

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051706.D
 Acq On : 5 Oct 2018 23:39
 Operator : MD\SY
 Sample : J5084-03 10X
 Misc : 5.82g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B-9(11.5-12)

Quant Time: Oct 06 03:22:31 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	658191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	953277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359131	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	397700	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	
35) Dibromofluoromethane	7.59	113	360398	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
50) Toluene-d8	10.09	98	1361173	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	394191	40.50	ug/l	0.00
Spiked Amount			Recovery	=	81.00%	

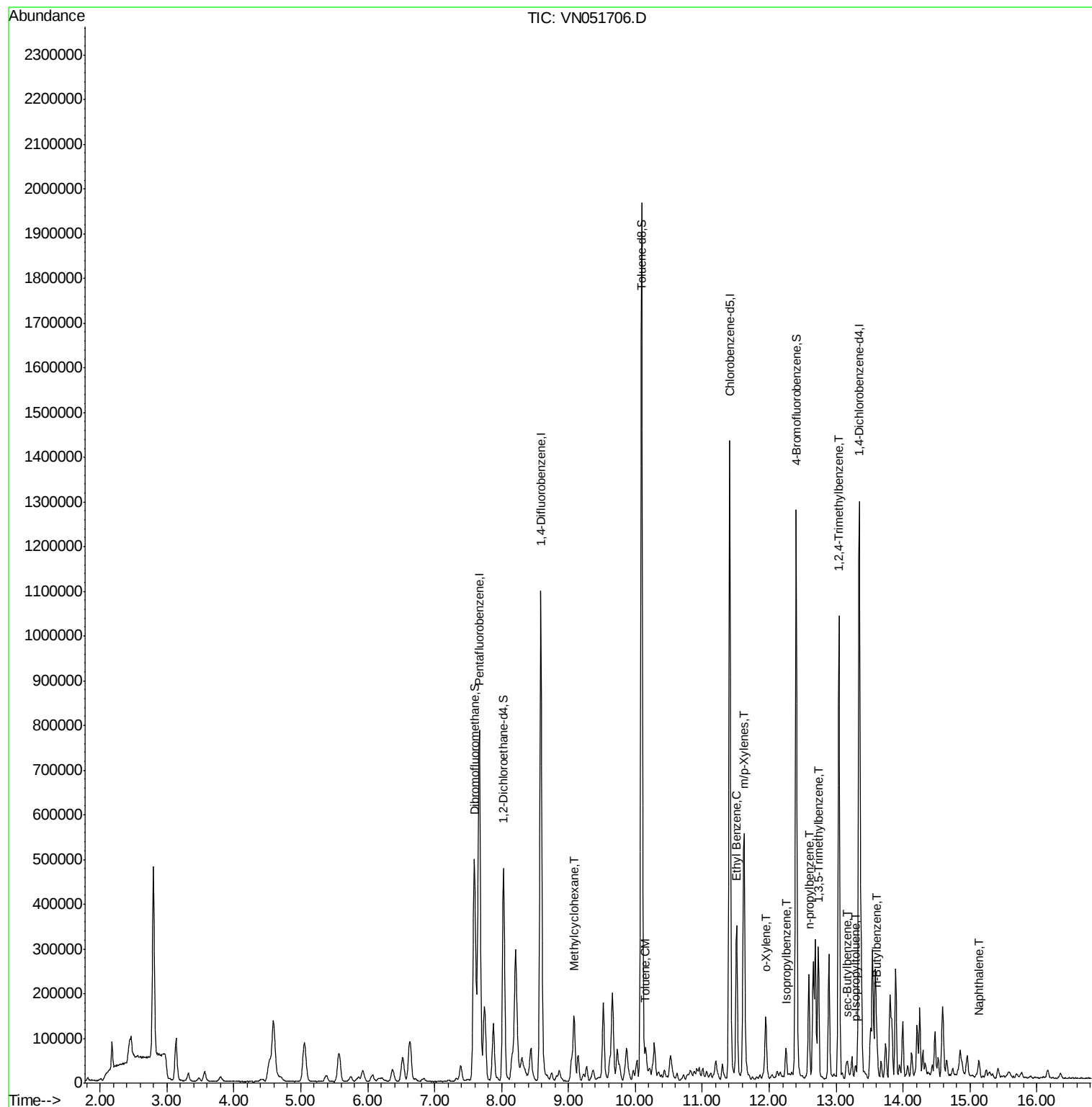
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	55229	4.416	ug/l	94
52) Toluene	10.16	92	25772	1.312	ug/l	90
67) Ethyl Benzene	11.51	91	251148	7.004	ug/l	99
68) m/p-Xylenes	11.62	106	184108	12.832	ug/l	98
69) o-Xylene	11.95	106	38591	2.743	ug/l	97
73) Isopropylbenzene	12.25	105	47478	1.551	ug/l	98
78) n-propylbenzene	12.59	91	188161	5.635	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	146663	5.685	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	583404	22.576	ug/l	99
85) sec-Butylbenzene	13.17	105	23203	0.759	ug/l #	67
86) p-Isopropyltoluene	13.29	119	10494	0.387	ug/l	91
89) n-Butylbenzene	13.62	91	31796	1.483	ug/l #	72
95) Naphthalene	15.13	128	28910	2.320	ug/l	98

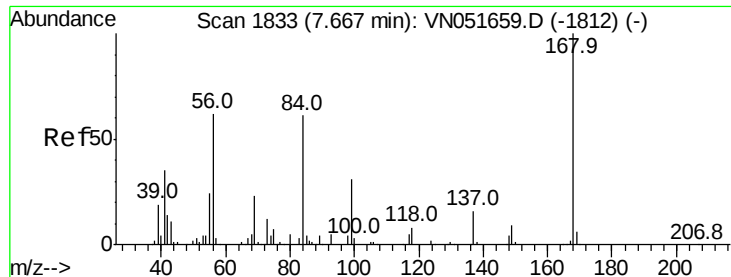
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampled :

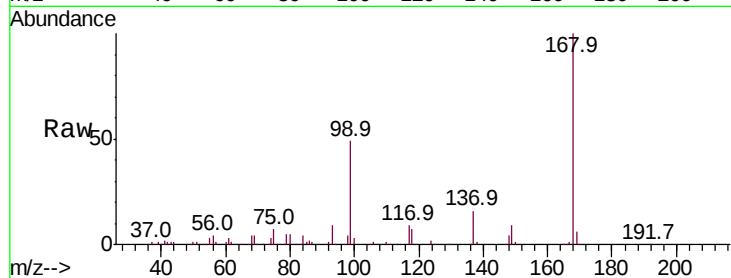
B-9(11.5-12)

Tot Ion:168 Resp: 658191

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): VN

7.67

250000

200000

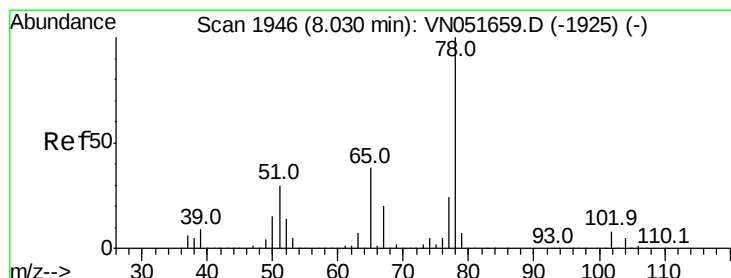
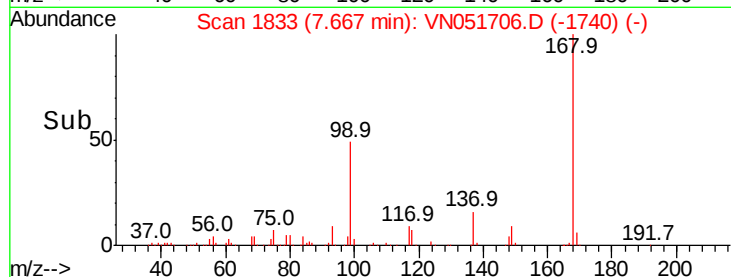
150000

100000

50000

0

Time--> 7.50 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: VN051706.D

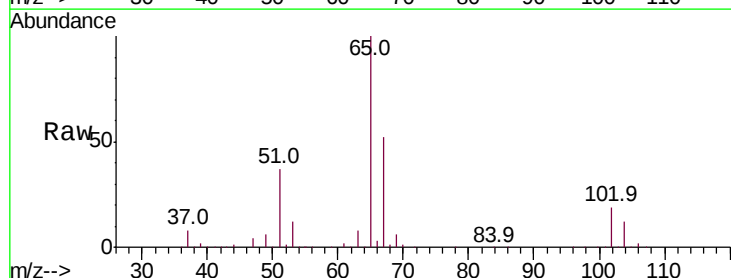
Acq: 5 Oct 2018 23:39

Tgt Ion: 65 Resp: 397700

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

200000

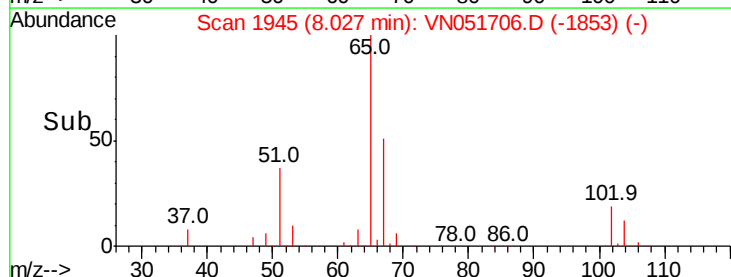
150000

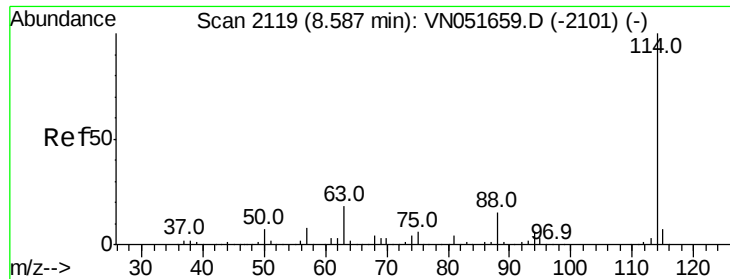
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

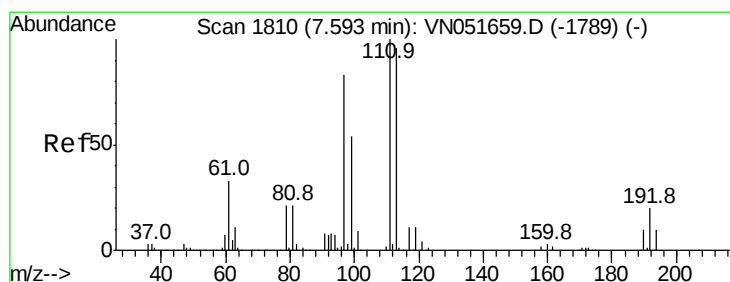
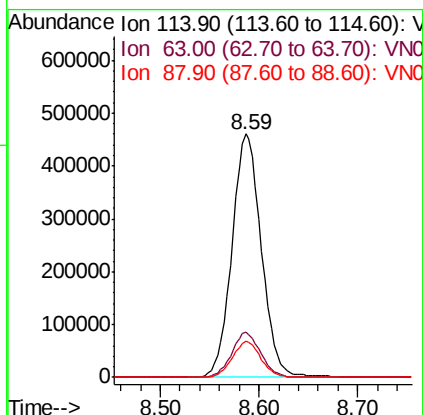
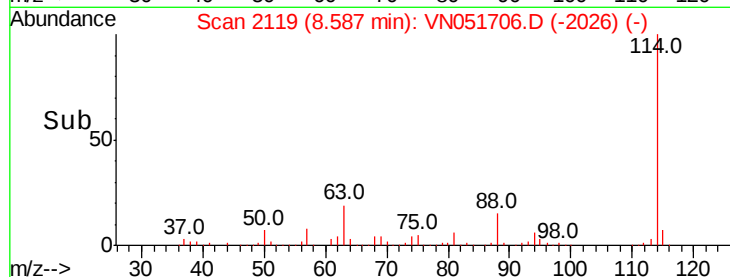
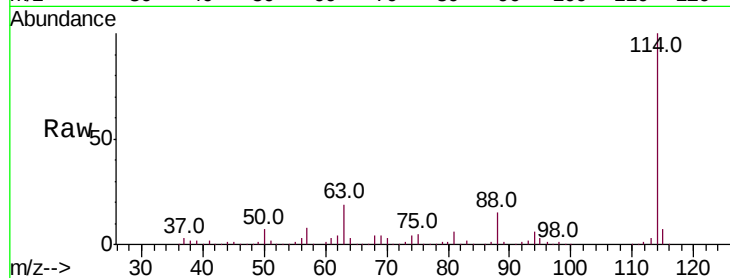




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

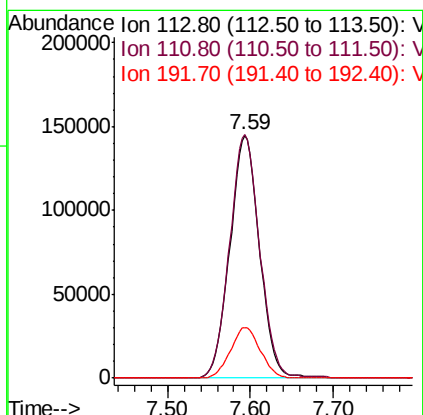
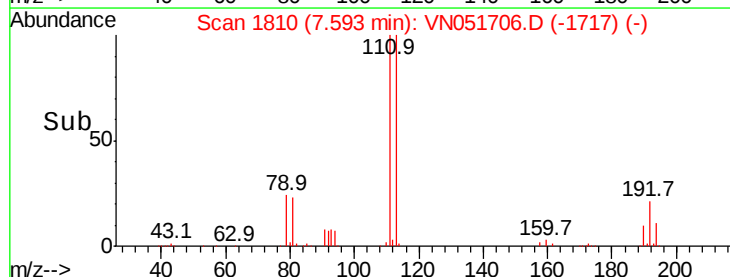
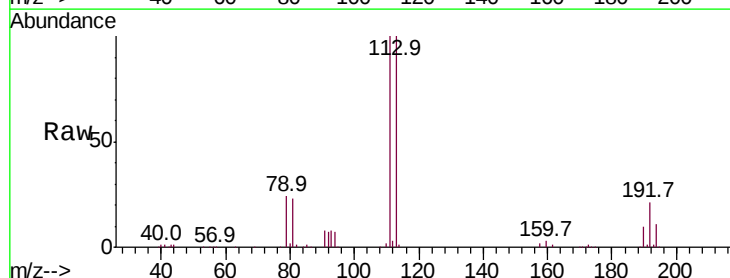
Instrument :
 MSVOA_N
 ClientSampleId :
 B-9(11.5-12)

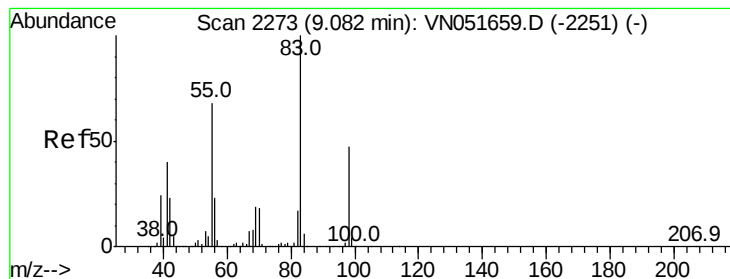
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.2
88	14.7	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	21.1	16.5	24.7





#39

Methvlcvclohexane

Concen: 4.416 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

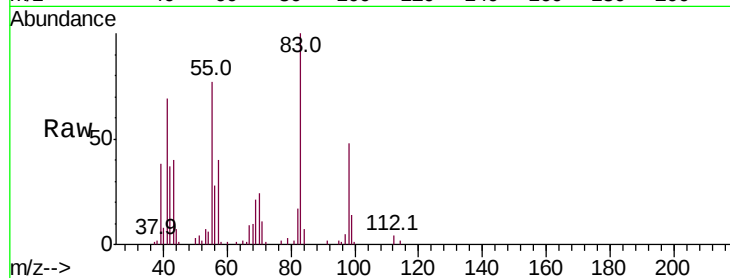
MSVOA_N

ClientSampled :

B-9(11.5-12)

Tot Ion: 83 Resp: 55229

Ion	Ratio	Lower	Upper
83	100		
55	75.9	54.3	81.5
98	47.5	37.4	56.2

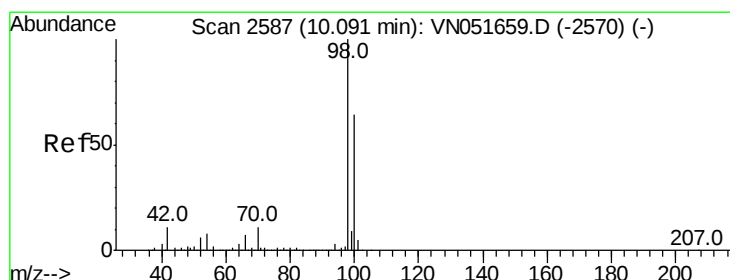
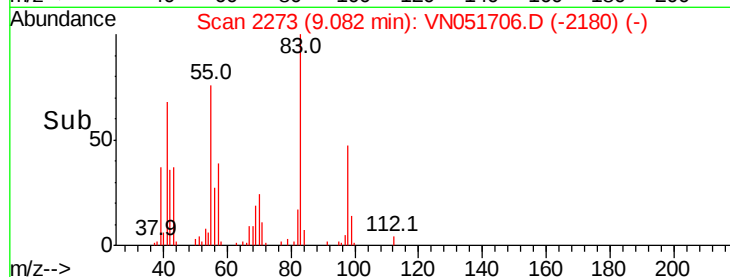
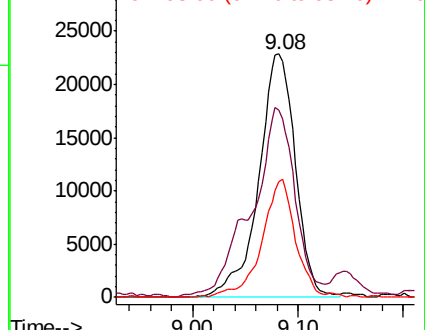


Abundance

Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

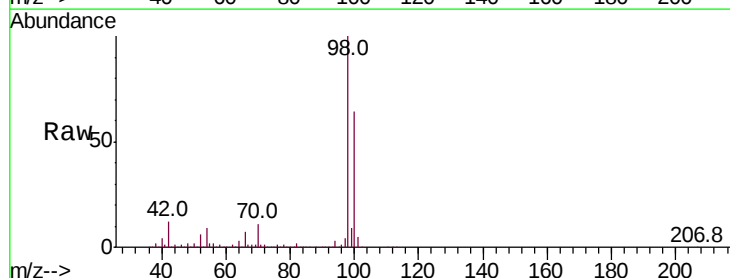
Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Tgt Ion: 98 Resp: 1361173

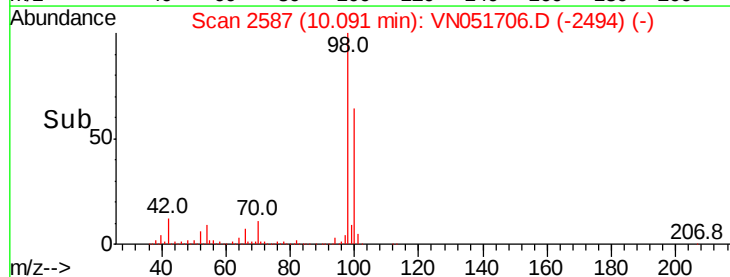
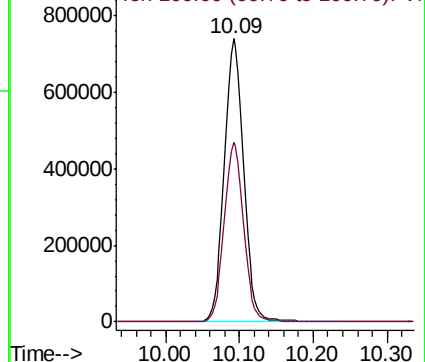
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3

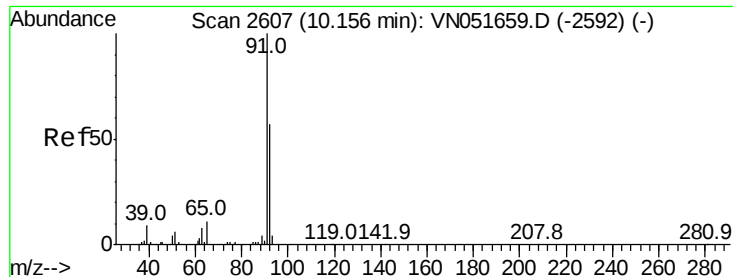


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 1.312 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampleId :

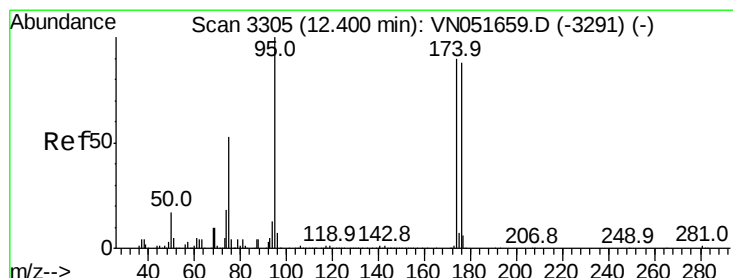
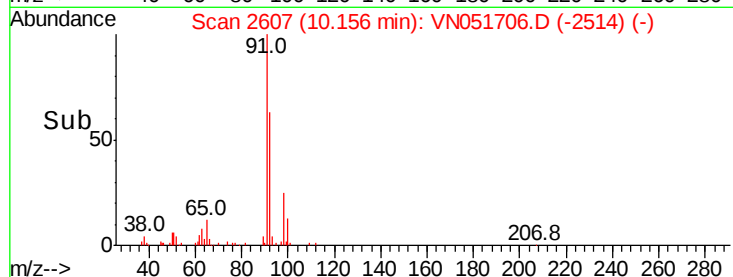
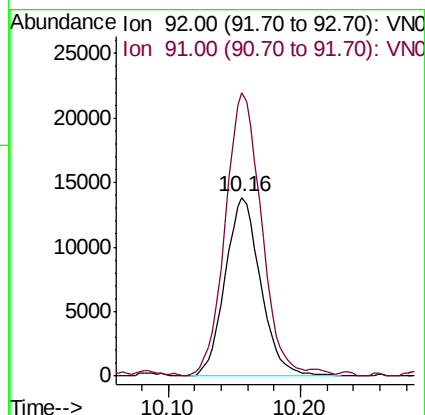
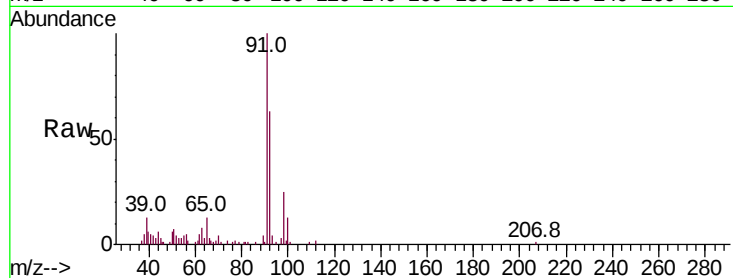
B-9(11.5-12)

Tot Ion: 92 Resp: 25772

Ion Ratio Lower Upper

92 100

91 161.0 140.3 210.5



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

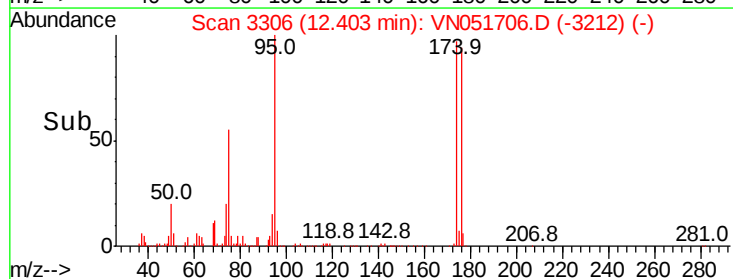
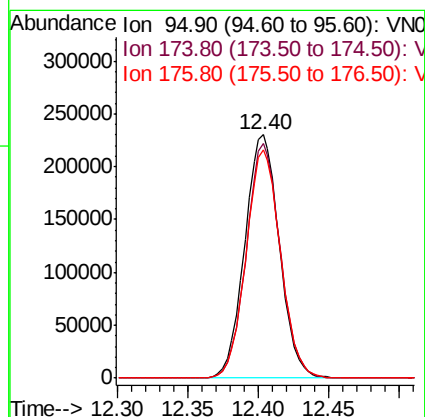
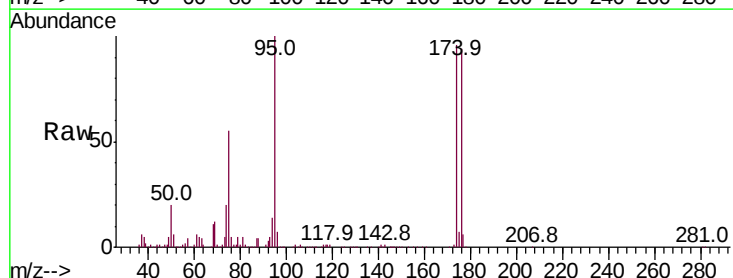
Tgt Ion: 95 Resp: 394191

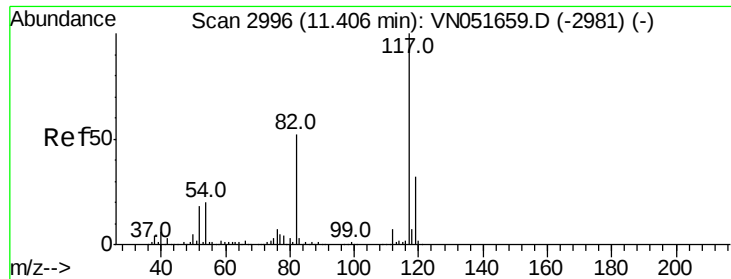
Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.8

176 93.5 0.0 176.4

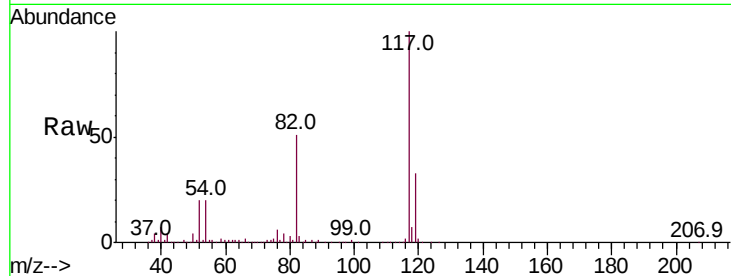




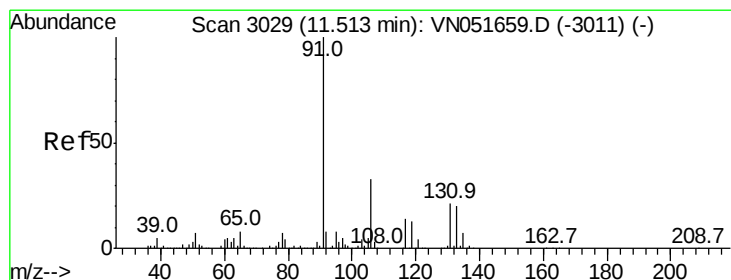
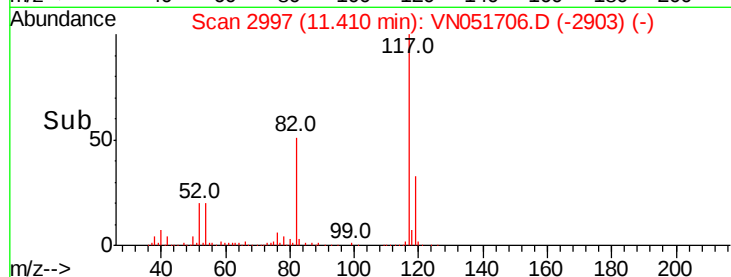
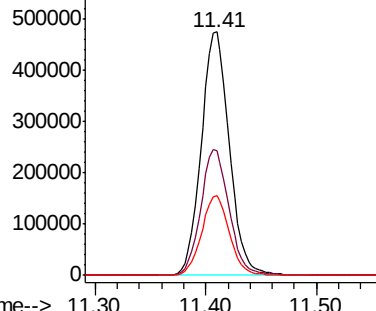
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Instrument :
MSVOA_N
ClientSampled :
B-9(11.5-12)

Tot Ion:117 Resp: 837680
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 32.6 25.9 38.9

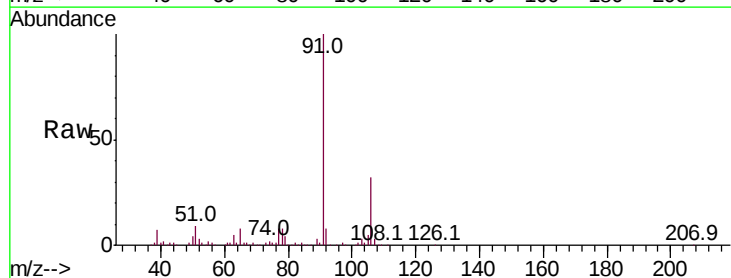


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

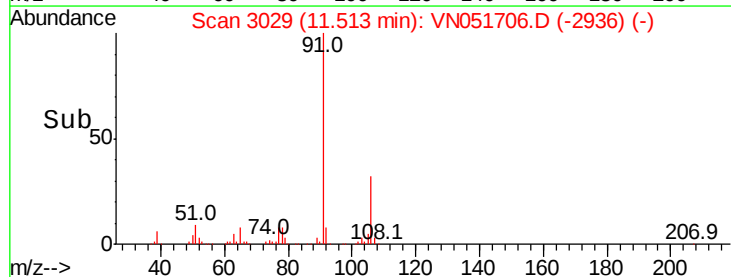
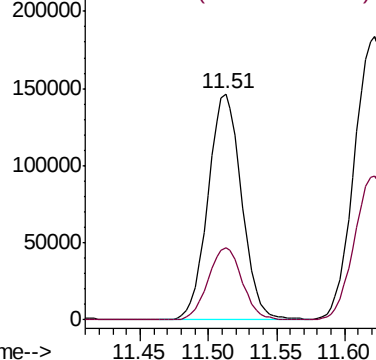


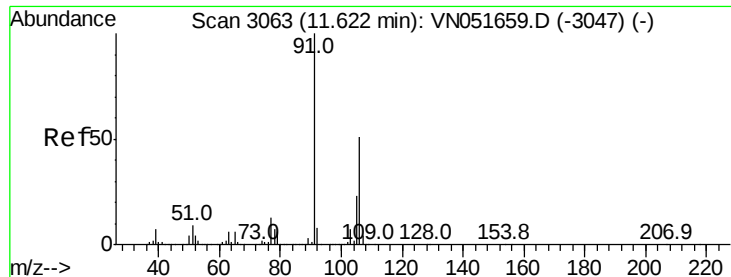
#67
Ethyl Benzene
Concen: 7.004 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 91 Resp: 251148
Ion Ratio Lower Upper
91 100
106 32.2 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 12.832 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampleId :

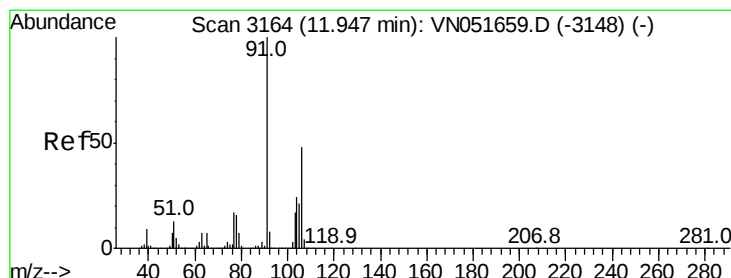
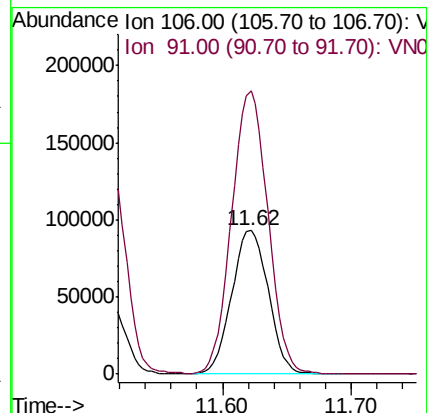
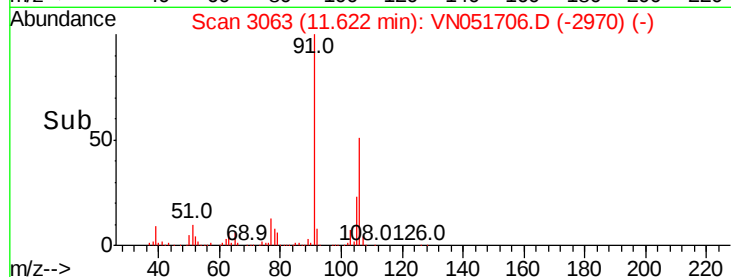
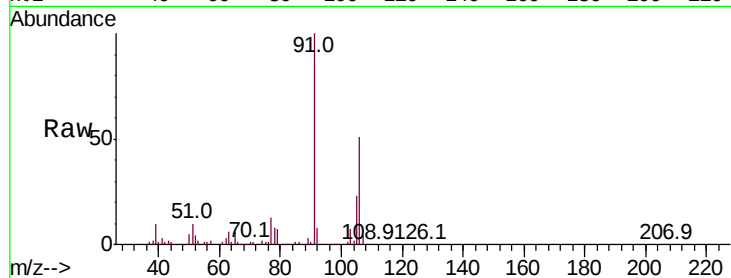
B-9(11.5-12)

Tot Ion:106 Resp: 184108

Ion Ratio Lower Upper

106 100

91 194.7 158.4 237.6



#69

o-Xylene

Concen: 2.743 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN051706.D

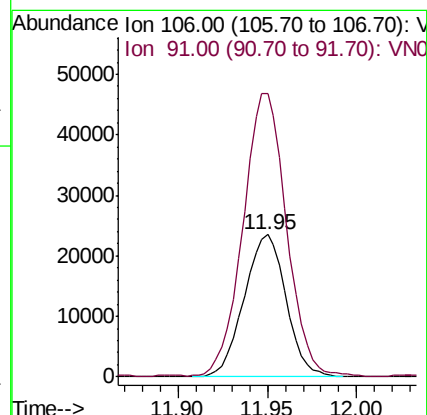
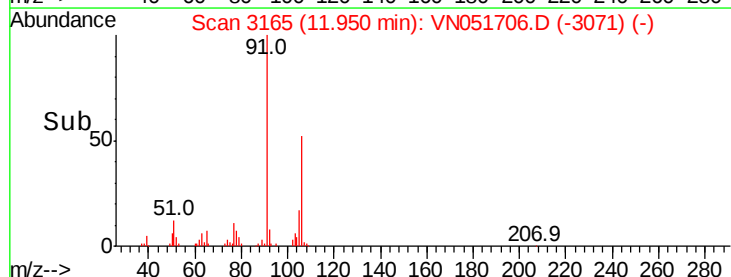
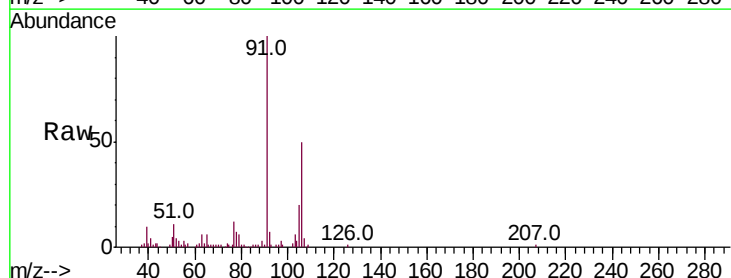
Acq: 5 Oct 2018 23:39

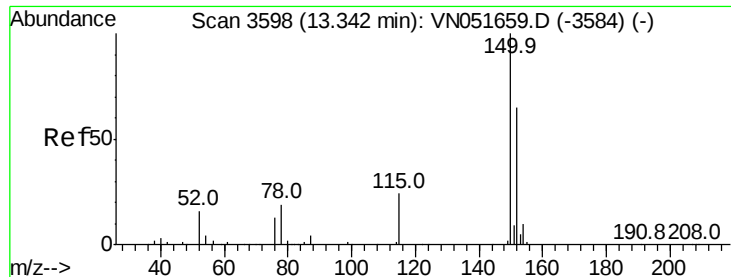
Tgt Ion:106 Resp: 38591

Ion Ratio Lower Upper

106 100

91 204.5 104.4 313.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampled :

B-9(11.5-12)

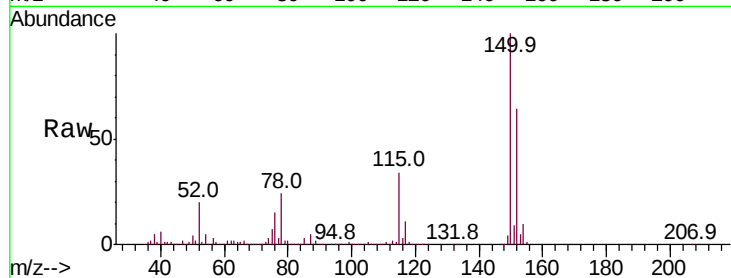
Tot Ion:152 Resp: 359131

Ion Ratio Lower Upper

152 100

115 55.7 28.6 85.8

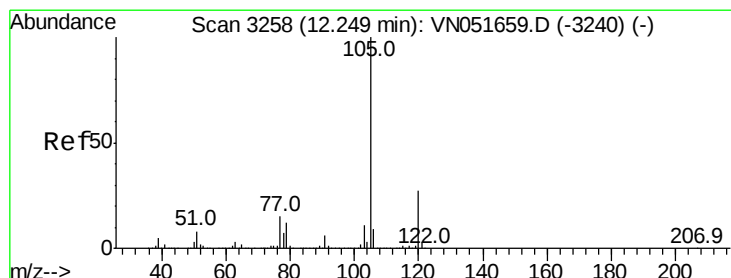
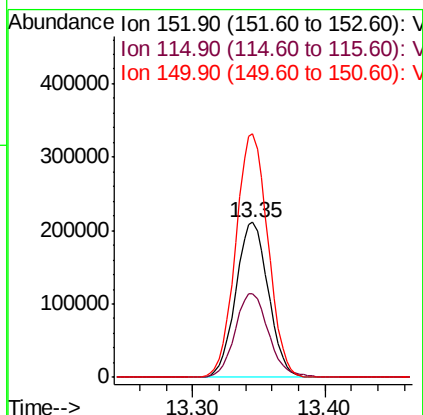
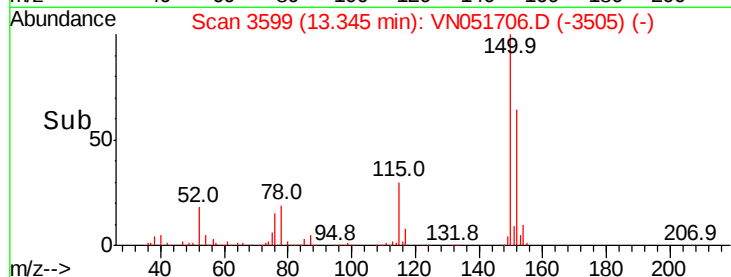
150 155.8 0.0 352.4



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



#73

Isopropylbenzene

Concen: 1.551 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051706.D

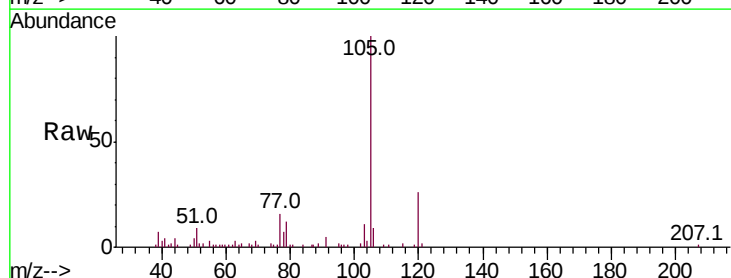
Acq: 5 Oct 2018 23:39

Tgt Ion:105 Resp: 47478

Ion Ratio Lower Upper

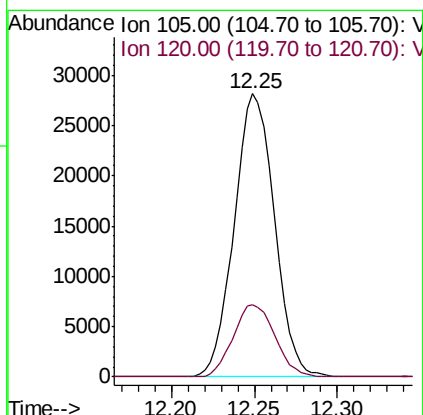
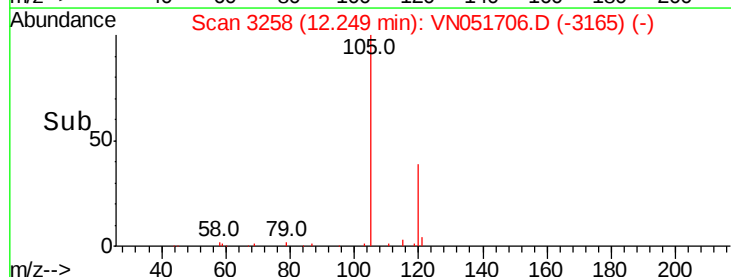
105 100

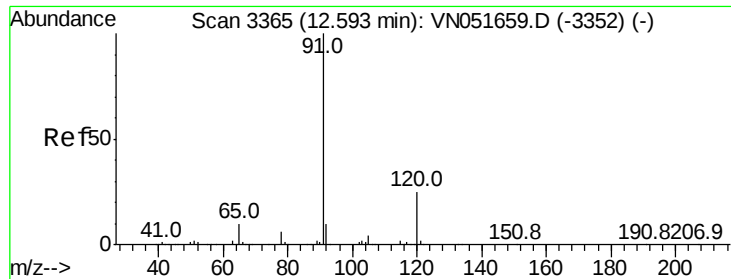
120 26.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.635 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampled :

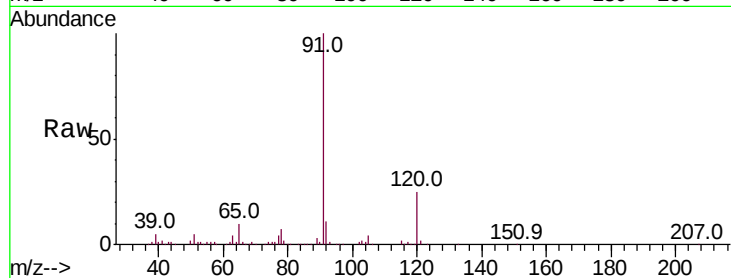
B-9(11.5-12)

Tot Ion: 91 Resp: 188161

Ion Ratio Lower Upper

91 100

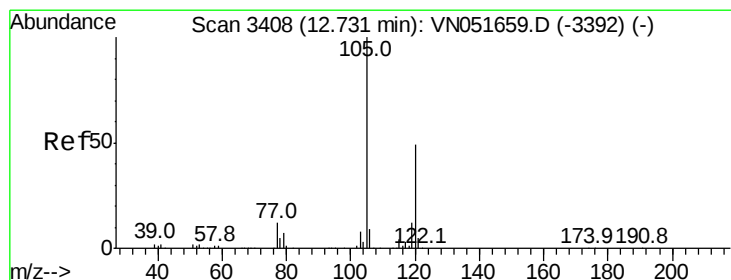
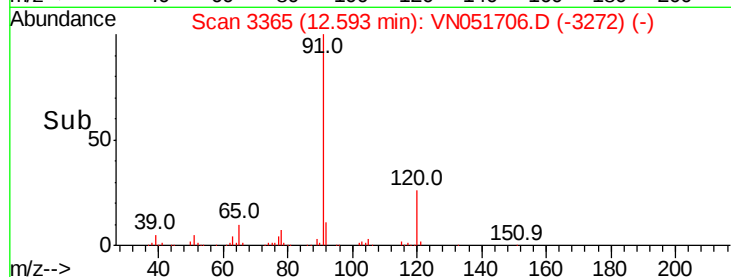
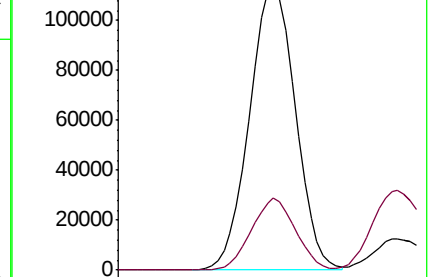
120 24.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN051706.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051706.D (-3352) (-)

12.59



#80

1,3,5-Trimethylbenzene

Concen: 5.685 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051706.D

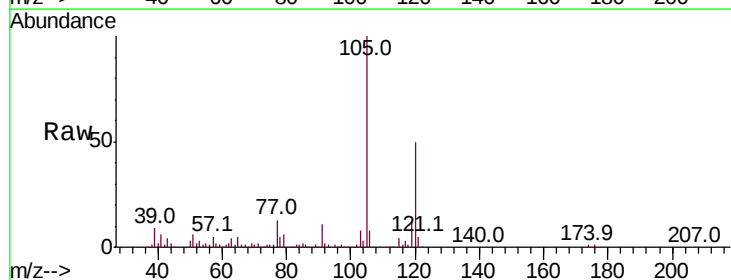
Acq: 5 Oct 2018 23:39

Tgt Ion: 105 Resp: 146663

Ion Ratio Lower Upper

105 100

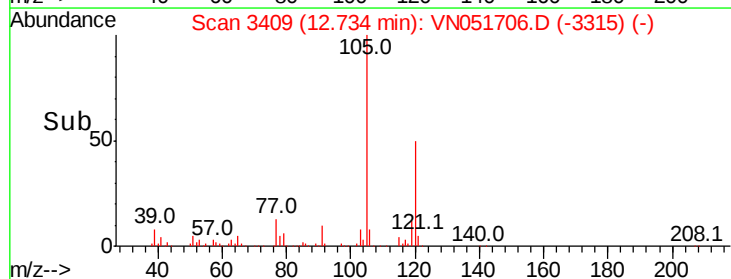
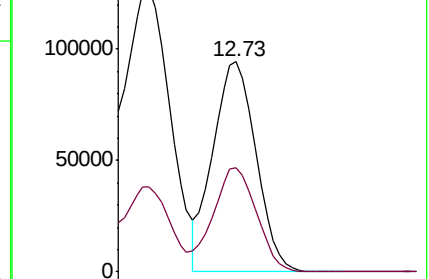
120 50.4 24.6 74.0

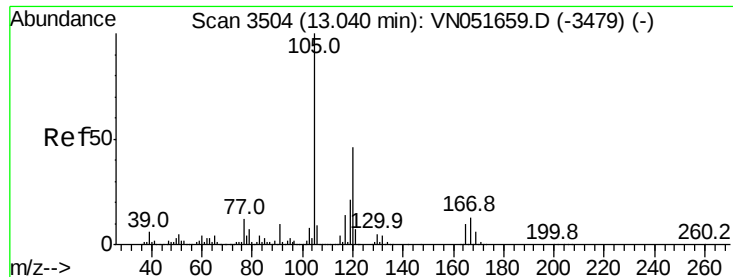


Abundance Ion 105.00 (104.70 to 105.70): VN051706.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051706.D (-3392) (-)

12.73





#84

1,2,4-Trimethylbenzene

Concen: 22.576 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampled :

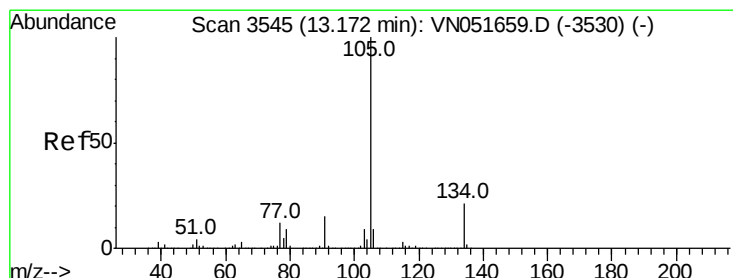
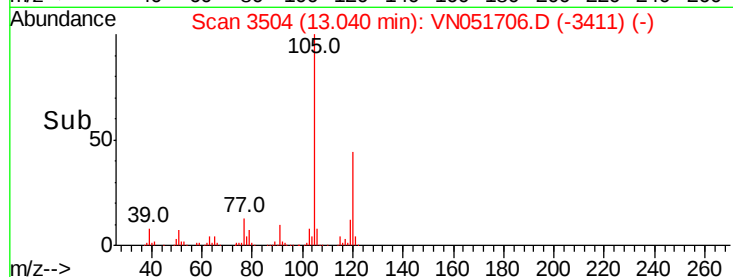
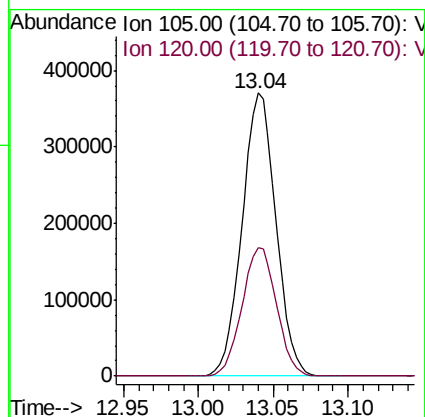
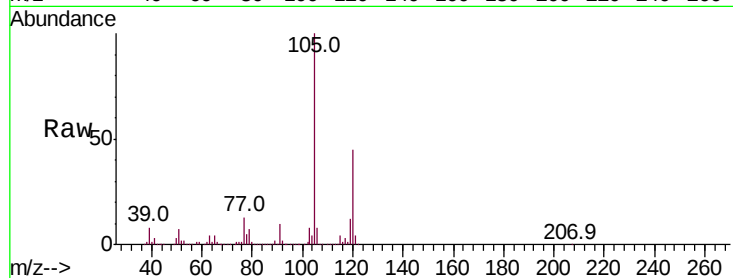
B-9(11.5-12)

Tot Ion:105 Resp: 583404

Ion Ratio Lower Upper

105 100

120 46.2 22.9 68.7



#85

sec-Butylbenzene

Concen: 0.759 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051706.D

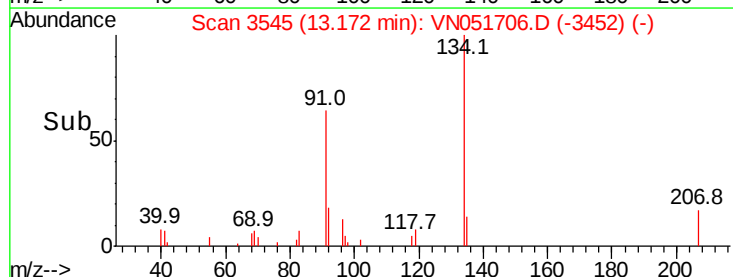
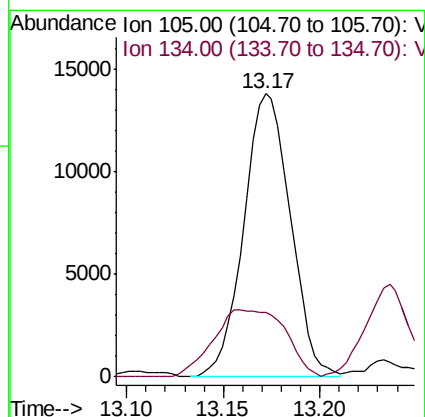
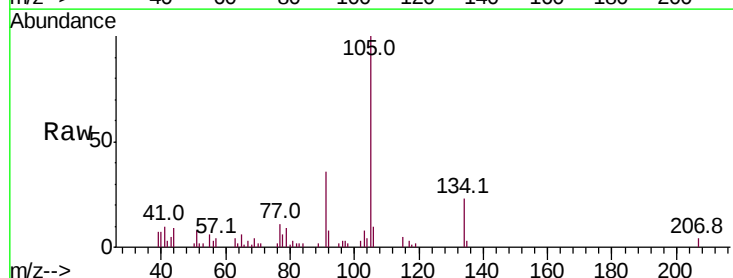
Acq: 5 Oct 2018 23:39

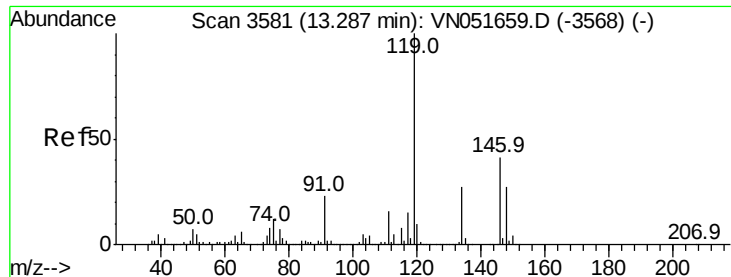
Tgt Ion:105 Resp: 23203

Ion Ratio Lower Upper

105 100

134 36.5 10.5 31.6#

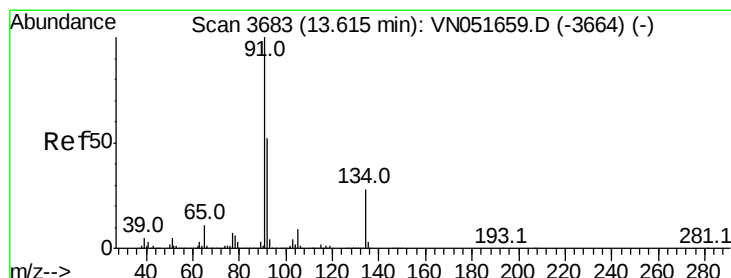
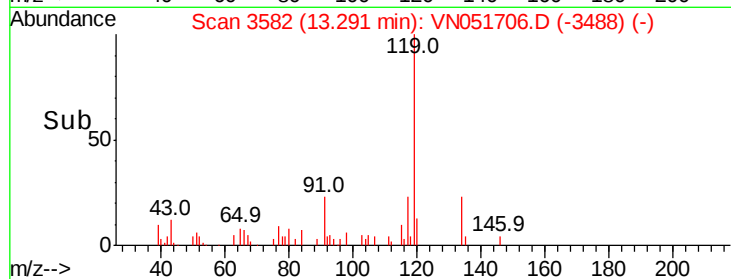
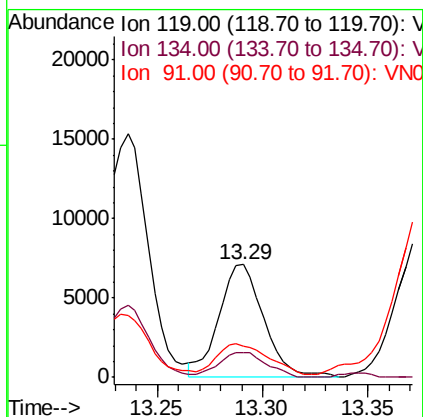
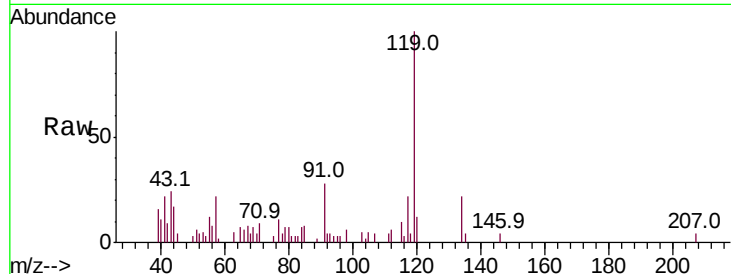




#86
p-Isopropyltoluene
Concen: 0.387 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

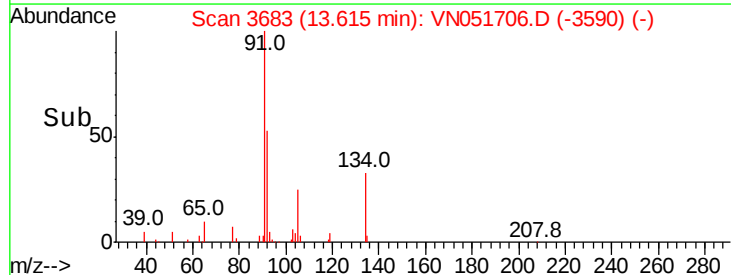
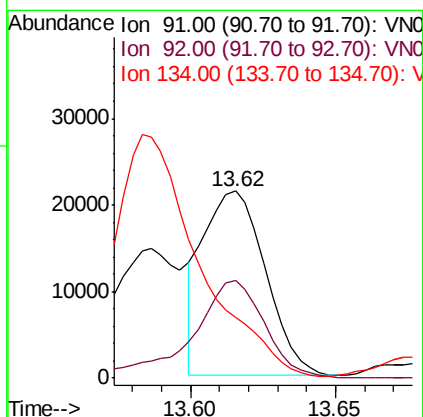
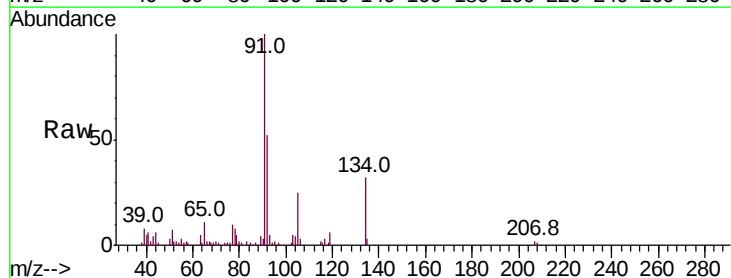
Instrument :
MSVOA_N
ClientSampled :
B-9(11.5-12)

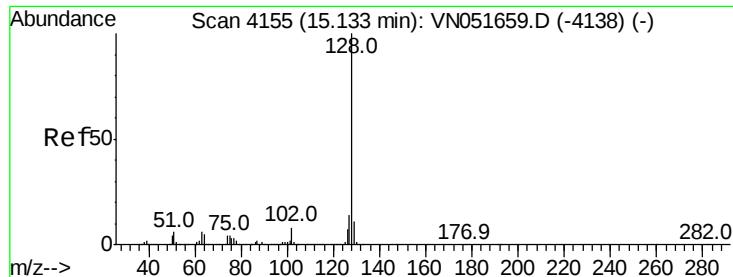
Tot Ion:119 Resp: 10494
Ion Ratio Lower Upper
119 100
134 23.8 13.4 40.2
91 29.8 11.7 35.1



#89
n-Butylbenzene
Concen: 1.483 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 91 Resp: 31796
Ion Ratio Lower Upper
91 100
92 62.0 26.0 78.0
134 0.0 14.2 42.6#





#95

Naphthalene

Concen: 2.320 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Instrument :

MSVOA_N

ClientSampleId :

B-9(11.5-12)

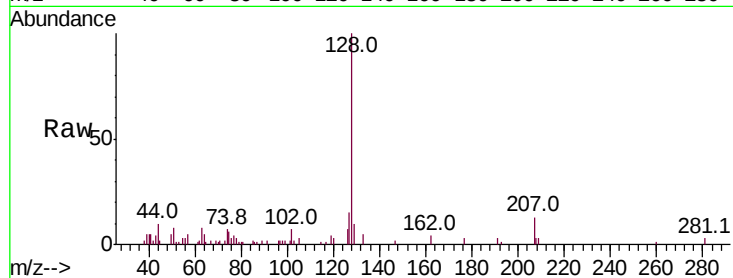
Tot Ion:128 Resp: 28910

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 10.6 9.0 13.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

