

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050110.D
 Acq On : 27 Jul 2018 3:39
 Operator : MD\SY
 Sample : J4163-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Jul 27 11:56:14 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	693621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1117828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	965421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	429370	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	478626	49.46	ug/l	0.00
Spiked Amount						
			Recovery	=	98.92%	
35) Dibromofluoromethane	7.59	113	426040	46.68	ug/l	0.00
Spiked Amount						
			Recovery	=	93.36%	
50) Toluene-d8	10.09	98	1547812	46.13	ug/l	0.00
Spiked Amount						
			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.40	95	481021	43.54	ug/l	0.00
Spiked Amount						
			Recovery	=	87.08%	

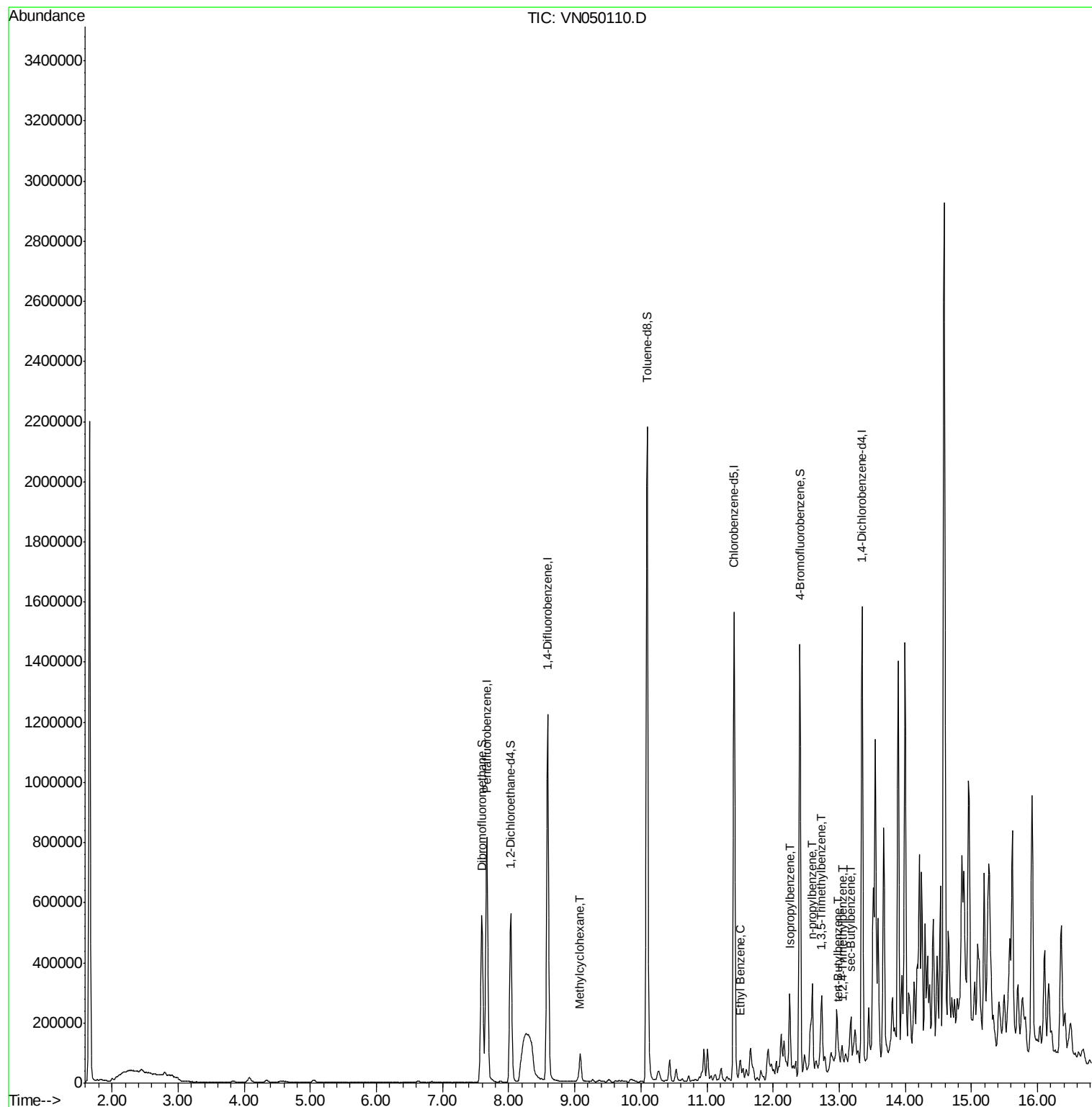
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	37436	2.89	ug/l	97
67) Ethyl Benzene	11.51	91	19732	0.50	ug/l	98
73) Isopropylbenzene	12.25	105	174473	5.24	ug/l	99
78) n-propylbenzene	12.59	91	229532	6.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	82115	3.13	ug/l	96
83) tert-Butylbenzene	12.99	119	18598	0.81	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	26681	1.01	ug/l	99
85) sec-Butylbenzene	13.17	105	94213	3.08	ug/l	89

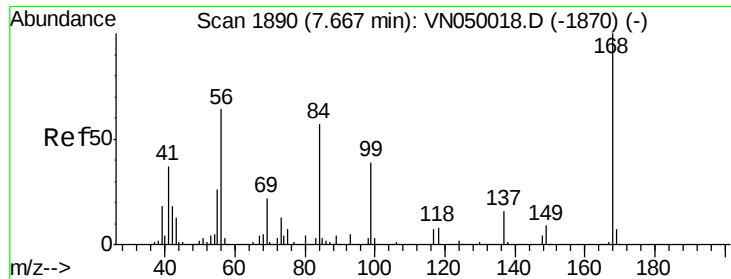
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050110.D
Acq On : 27 Jul 2018 3:39
Operator : MD\SY
Sample : J4163-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Time: Jul 27 11:56:14 2018
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: VN050110.D

Acq: 27 Jul 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

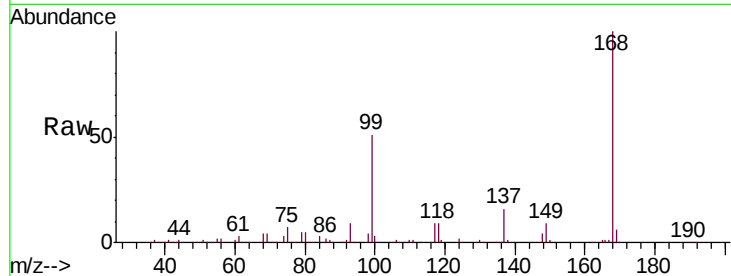
MW-11

Tot Ion:168 Resp: 693621

Ion Ratio Lower Upper

168 100

99 51.0 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

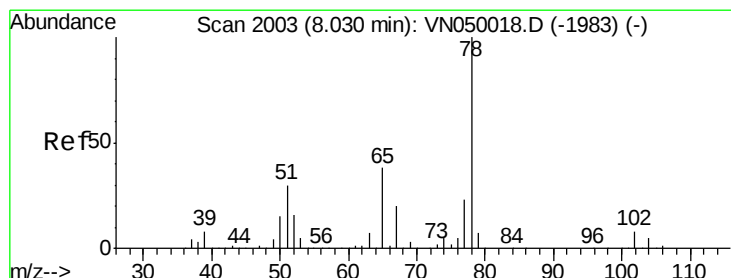
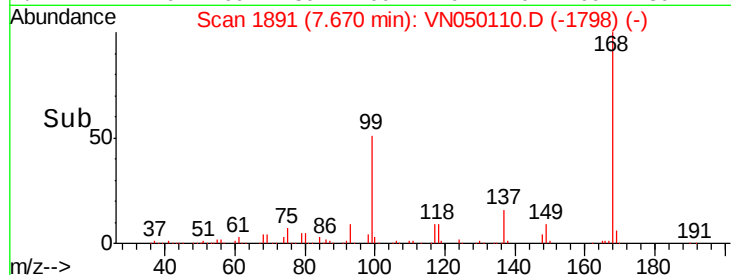
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.46 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050110.D

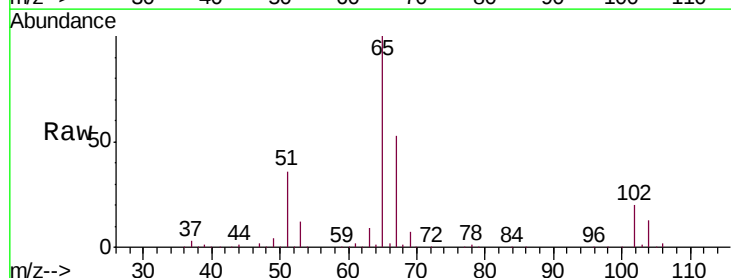
Acq: 27 Jul 2018 3:39

Tgt Ion: 65 Resp: 478626

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

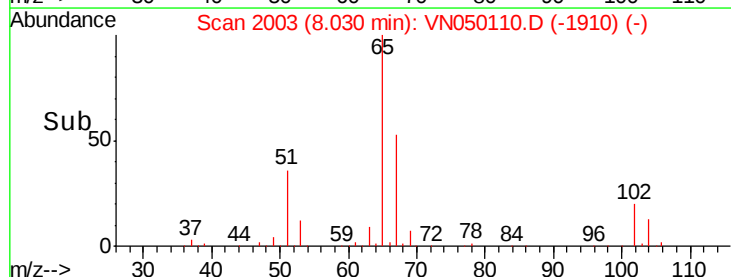
150000

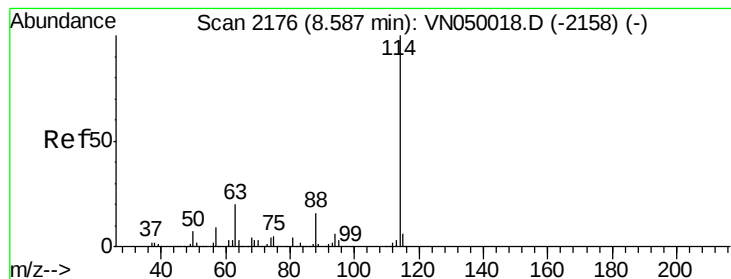
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN050110.D

Acq: 27 Jul 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

MW-11

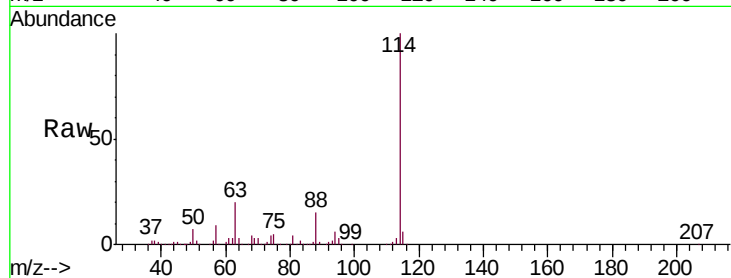
Tot Ion:114 Resp: 1117828

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

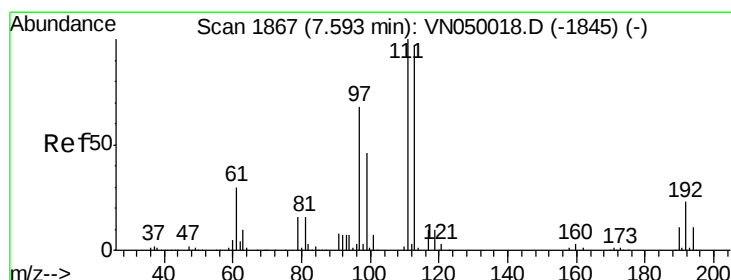
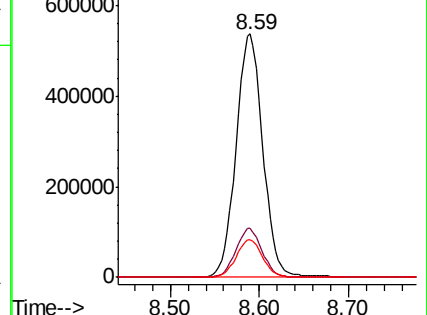
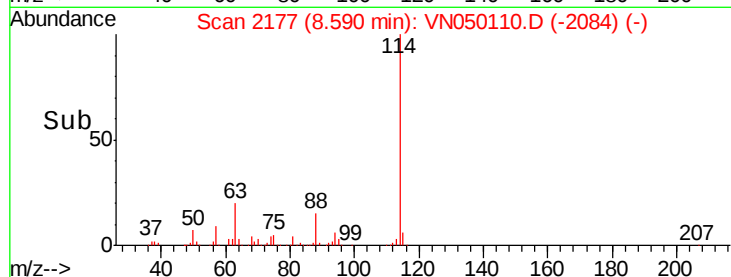
88 15.4 0.0 31.2



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: 46.68 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050110.D

Acq: 27 Jul 2018 3:39

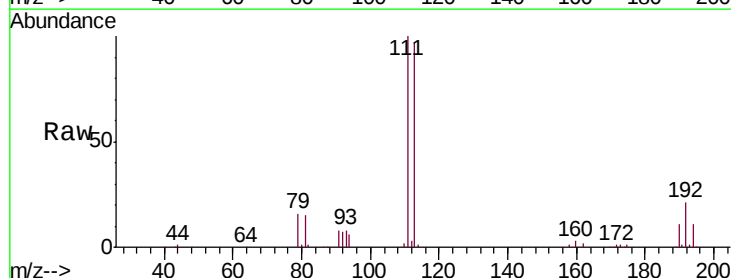
Tgt Ion:113 Resp: 426040

Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

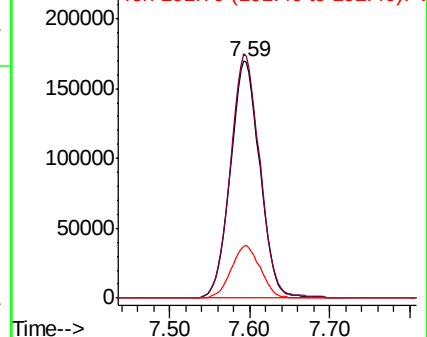
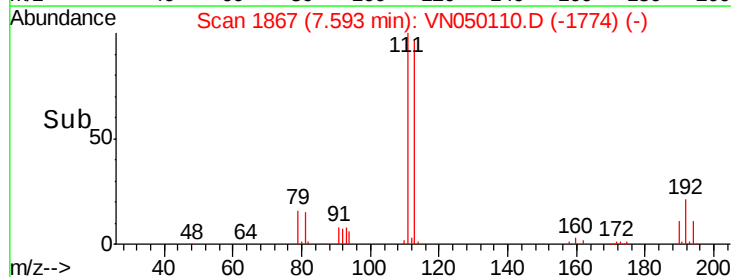
192 21.9 17.8 26.6

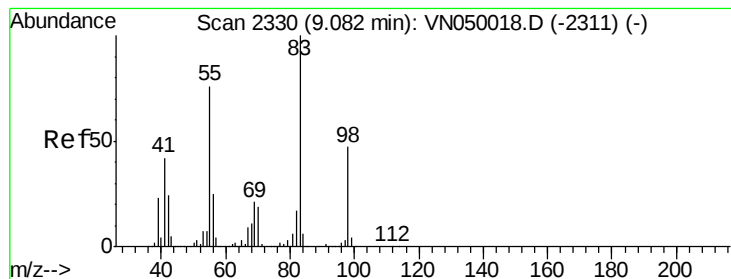


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 2.89 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN050110.D

Acq: 27 Jul 2018 3:39

Instrument :

MSVOA_N

ClientSampleId :

MW-11

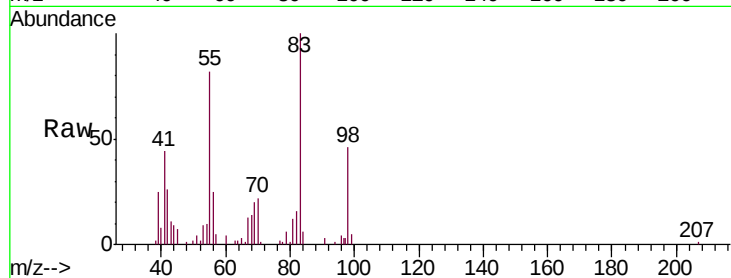
Tot Ion: 83 Resp: 37436

Ion Ratio Lower Upper

83 100

55 81.3 61.8 92.8

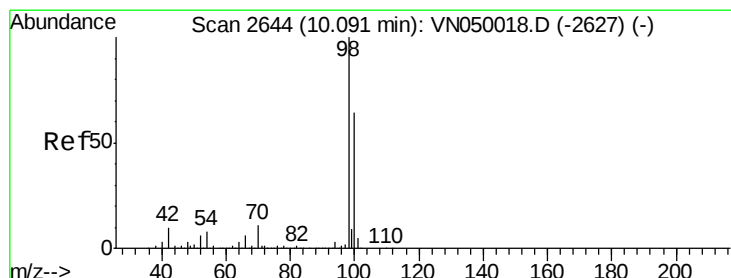
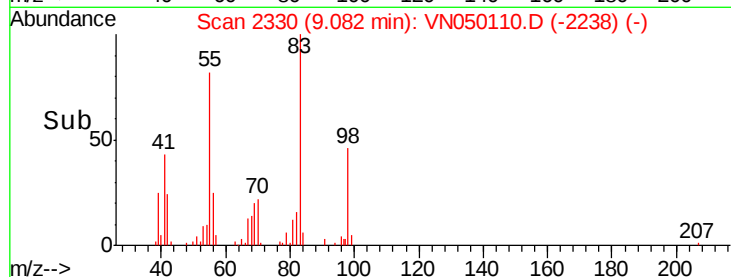
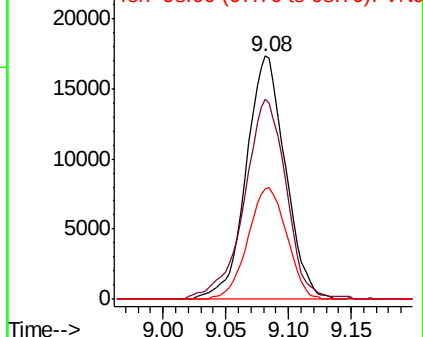
98 45.6 36.5 54.7



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: 46.13 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN050110.D

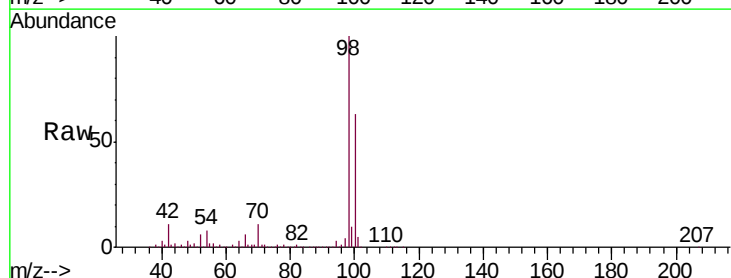
Acq: 27 Jul 2018 3:39

Tgt Ion: 98 Resp: 1547812

Ion Ratio Lower Upper

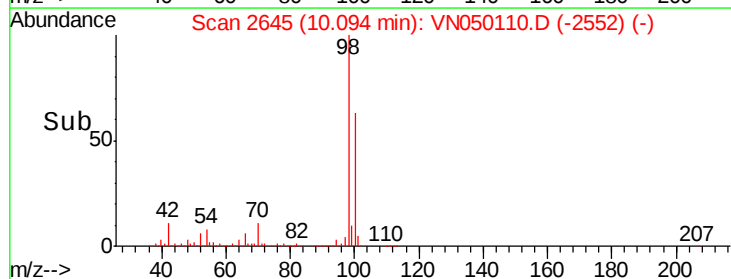
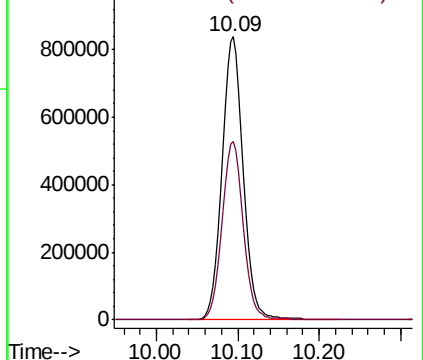
98 100

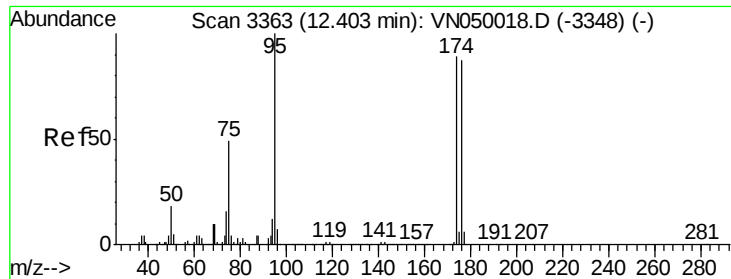
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

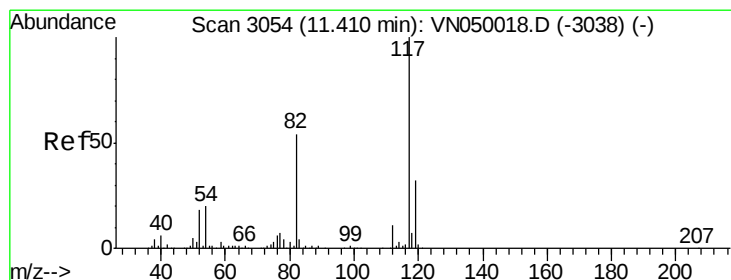
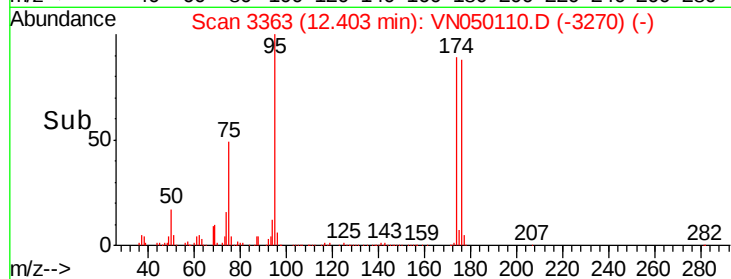
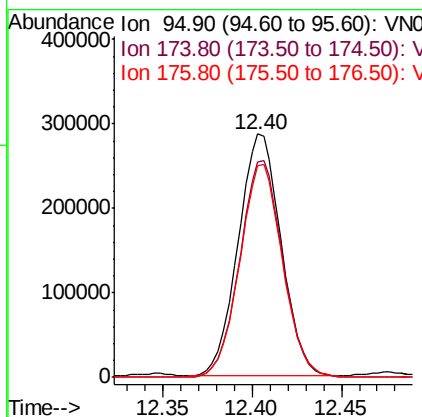
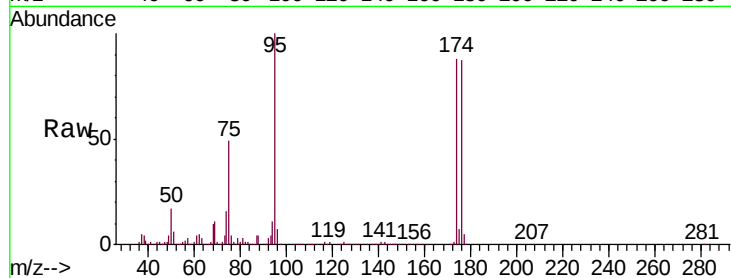




#62
4-Bromofluorobenzene
Concen: 43.54 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050110.D
Acq: 27 Jul 2018 3:39

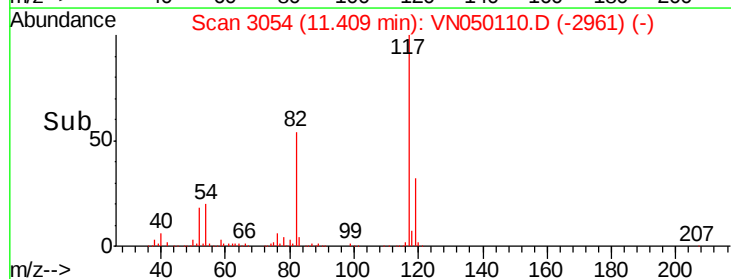
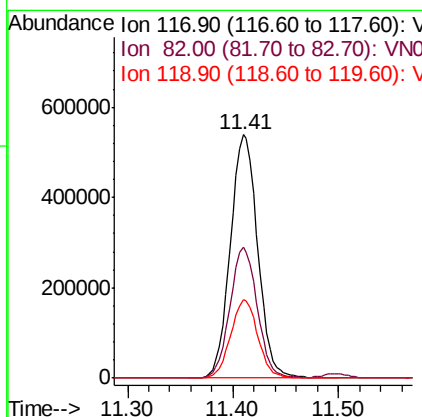
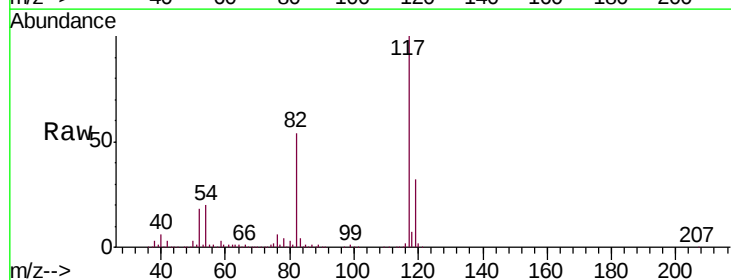
Instrument :
MSVOA_N
ClientSampled :
MW-11

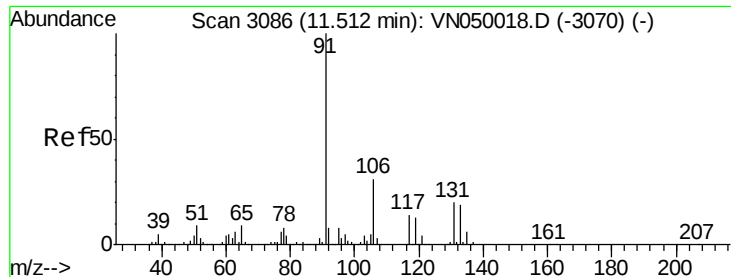
Tot Ion: 95 Resp: 481021
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 87.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050110.D
Acq: 27 Jul 2018 3:39

Tgt Ion: 117 Resp: 965421
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.0 26.1 39.1

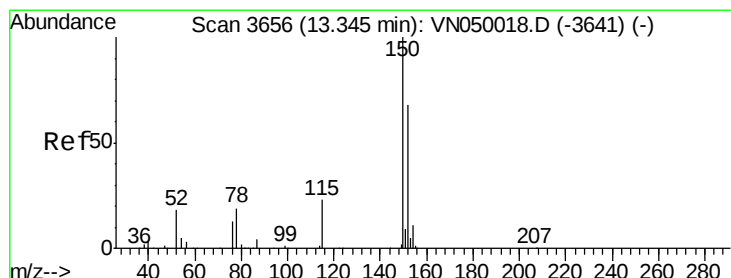
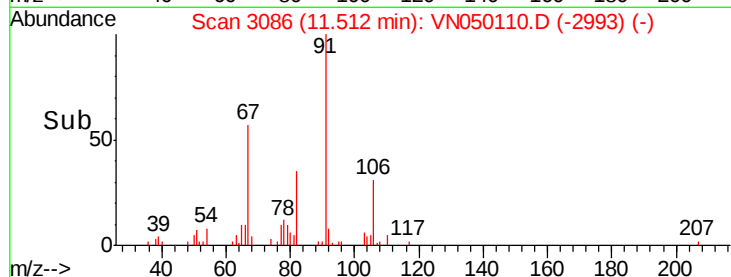
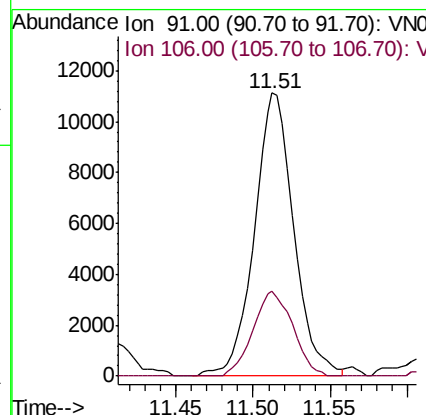
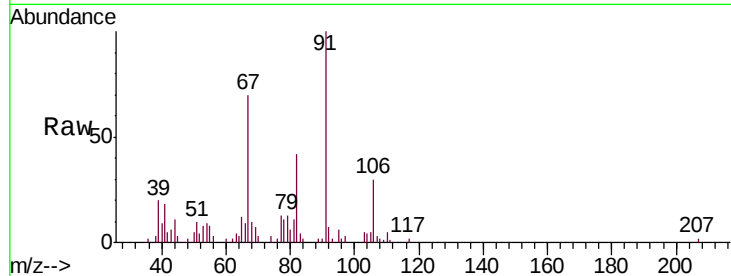




#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050110.D
Acq: 27 Jul 2018 3:39

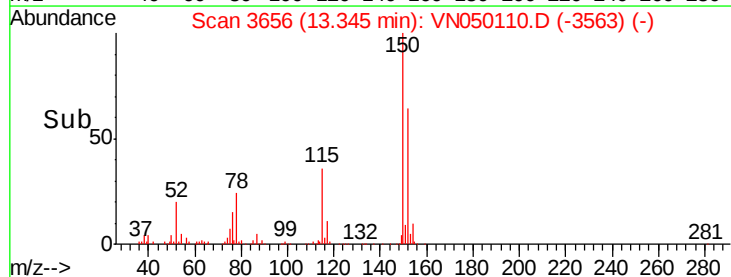
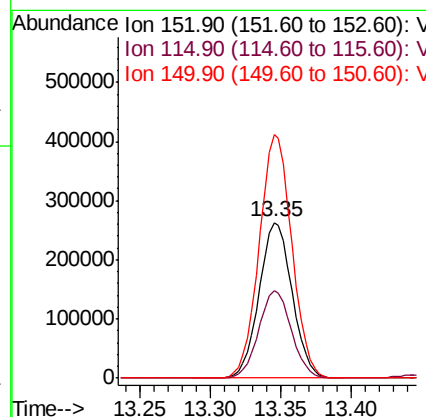
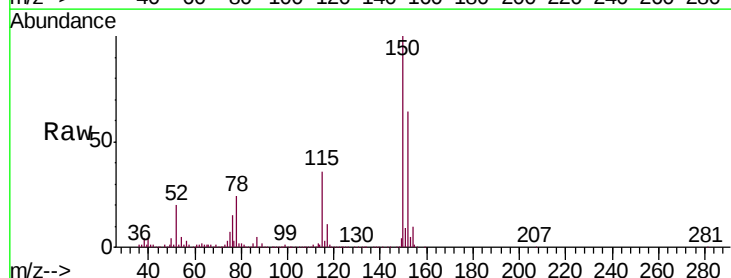
Instrument :
MSVOA_N
ClientSampled :
MW-11

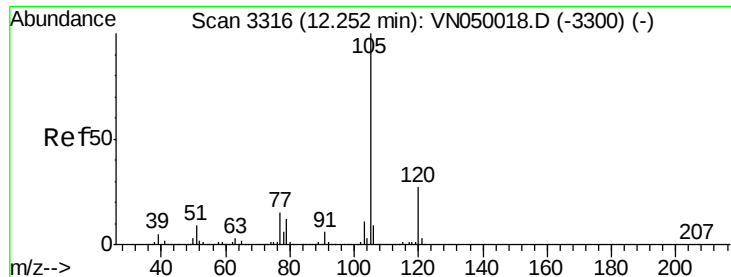
Tot Ion: 91 Resp: 19732
Ion Ratio Lower Upper
91 100
106 29.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050110.D
Acq: 27 Jul 2018 3:39

Tgt Ion: 152 Resp: 429370
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.3
150 155.0 0.0 348.6





#73

Isopropylbenzene

Concen: 5.24 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050110.D

Acq: 27 Jul 2018 3:39

Instrument :

MSVOA_N

ClientSampled :

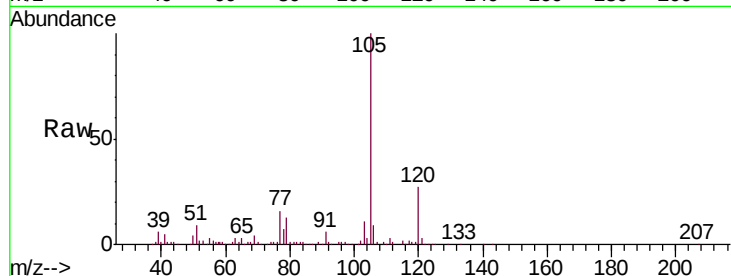
MW-11

Tot Ion:105 Resp: 174473

Ion Ratio Lower Upper

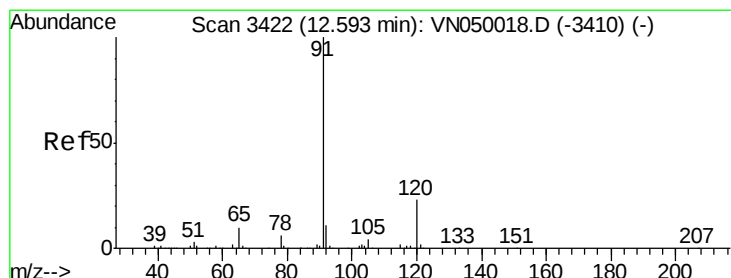
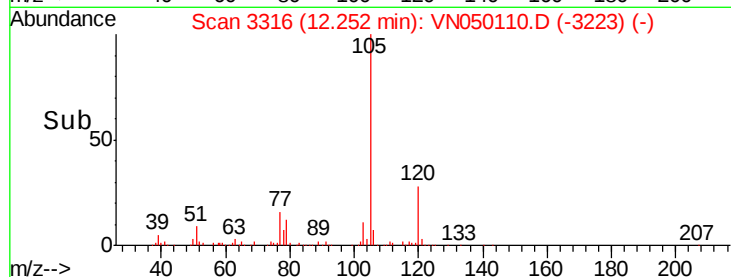
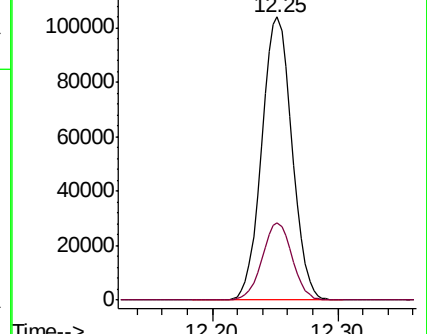
105 100

120 26.9 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: 6.17 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050110.D

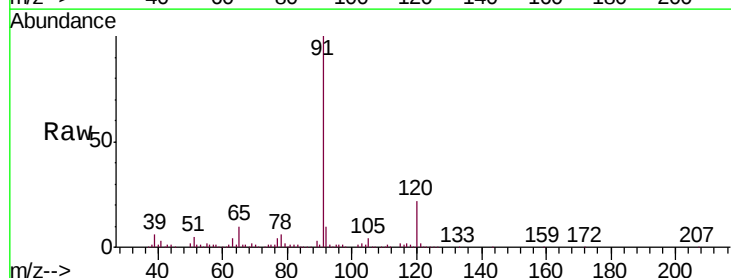
Acq: 27 Jul 2018 3:39

Tgt Ion: 91 Resp: 229532

Ion Ratio Lower Upper

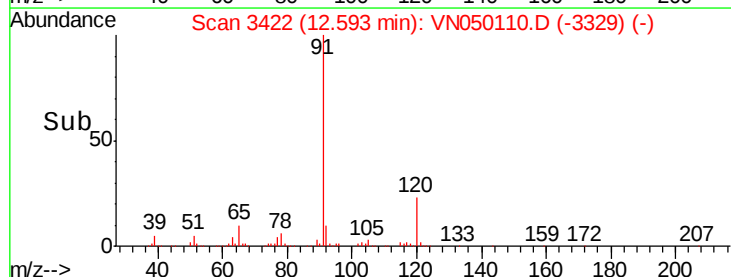
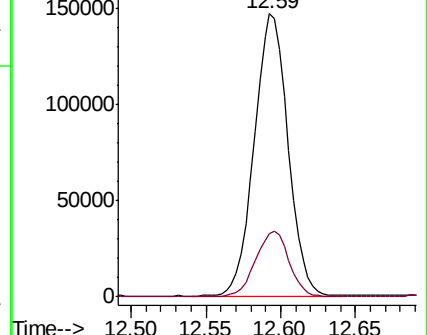
91 100

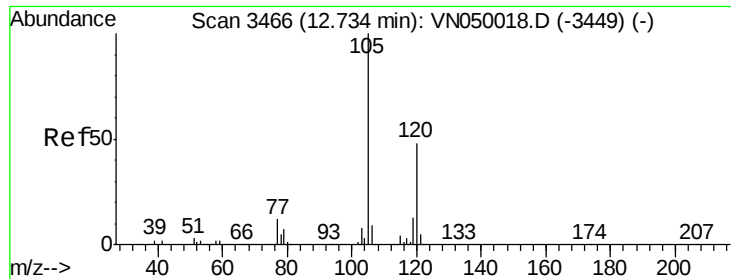
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

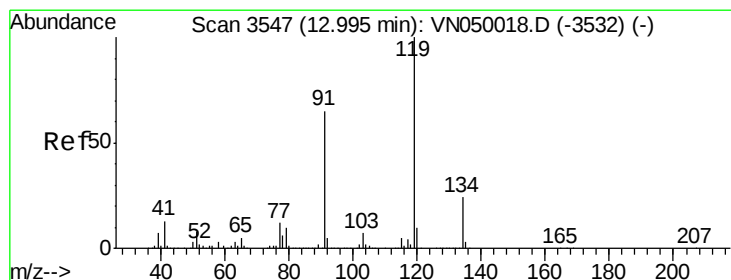
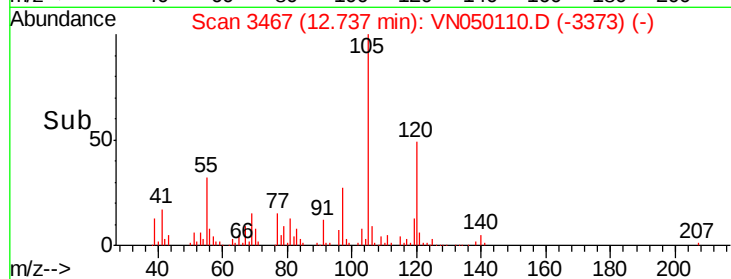
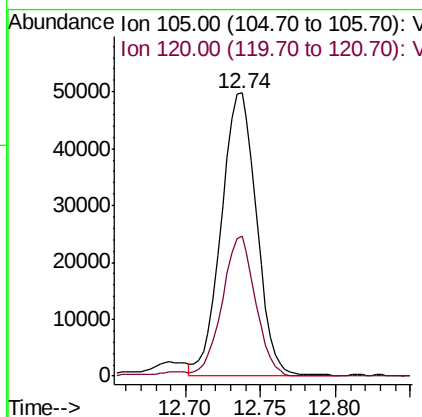
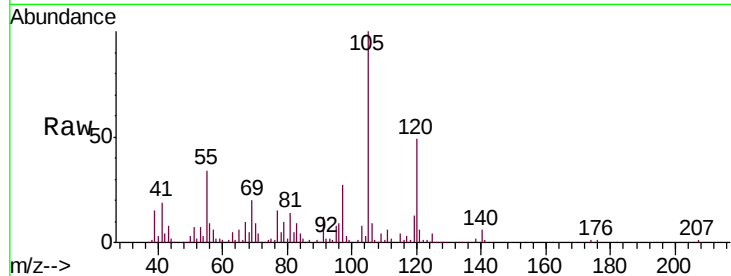




#80
 1,3,5-Trimethylbenzene
 Concen: 3.13 ug/l
 RT: 12.74 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VN050110.D
 Acq: 27 Jul 2018 3:39

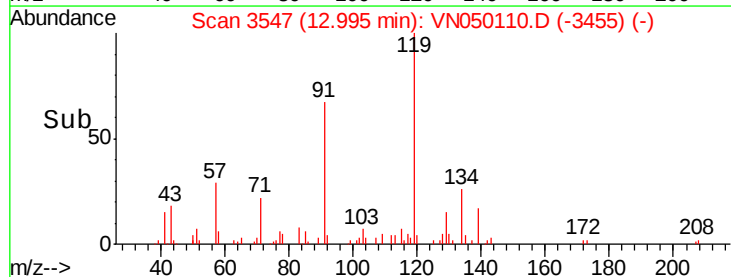
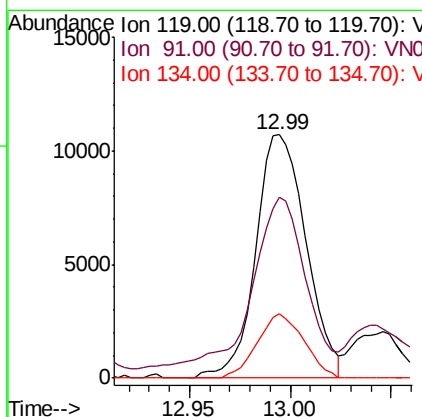
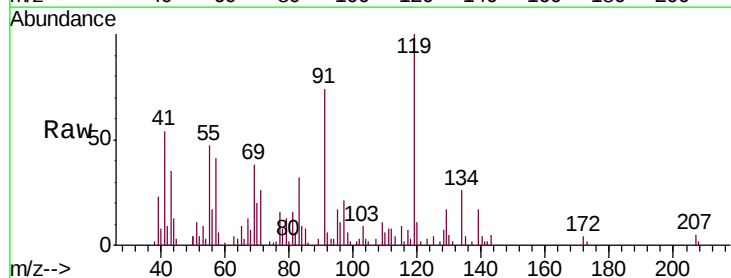
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11

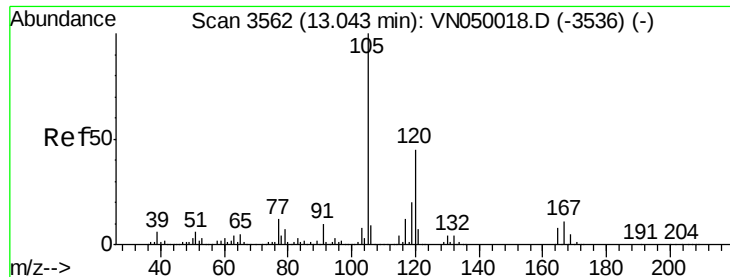
Tot Ion:105 Resp: 82115
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.4 73.2



#83
 tert-Butylbenzene
 Concen: 0.81 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050110.D
 Acq: 27 Jul 2018 3:39

Tgt Ion:119 Resp: 18598
 Ion Ratio Lower Upper
 119 100
 91 74.3 32.1 96.3
 134 24.3 13.2 39.5

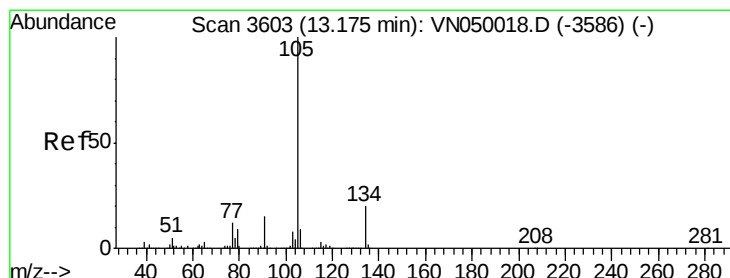
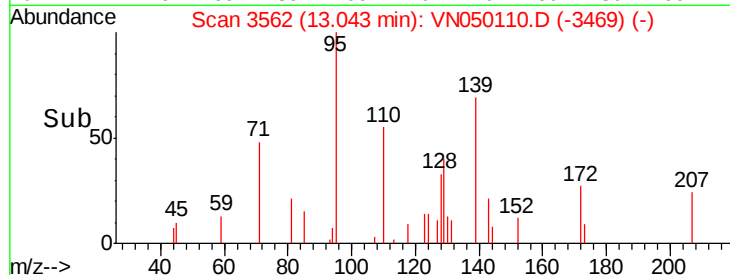
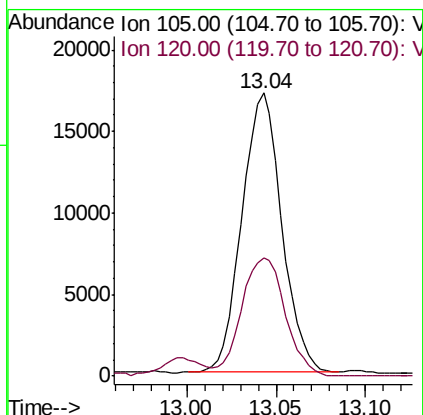
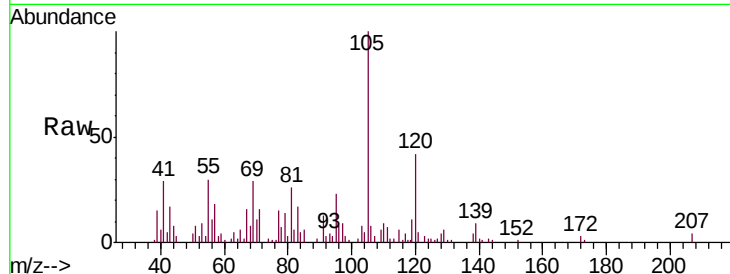




#84
1,2,4-Trimethylbenzene
Concen: 1.01 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. -0.00 min
Lab File: VN050110.D
Acq: 27 Jul 2018 3:39

Instrument :
MSVOA_N
ClientSampled :
MW-11

Tot Ion:105 Resp: 26681
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.7



#85
sec-Butylbenzene
Concen: 3.08 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. -0.00 min
Lab File: VN050110.D
Acq: 27 Jul 2018 3:39

Tgt Ion:105 Resp: 94213
Ion Ratio Lower Upper
105 100
134 25.0 10.1 30.1

