

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050111.D
 Acq On : 27 Jul 2018 4:04
 Operator : MD\SY
 Sample : J4163-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14B

Quant Time: Jul 27 11:56:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	693467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1098079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	941937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410928	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	465713	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	418814	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
50) Toluene-d8	10.09	98	1516298	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.40	95	472503	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	

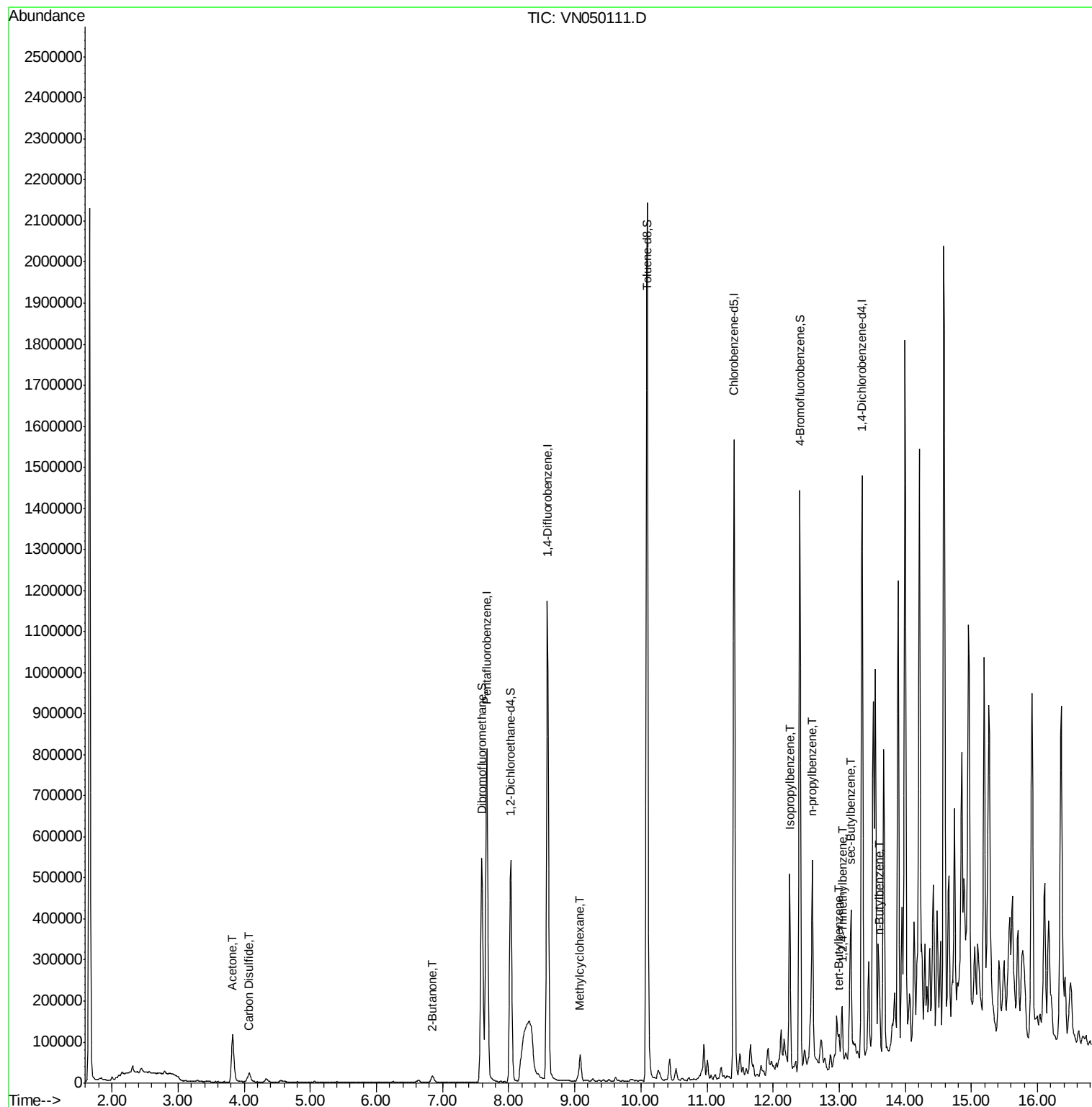
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	194547	82.45	ug/l	98
17) Carbon Disulfide	4.05	76	14965	0.61	ug/l #	94
25) 2-Butanone	6.84	43	25780	6.99	ug/l	98
39) Methylcyclohexane	9.09	83	27032	2.12	ug/l	98
73) Isopropylbenzene	12.25	105	308299	9.67	ug/l	98
78) n-propylbenzene	12.59	91	388349	10.90	ug/l	100
83) tert-Butylbenzene	13.00	119	32198	1.47	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	71359	2.82	ug/l	97
85) sec-Butylbenzene	13.17	105	241338	8.26	ug/l	87
89) n-Butylbenzene	13.62	91	87756	4.33	ug/l #	72

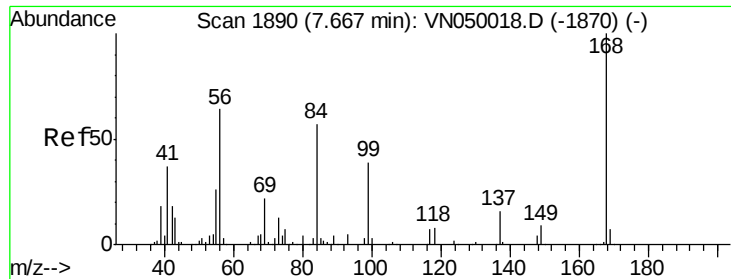
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050111.D

Acq: 27 Jul 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

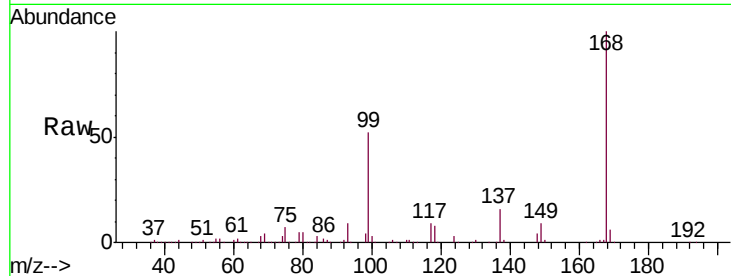
MW-14B

Tot Ion:168 Resp: 693467

Ion Ratio Lower Upper

168 100

99 52.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

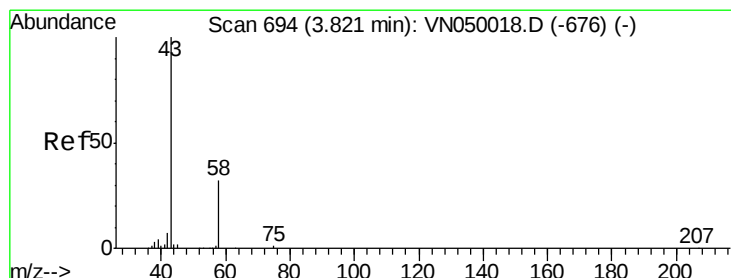
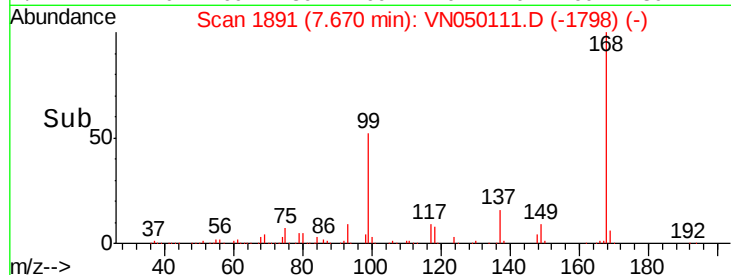
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 82.45 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050111.D

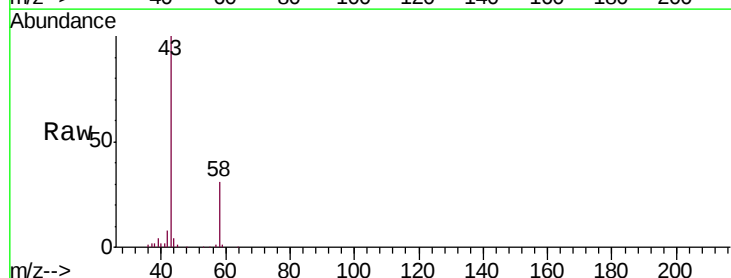
Acq: 27 Jul 2018 4:04

Tgt Ion: 43 Resp: 194547

Ion Ratio Lower Upper

43 100

58 31.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

80000

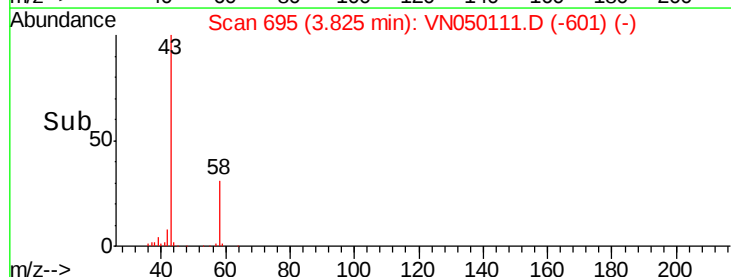
60000

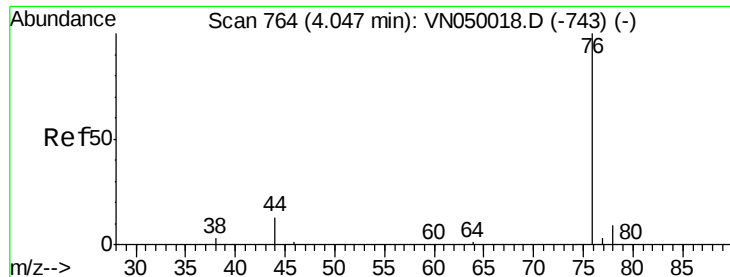
40000

20000

0

Time--> 3.70 3.80 3.90

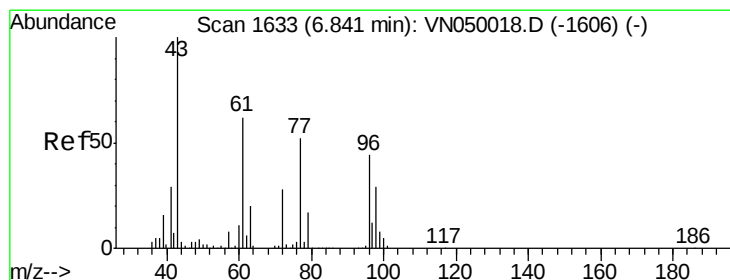
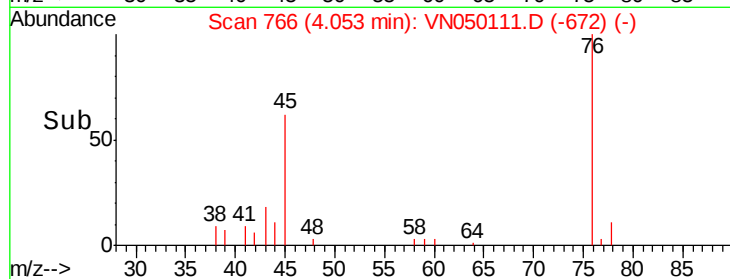
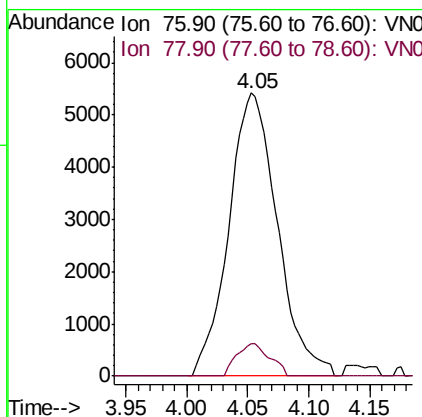
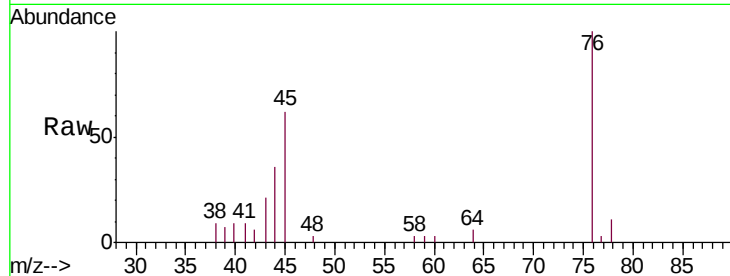




#17
Carbon Disulfide
Concen: 0.61 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050111.D
Acq: 27 Jul 2018 4:04

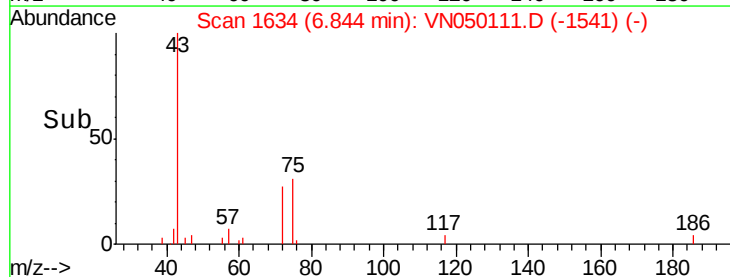
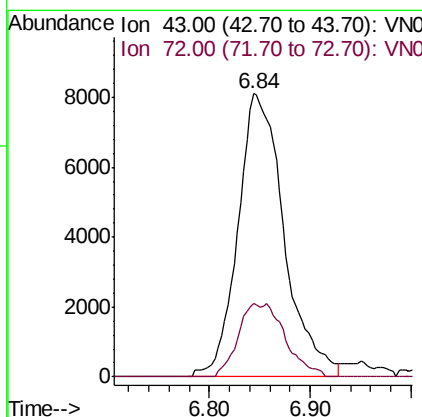
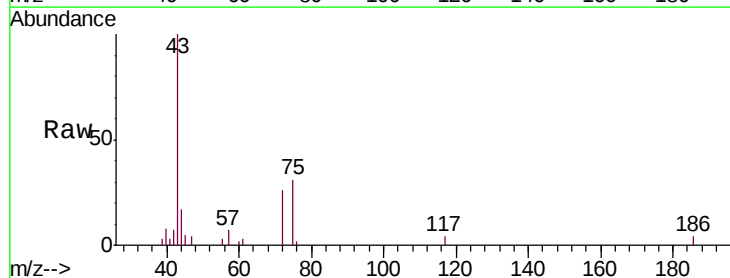
Instrument :
MSVOA_N
ClientSampled :
MW-14B

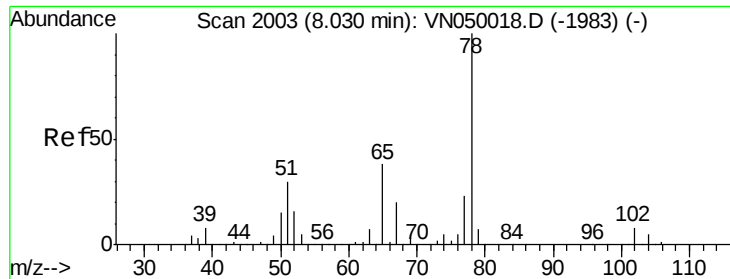
Tot Ion: 76 Resp: 14965
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#



#25
2-Butanone
Concen: 6.99 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050111.D
Acq: 27 Jul 2018 4:04

Tgt Ion: 43 Resp: 25780
Ion Ratio Lower Upper
43 100
72 26.0 21.5 32.3

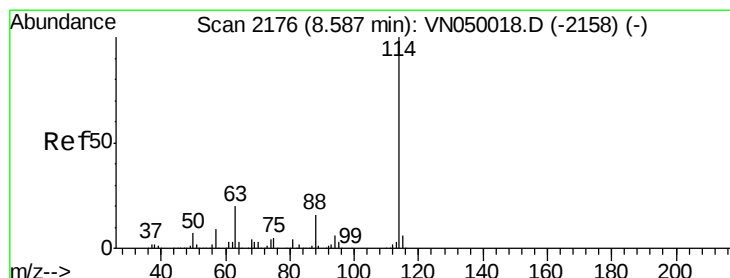
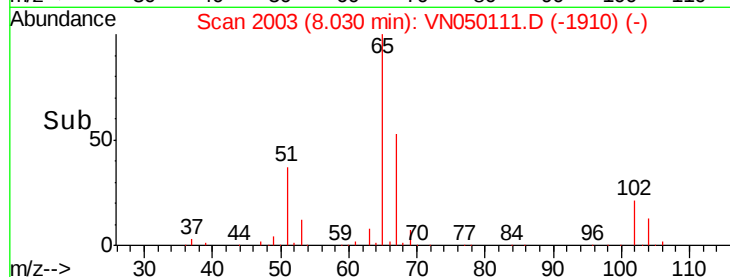
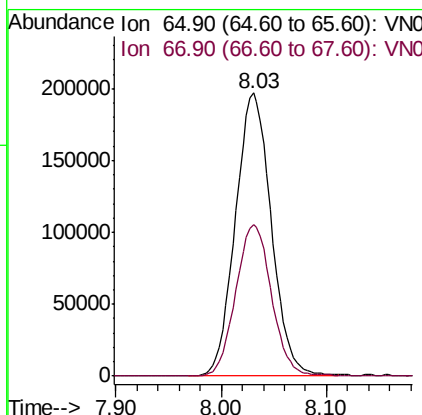
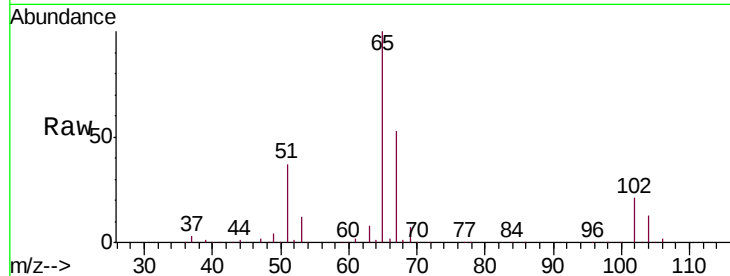




#33
 1,2-Dichloroethane-d4
 Concen: 48.13 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050111.D
 Acq: 27 Jul 2018 4:04

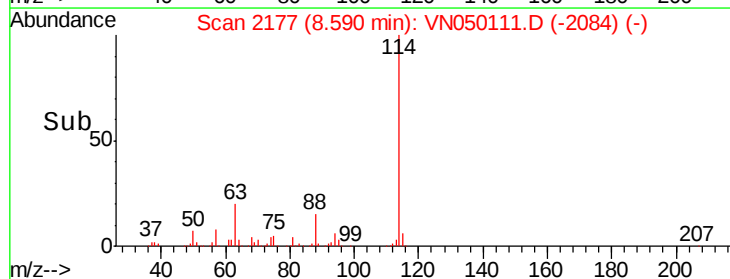
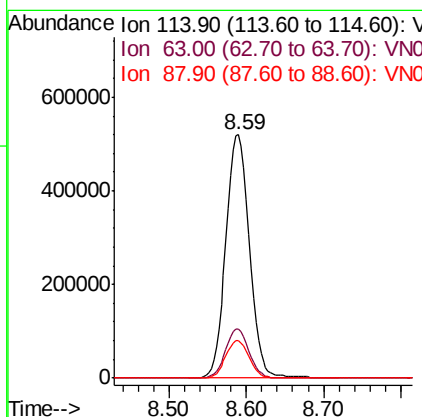
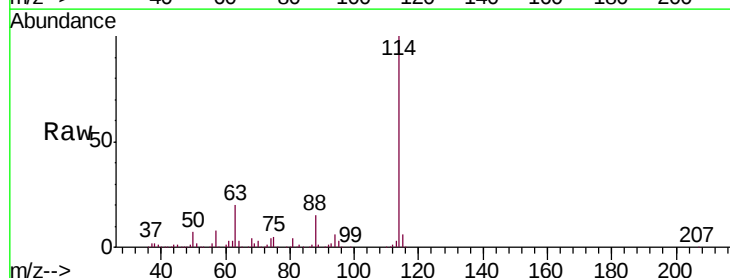
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14B

Tot Ion: 65 Resp: 465713
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050111.D
 Acq: 27 Jul 2018 4:04

Tgt Ion: 114 Resp: 1098079
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.2 0.0 31.2

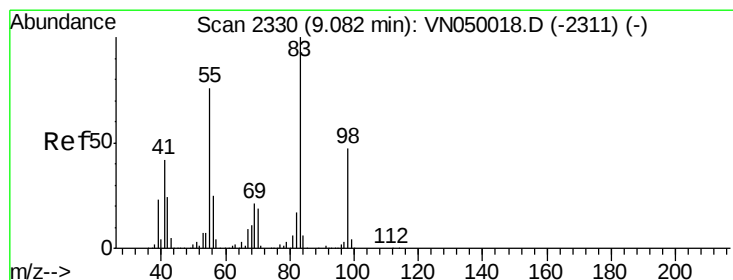
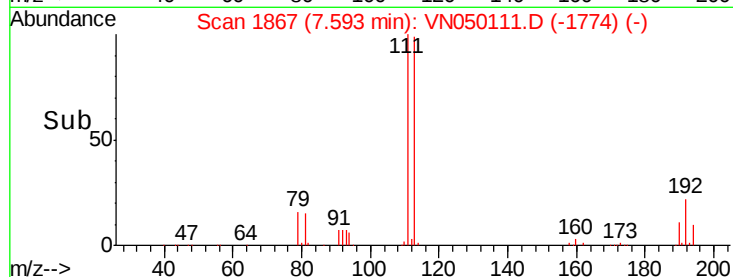
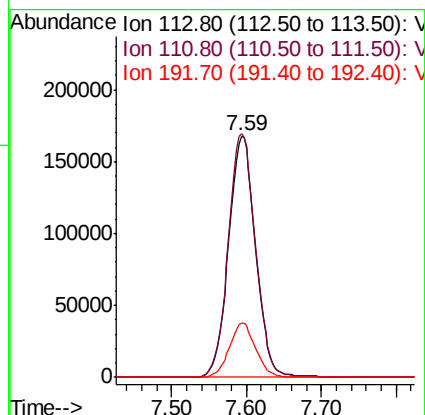
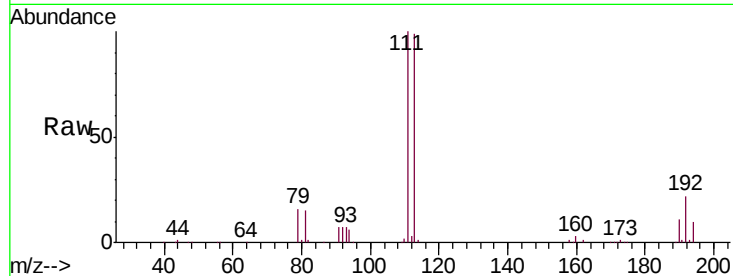




#35
Dibromofluoromethane
Concen: 46.71 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050111.D
Acq: 27 Jul 2018 4:04

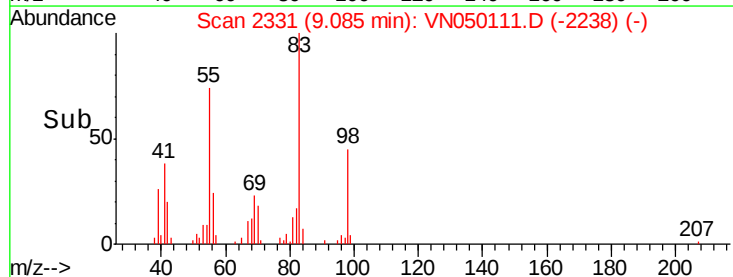
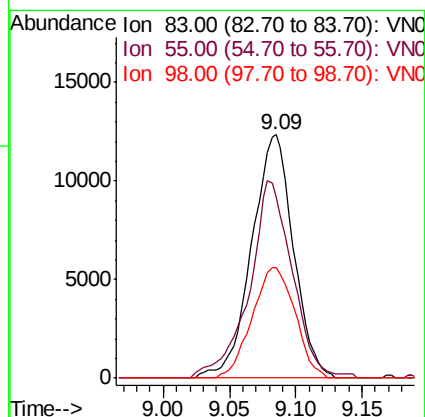
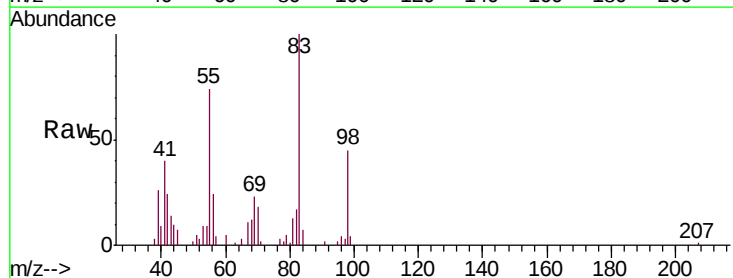
Instrument :
MSVOA_N
ClientSampled :
MW-14B

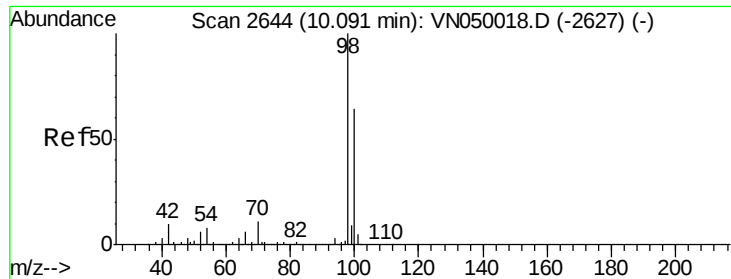
Tot Ion:113 Resp: 418814
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 21.8 17.8 26.6



#39
Methylcyclohexane
Concen: 2.12 ug/l
RT: 9.09 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050111.D
Acq: 27 Jul 2018 4:04

Tgt Ion: 83 Resp: 27032
Ion Ratio Lower Upper
83 100
55 74.3 61.8 92.8
98 45.3 36.5 54.7





#50

Toluene-d8

Concen: 46.00 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050111.D

Acq: 27 Jul 2018 4:04

Instrument :

MSVOA_N

ClientSampled :

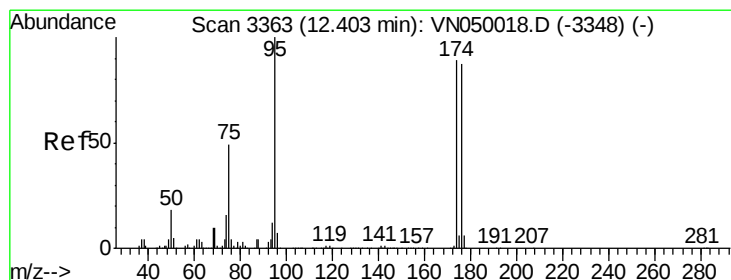
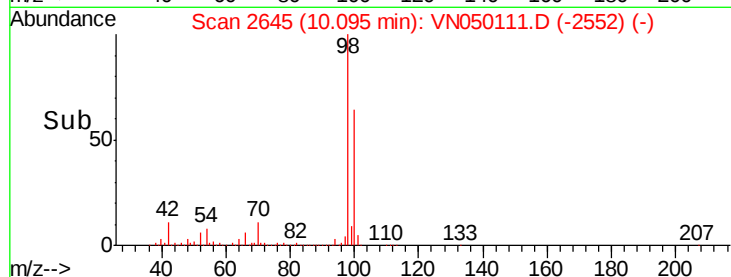
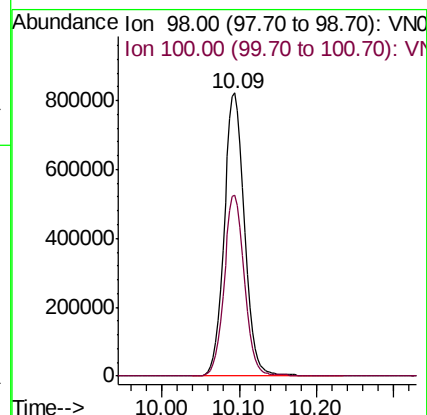
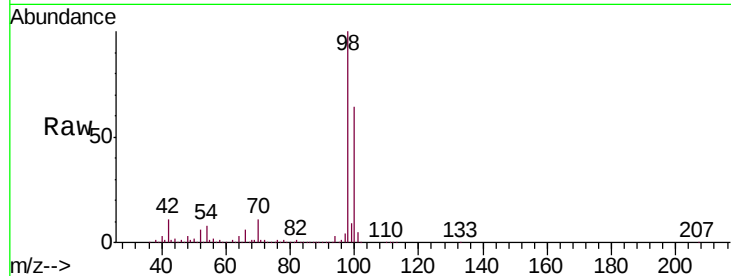
MW-14B

Tot Ion: 98 Resp: 1516298

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 43.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050111.D

Acq: 27 Jul 2018 4:04

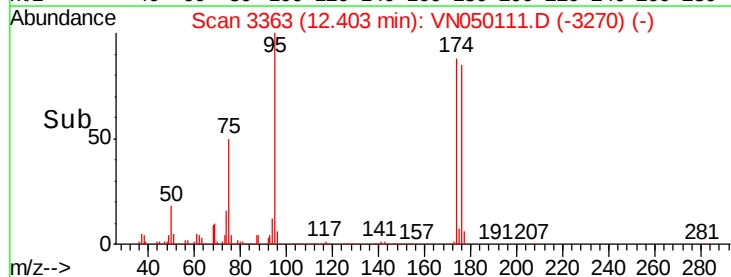
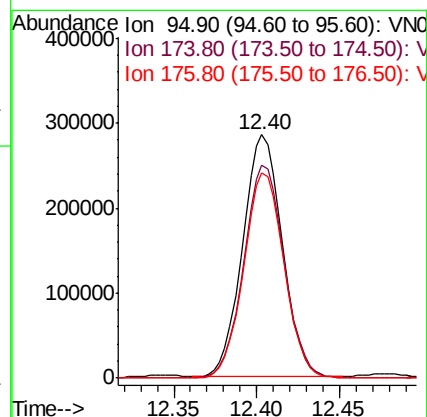
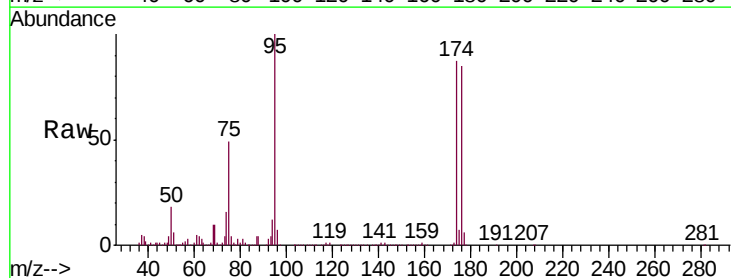
Tgt Ion: 95 Resp: 472503

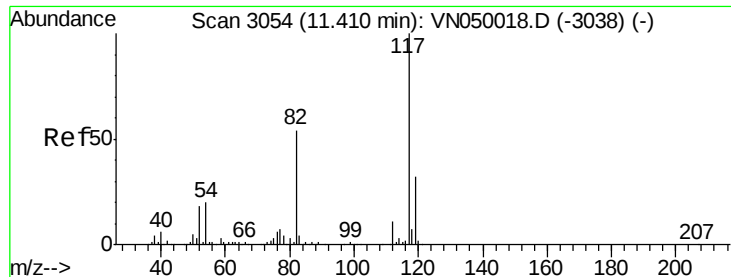
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.2

176 86.4 0.0 173.4

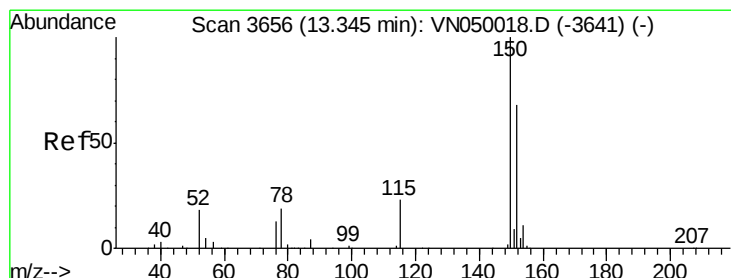
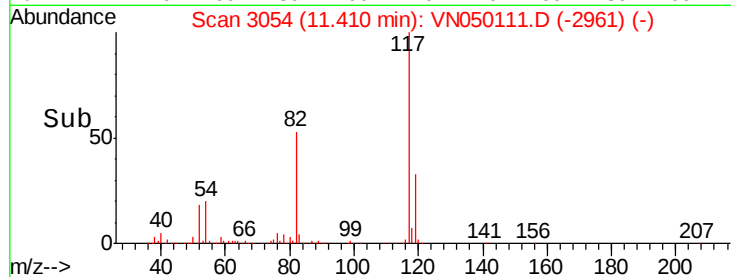
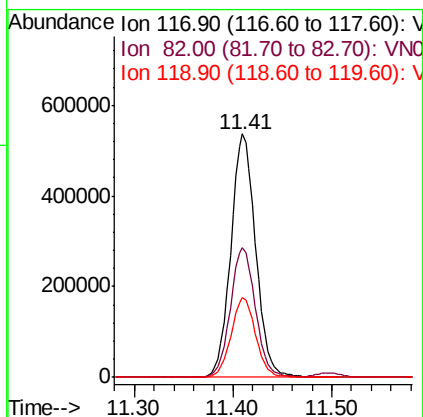
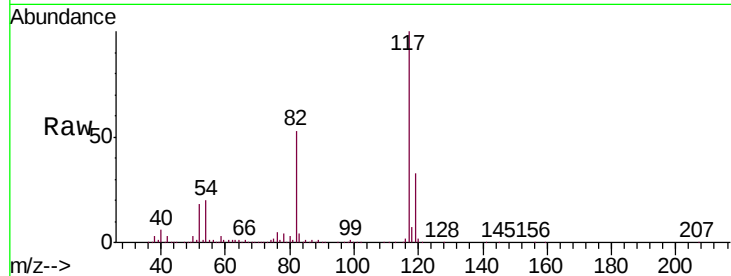




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050111.D
Acq: 27 Jul 2018 4:04

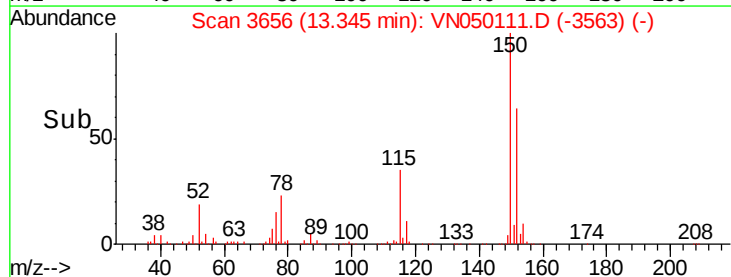
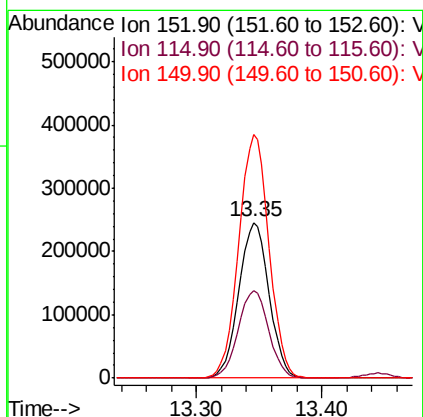
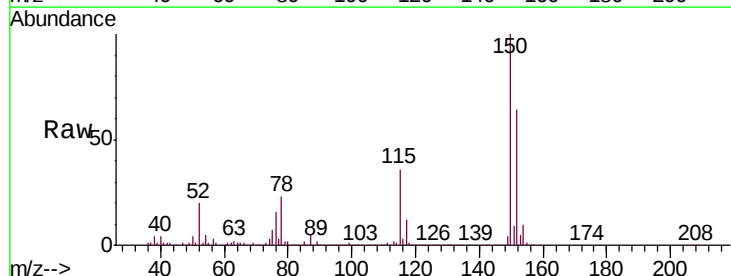
Instrument :
MSVOA_N
ClientSampleId :
MW-14B

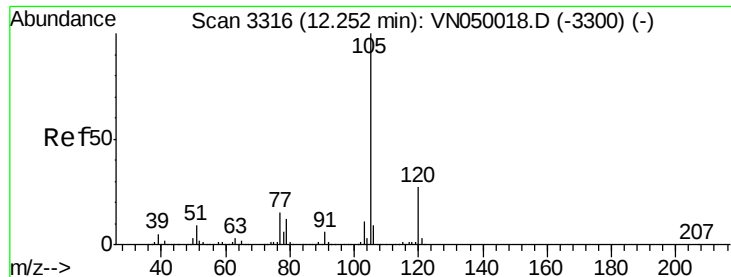
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.7	65.5
119	32.9	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050111.D
Acq: 27 Jul 2018 4:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.8	83.3
150	155.7	0.0	348.6





#73

Isopropylbenzene

Concen: 9.67 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050111.D

Acq: 27 Jul 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

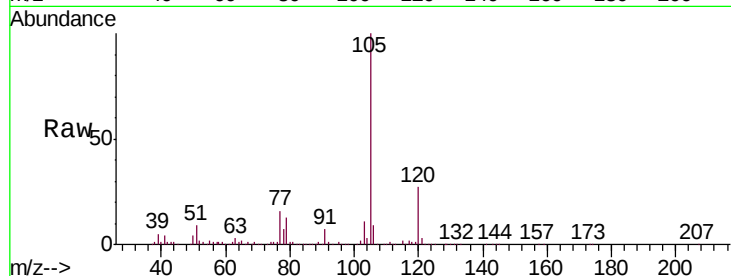
MW-14B

Tot Ion:105 Resp: 308299

Ion Ratio Lower Upper

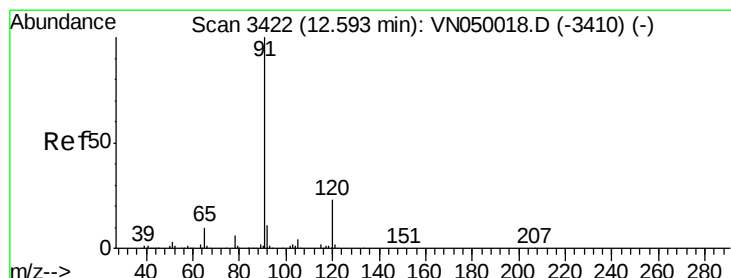
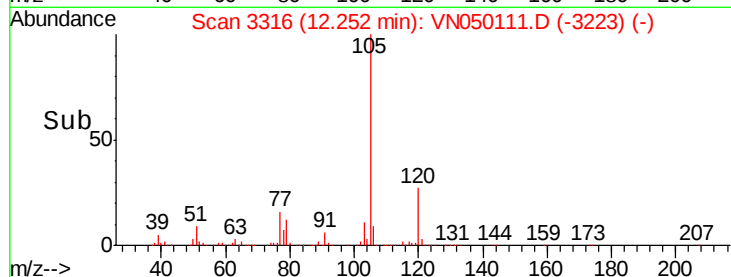
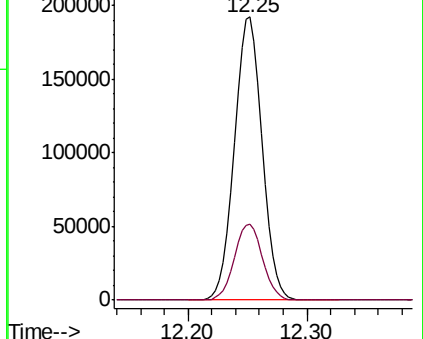
105 100

120 27.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 10.90 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050111.D

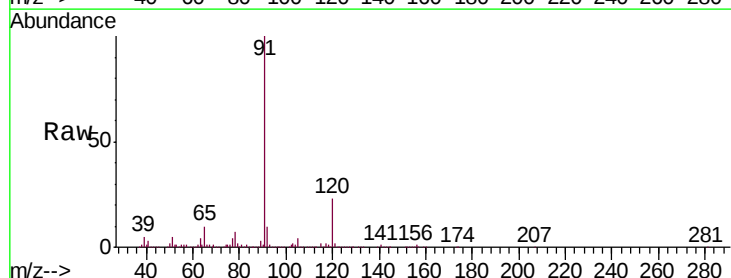
Acq: 27 Jul 2018 4:04

Tgt Ion: 91 Resp: 388349

Ion Ratio Lower Upper

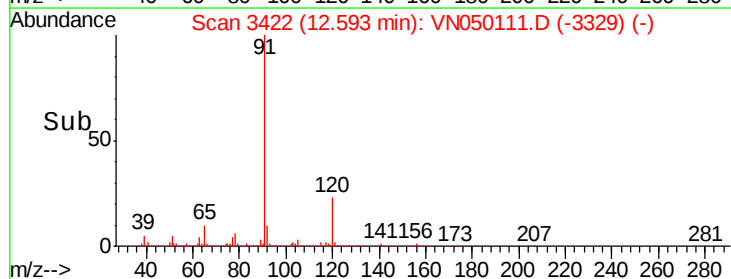
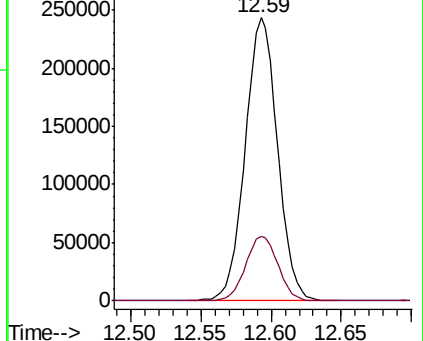
91 100

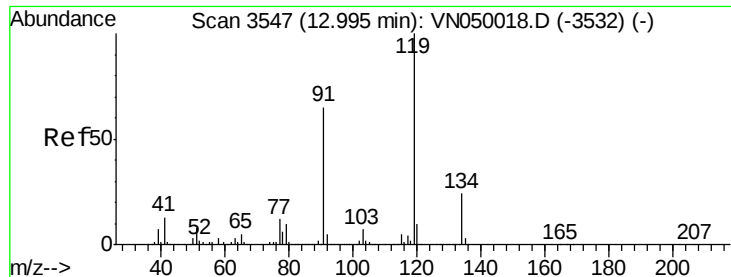
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

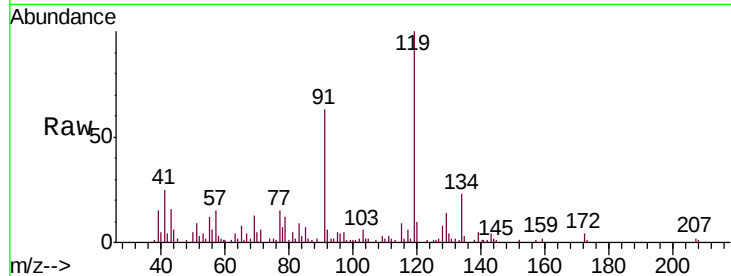




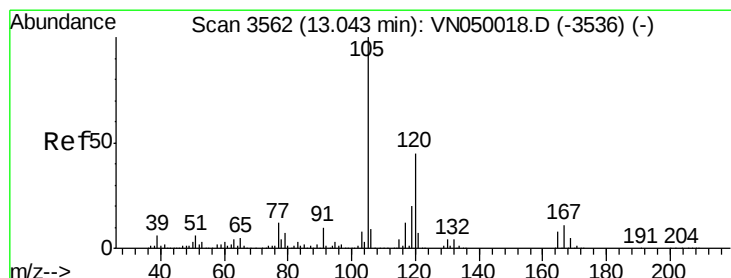
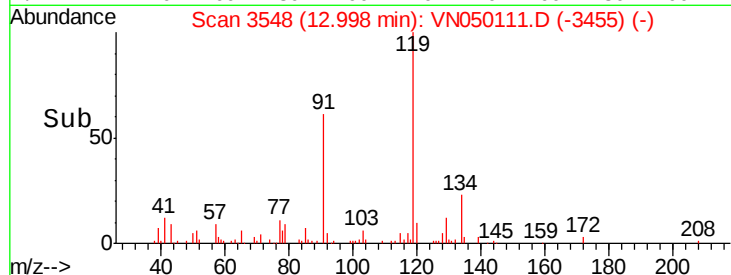
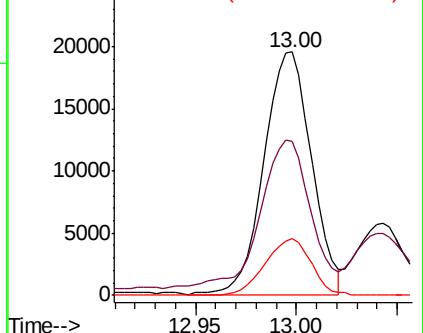
#83
 tert-Butylbenzene
 Concen: 1.47 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN050111.D
 Acq: 27 Jul 2018 4:04

Instrument :
 MSVOA_N
 ClientSampled :
 MW-14B

Tot Ion:119 Resp: 32198
 Ion Ratio Lower Upper
 119 100
 91 62.8 32.1 96.3
 134 22.3 13.2 39.5

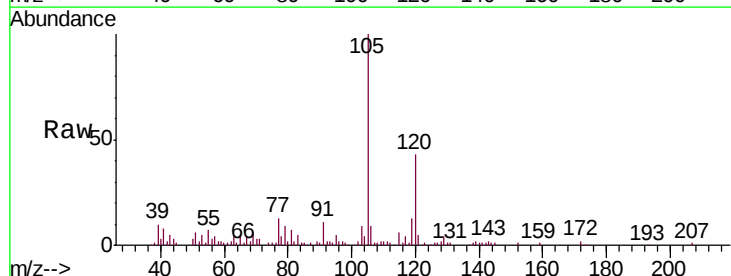


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

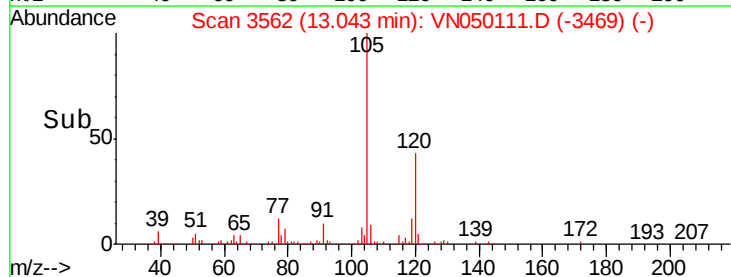
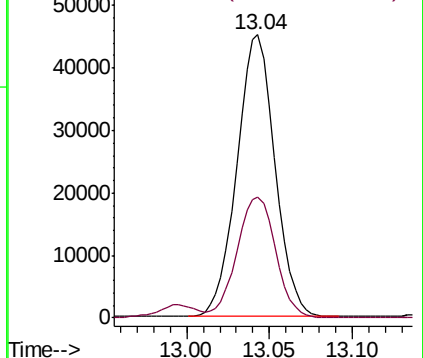


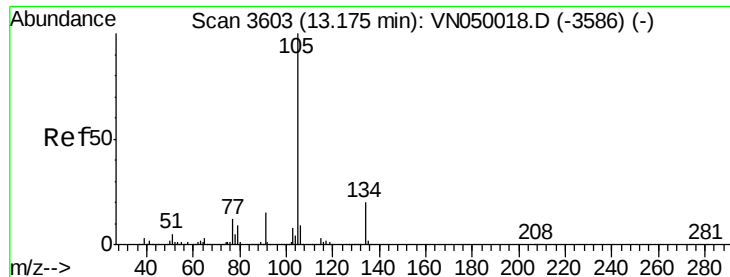
#84
 1,2,4-Trimethylbenzene
 Concen: 2.82 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050111.D
 Acq: 27 Jul 2018 4:04

Tgt Ion:105 Resp: 71359
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

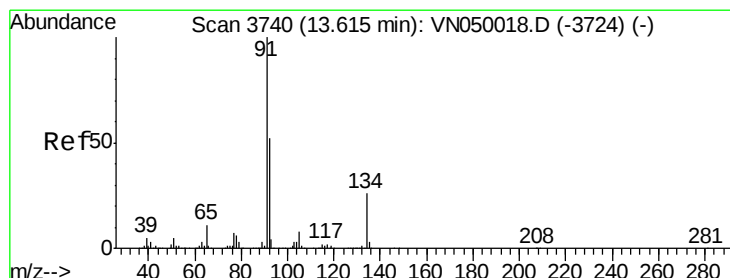
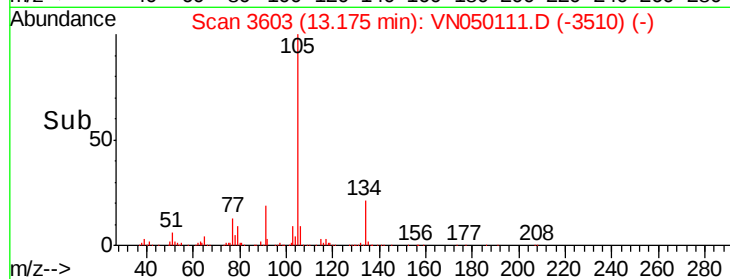
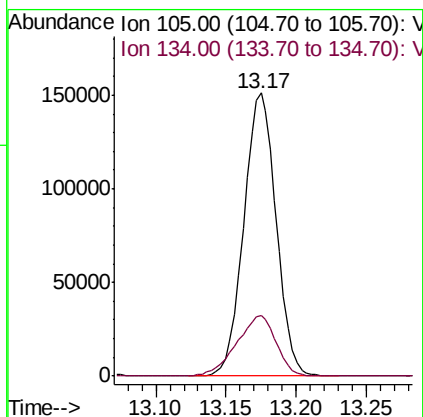
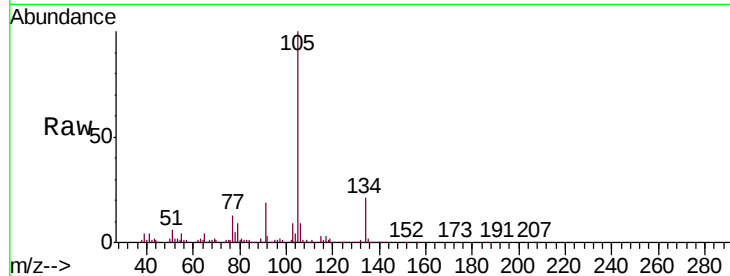




#85
 sec-Butylbenzene
 Concen: 8.26 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050111.D
 Acq: 27 Jul 2018 4:04

Instrument :
 MSVOA_N
 ClientSampled :
 MW-14B

Tot Ion: 105 Resp: 241338
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.1 30.1



#89
 n-Butylbenzene
 Concen: 4.33 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN050111.D
 Acq: 27 Jul 2018 4:04

Tgt Ion: 91 Resp: 87756
 Ion Ratio Lower Upper
 91 100
 92 39.5 25.8 77.4
 134 0.0 12.8 38.4#

