

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051701.D
 Acq On : 5 Oct 2018 21:35
 Operator : MD\SY
 Sample : J5084-13
 Misc : 5.76g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B-11(12-12.5)

Quant Time: Oct 06 02:08:58 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

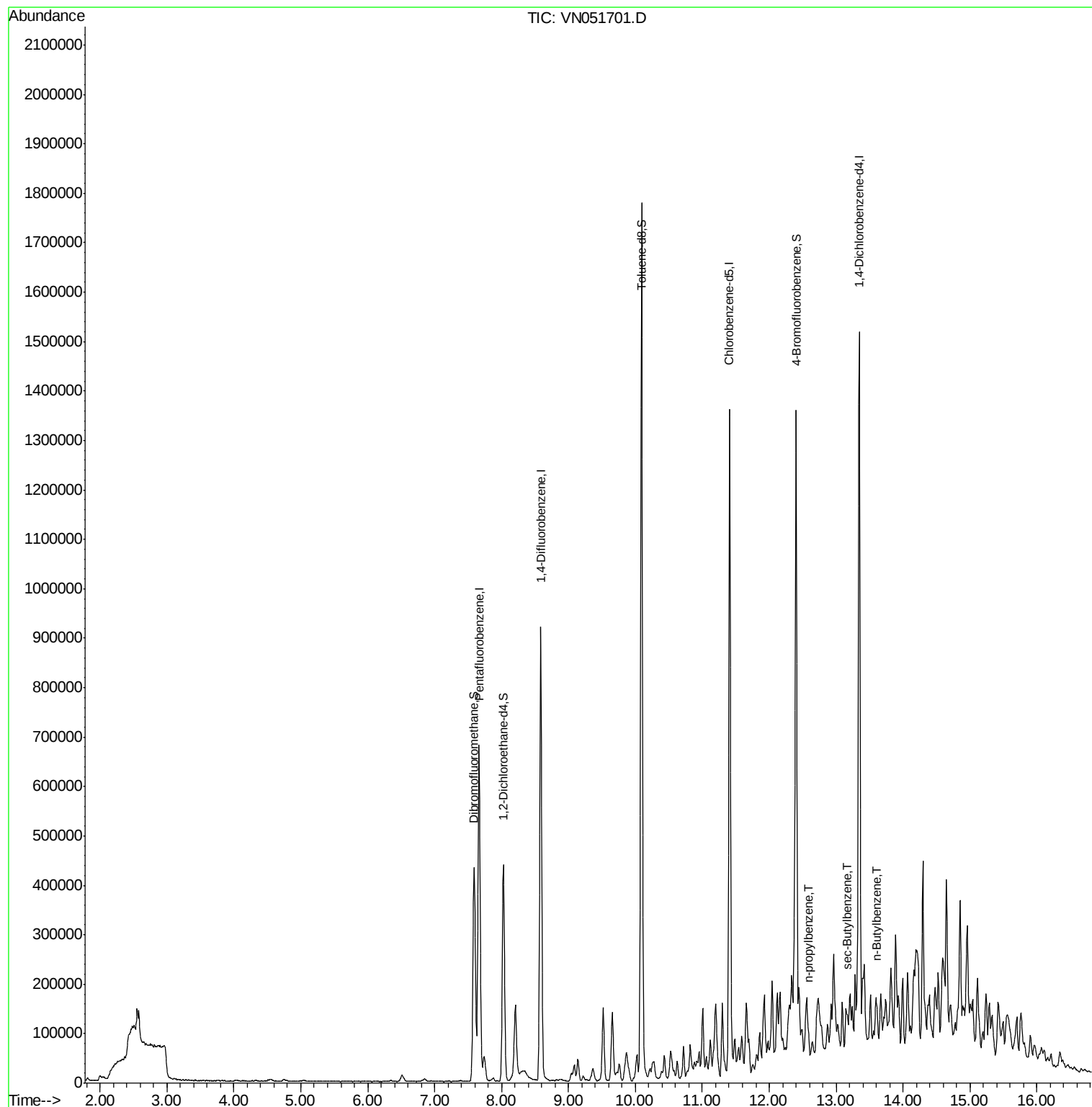
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	590571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	853732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361661	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
35) Dibromofluoromethane	7.59	113	319028	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1229049	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	384143	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
78) n-propylbenzene	12.59	91	22684	0.647	ug/l	99
85) sec-Butylbenzene	13.17	105	20119	0.626	ug/l #	49
89) n-Butylbenzene	13.61	91	39258	1.744	ug/l #	72

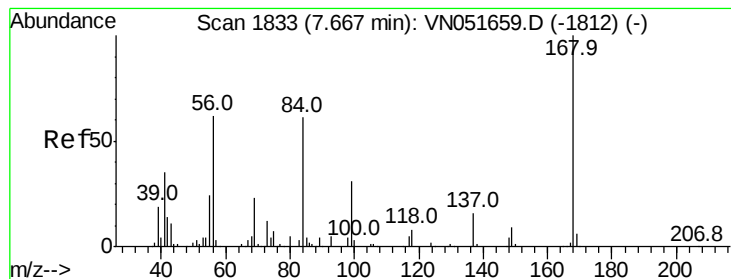
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051701.D

Acq: 5 Oct 2018 21:35

Instrument :

MSVOA_N

ClientSampled :

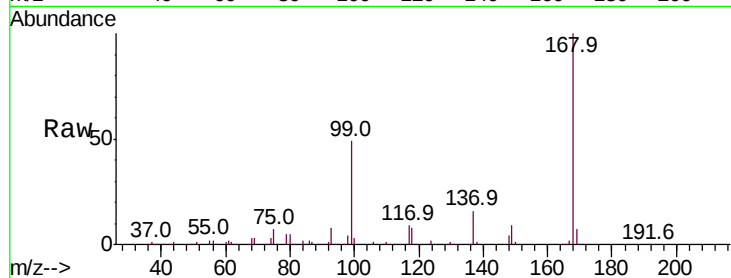
B-11(12-12.5)

Tot Ion:168 Resp: 590571

Ion Ratio Lower Upper

168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

150000

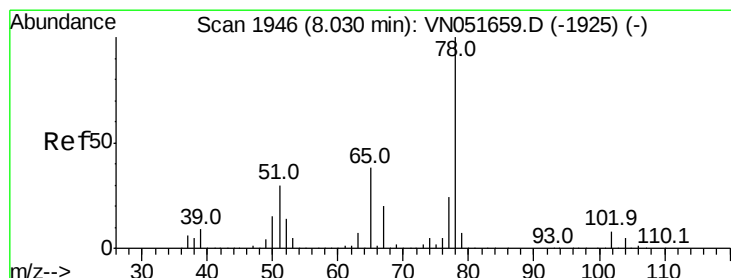
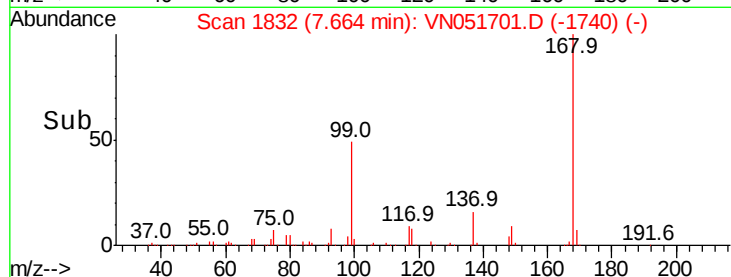
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051701.D

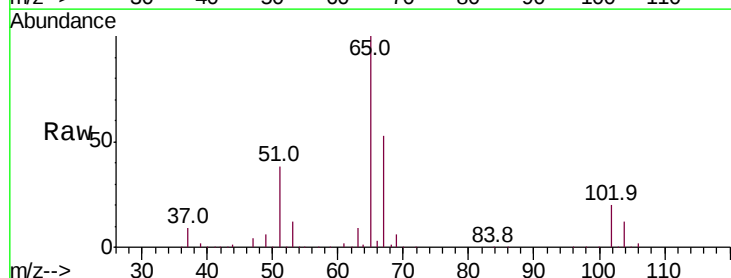
Acq: 5 Oct 2018 21:35

Tgt Ion: 65 Resp: 361661

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

150000

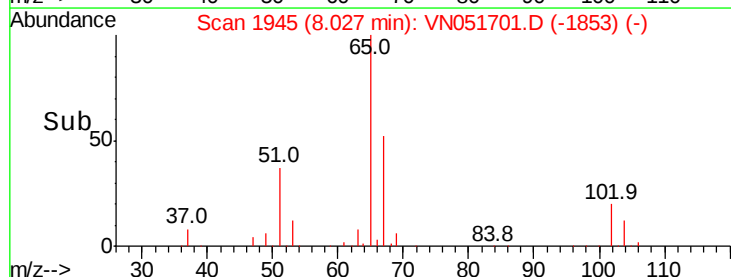
100000

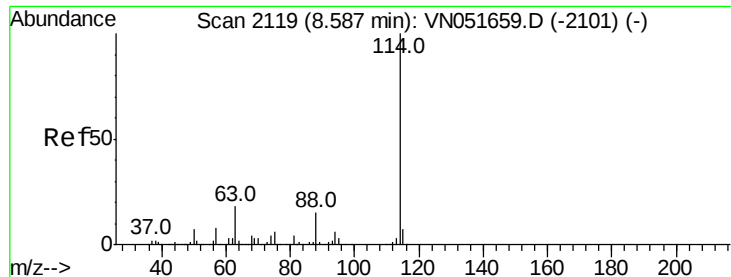
50000

0

7.90 8.00 8.10

Time-->

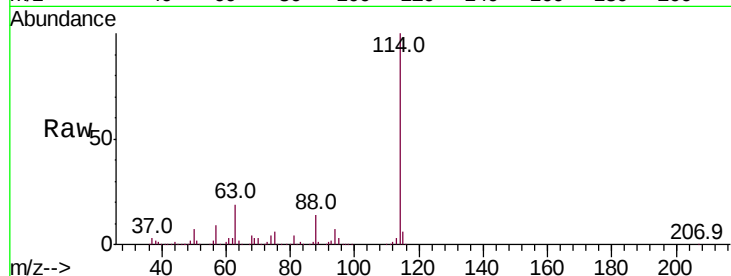




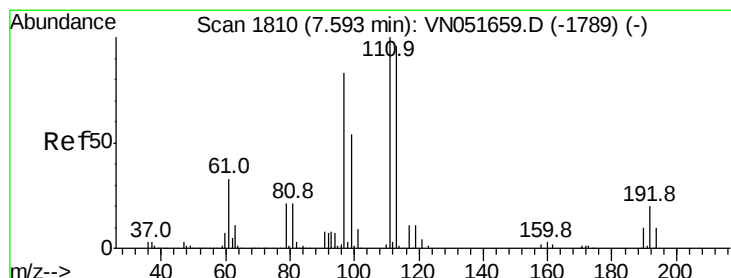
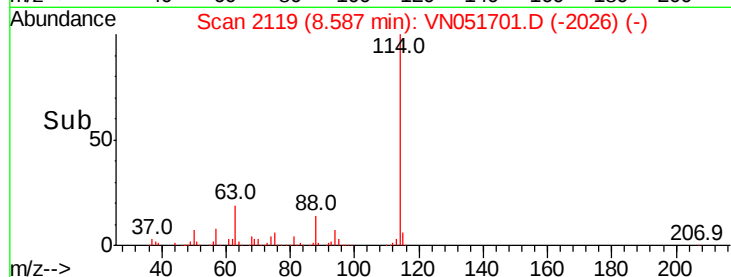
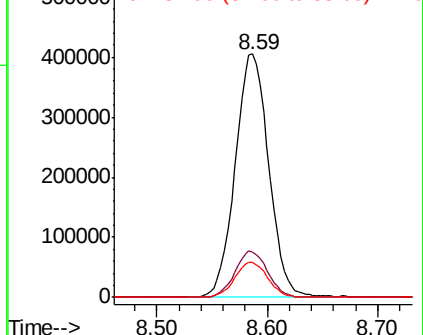
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051701.D
 Acq: 5 Oct 2018 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 B-11(12-12.5)

Tot Ion:114 Resp: 853732
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 14.2 0.0 30.2

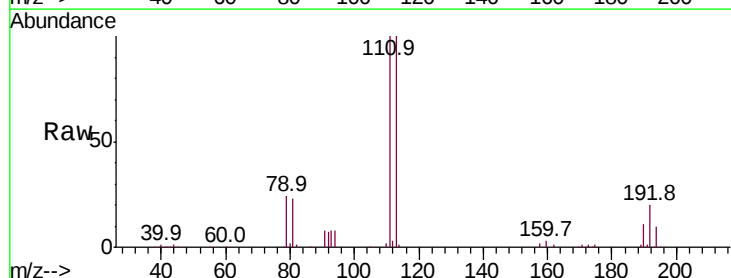


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

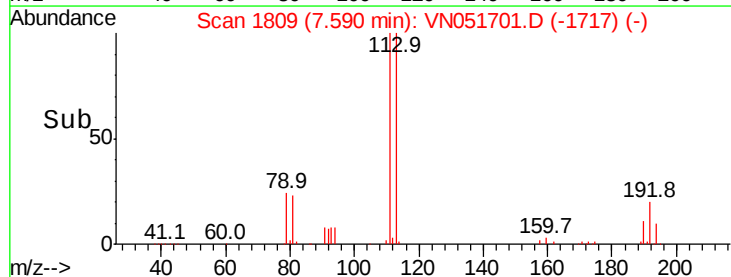
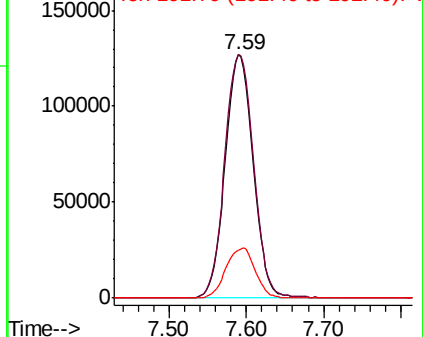


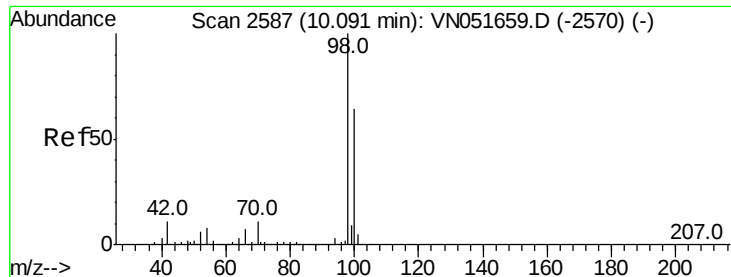
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051701.D
 Acq: 5 Oct 2018 21:35

Tgt Ion:113 Resp: 319028
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 21.3 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051701.D

Acq: 5 Oct 2018 21:35

Instrument :

MSVOA_N

ClientSampleId :

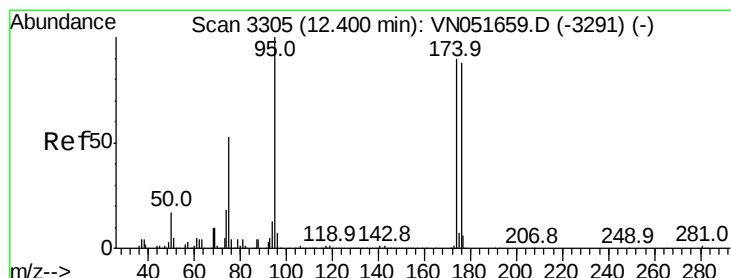
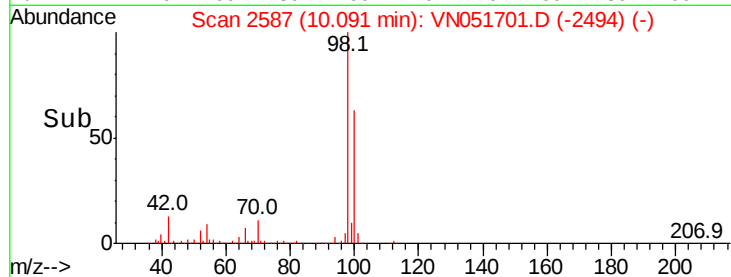
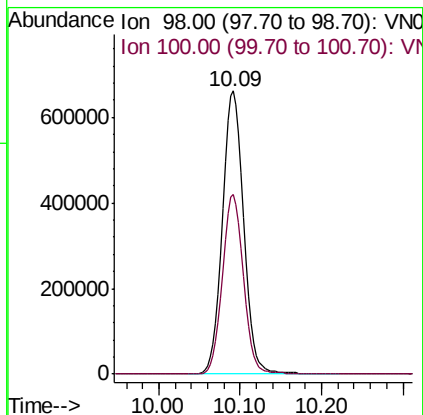
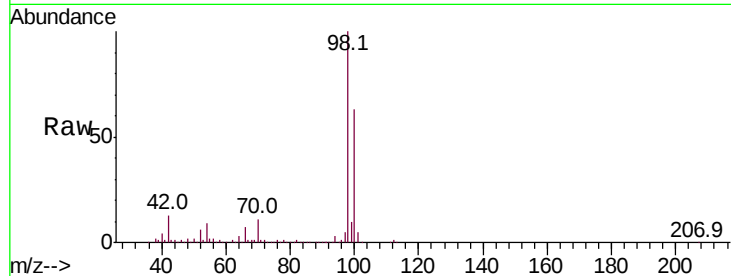
B-11(12-12.5)

Tot Ion: 98 Resp: 1229049

Ion Ratio Lower Upper

98 100

100 62.8 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: VN051701.D

Acq: 5 Oct 2018 21:35

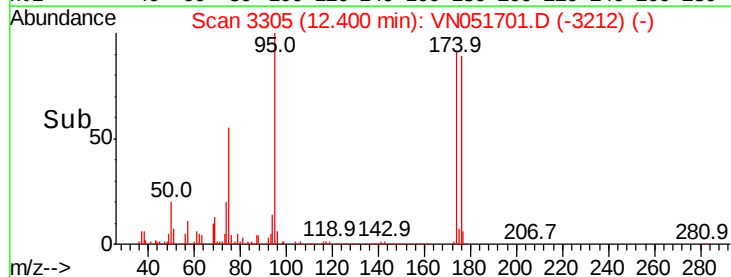
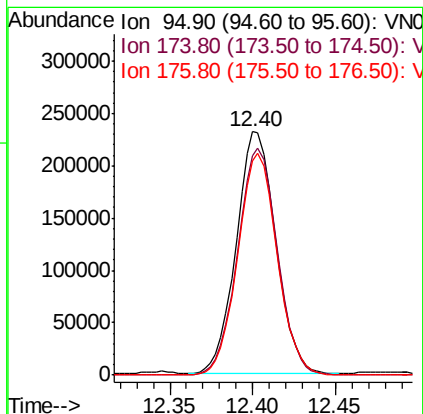
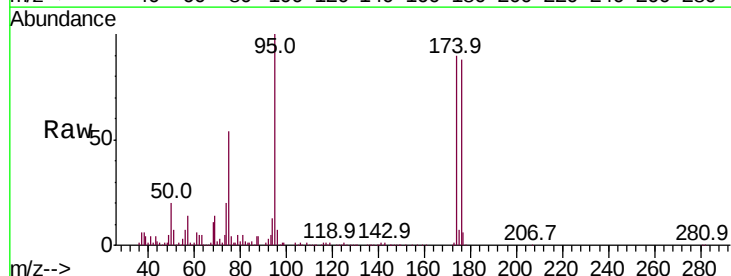
Tgt Ion: 95 Resp: 384143

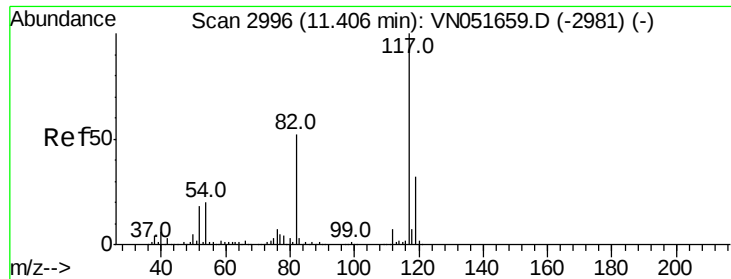
Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.8

176 91.0 0.0 176.4

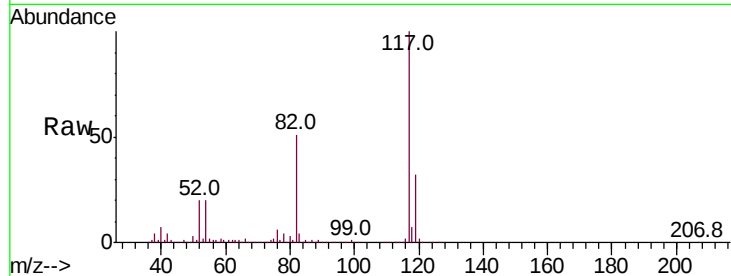




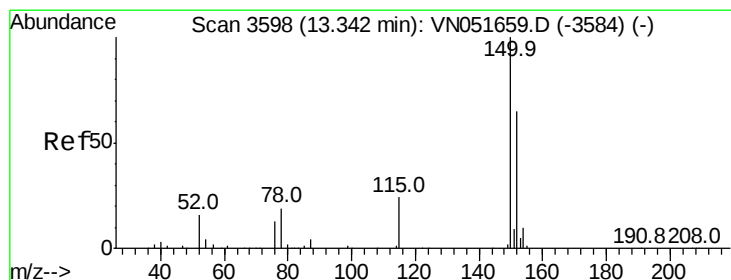
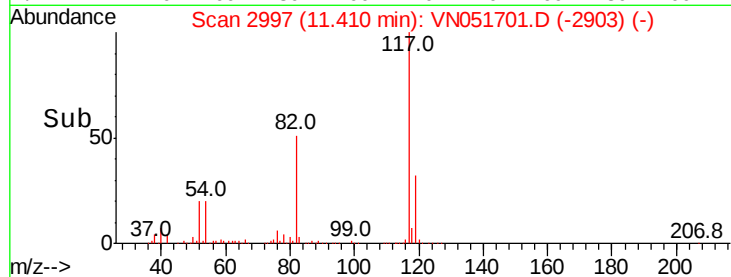
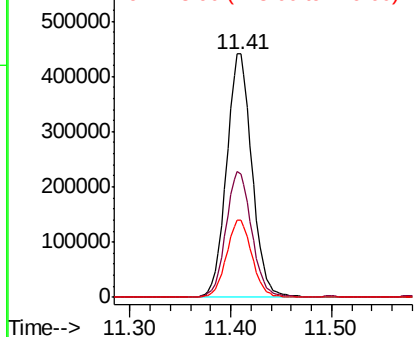
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Instrument :
MSVOA_N
ClientSampleId :
B-11(12-12.5)

Tot Ion:117 Resp: 774571
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 31.6 25.9 38.9

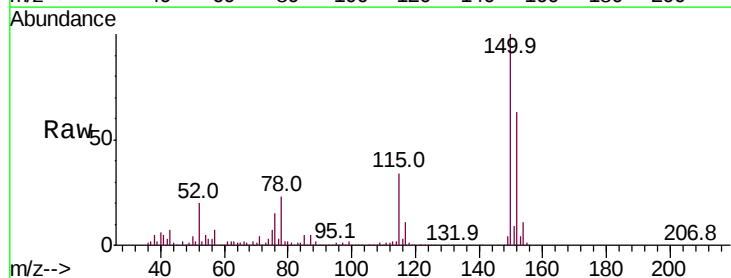


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

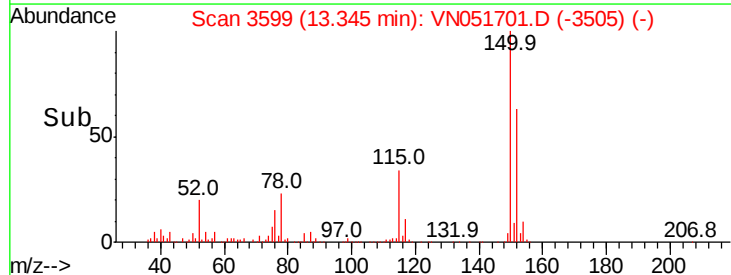
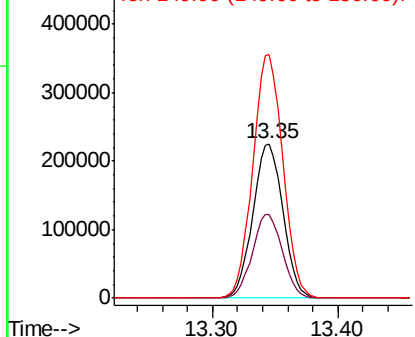


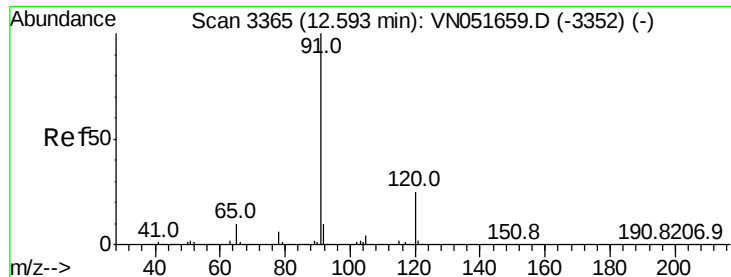
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion:152 Resp: 377205
Ion Ratio Lower Upper
152 100
115 54.0 28.6 85.8
150 157.2 0.0 352.4



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

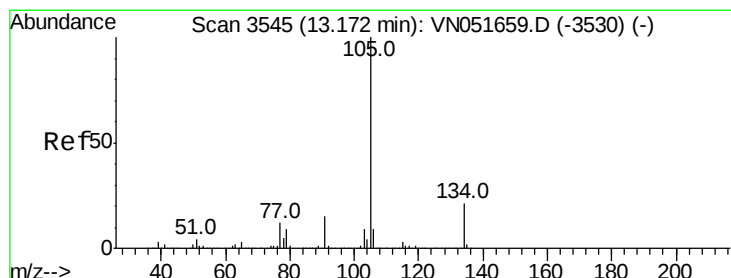
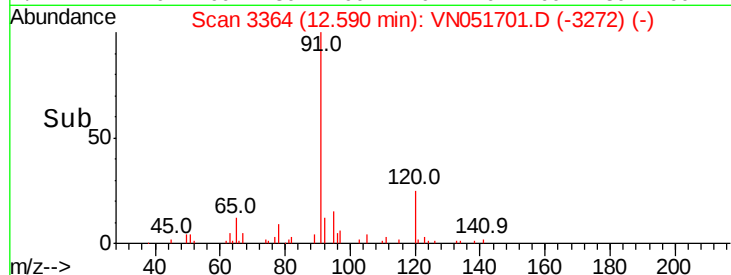
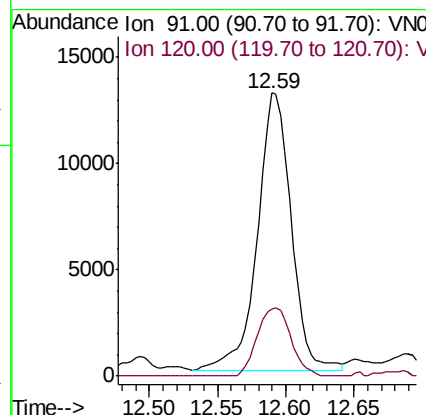
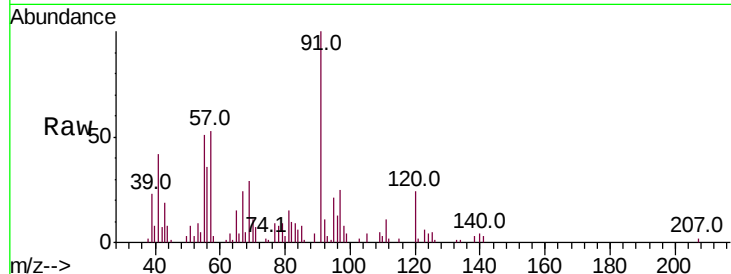




#78
n-propylbenzene
Concen: 0.647 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

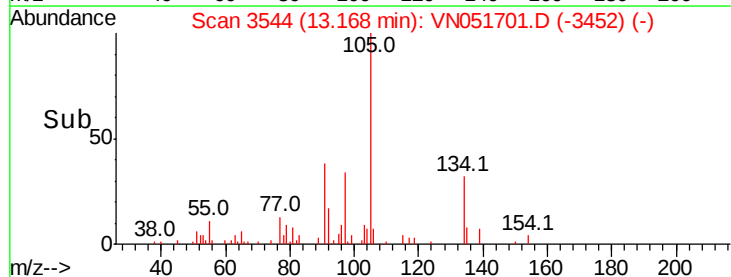
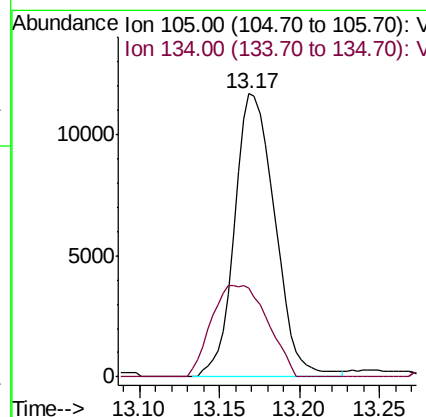
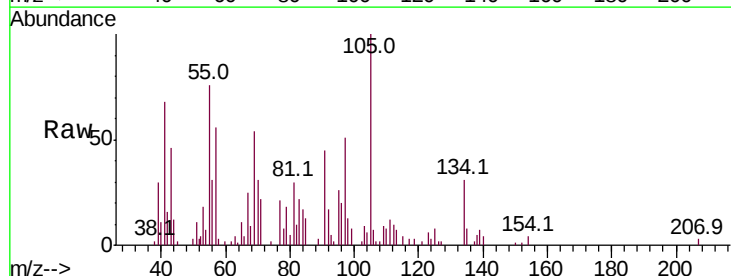
Instrument :
MSVOA_N
ClientSampled :
B-11(12-12.5)

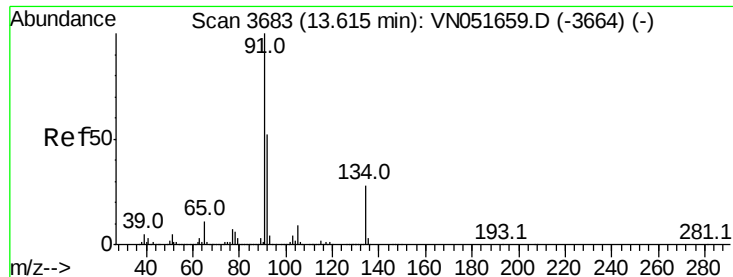
Tot Ion: 91 Resp: 22684
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.2



#85
sec-Butylbenzene
Concen: 0.626 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. -0.00 min
Lab File: VN051701.D
Acq: 5 Oct 2018 21:35

Tgt Ion: 105 Resp: 20119
Ion Ratio Lower Upper
105 100
134 45.0 10.5 31.6#





#89

n-Butylbenzene

Concen: 1.744 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051701.D

Acq: 5 Oct 2018 21:35

Instrument :

MSVOA_N

ClientSampleId :

B-11(12-12.5)

Tot Ion: 91 Resp: 39258

Ion Ratio Lower Upper

91 100

92 47.2 26.0 78.0

134 63.5 14.2 42.6#

