

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050117.D
 Acq On : 27 Jul 2018 6:33
 Operator : MD\SY
 Sample : J4184-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B

Quant Time: Jul 27 08:28:10 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	776947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1204400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1015703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	407451	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	495909	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
35) Dibromofluoromethane	7.59	113	445787	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
50) Toluene-d8	10.09	98	1636656	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.40	95	482010	40.49	ug/l	0.00
Spiked Amount			Recovery	=	80.98%	

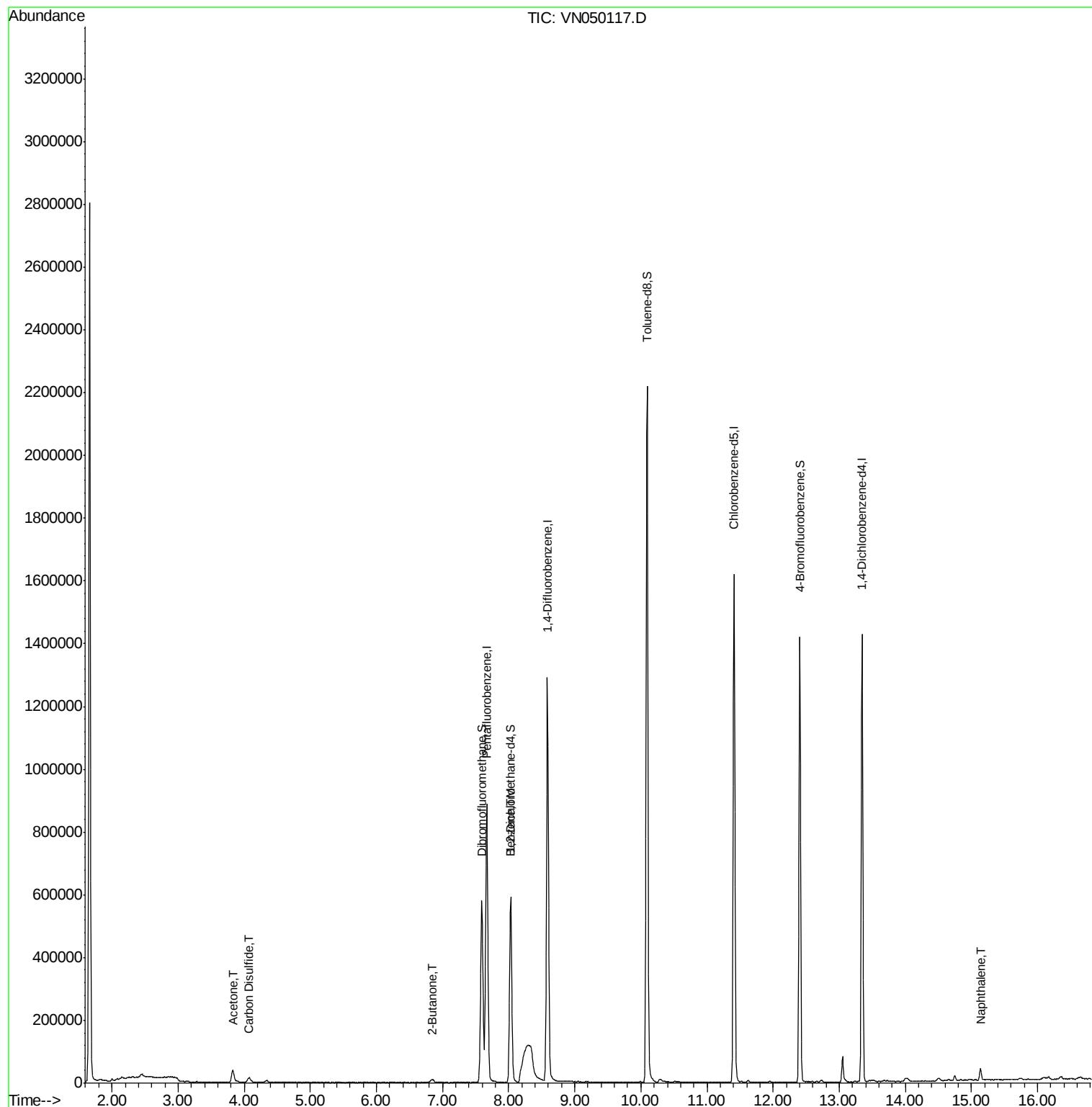
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	68711	22.97	ug/l	98
17) Carbon Disulfide	4.05	76	11286	0.41	ug/l	96
25) 2-Butanone	6.85	43	8530	2.06	ug/l	91
40) Benzene	8.04	78	20401	0.49	ug/l	96
95) Naphthalene	15.14	128	32227	5.99	ug/l	98

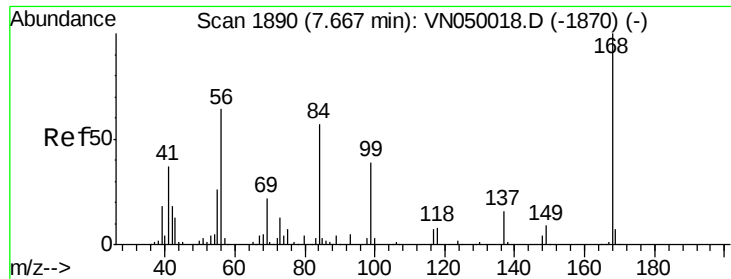
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050117.D

Acq: 27 Jul 2018 6:33

Instrument :

MSVOA_N

ClientSampled :

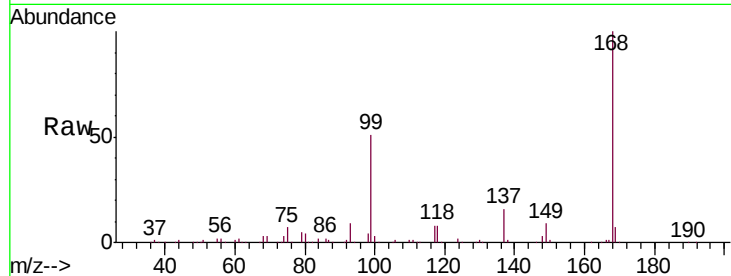
MW-1B

Tot Ion:168 Resp: 776947

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

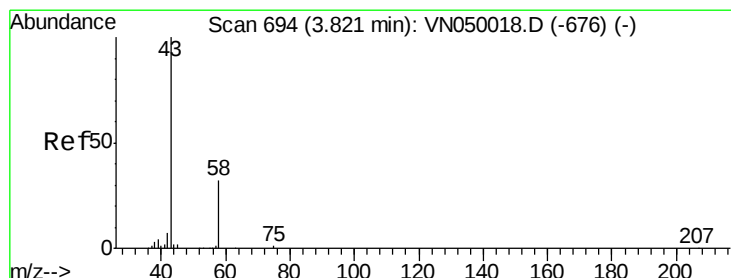
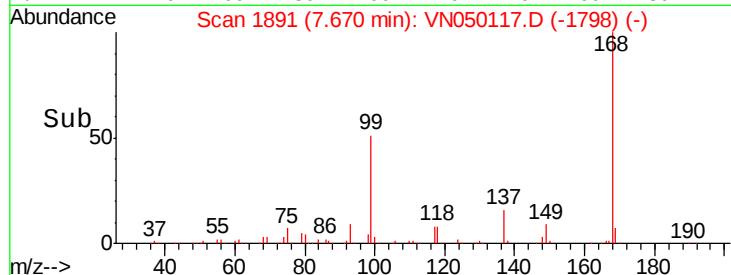
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 22.97 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050117.D

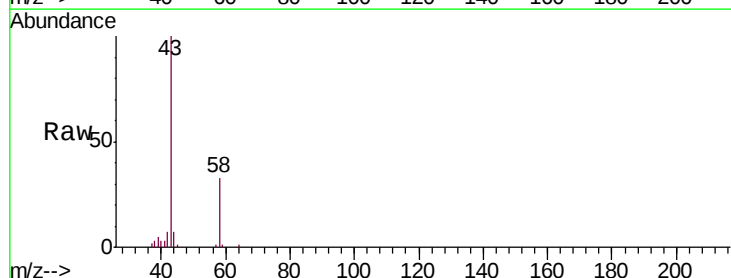
Acq: 27 Jul 2018 6:33

Tgt Ion: 43 Resp: 68711

Ion Ratio Lower Upper

43 100

58 33.5 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

30000

25000

20000

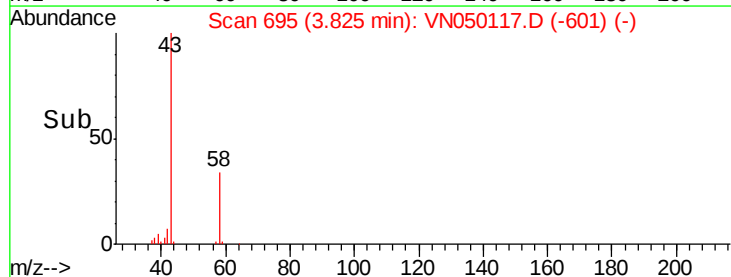
15000

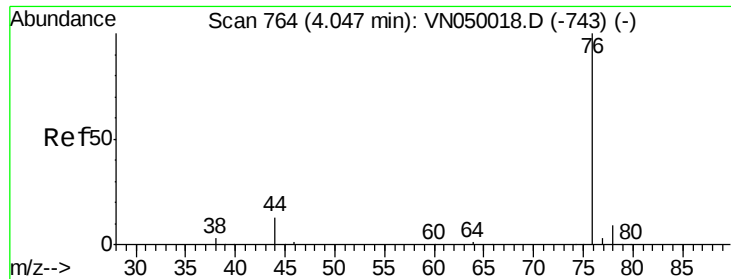
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

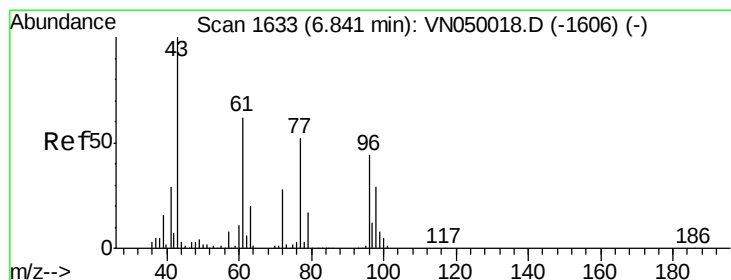
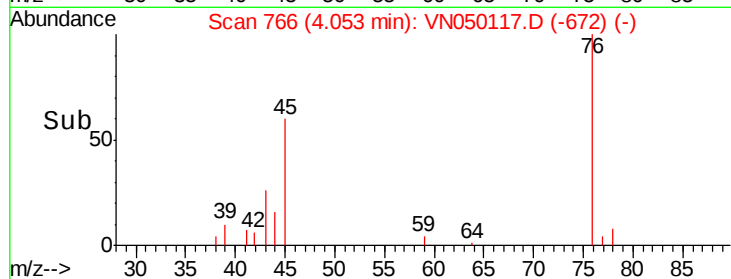
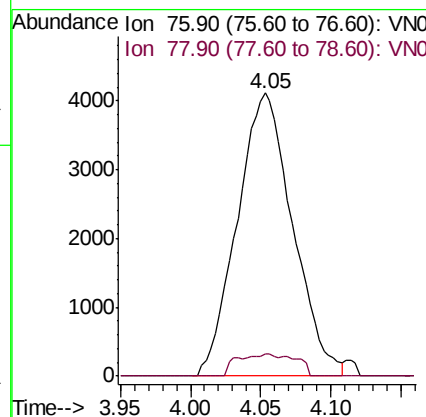
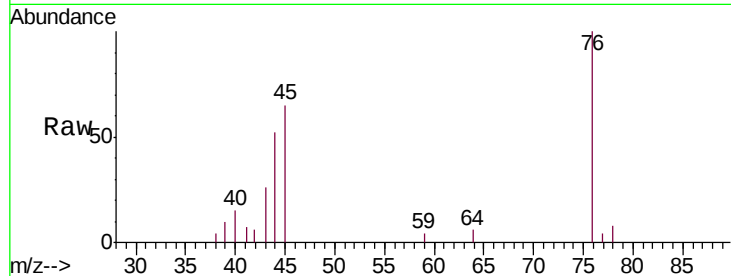




#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050117.D
Acq: 27 Jul 2018 6:33

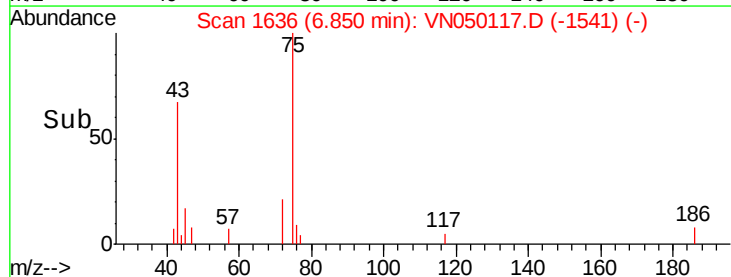
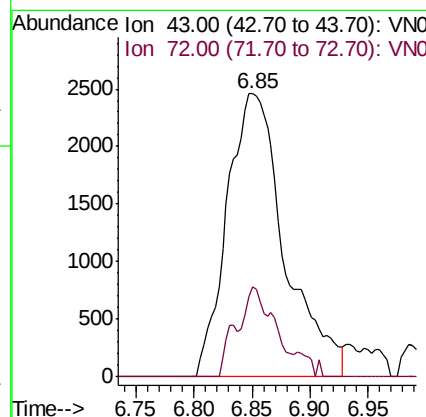
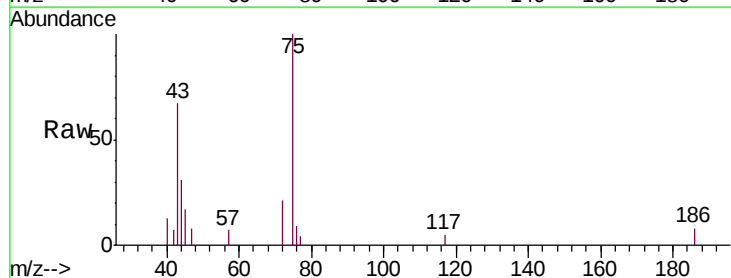
Instrument :
MSVOA_N
ClientSampled :
MW-1B

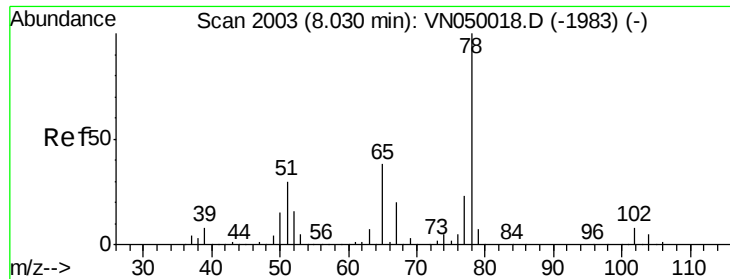
Tot Ion: 76 Resp: 11286
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#25
2-Butanone
Concen: 2.06 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050117.D
Acq: 27 Jul 2018 6:33

Tgt Ion: 43 Resp: 8530
Ion Ratio Lower Upper
43 100
72 31.7 21.5 32.3

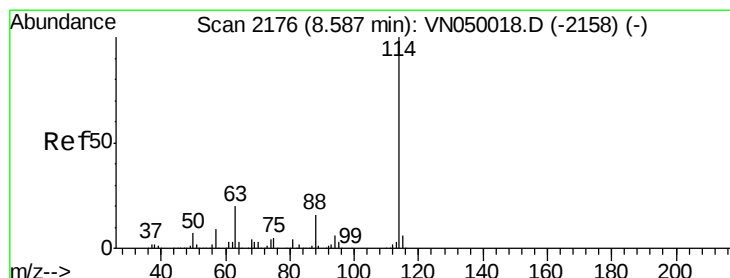
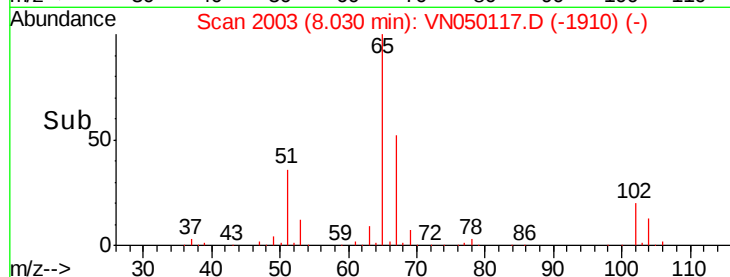
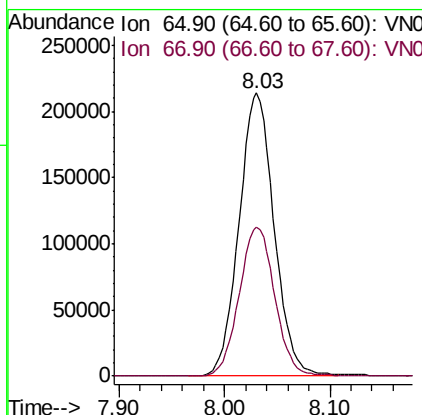
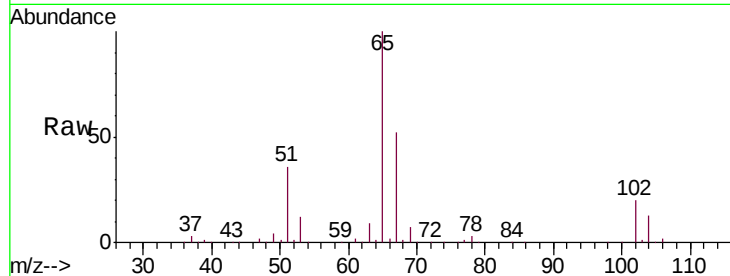




#33
 1,2-Dichloroethane-d4
 Concen: 45.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050117.D
 Acq: 27 Jul 2018 6:33

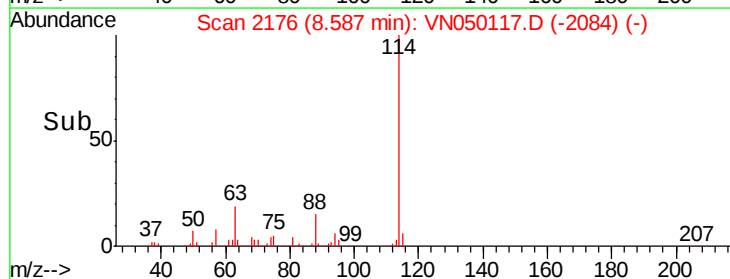
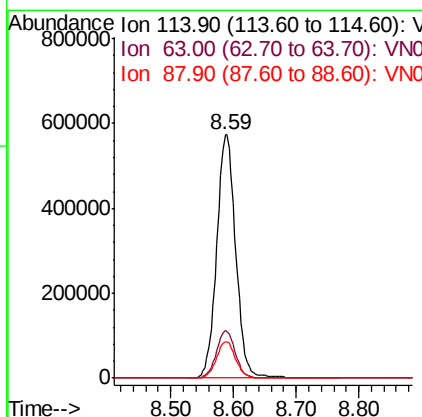
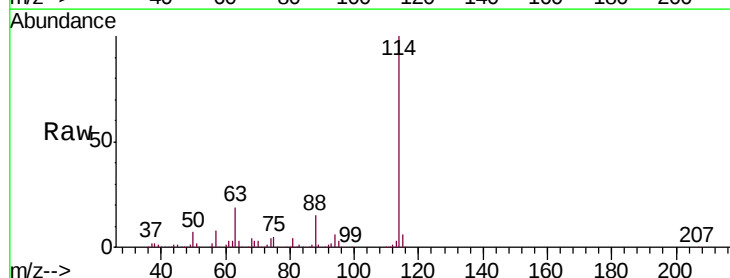
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B

Tot Ion: 65 Resp: 495909
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050117.D
 Acq: 27 Jul 2018 6:33

Tgt Ion: 114 Resp: 1204400
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.1 0.0 31.2

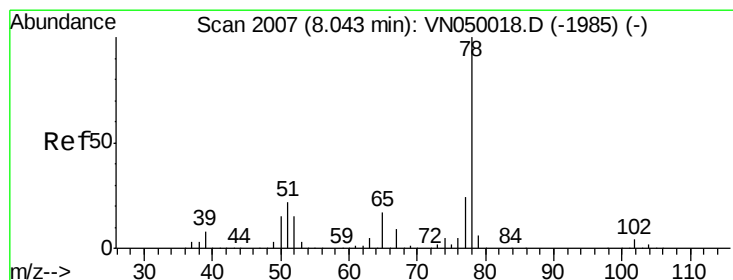
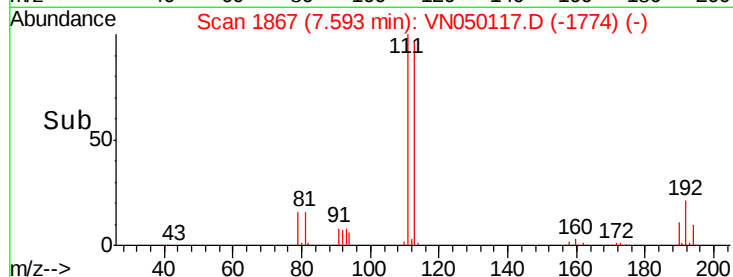
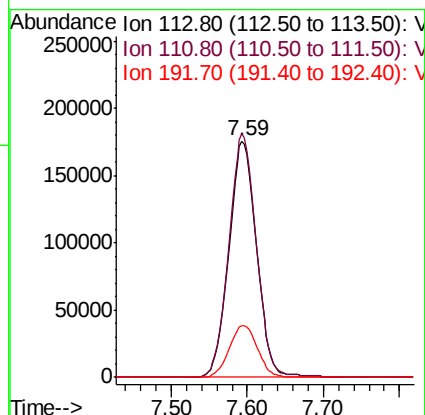
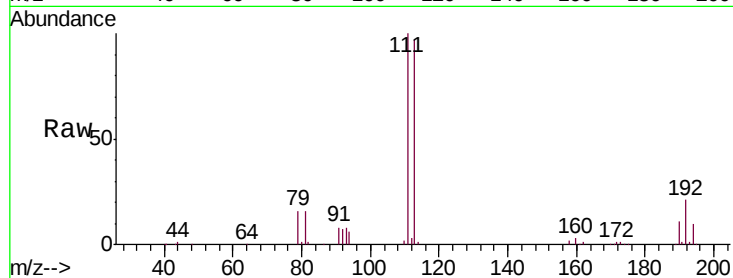




#35
 Dibromofluoromethane
 Concen: 45.33 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050117.D
 Acq: 27 Jul 2018 6:33

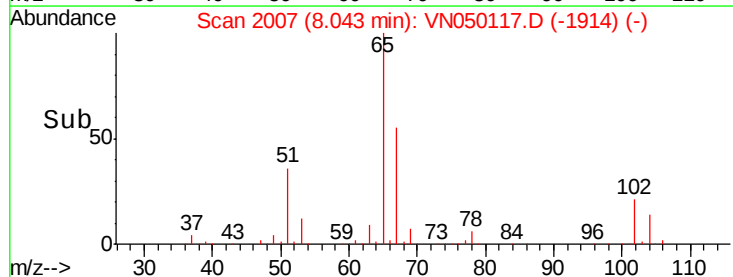
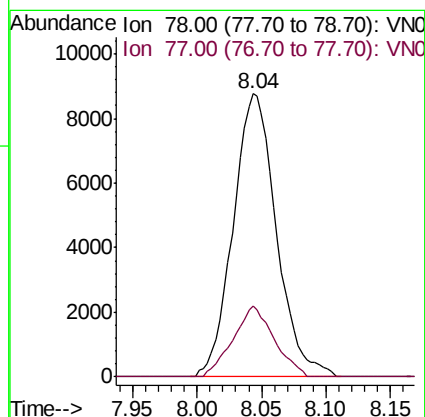
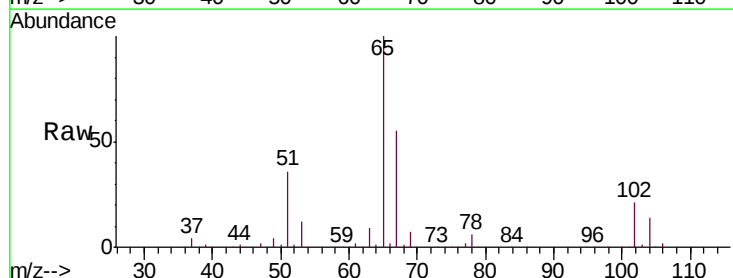
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B

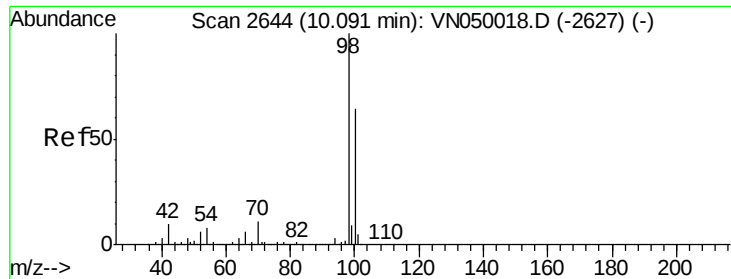
Tot Ion:113 Resp: 445787
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.4 17.8 26.6



#40
 Benzene
 Concen: 0.49 ug/l
 RT: 8.04 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: VN050117.D
 Acq: 27 Jul 2018 6:33

Tgt Ion: 78 Resp: 20401
 Ion Ratio Lower Upper
 78 100
 77 25.2 18.7 28.1





#50

Toluene-d8

Concen: 45.27 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050117.D

Acq: 27 Jul 2018 6:33

Instrument :

MSVOA_N

ClientSampled :

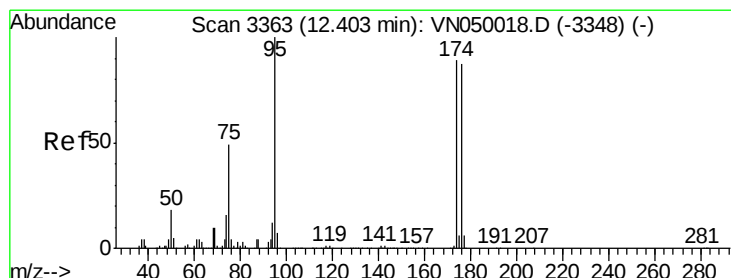
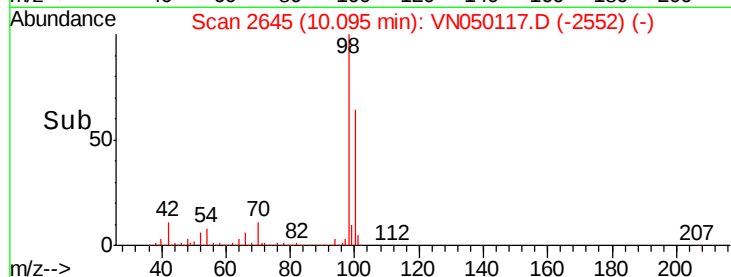
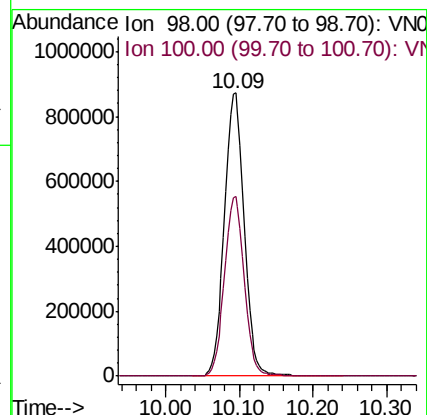
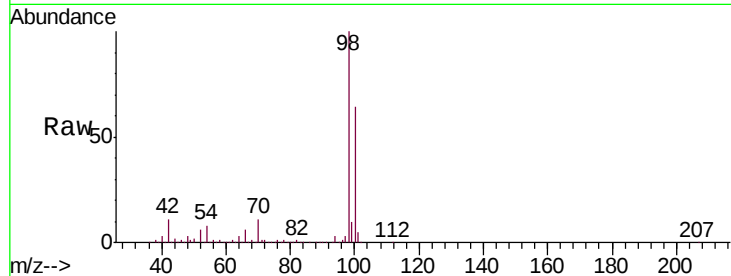
MW-1B

Tot Ion: 98 Resp: 1636656

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 40.49 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050117.D

Acq: 27 Jul 2018 6:33

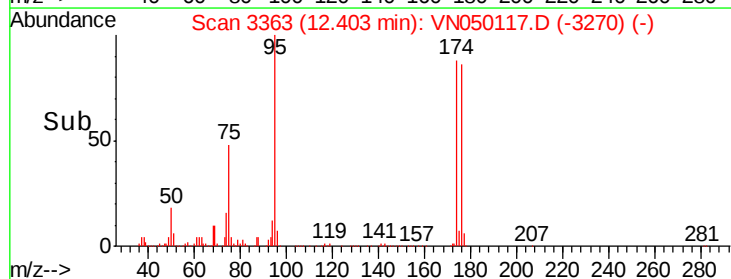
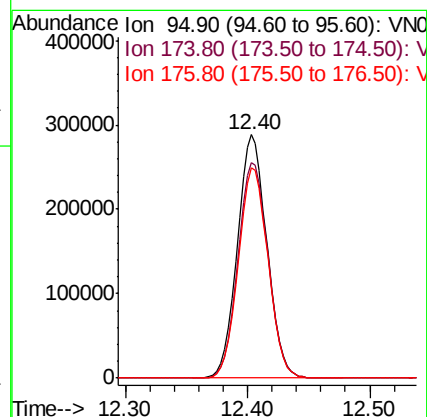
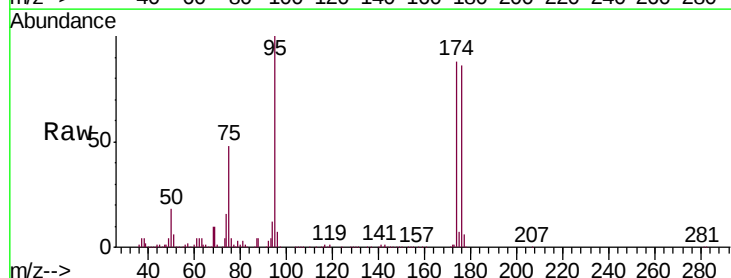
Tgt Ion: 95 Resp: 482010

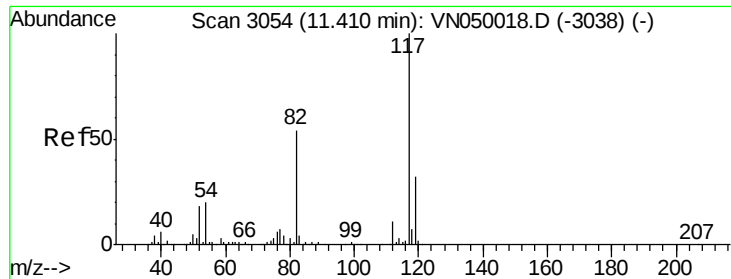
Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.2

176 87.4 0.0 173.4

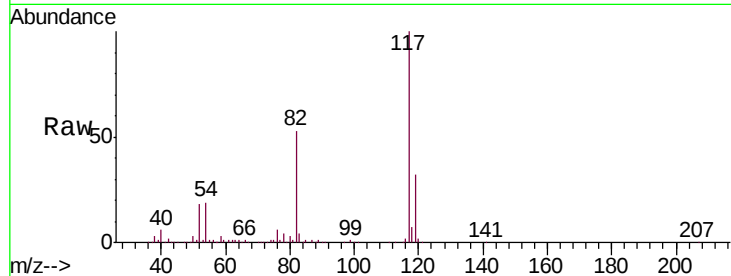




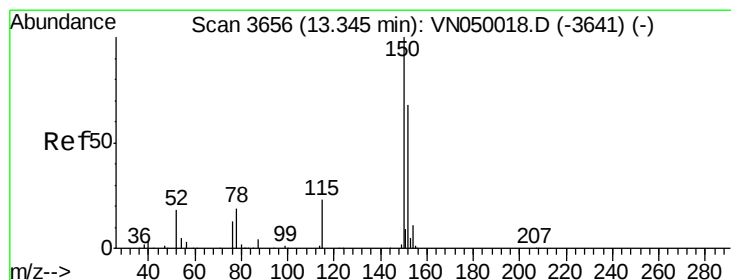
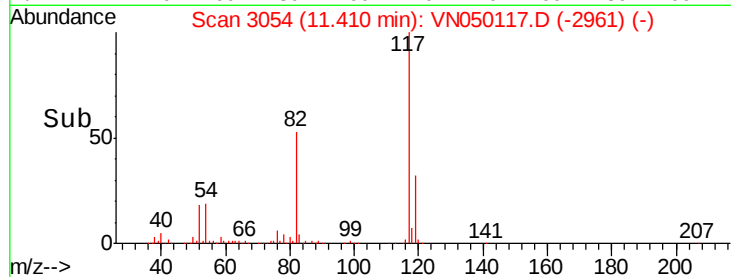
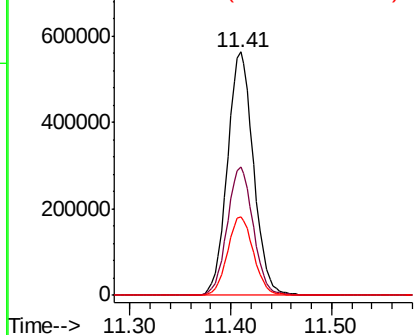
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050117.D
Acq: 27 Jul 2018 6:33

Instrument :
MSVOA_N
ClientSampleId :
MW-1B

Tot Ion:117 Resp: 1015703
Ion Ratio Lower Upper
117 100
82 52.7 43.7 65.5
119 32.5 26.1 39.1

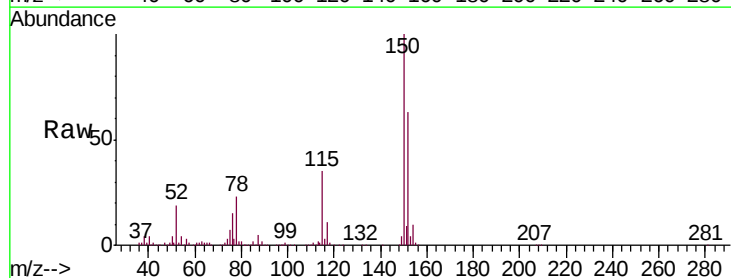


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

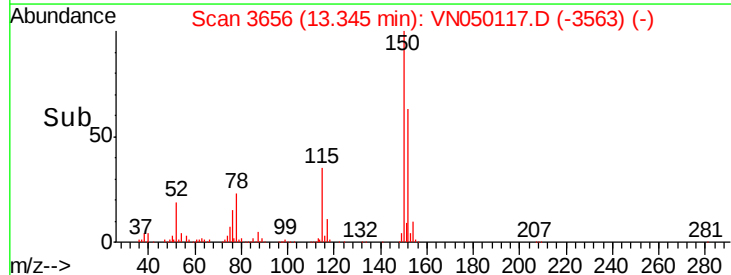
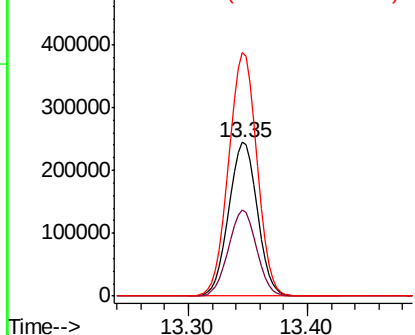


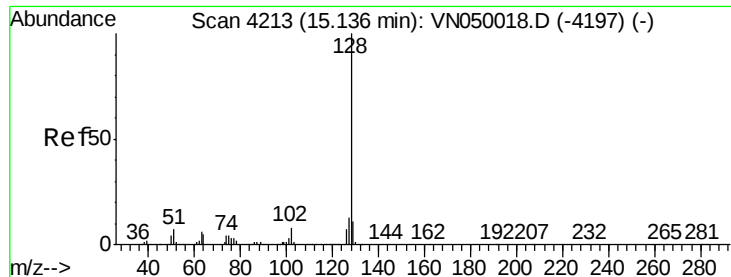
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050117.D
Acq: 27 Jul 2018 6:33

Tgt Ion:152 Resp: 407451
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.3
150 157.0 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

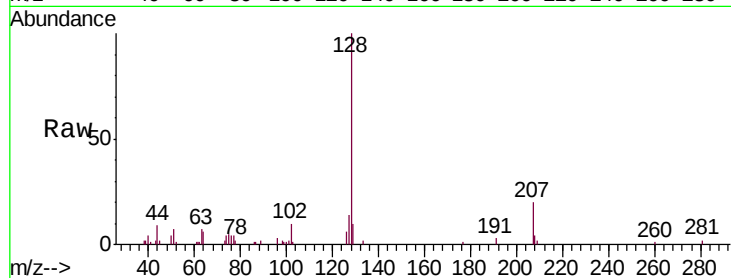




#95
Naphthalene
Concen: 5.99 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050117.D
Acq: 27 Jul 2018 6:33

Instrument :
MSVOA_N
ClientSampleId :
MW-1B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	10.7	8.8	13.2



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

