

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072718\
 Data File : VN050167.D
 Acq On : 28 Jul 2018 7:32
 Operator : MD\SY
 Sample : J4199-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A12

Quant Time: Aug 02 02:09:53 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	628585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367601	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	443481	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.14%		
35) Dibromofluoromethane	7.59	113	397264	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.54%		
50) Toluene-d8	10.09	98	1424656	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.24%		
62) 4-Bromofluorobenzene	12.40	95	419996	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	81.68%		

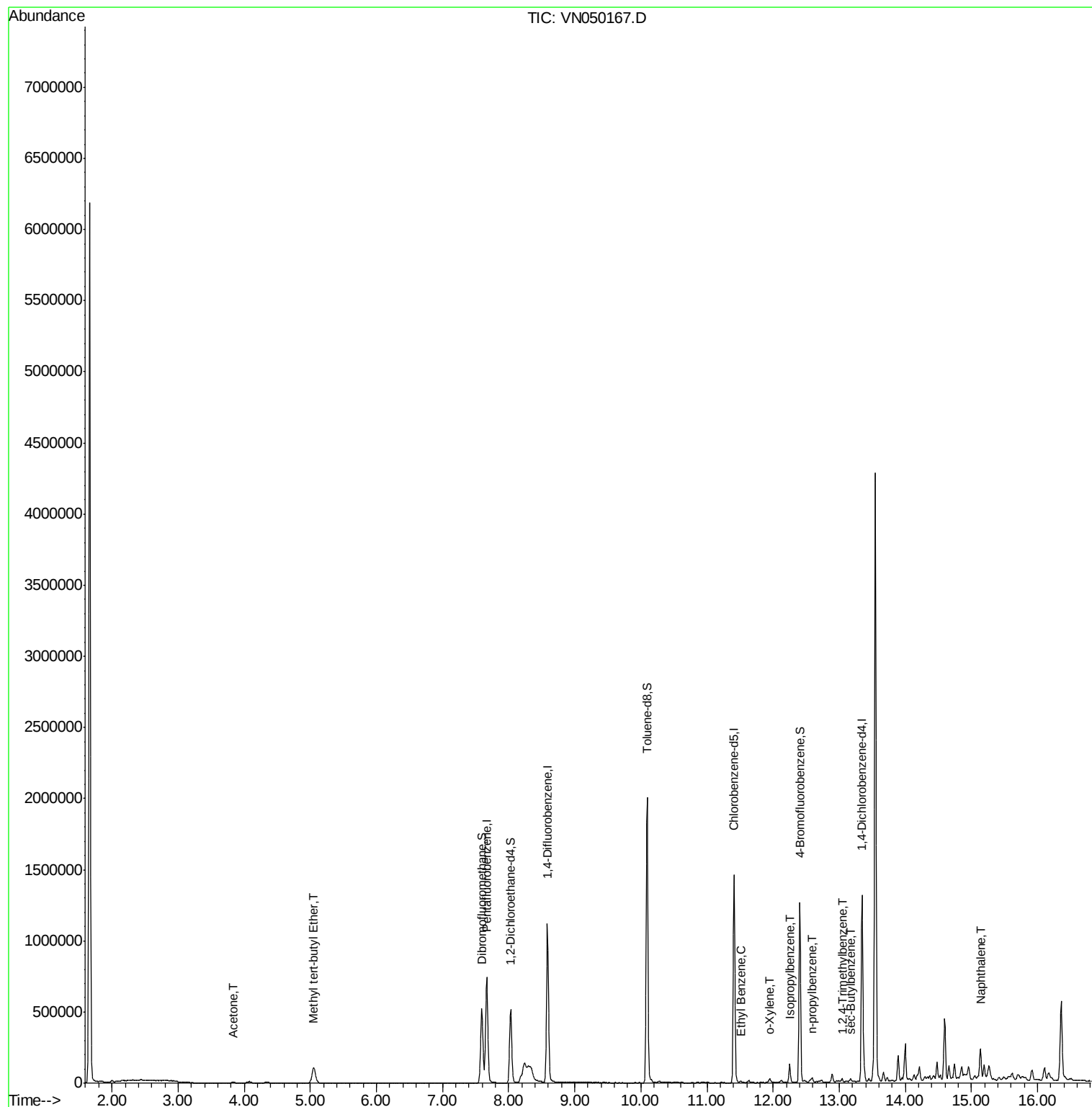
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	9551	0.286	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	173472	8.985	ug/l	96
67) Ethyl Benzene	11.51	91	8159	0.228	ug/l	96
69) o-Xylene	11.95	106	7357	0.570	ug/l	97
73) Isopropylbenzene	12.25	105	80926	2.839	ug/l	99
78) n-propylbenzene	12.59	91	25638	0.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	13826	0.612	ug/l	100
85) sec-Butylbenzene	13.17	105	13140	0.503	ug/l	86
95) Naphthalene	15.14	128	187017	14.571	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072718\
Data File : VN050167.D
Acq On : 28 Jul 2018 7:32
Operator : MD\SY
Sample : J4199-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-A12

Quant Time: Aug 02 02:09:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050167.D

Acq: 28 Jul 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

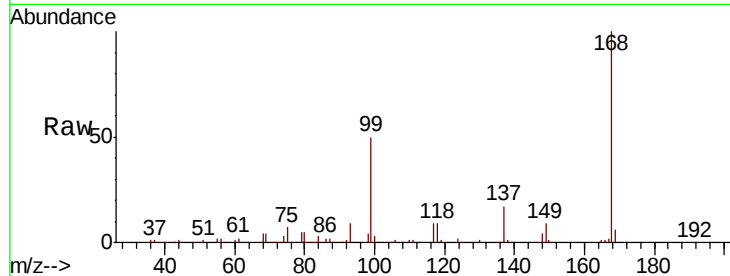
MW-A12

Tgt Ion:168 Resp: 628585

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

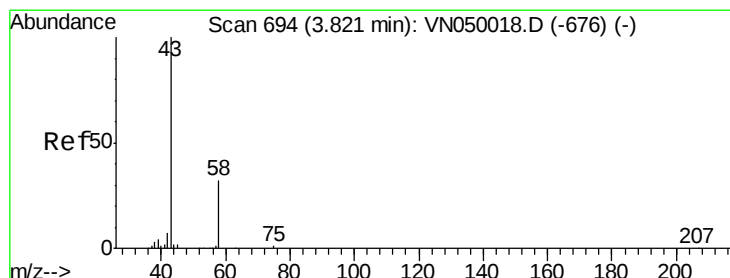
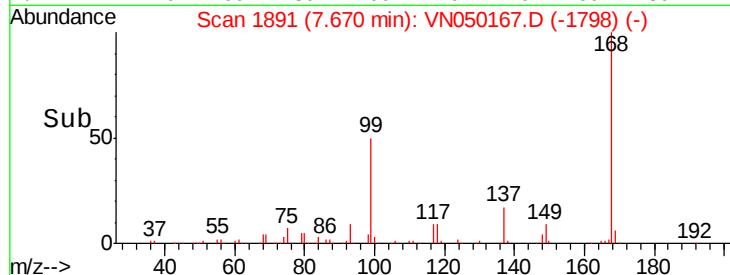
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.286 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050167.D

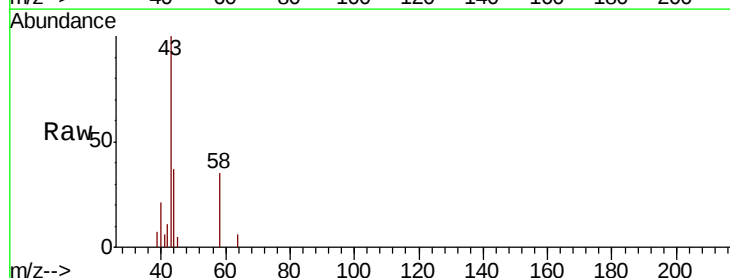
Acq: 28 Jul 2018 7:32

Tgt Ion: 43 Resp: 9551

Ion Ratio Lower Upper

43 100

58 35.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

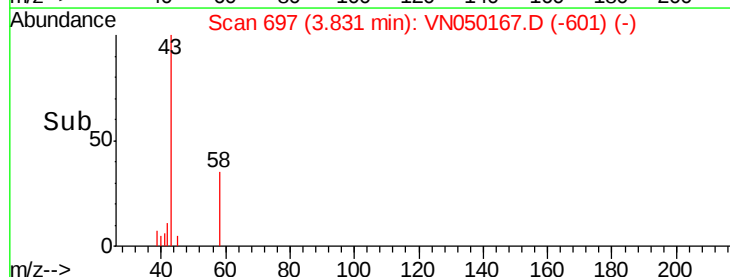
3000

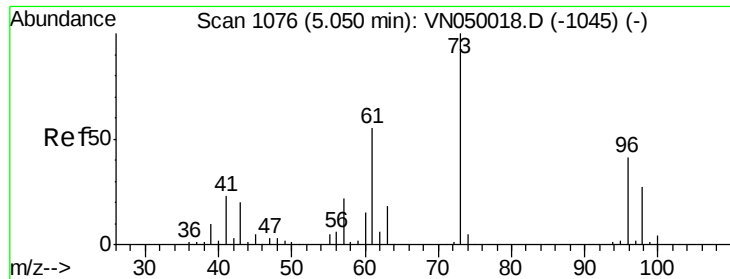
2000

1000

0

Time-->

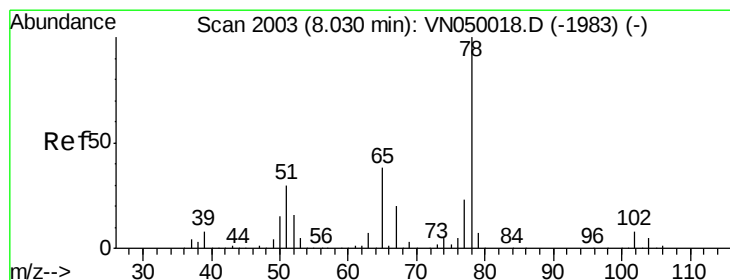
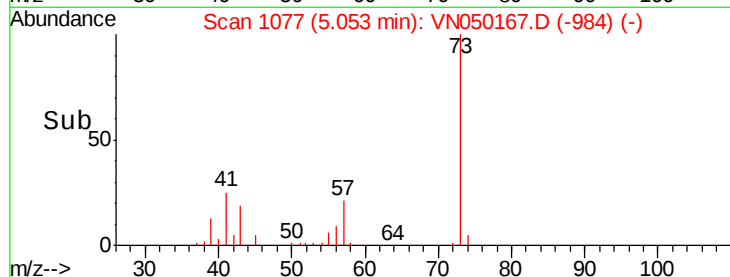
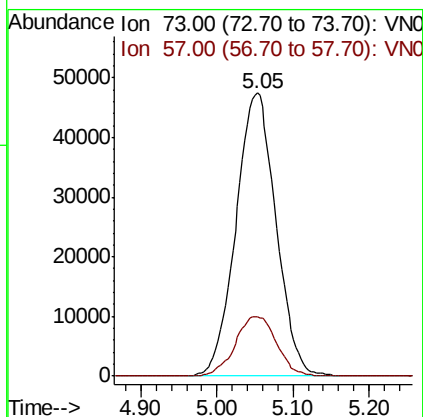
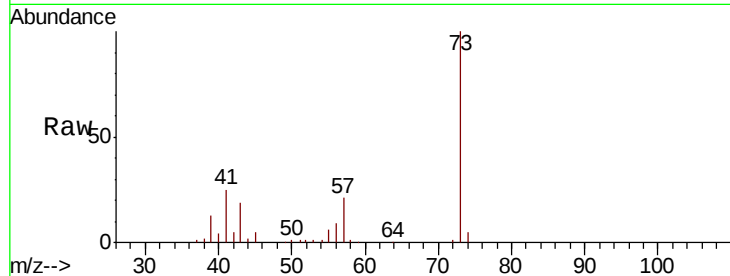




#19
Methyl tert-butyl Ether
Concen: 8.985 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

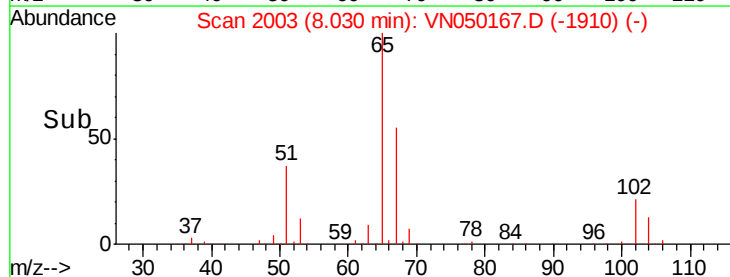
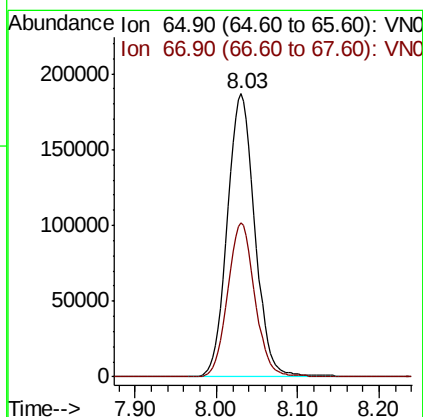
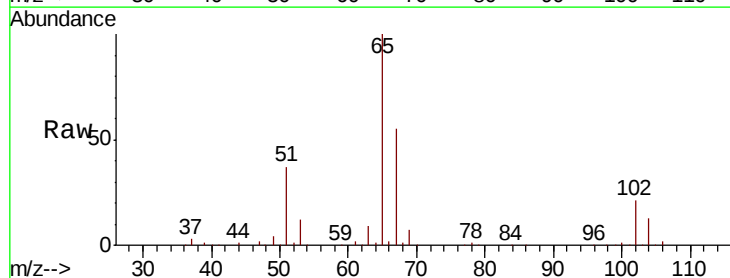
Instrument :
MSVOA_N
ClientSampled :
MW-A12

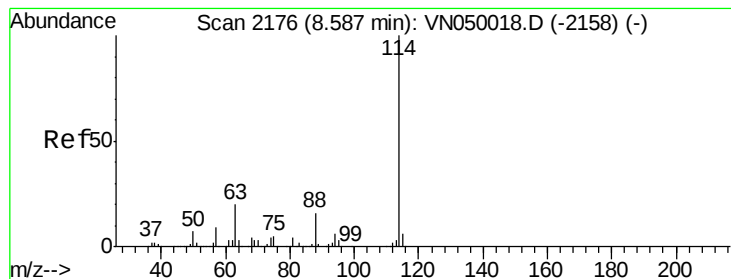
Tgt Ion: 73 Resp: 173472
Ion Ratio Lower Upper
73 100
57 20.8 18.0 27.0



#33
1,2-Dichloroethane-d4
Concen: 50.567 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

Tgt Ion: 65 Resp: 443481
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050167.D

Acq: 28 Jul 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

MW-A12

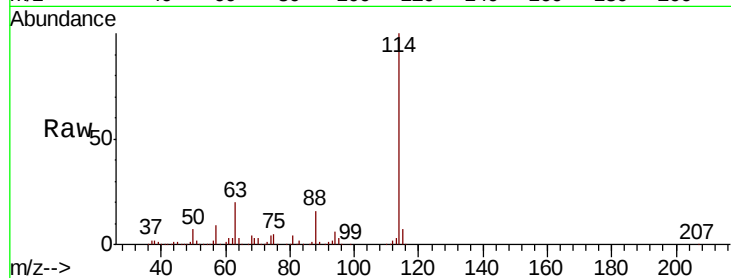
Tgt Ion:114 Resp: 1040361

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

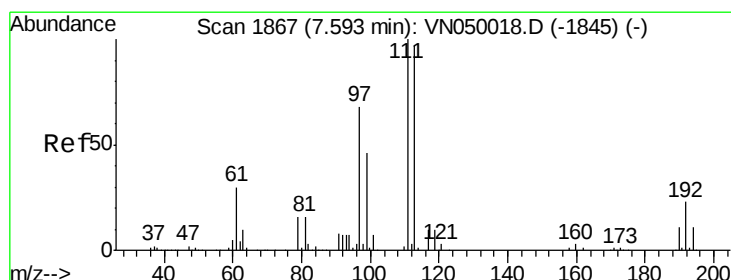
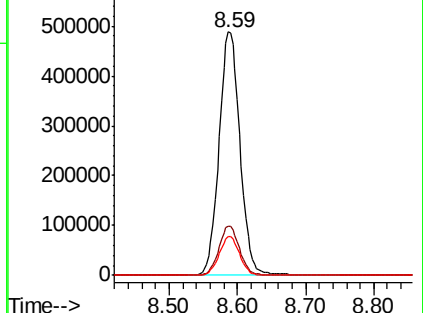
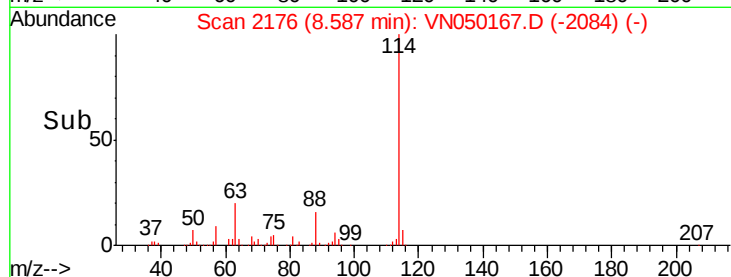
88 15.9 0.0 31.2



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: 46.768 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050167.D

Acq: 28 Jul 2018 7:32

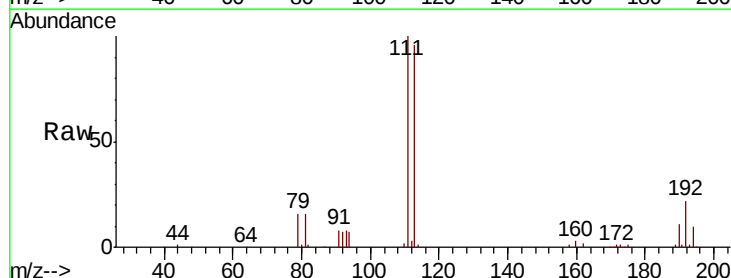
Tgt Ion:113 Resp: 397264

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

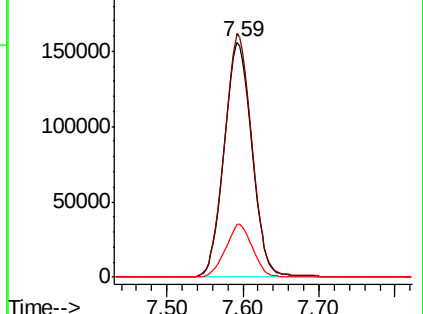
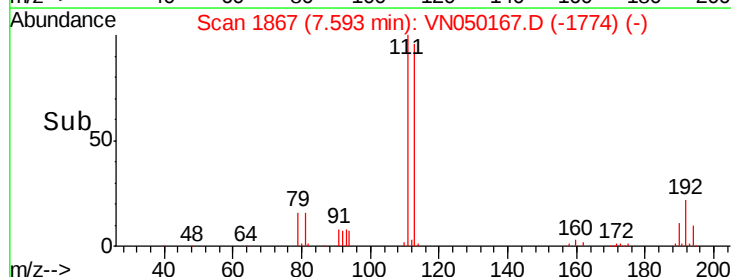
192 21.8 17.8 26.6

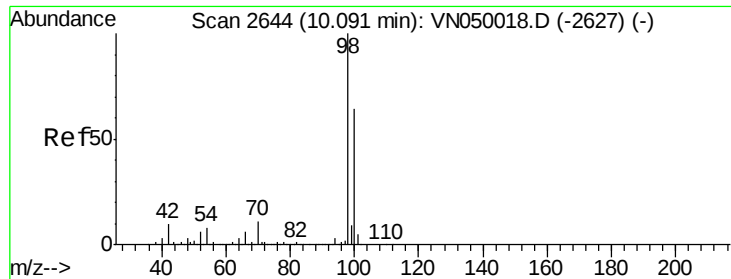


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

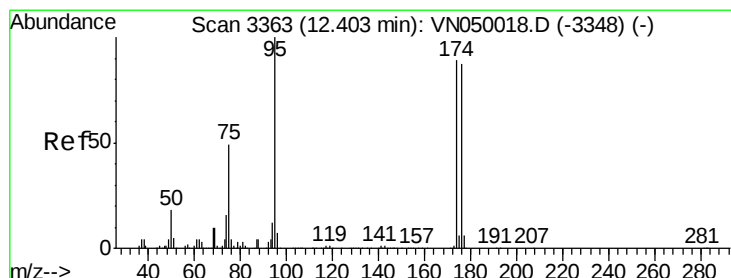
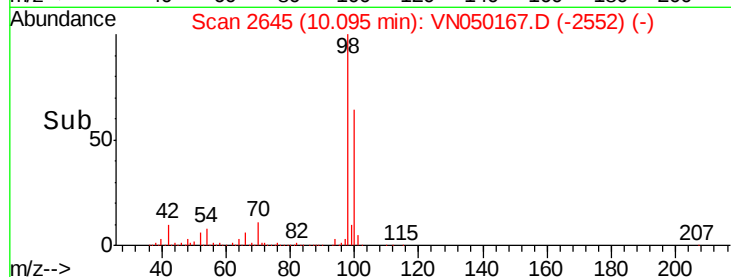
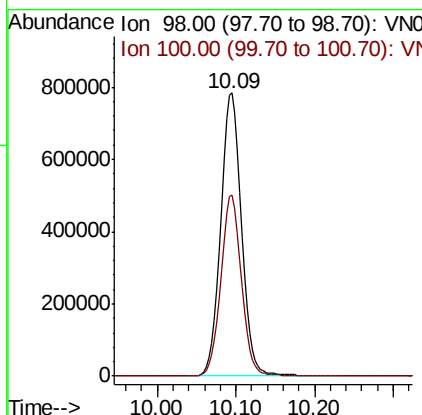
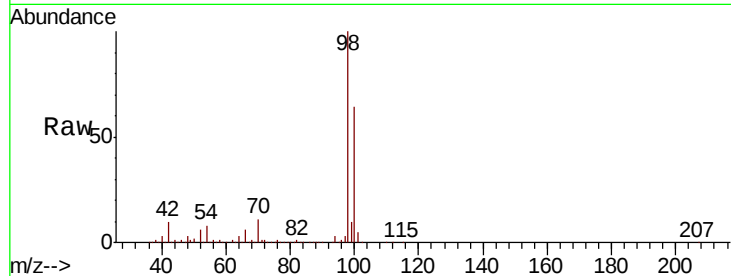




#50
Toluene-d8
Concen: 45.620 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

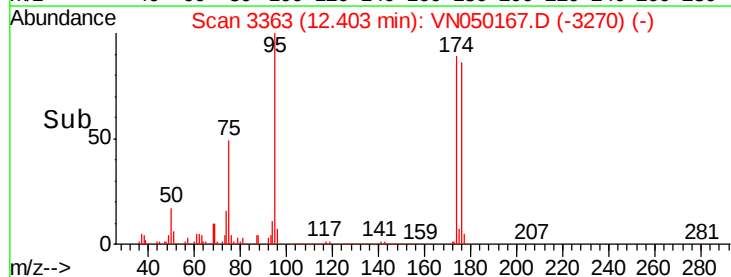
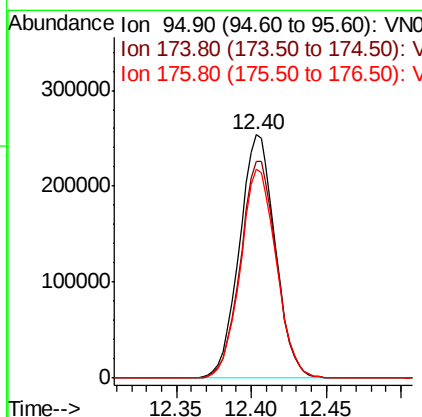
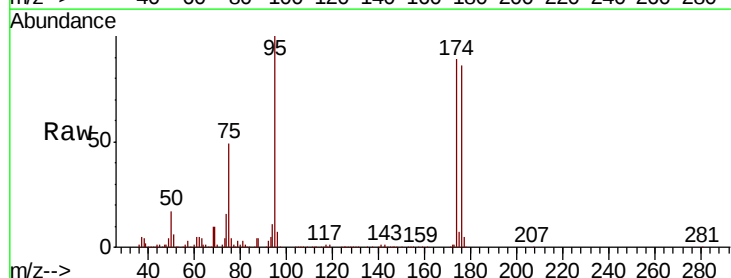
Instrument :
MSVOA_N
ClientSampleId :
MW-A12

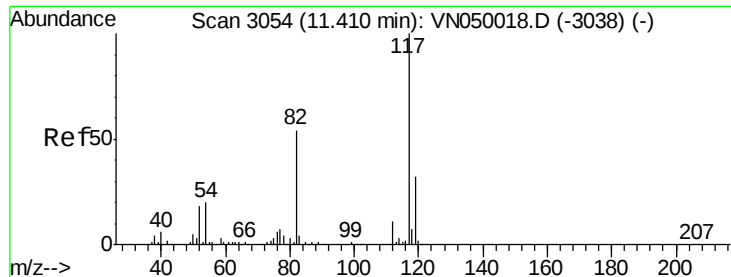
Tgt Ion: 98 Resp: 1424656
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 40.845 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

Tgt Ion: 95 Resp: 419996
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.6 0.0 173.4

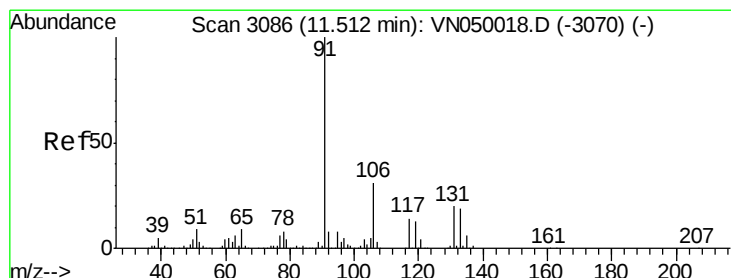
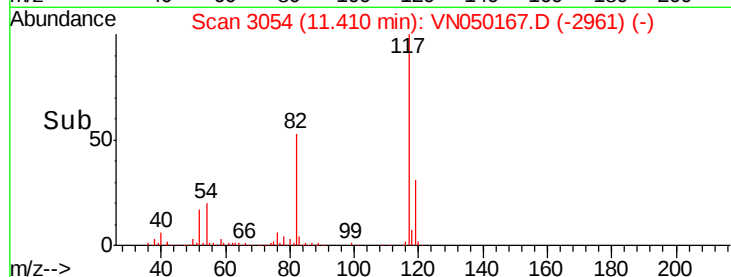
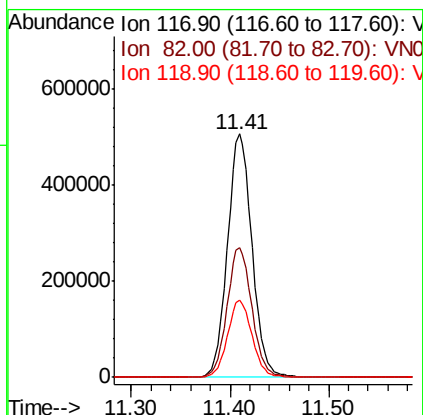
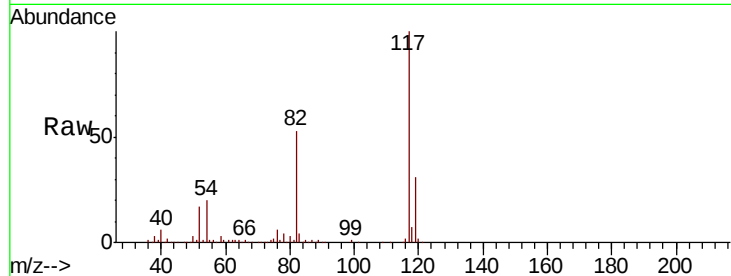




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

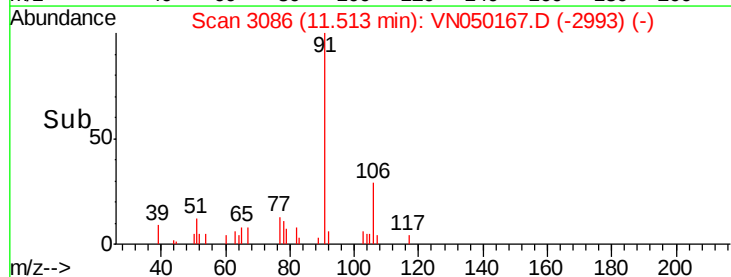
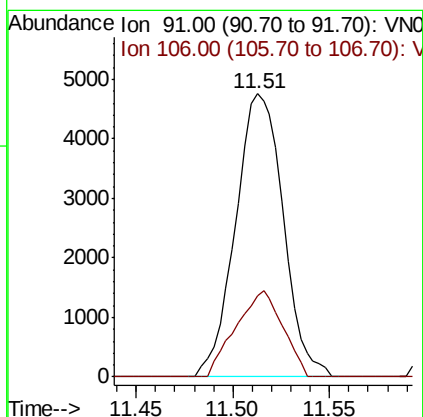
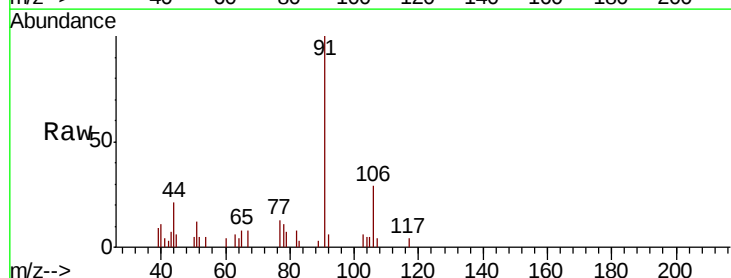
Instrument :
MSVOA_N
ClientSampled :
MW-A12

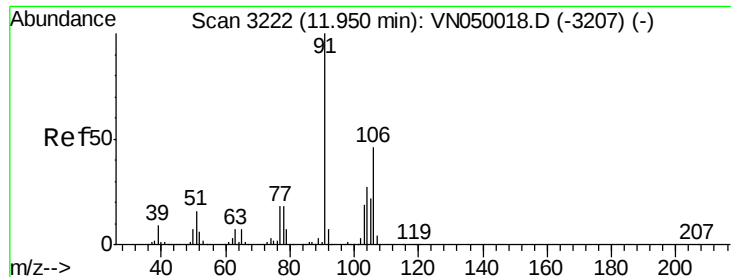
Tgt Ion: 117 Resp: 881982
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 31.5 26.1 39.1



#67
Ethyl Benzene
Concen: 0.228 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

Tgt Ion: 91 Resp: 8159
Ion Ratio Lower Upper
91 100
106 28.8 25.0 37.4

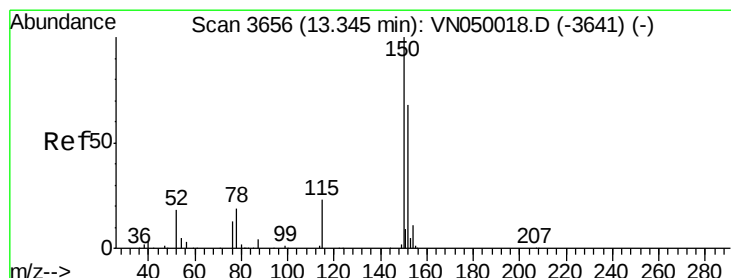
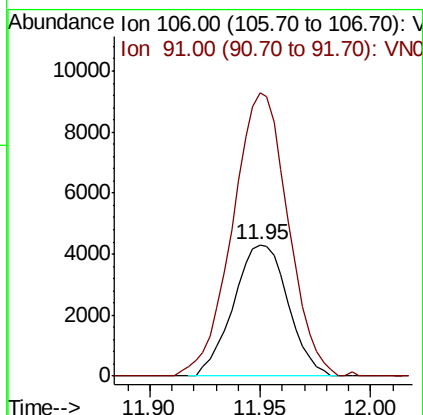
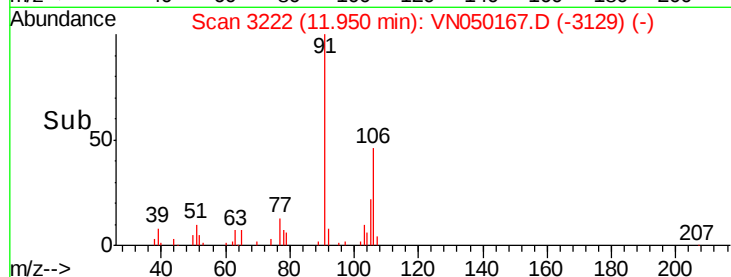
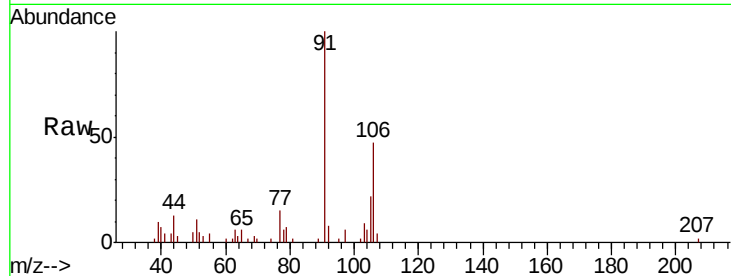




#69
o-Xylene
Concen: 0.570 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

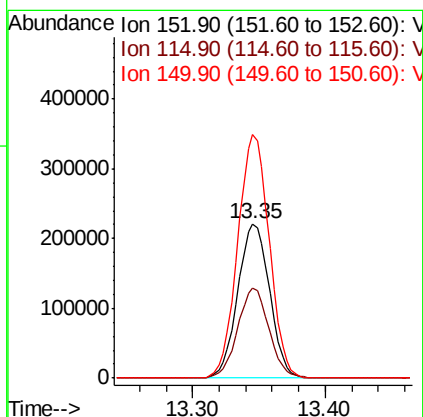
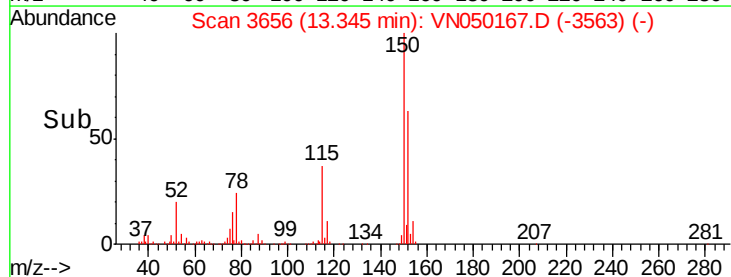
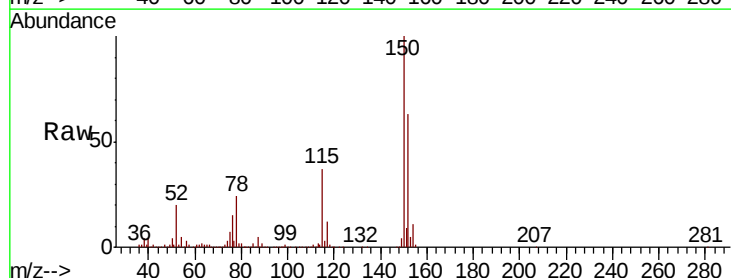
Instrument :
MSVOA_N
ClientSampled :
MW-A12

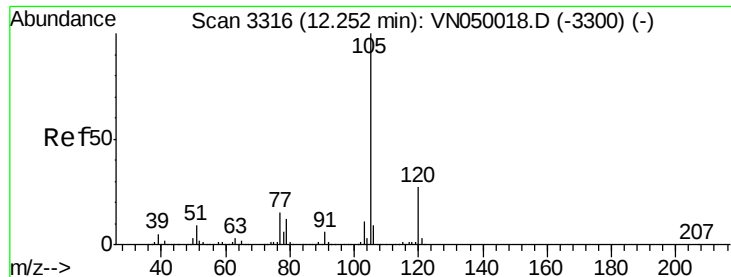
Tgt Ion:106 Resp: 7357
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

Tgt Ion:152 Resp: 367601
Ion Ratio Lower Upper
152 100
115 57.9 27.8 83.3
150 156.4 0.0 348.6





#73

Isopropylbenzene

Concen: 2.839 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050167.D

Acq: 28 Jul 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

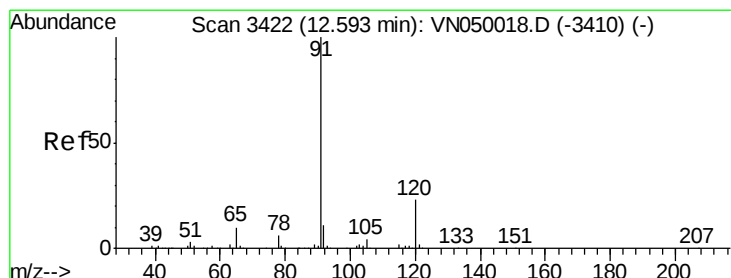
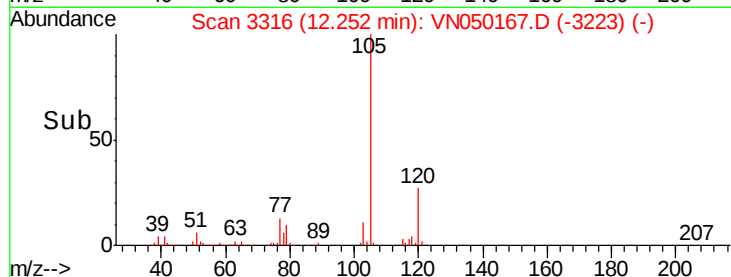
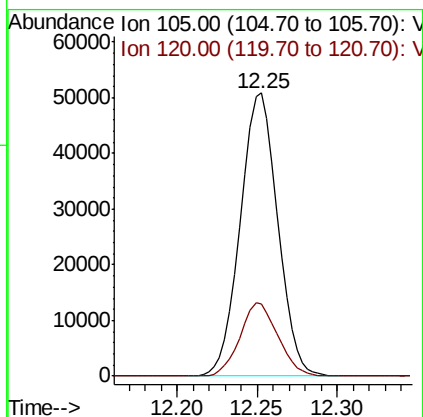
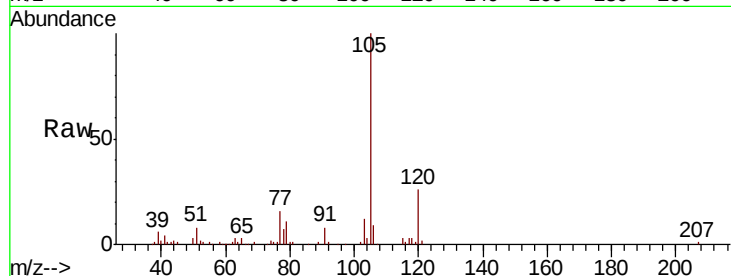
MW-A12

Tgt Ion:105 Resp: 80926

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#78

n-propylbenzene

Concen: 0.805 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050167.D

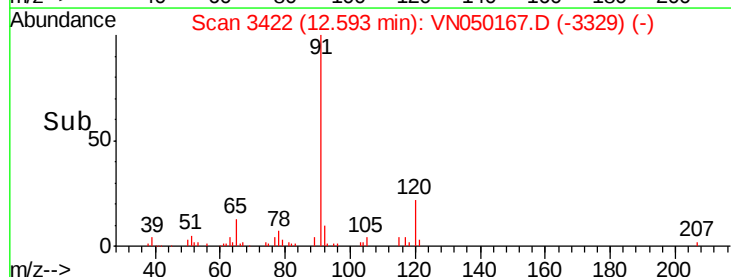
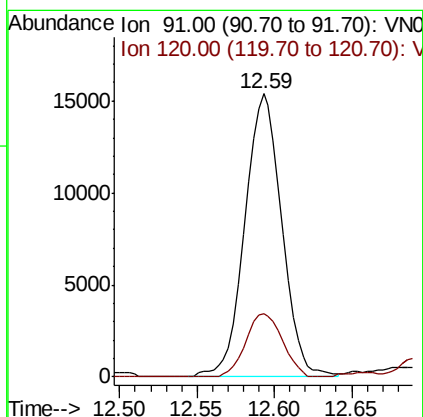
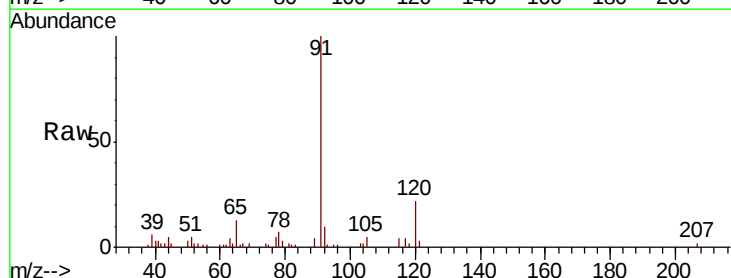
Acq: 28 Jul 2018 7:32

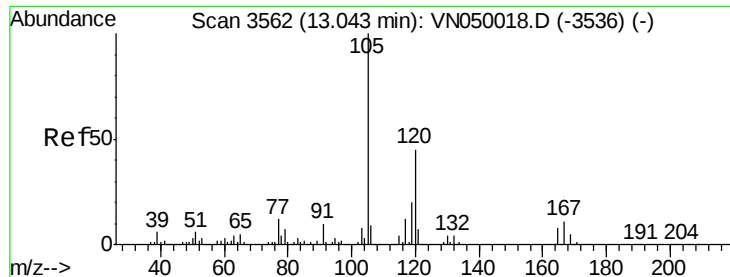
Tgt Ion: 91 Resp: 25638

Ion Ratio Lower Upper

91 100

120 22.1 11.6 34.7

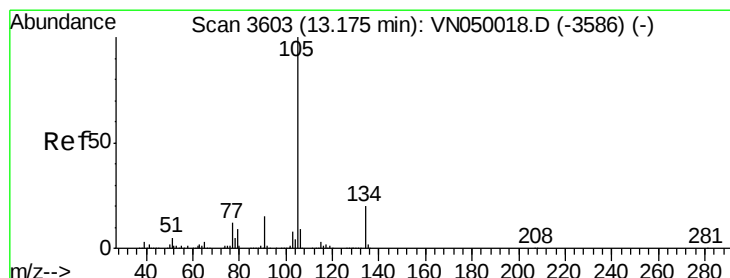
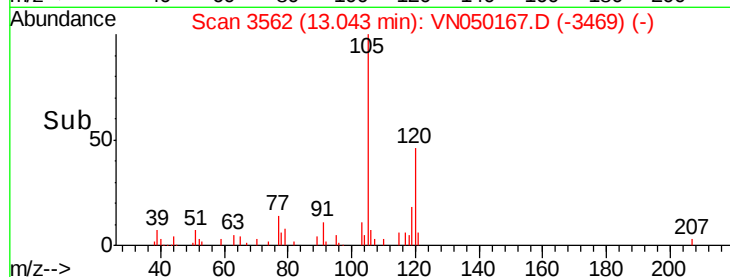
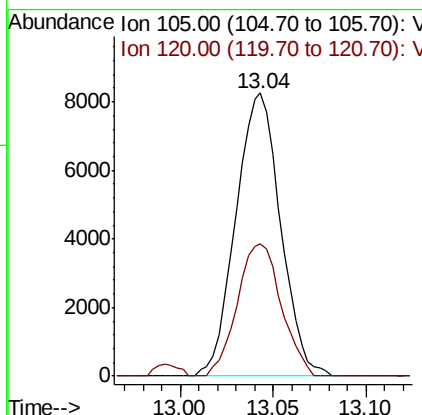
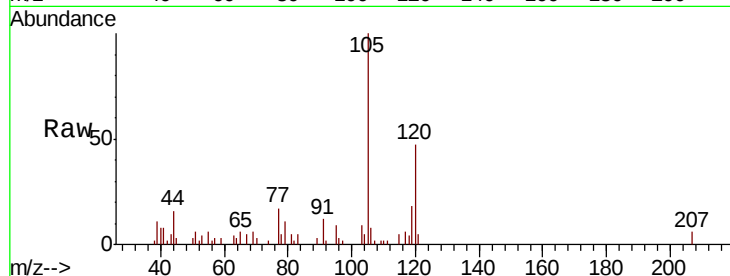




#84
 1,2,4-Trimethylbenzene
 Concen: 0.612 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050167.D
 Acq: 28 Jul 2018 7:32

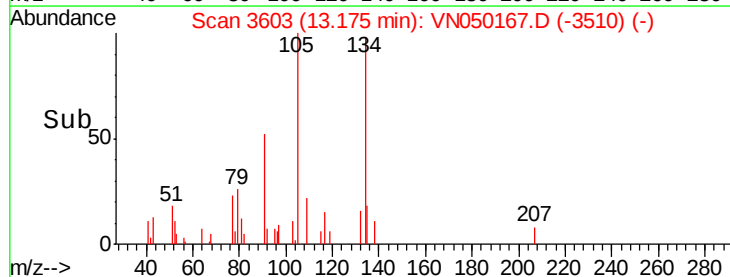
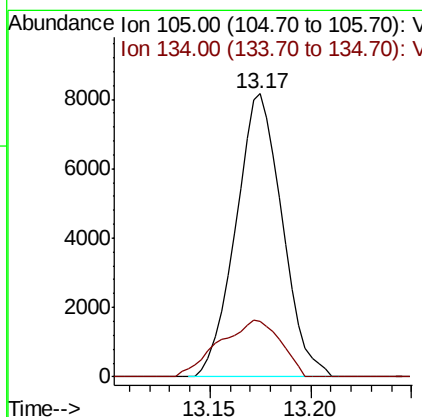
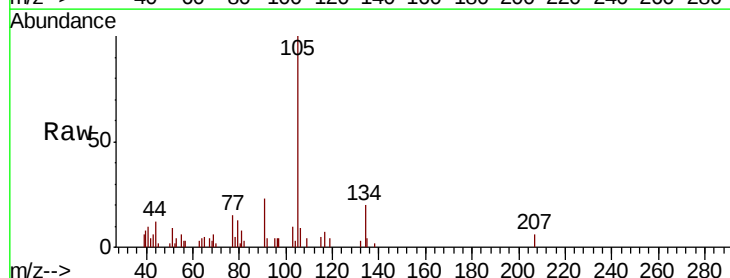
Instrument :
 MSVOA_N
 ClientSampled :
 MW-A12

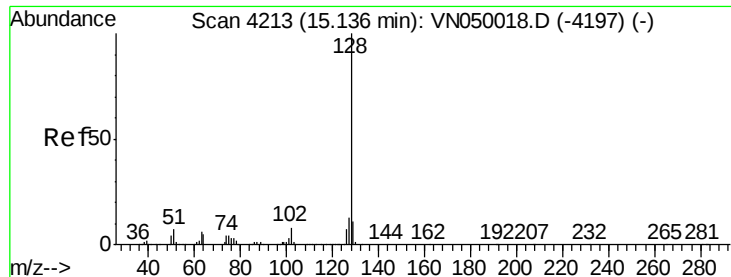
Tgt Ion:105 Resp: 13826
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 0.503 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050167.D
 Acq: 28 Jul 2018 7:32

Tgt Ion:105 Resp: 13140
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.1 30.1

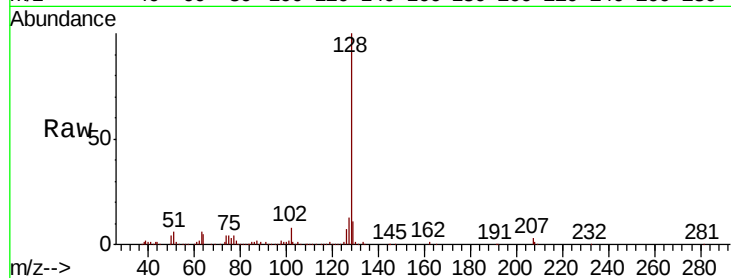




#95
Naphthalene
Concen: 14.571 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050167.D
Acq: 28 Jul 2018 7:32

Instrument :
MSVOA_N
ClientSampleId :
MW-A12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
150000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

