

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100618\
 Data File : VN051703.D
 Acq On : 5 Oct 2018 22:25
 Operator : MD\SY
 Sample : J5084-18ME
 Misc : 5.30g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B-5(12-12.5)ME

Quant Time: Oct 09 08:00:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

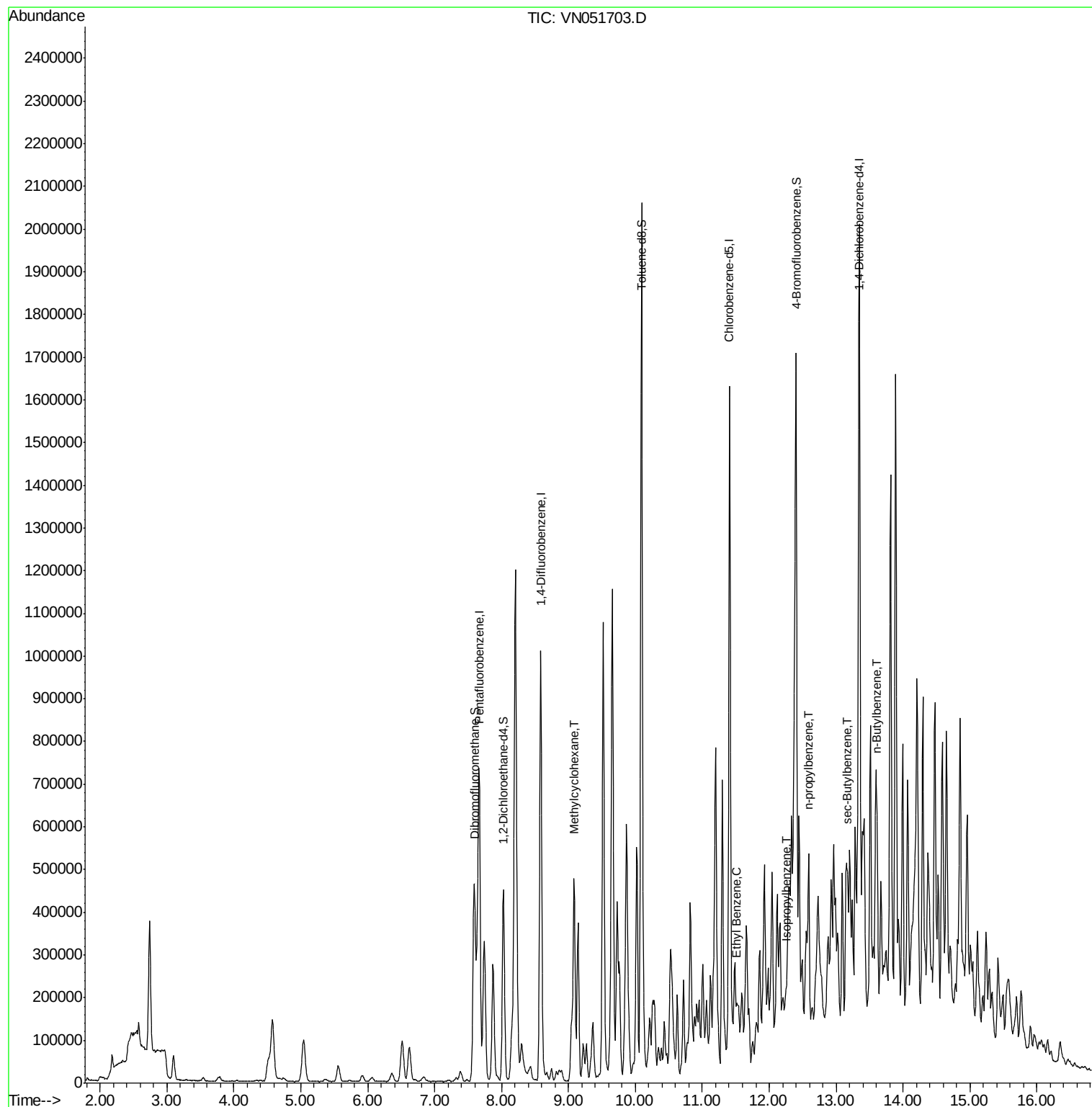
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	368470	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
35) Dibromofluoromethane	7.59	113	332895	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1307501	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	438480	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
39) Methylcyclohexane	9.08	83	99720	8.478	ug/l #	78
67) Ethyl Benzene	11.51	91	30151	0.842	ug/l	94
73) Isopropylbenzene	12.25	105	49865	1.311	ug/l	99
78) n-propylbenzene	12.59	91	289620	6.981	ug/l	97
85) sec-Butylbenzene	13.17	105	148217	3.901	ug/l #	50
89) n-Butylbenzene	13.61	91	254010	9.539	ug/l #	74

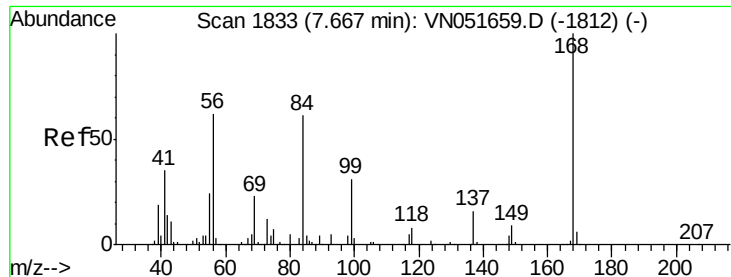
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-5(12-12.5)ME

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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: VN051703.D

Acq: 5 Oct 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

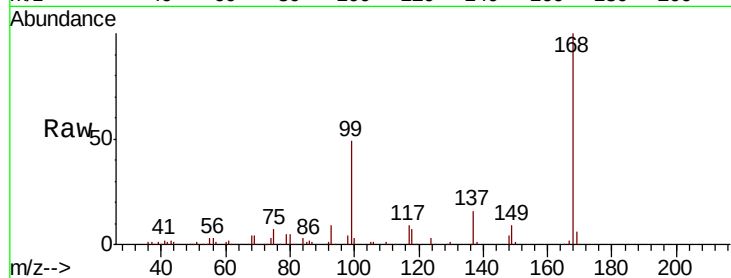
B-5(12-12.5)ME

Tgt Ion:168 Resp: 608226

Ion Ratio Lower Upper

168 100

99 48.8 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

100000

50000

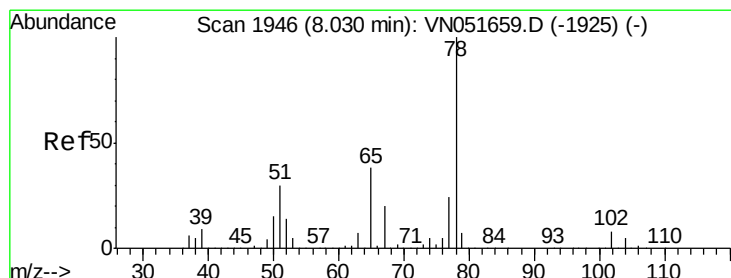
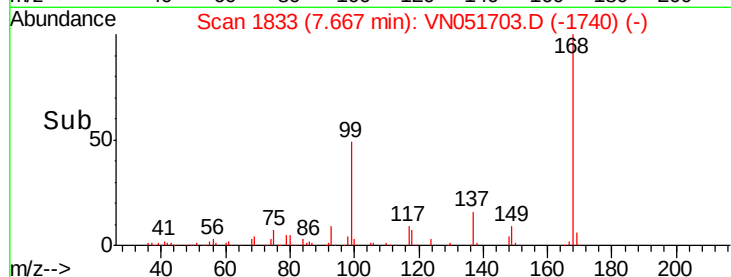
0

Time-->

7.60

7.70

7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051703.D

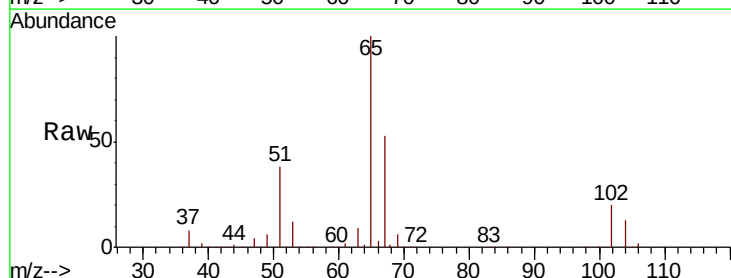
Acq: 5 Oct 2018 22:25

Tgt Ion: 65 Resp: 368470

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

100000

50000

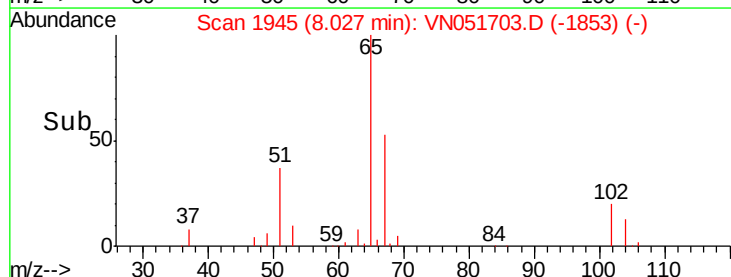
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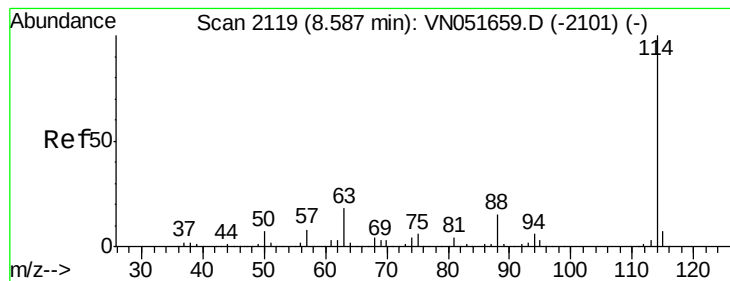
Time-->

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: VN051703.D

Acq: 5 Oct 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

B-5(12-12.5)ME

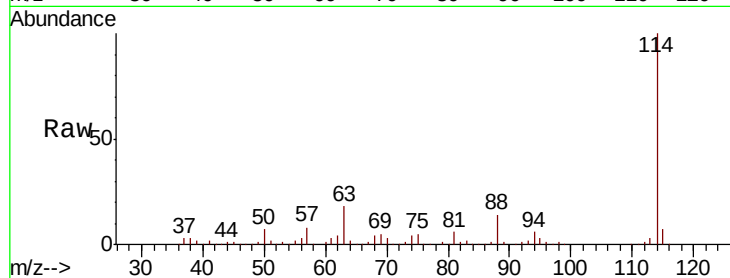
Tgt Ion:114 Resp: 896478

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.2

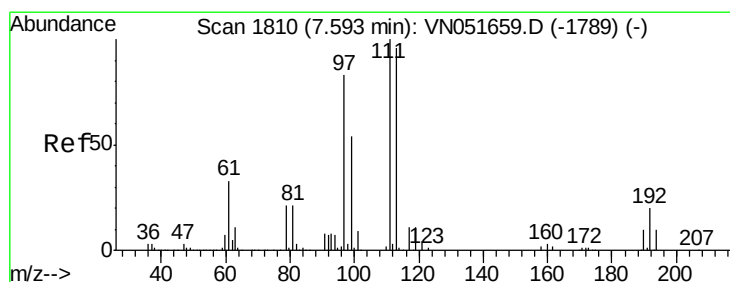
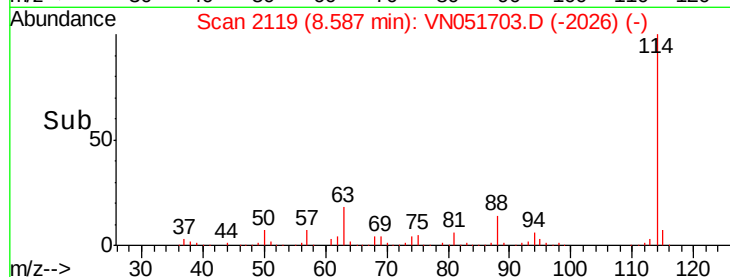
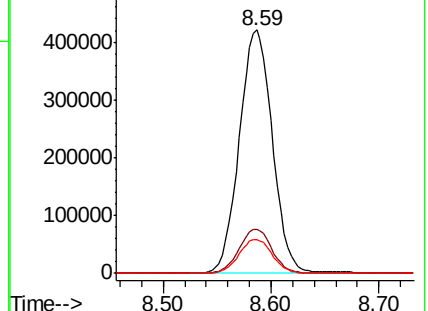
88 14.0 0.0 30.2



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

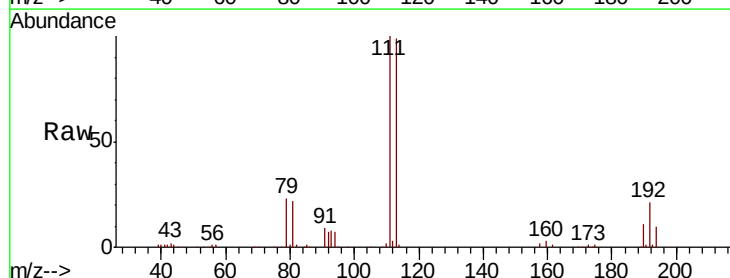
Tgt Ion:113 Resp: 332895

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

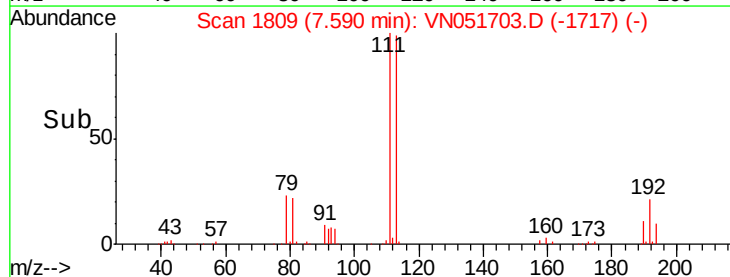
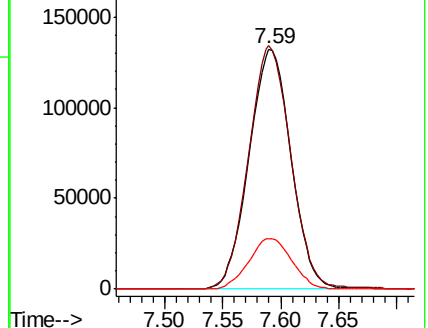
192 21.7 16.5 24.7

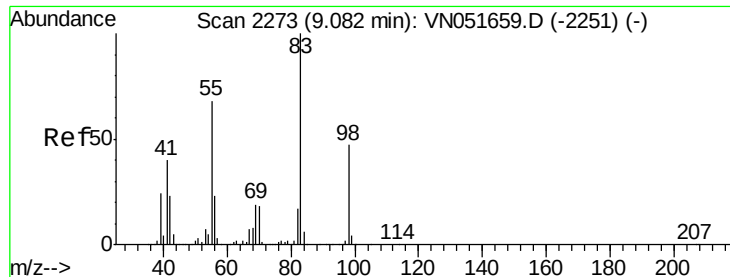


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

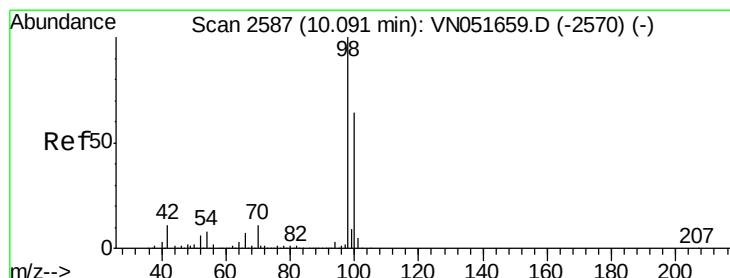
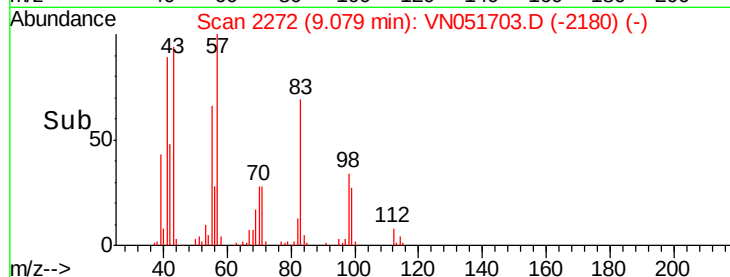
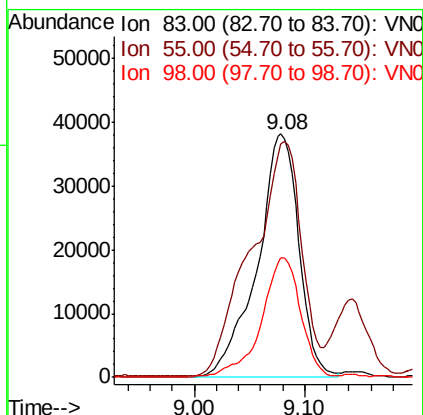
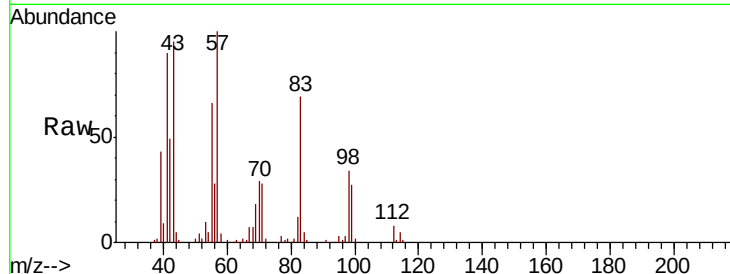




#39
Methylcyclohexane
Concen: 8.478 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

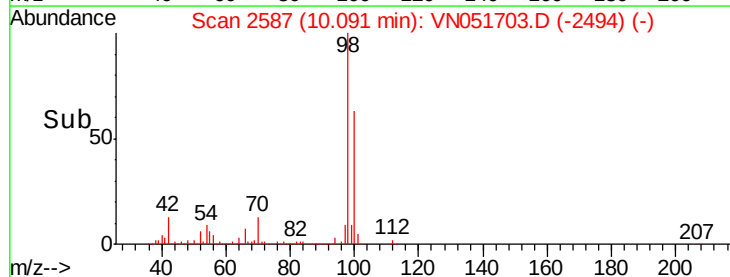
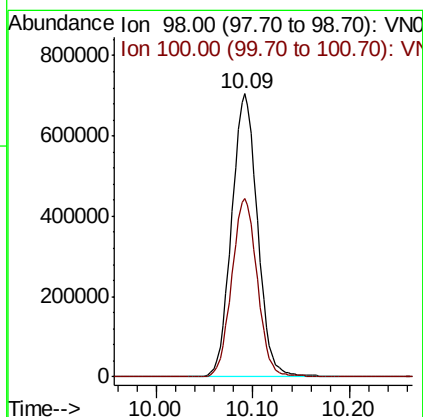
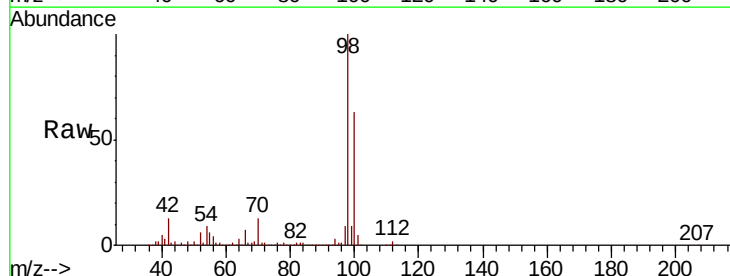
Instrument :
MSVOA_N
ClientSampleId :
B-5(12-12.5)ME

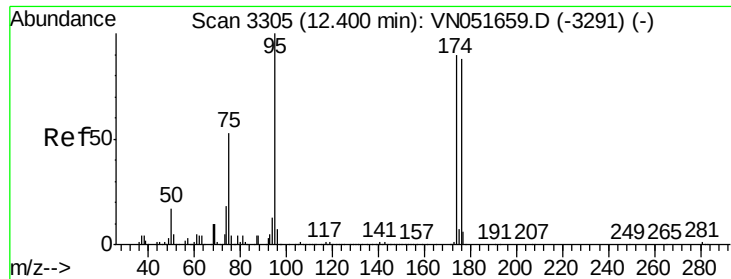
Tgt Ion: 83 Resp: 99720
Ion Ratio Lower Upper
83 100
55 95.2 54.3 81.5#
98 49.3 37.4 56.2



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tgt Ion: 98 Resp: 1307501
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3

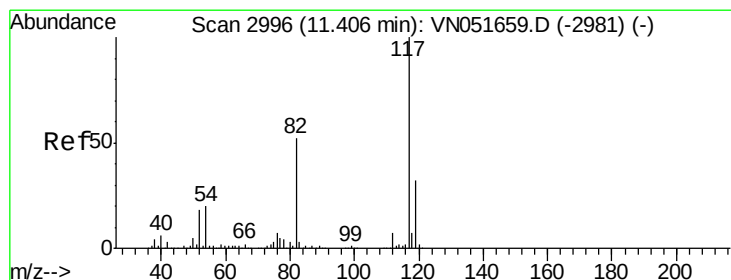
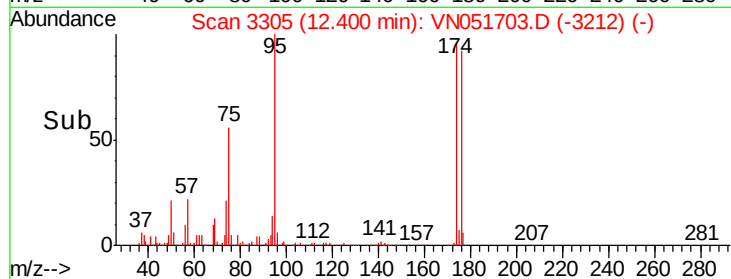
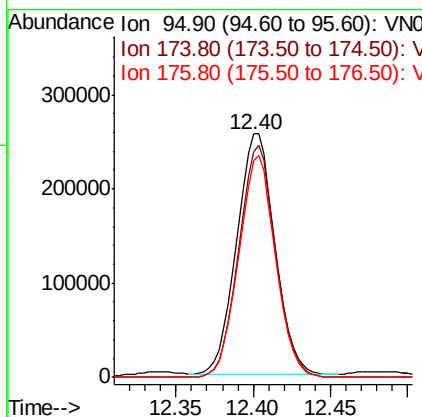
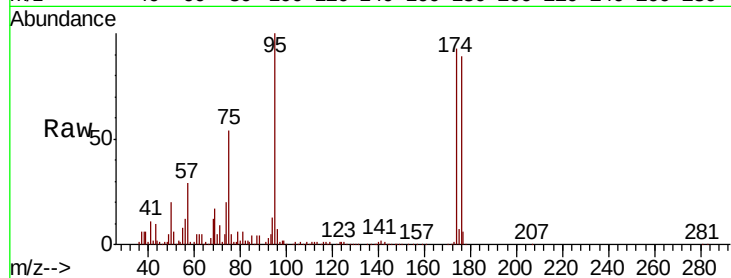




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

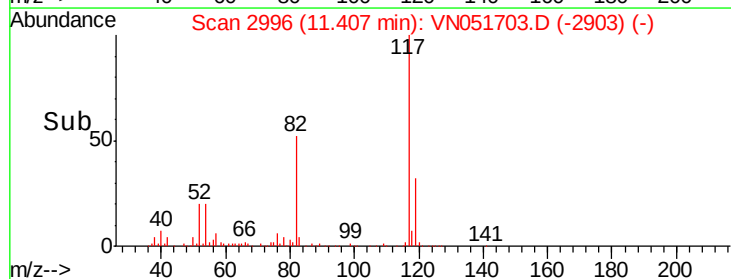
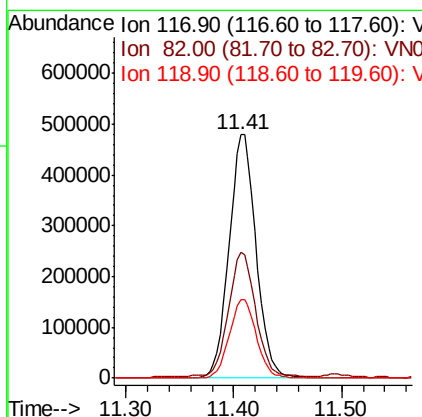
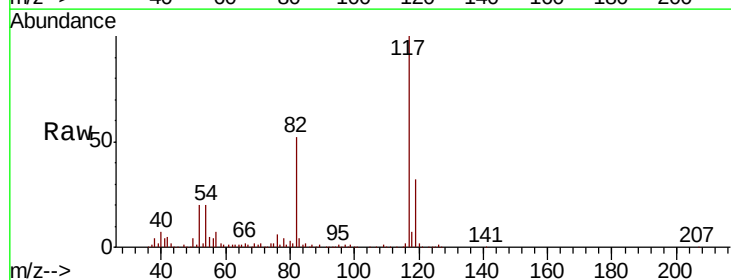
Instrument :
MSVOA_N
ClientSampleId :
B-5(12-12.5)ME

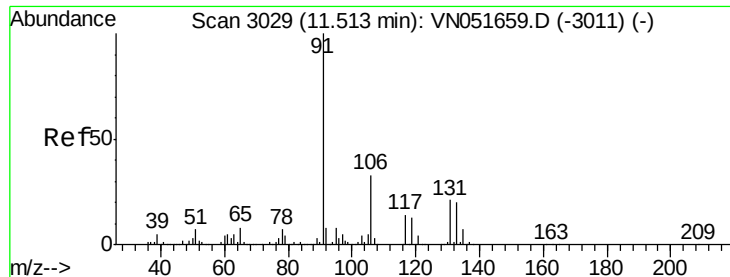
Tgt Ion: 95 Resp: 438480
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.8
176 88.9 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tgt Ion: 117 Resp: 836034
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 32.2 25.9 38.9





#67

Ethyl Benzene

Concen: 0.842 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

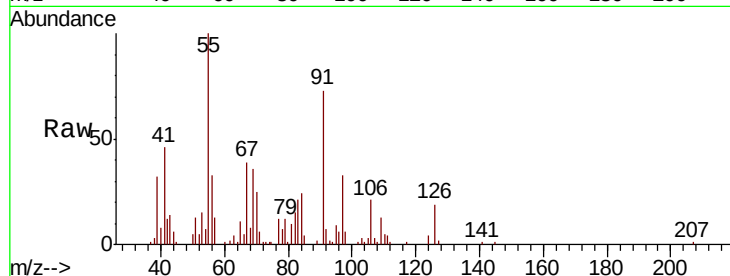
B-5(12-12.5)ME

Tgt Ion: 91 Resp: 30151

Ion Ratio Lower Upper

91 100

106 29.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN051659.D (-3011) (-)

11.51

20000

15000

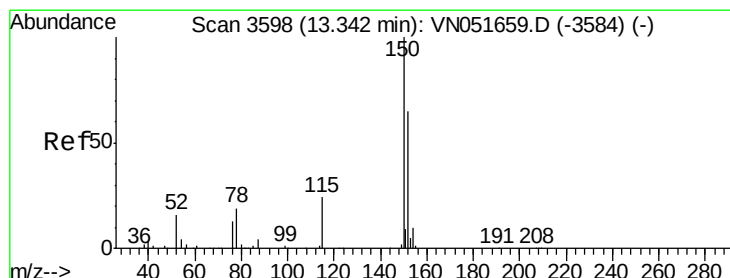
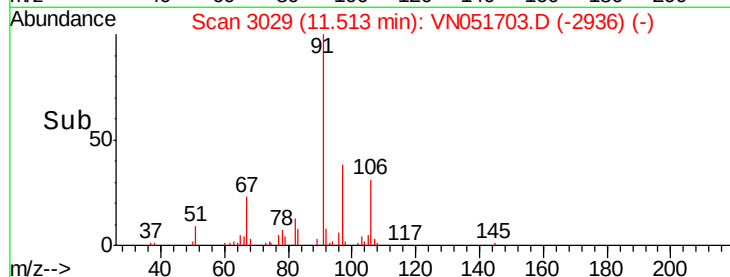
10000

5000

0

Time-->

11.45 11.50 11.55



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

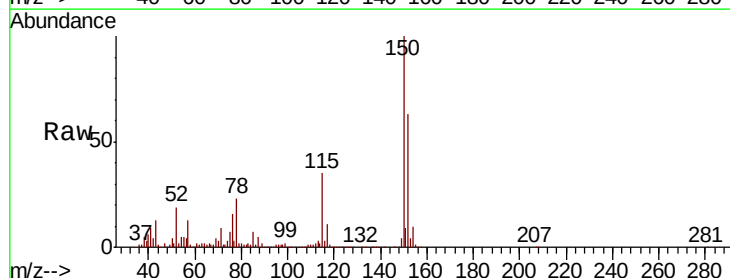
Tgt Ion: 152 Resp: 446183

Ion Ratio Lower Upper

152 100

115 55.8 28.6 85.8

150 157.9 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): VN051659.D (-3584) (-)

Ion 114.90 (114.60 to 115.60): VN051659.D (-3584) (-)

Ion 149.90 (149.60 to 150.60): VN051659.D (-3584) (-)

500000

400000

300000

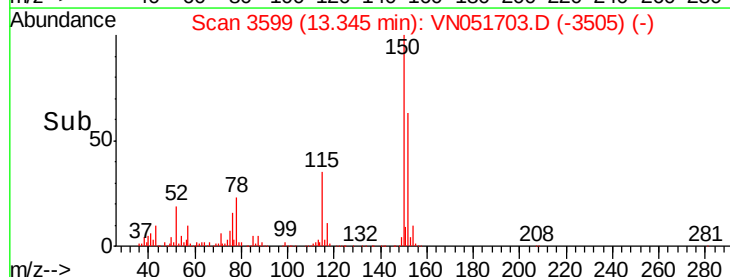
200000

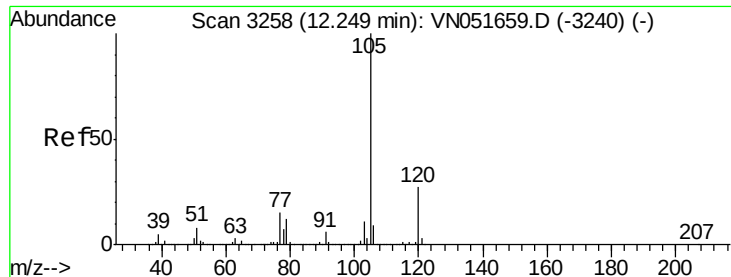
100000

0

Time-->

13.30 13.35 13.40





#73

Isopropylbenzene

Concen: 1.311 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

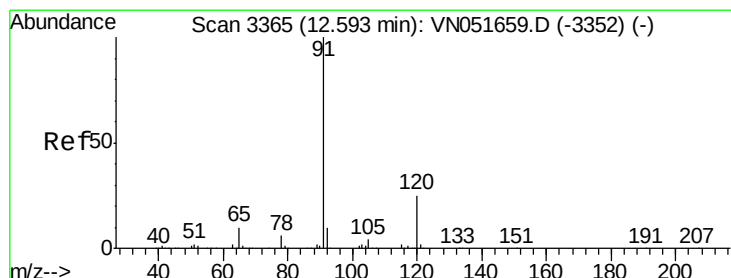
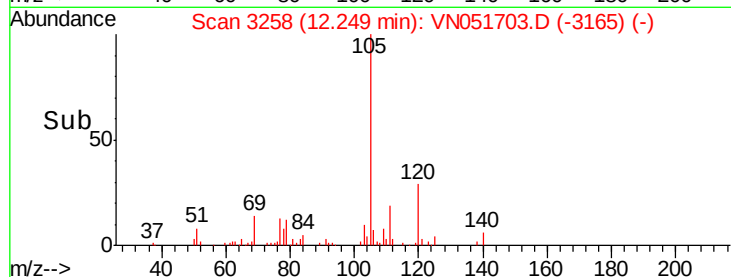
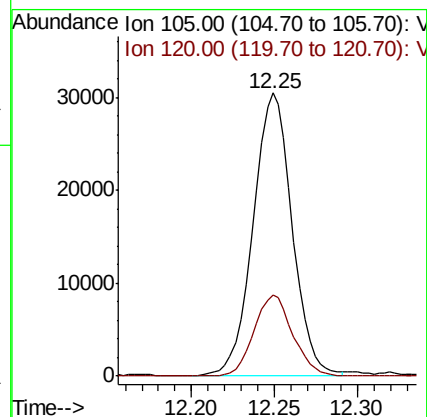
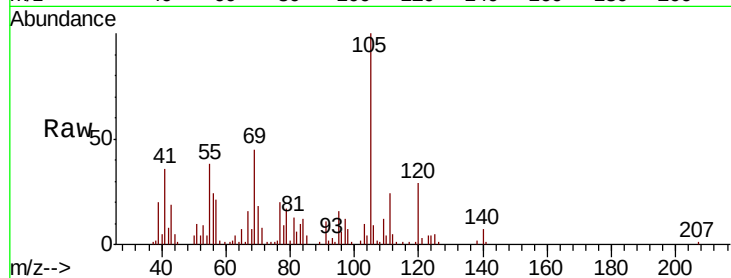
B-5(12-12.5)ME

Tgt Ion: 105 Resp: 49865

Ion Ratio Lower Upper

105 100

120 28.3 13.9 41.6



#78

n-propylbenzene

Concen: 6.981 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051703.D

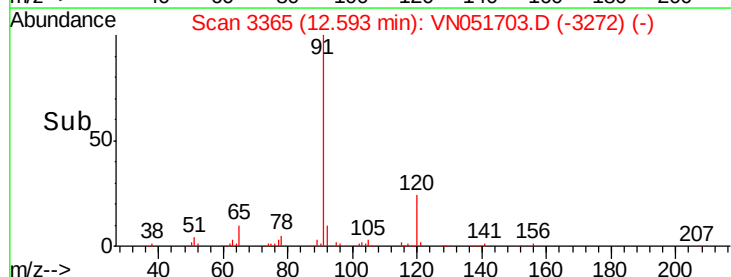
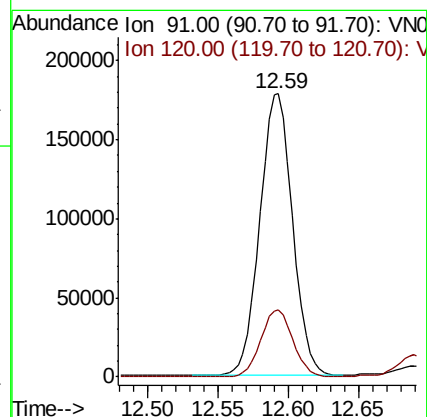
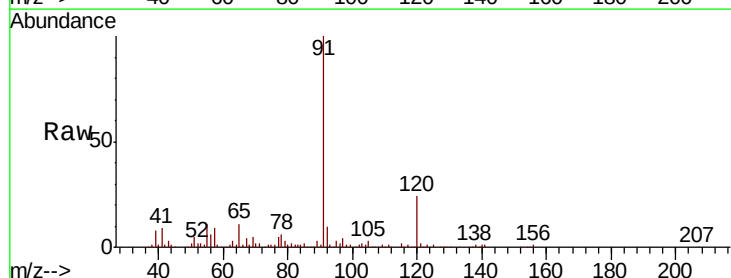
Acq: 5 Oct 2018 22:25

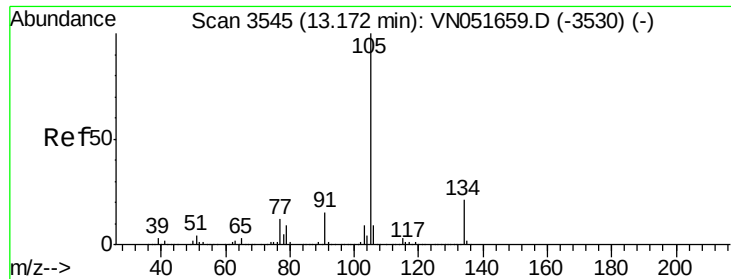
Tgt Ion: 91 Resp: 289620

Ion Ratio Lower Upper

91 100

120 23.3 12.4 37.2





#85

sec-Butylbenzene

Concen: 3.901 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

Instrument :

MSVOA_N

ClientSampleId :

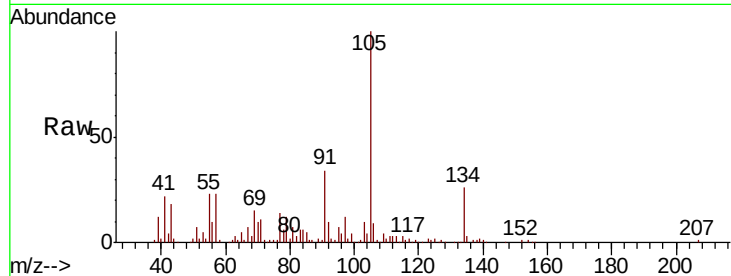
B-5(12-12.5)ME

Tgt Ion: 105 Resp: 148217

Ion Ratio Lower Upper

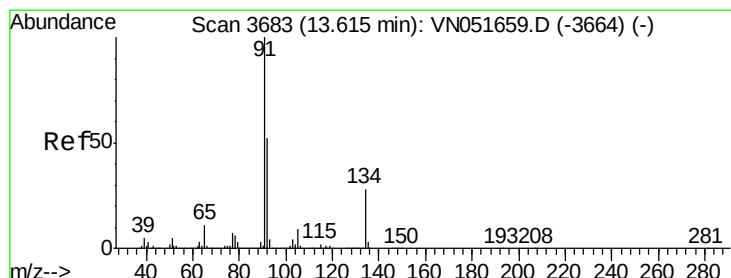
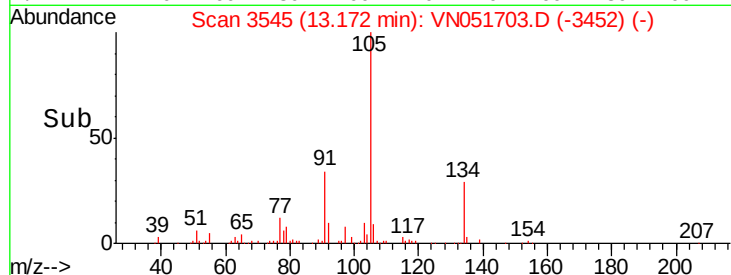
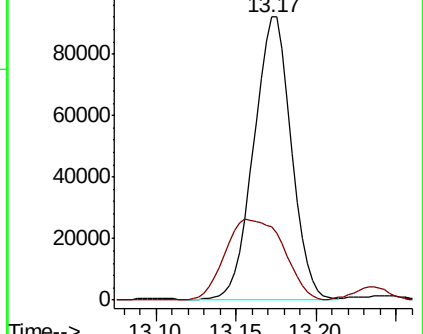
105 100

134 44.5 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 9.539 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

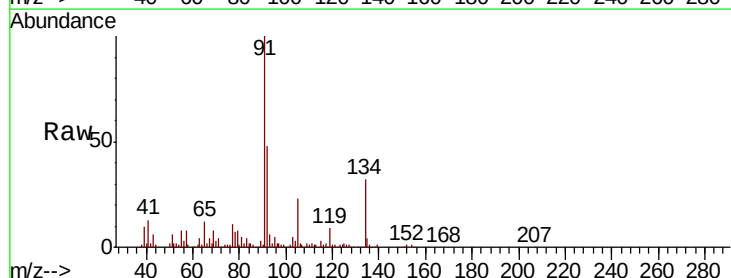
Tgt Ion: 91 Resp: 254010

Ion Ratio Lower Upper

91 100

92 43.7 26.0 78.0

134 55.9 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

