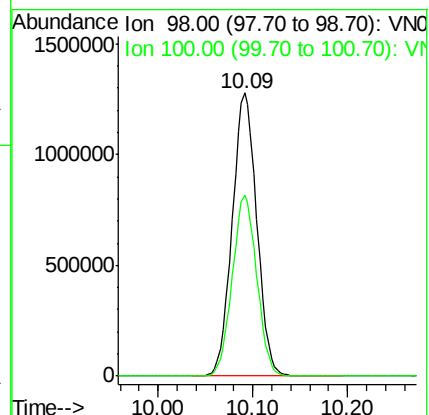
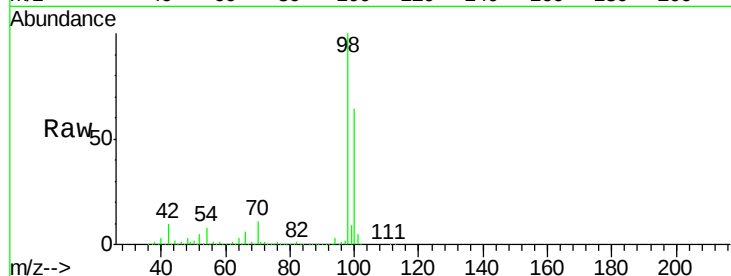
BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion: 98 Resp: 2300455

Ion Ratio Lower Upper

98 100

100 63.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052783.D

Acq: 11 Dec 2018 5:51

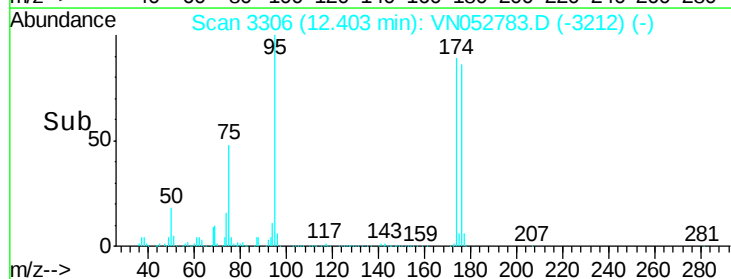
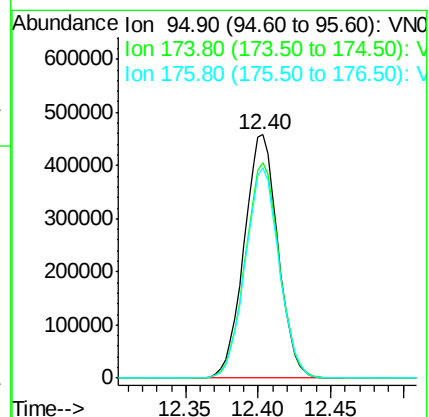
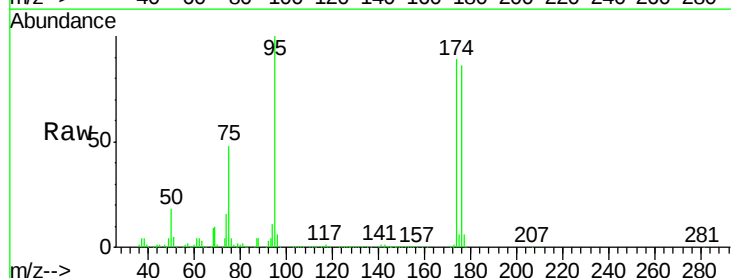
Tgt Ion: 95 Resp: 743532

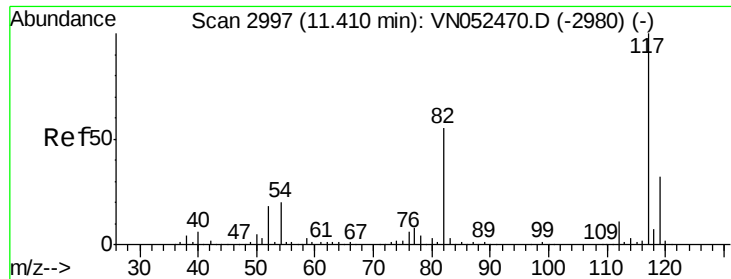
Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.0

176 86.5 0.0 166.2

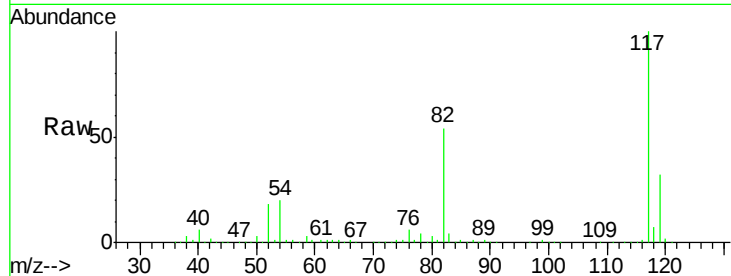




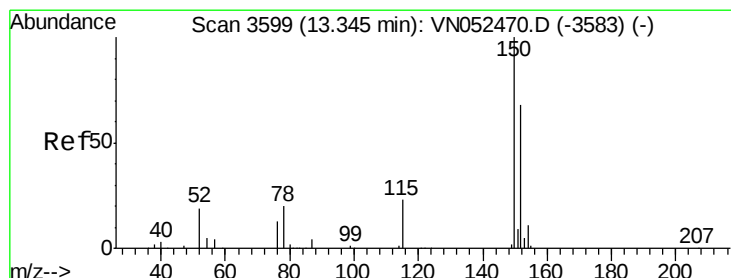
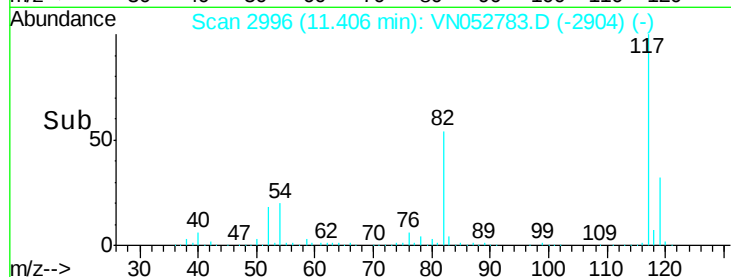
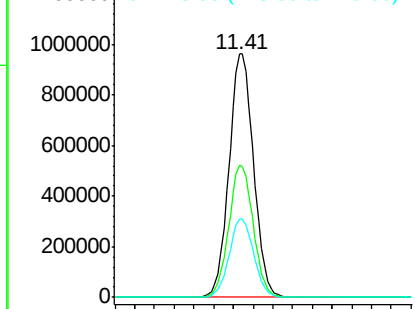
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tot Ion:117 Resp: 1668680
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.2 25.4 38.2

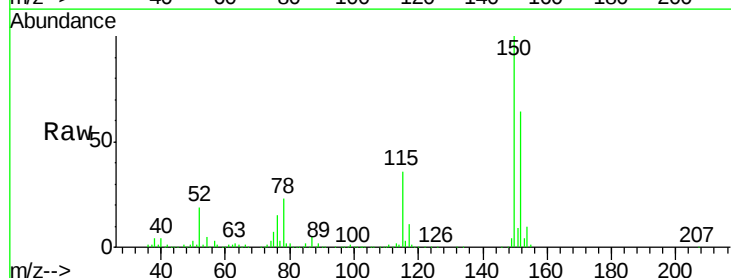


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion:152 Resp: 696079
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 156.6 0.0 346.0



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

