

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050106.D
 Acq On : 27 Jul 2018 2:00
 Operator : MD\SY
 Sample : J4163-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-18

Quant Time: Jul 27 04:44:59 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

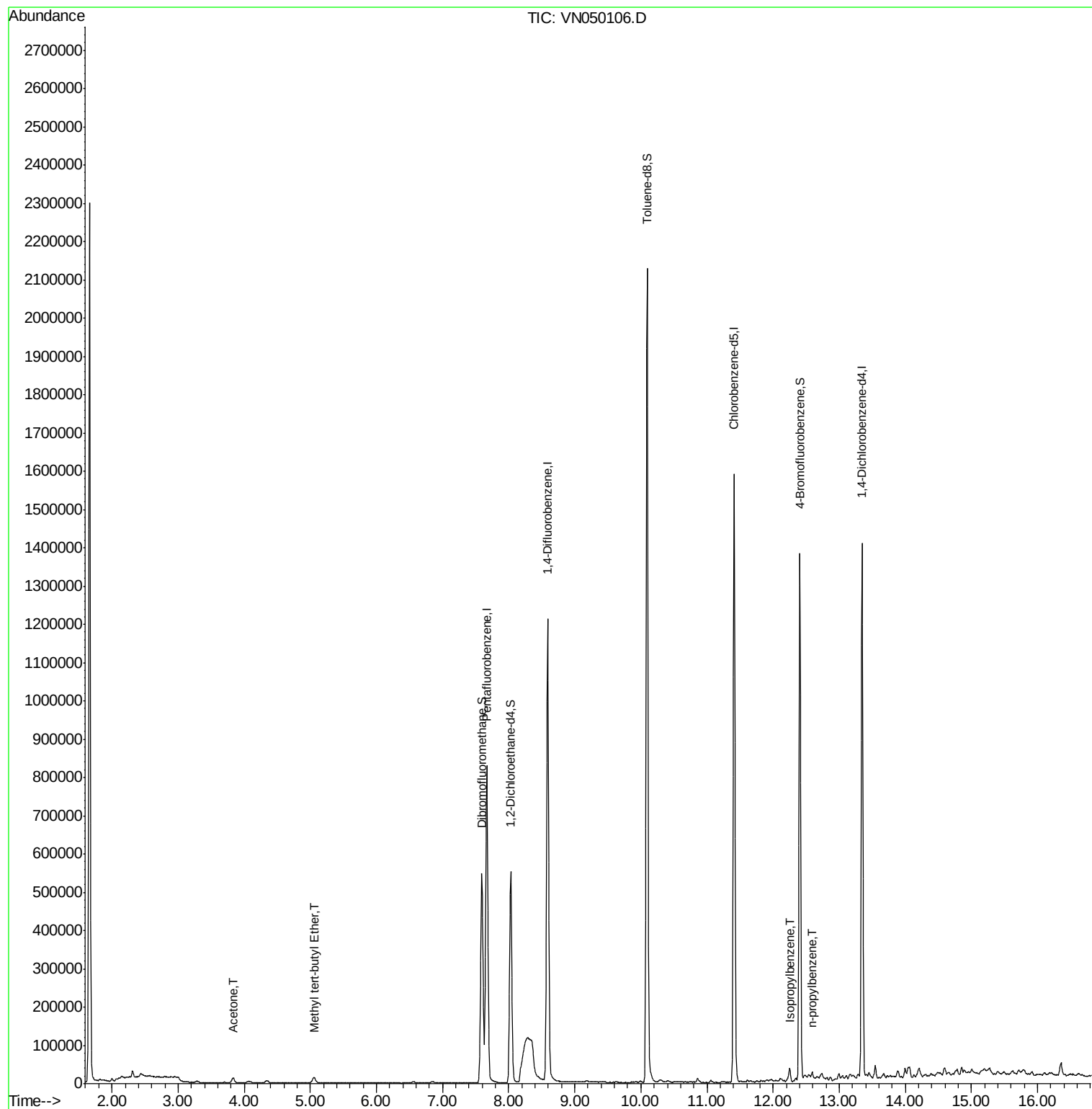
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	704913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1132954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	957000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	479701	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	7.59	113	427296	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	10.09	98	1543615	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.40	95	459826	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.12%	
Target Compounds						
16) Acetone	3.83	43	22364	5.41	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	22157	1.02	ug/l	96
73) Isopropylbenzene	12.25	105	20974	0.70	ug/l	100
78) n-propylbenzene	12.59	91	13379	0.40	ug/l	95

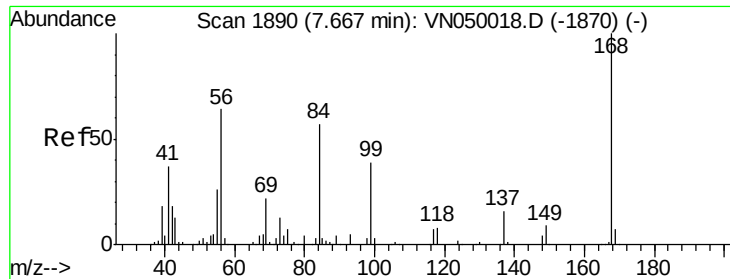
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050106.D

Acq: 27 Jul 2018 2:00

Instrument :

MSVOA_N

ClientSampled :

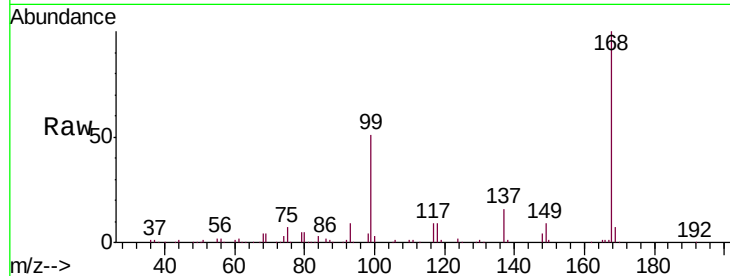
MW-18

Tot Ion:168 Resp: 704913

Ion Ratio Lower Upper

168 100

99 51.4 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

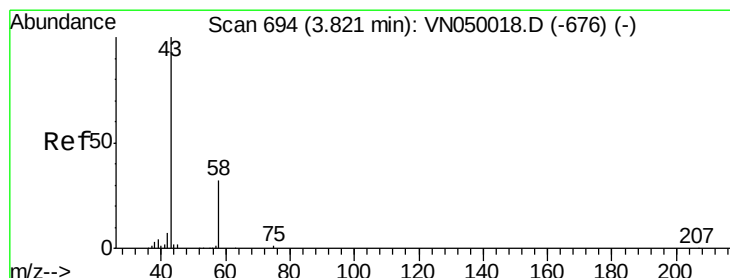
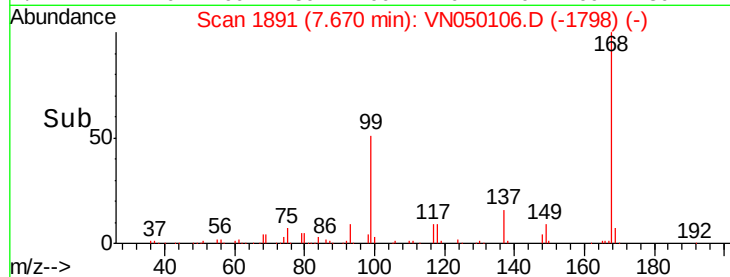
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.41 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050106.D

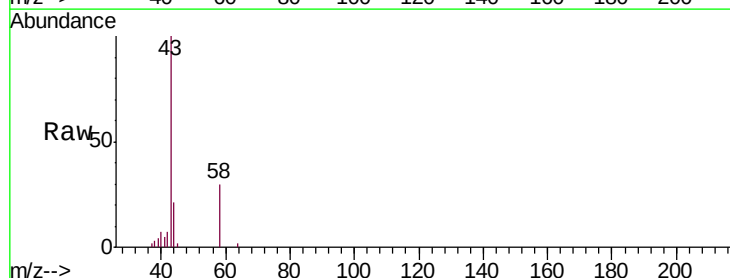
Acq: 27 Jul 2018 2:00

Tgt Ion: 43 Resp: 22364

Ion Ratio Lower Upper

43 100

58 30.9 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

10000

8000

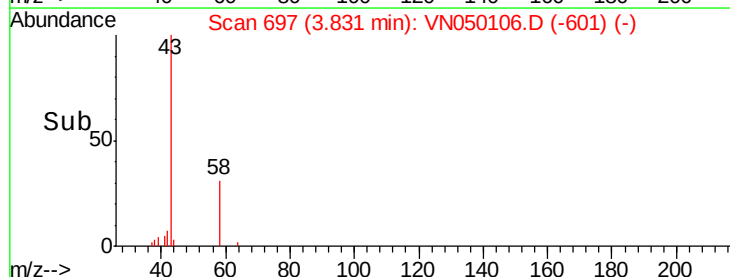
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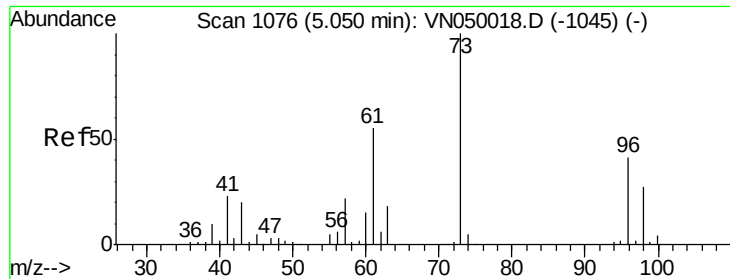
4000

2000

0

Time-->

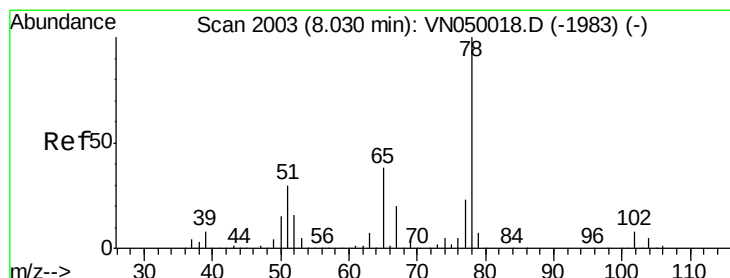
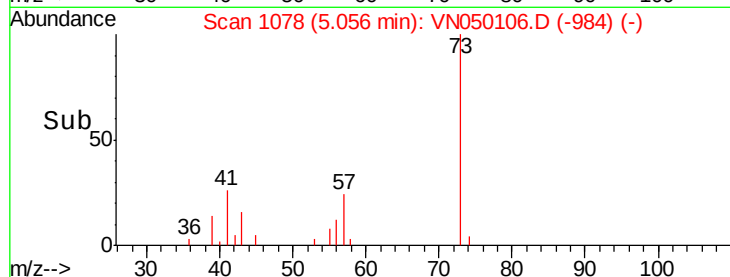
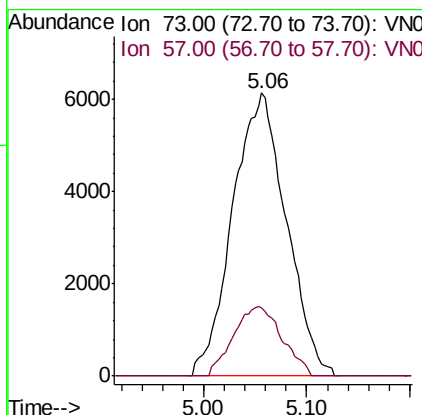
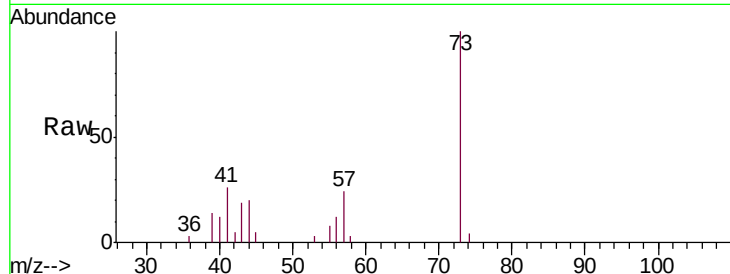




#19
Methyl tert-butyl Ether
Concen: 1.02 ug/l
RT: 5.06 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VN050106.D
Acq: 27 Jul 2018 2:00

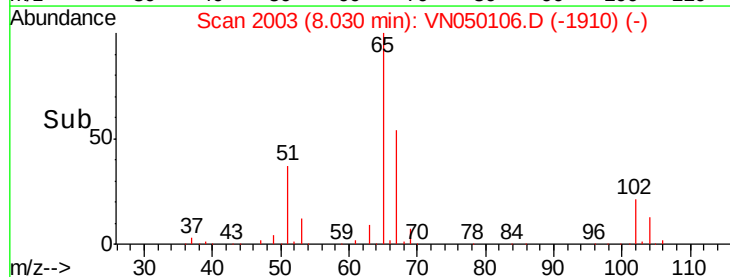
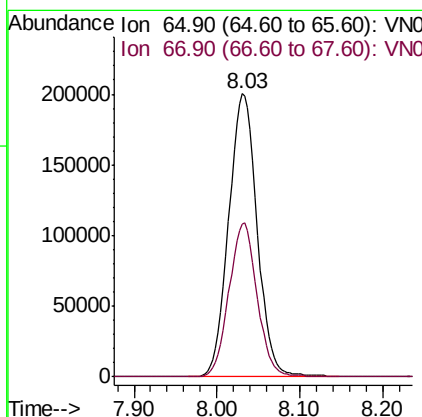
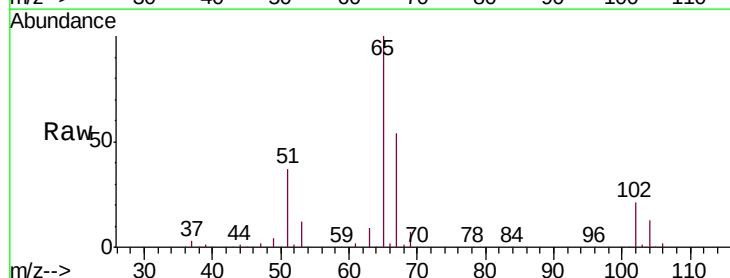
Instrument :
MSVOA_N
ClientSampled :
MW-18

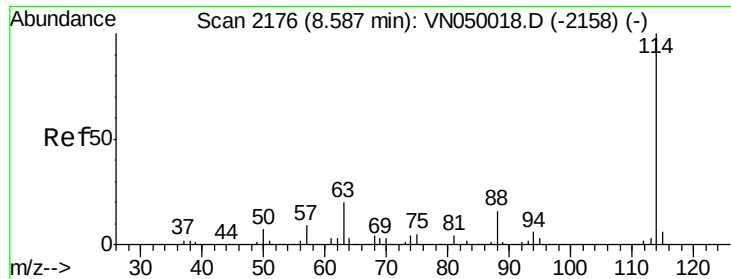
Tot Ion: 73 Resp: 22157
Ion Ratio Lower Upper
73 100
57 24.2 18.0 27.0



#33
1,2-Dichloroethane-d4
Concen: 48.77 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050106.D
Acq: 27 Jul 2018 2:00

Tgt Ion: 65 Resp: 479701
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4

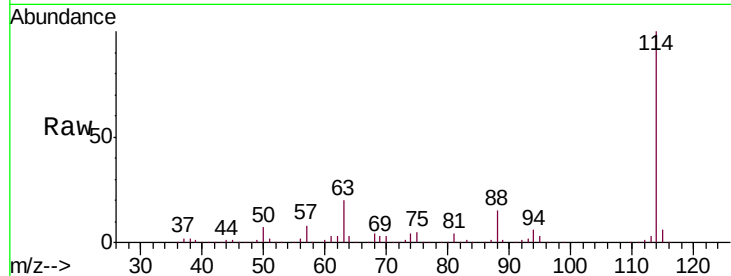




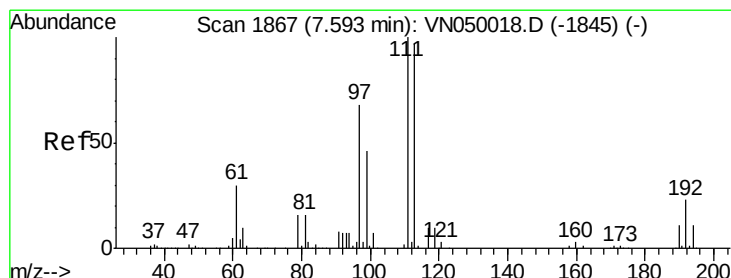
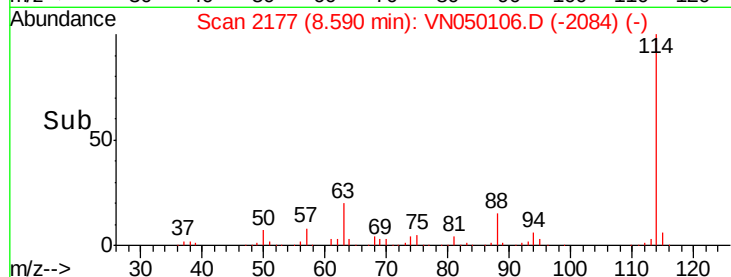
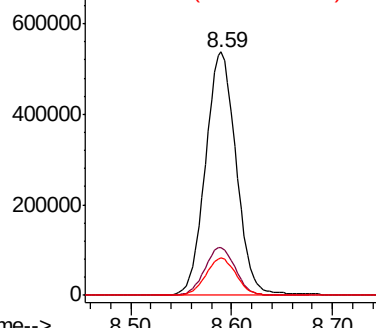
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050106.D
 Acq: 27 Jul 2018 2:00

Instrument :
 MSVOA_N
 ClientSampled :
 MW-18

Tot Ion:114 Resp: 1132954
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.2 0.0 31.2

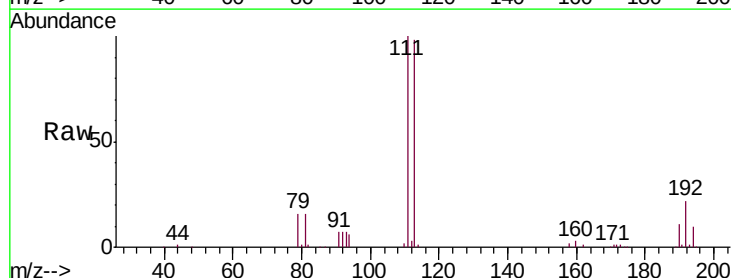


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

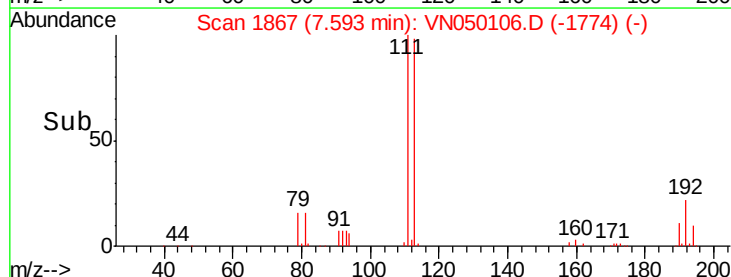
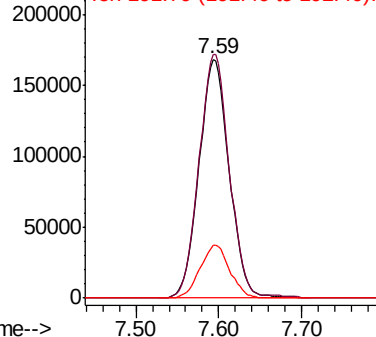


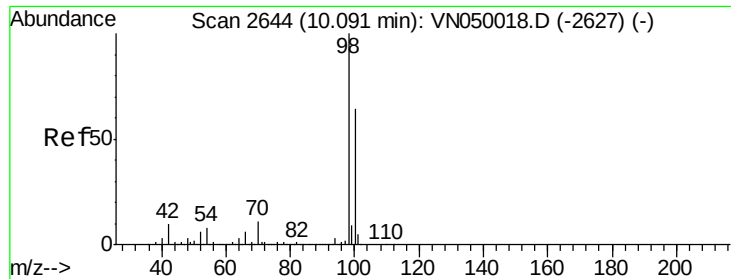
#35
 Dibromofluoromethane
 Concen: 46.19 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050106.D
 Acq: 27 Jul 2018 2:00

Tgt Ion:113 Resp: 427296
 Ion Ratio Lower Upper
 113 100
 111 102.5 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

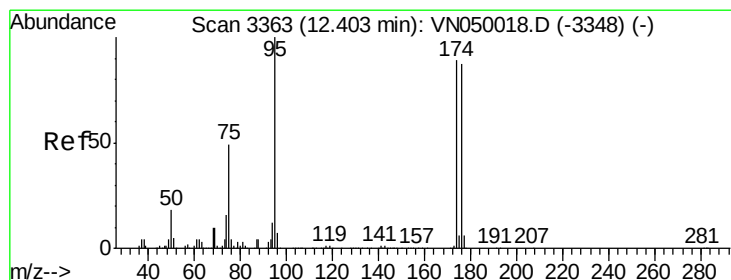
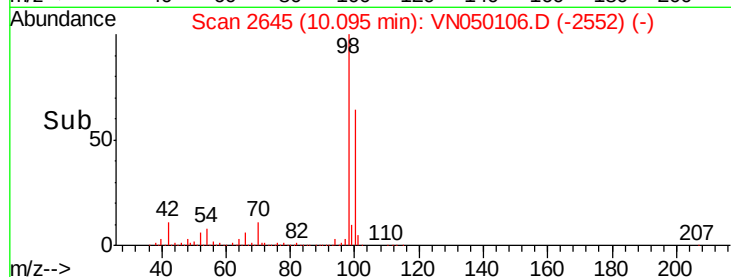
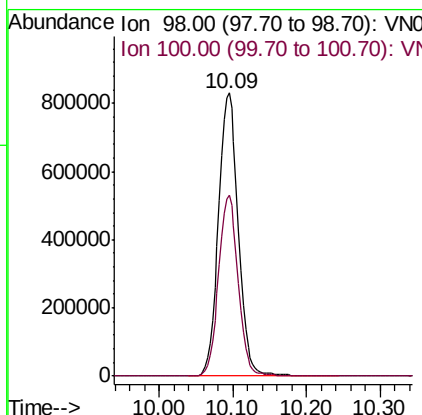
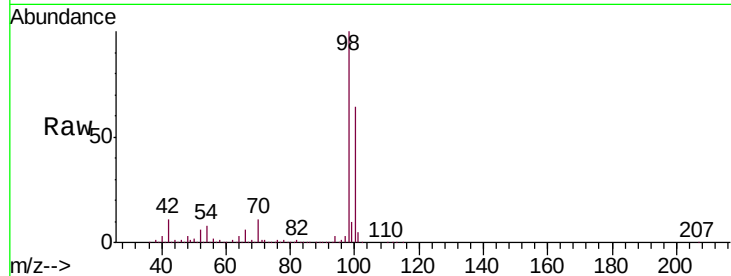




#50
Toluene-d8
Concen: 45.39 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050106.D
Acq: 27 Jul 2018 2:00

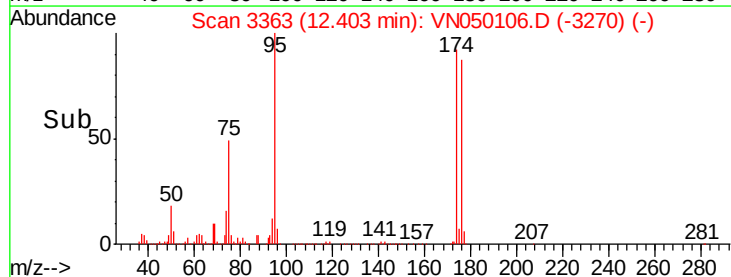
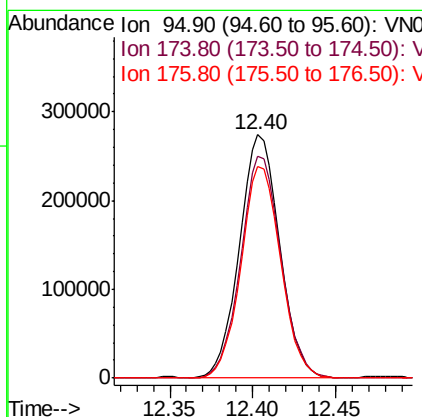
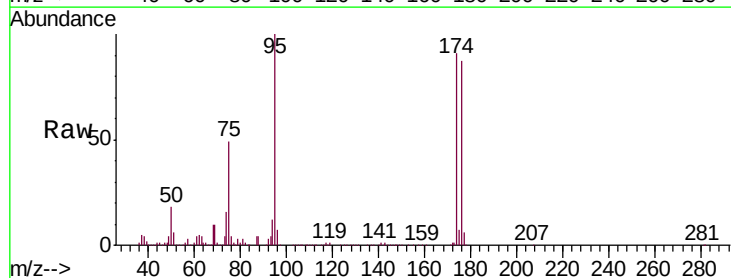
Instrument :
MSVOA_N
ClientSampleId :
MW-18

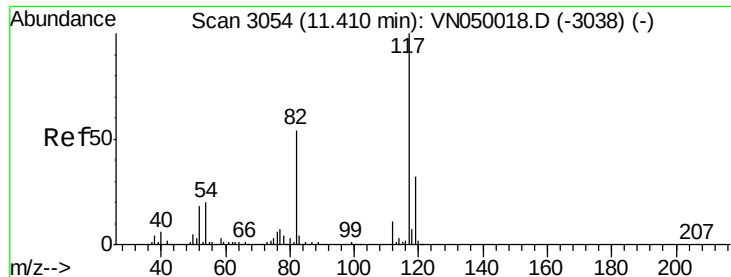
Tot Ion: 98 Resp: 1543615
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 41.06 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050106.D
Acq: 27 Jul 2018 2:00

Tgt Ion: 95 Resp: 459826
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 86.8 0.0 173.4

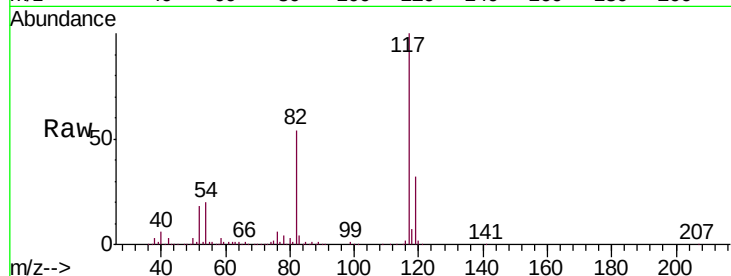




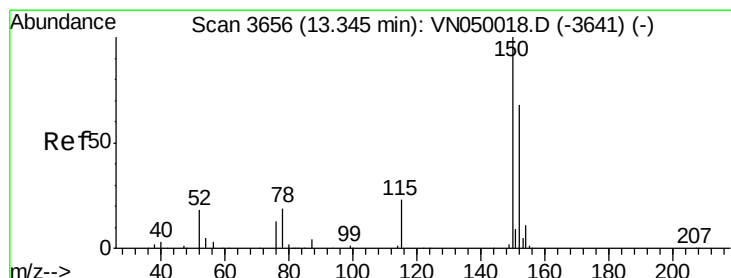
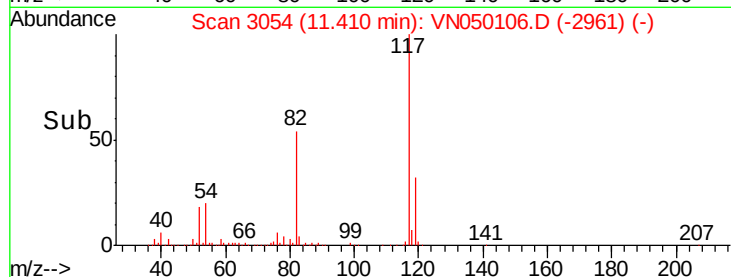
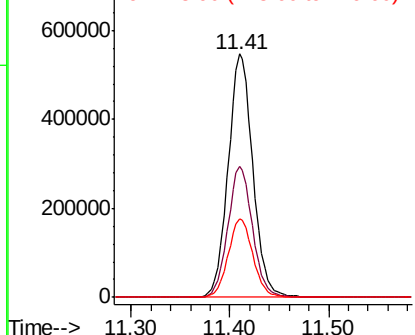
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050106.D
Acq: 27 Jul 2018 2:00

Instrument :
MSVOA_N
ClientSampled :
MW-18

Tot Ion:117 Resp: 957000
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.3 26.1 39.1

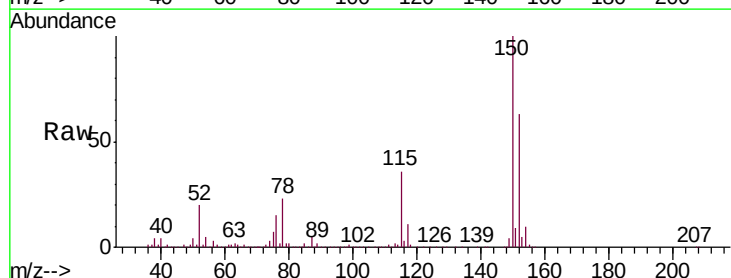


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

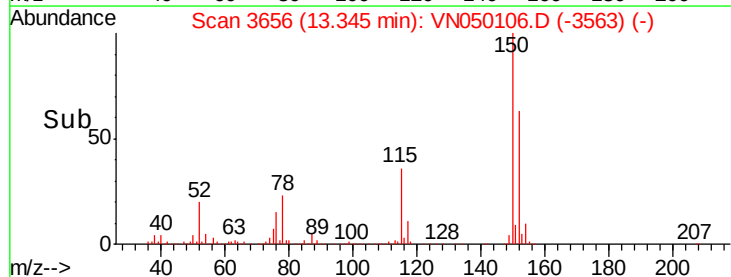
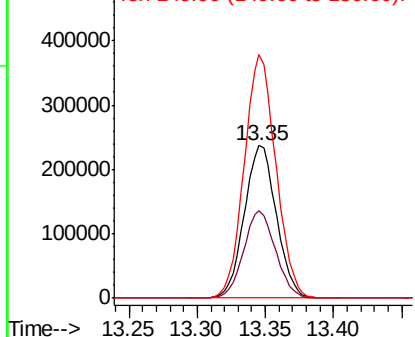


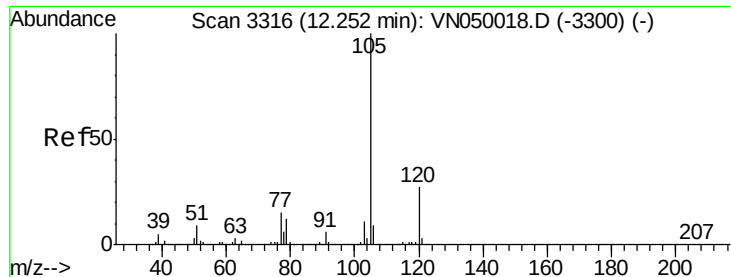
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050106.D
Acq: 27 Jul 2018 2:00

Tgt Ion:152 Resp: 387228
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 157.2 0.0 348.6



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: 0.70 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050106.D

Acq: 27 Jul 2018 2:00

Instrument :

MSVOA_N

ClientSampled :

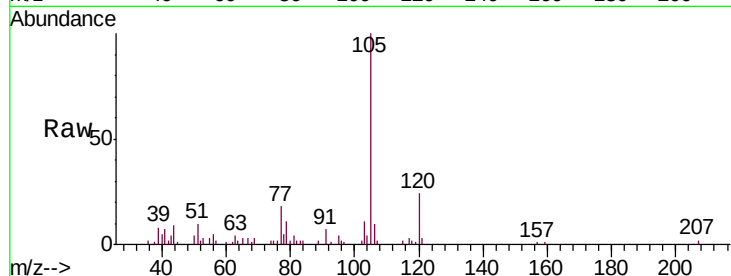
MW-18

Tot Ion:105 Resp: 20974

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

15000

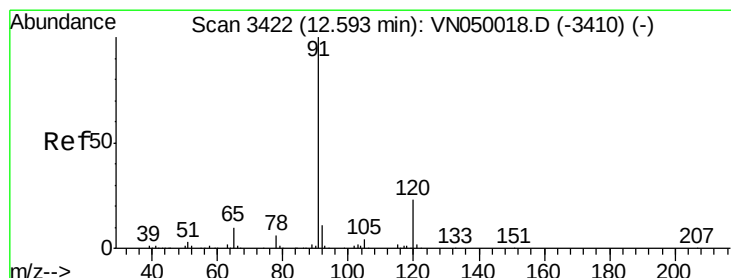
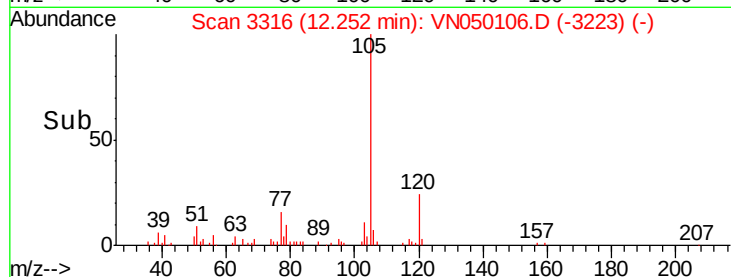
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5000

0

Time-->

12.20 12.25 12.30



#78

n-propylbenzene

Concen: 0.40 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050106.D

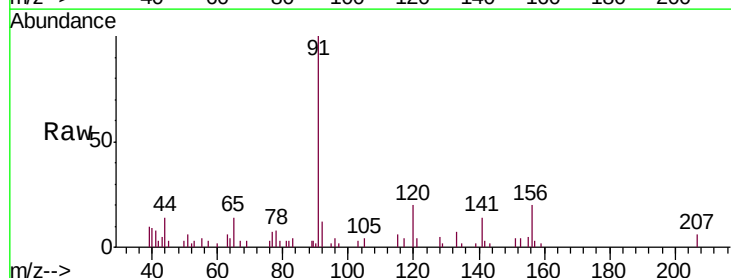
Acq: 27 Jul 2018 2:00

Tgt Ion: 91 Resp: 13379

Ion Ratio Lower Upper

91 100

120 20.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V

12.59

8000

6000

4000

2000

0

Time-->

12.55 12.60 12.65

