

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072718\
 Data File : VN050164.D
 Acq On : 28 Jul 2018 6:18
 Operator : MD\SY
 Sample : J4199-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30

Quant Time: Aug 02 02:09:03 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

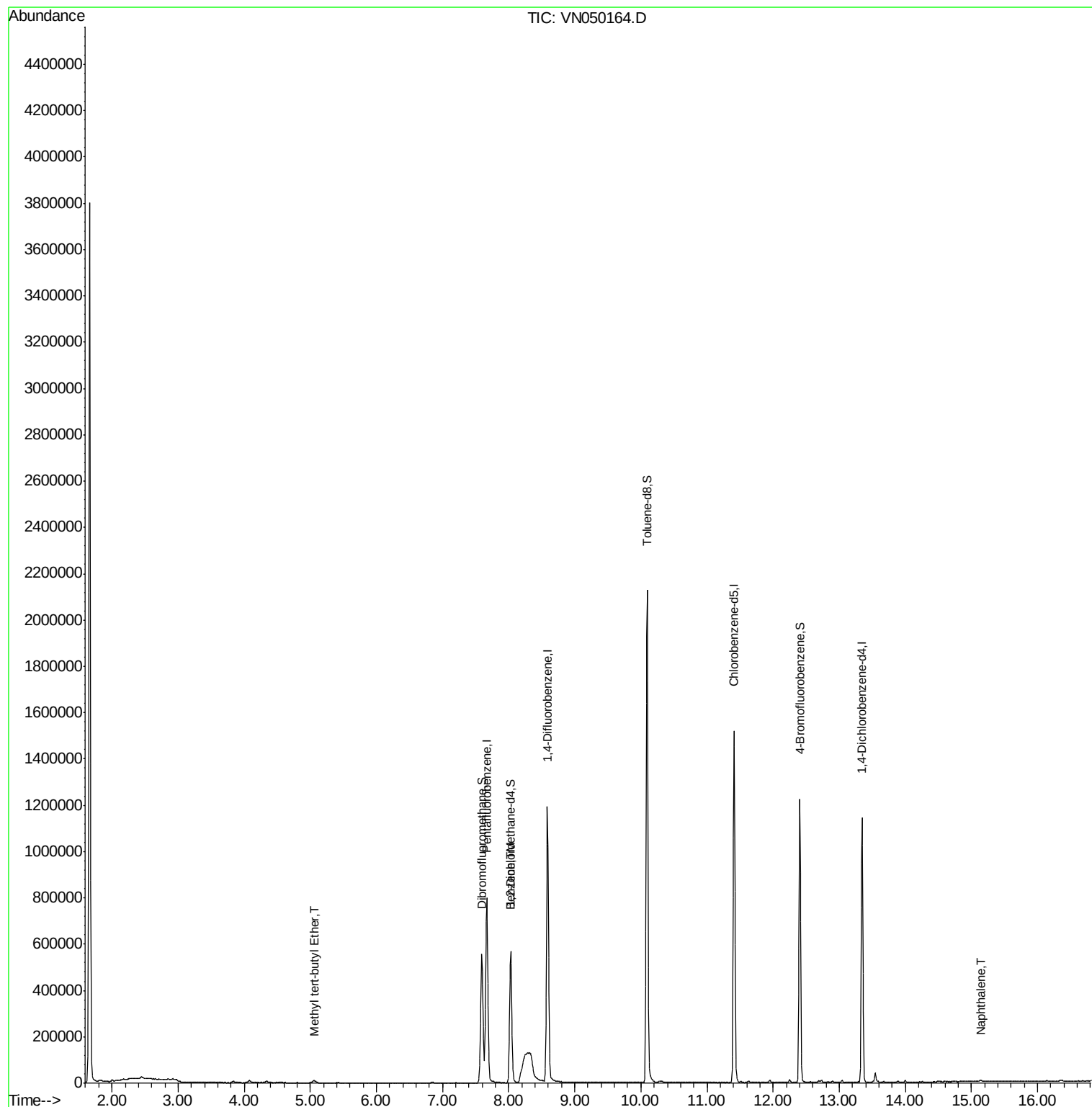
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	672295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1120339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	468516	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	7.59	113	425109	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	10.09	98	1509398	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	413568	37.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.70%	
Target Compounds						
19) Methyl tert-butyl Ether	5.06	73	13449	0.651	ug/l	100
40) Benzene	8.04	78	15056	0.392	ug/l	97
95) Naphthalene	15.14	128	5727	4.759	ug/l	97

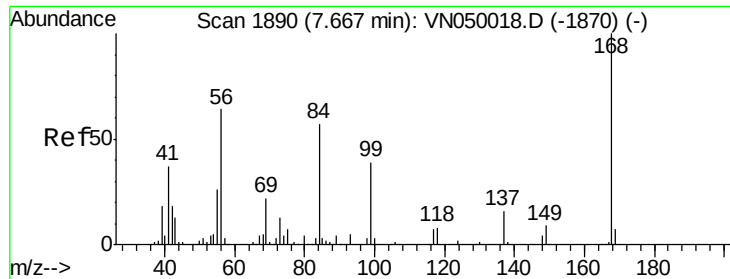
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050164.D

Acq: 28 Jul 2018 6:18

Instrument :

MSVOA_N

ClientSampled :

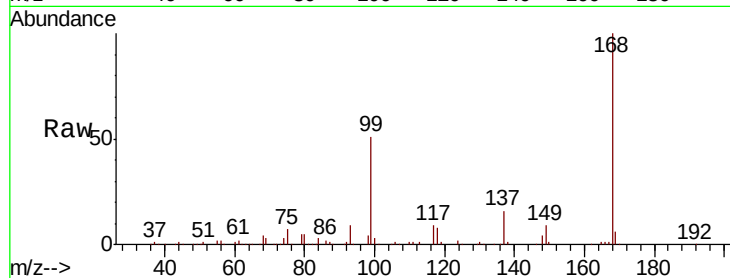
MW-30

Tgt Ion:168 Resp: 672295

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

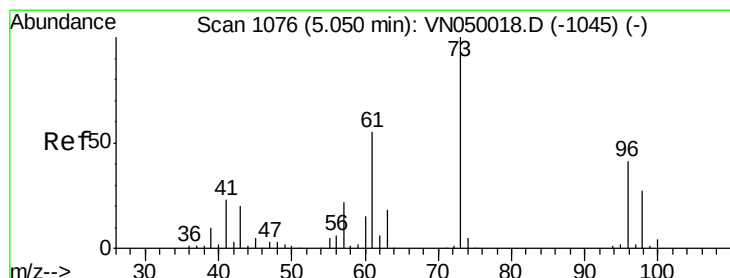
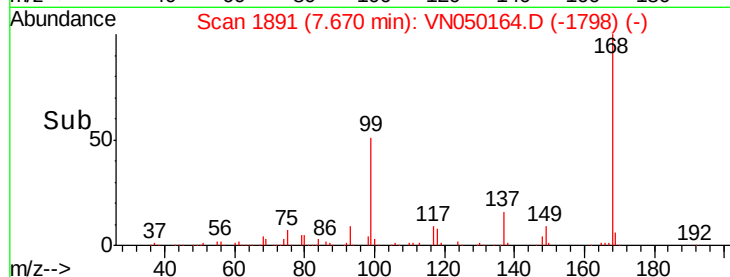
300000

200000

100000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.651 ug/l

RT: 5.06 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VN050164.D

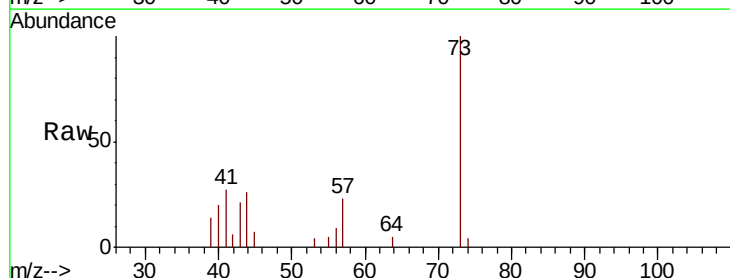
Acq: 28 Jul 2018 6:18

Tgt Ion: 73 Resp: 13449

Ion Ratio Lower Upper

73 100

57 22.7 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.06

4000

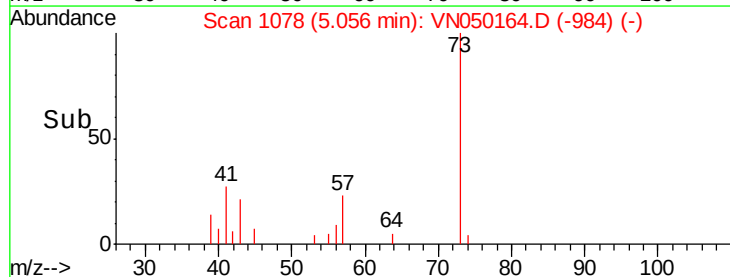
3000

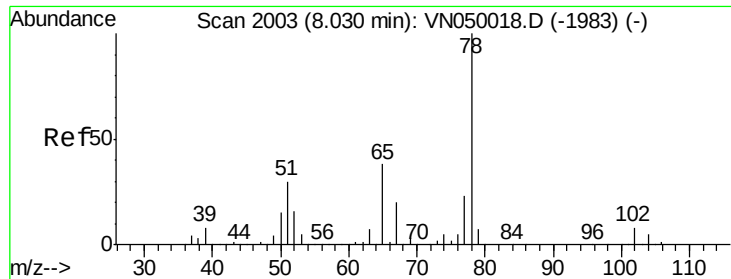
2000

1000

0

Time-->

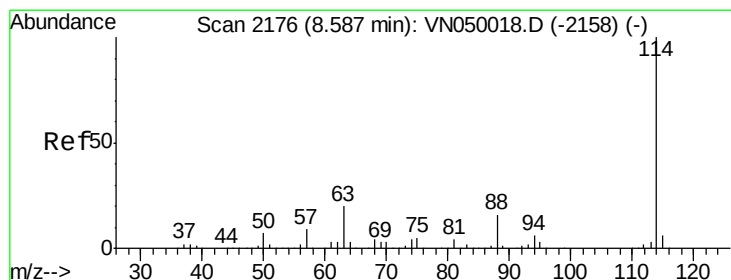
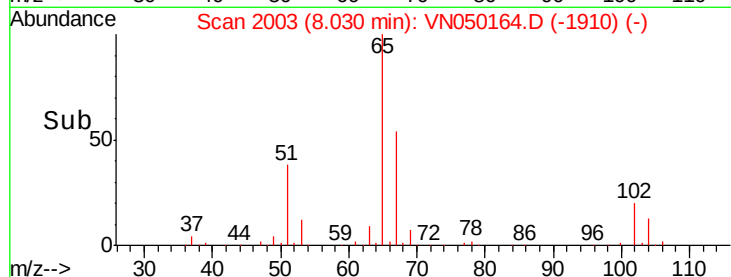
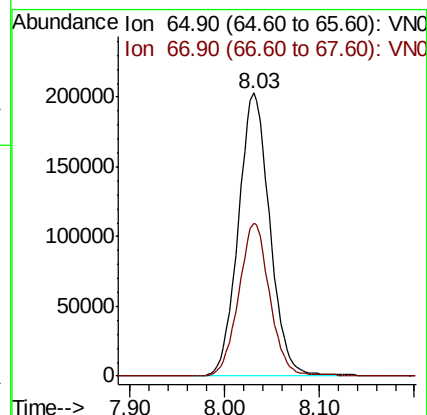
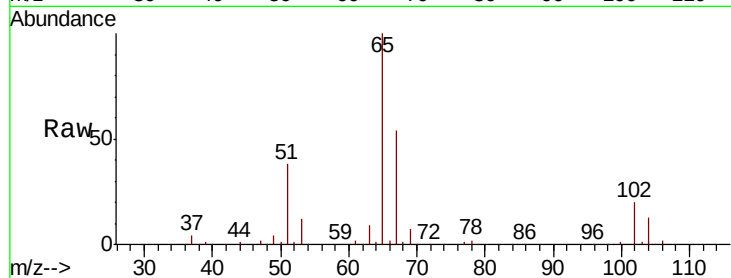




#33
 1,2-Dichloroethane-d4
 Concen: 49.948 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050164.D
 Acq: 28 Jul 2018 6:18

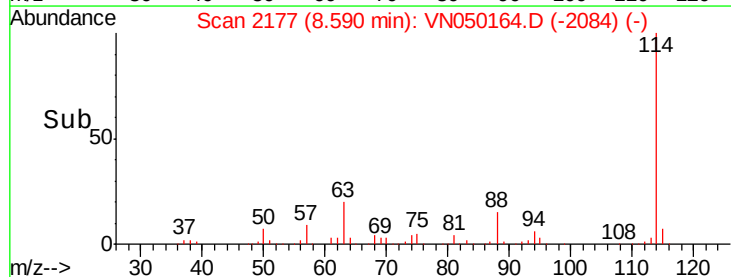
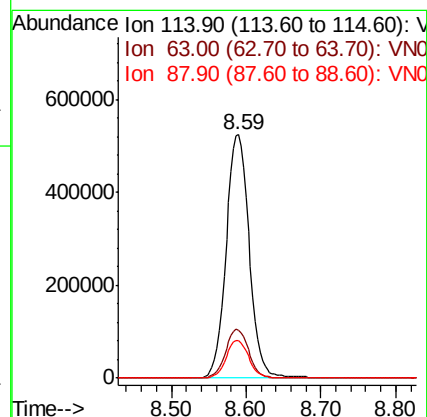
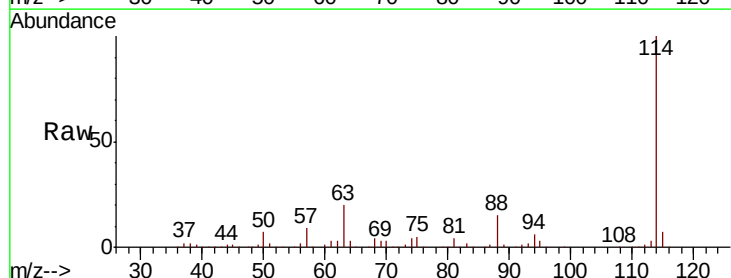
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30

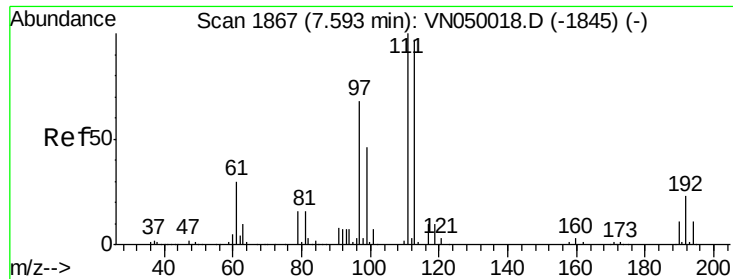
Tgt Ion: 65 Resp: 468516
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050164.D
 Acq: 28 Jul 2018 6:18

Tgt Ion: 114 Resp: 1120339
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.3 0.0 31.2

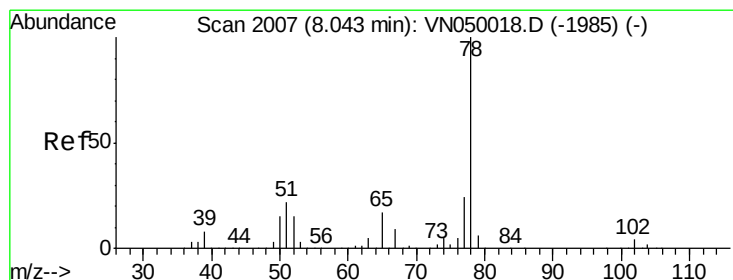
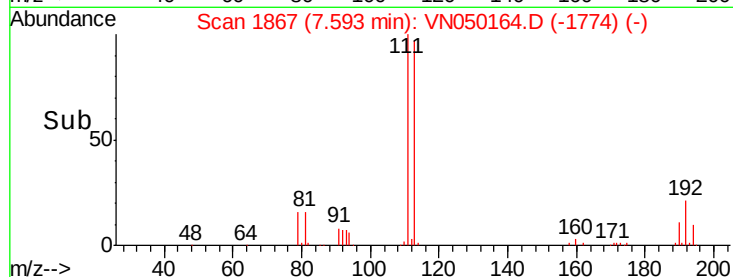
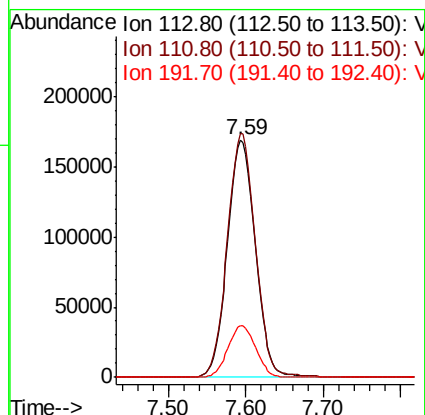
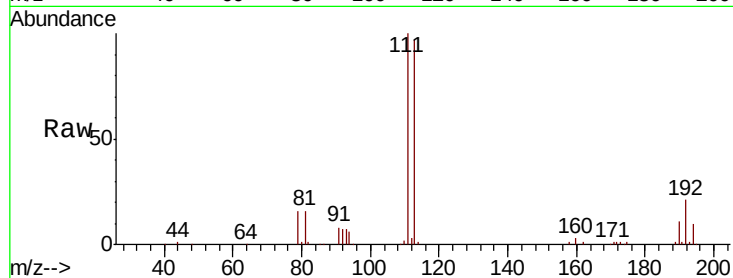




#35
 Dibromofluoromethane
 Concen: 46.474 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050164.D
 Acq: 28 Jul 2018 6:18

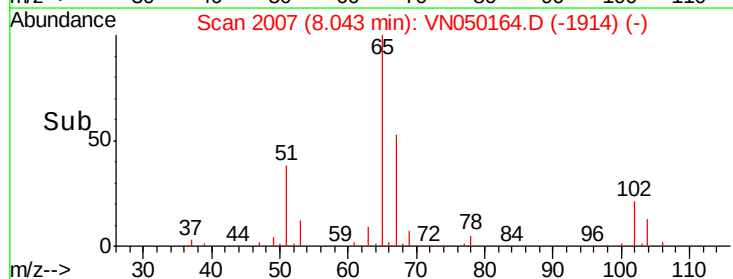
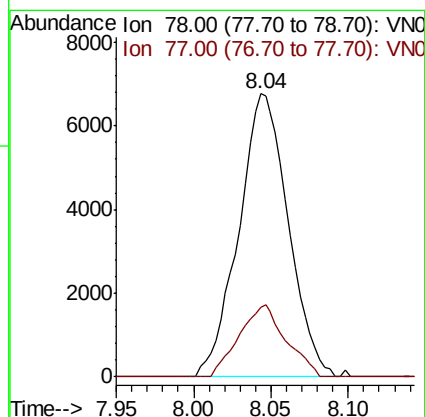
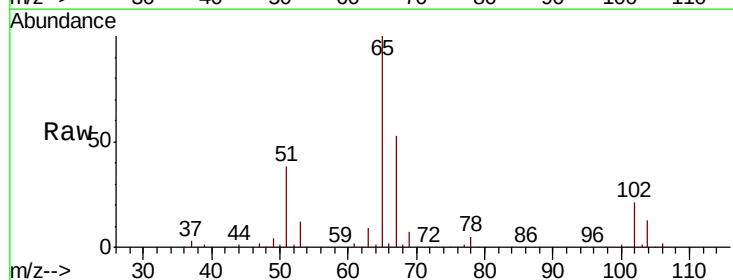
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30

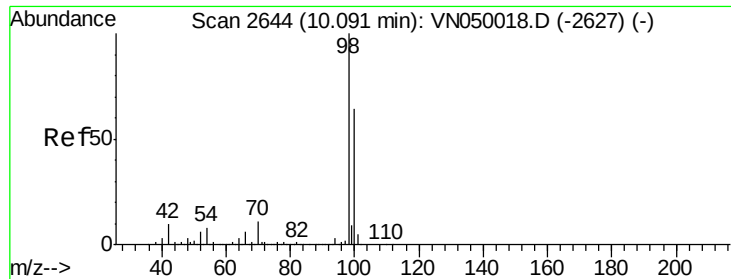
Tgt Ion: 113 Resp: 425109
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 21.7 17.8 26.6



#40
 Benzene
 Concen: 0.392 ug/l
 RT: 8.04 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: VN050164.D
 Acq: 28 Jul 2018 6:18

Tgt Ion: 78 Resp: 15056
 Ion Ratio Lower Upper
 78 100
 77 24.7 18.7 28.1

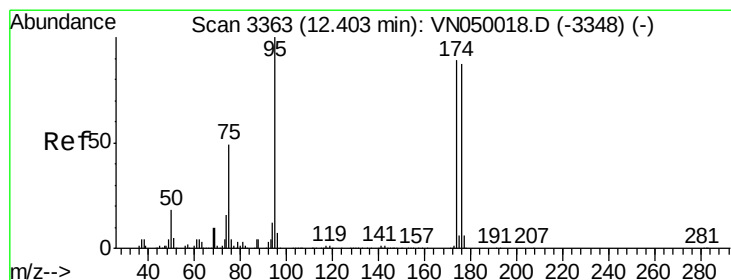
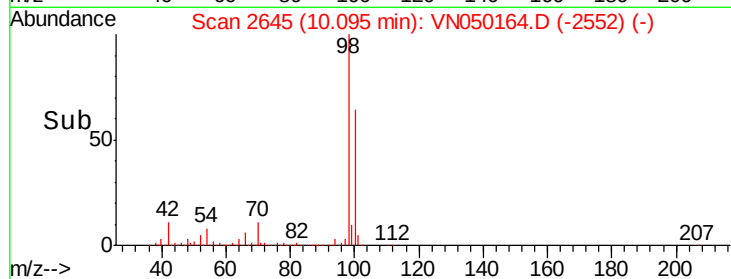
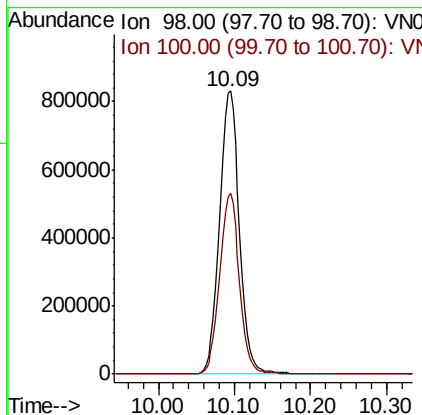
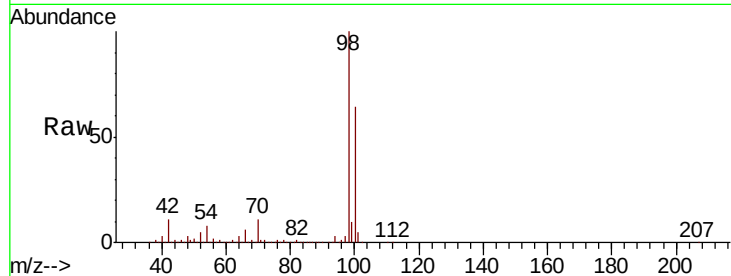




#50
Toluene-d8
Concen: 44.884 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050164.D
Acq: 28 Jul 2018 6:18

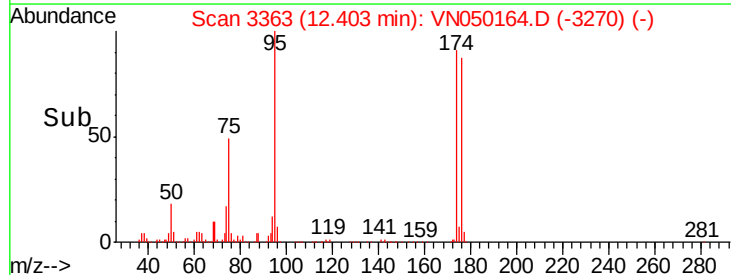
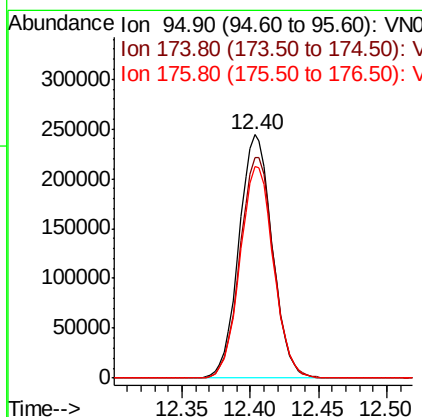
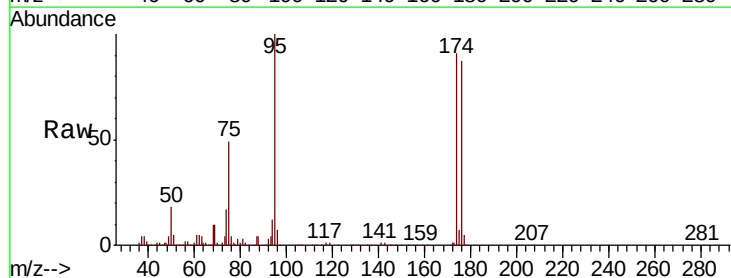
Instrument :
MSVOA_N
ClientSampleId :
MW-30

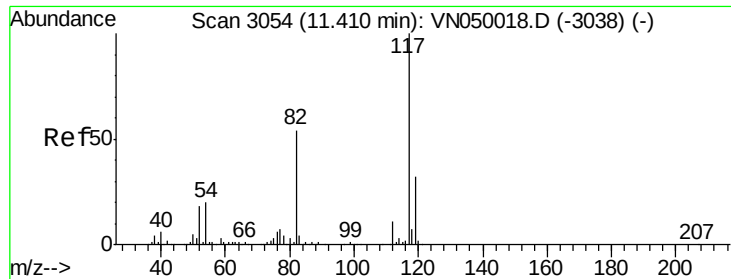
Tgt Ion: 98 Resp: 1509398
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 37.348 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050164.D
Acq: 28 Jul 2018 6:18

Tgt Ion: 95 Resp: 413568
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 87.5 0.0 173.4

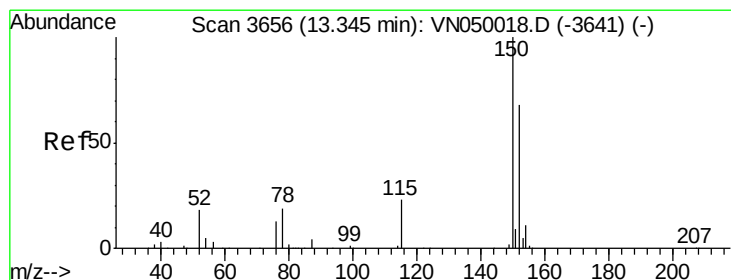
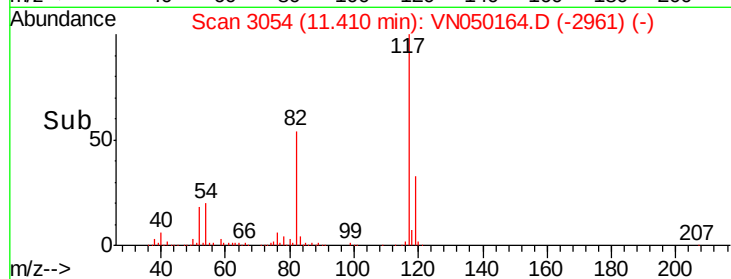
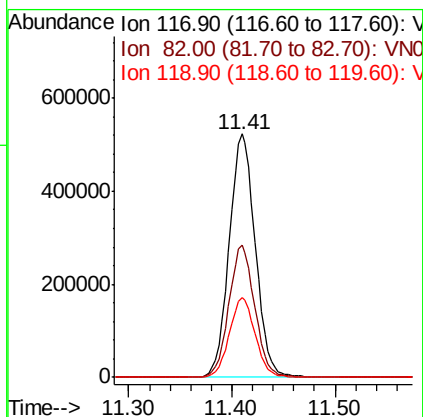
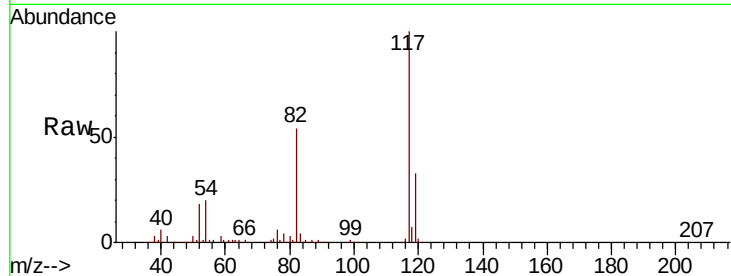




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050164.D
Acq: 28 Jul 2018 6:18

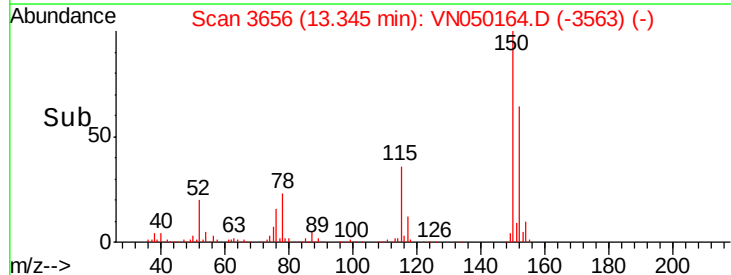
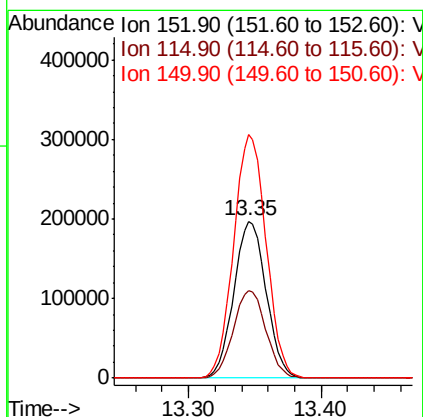
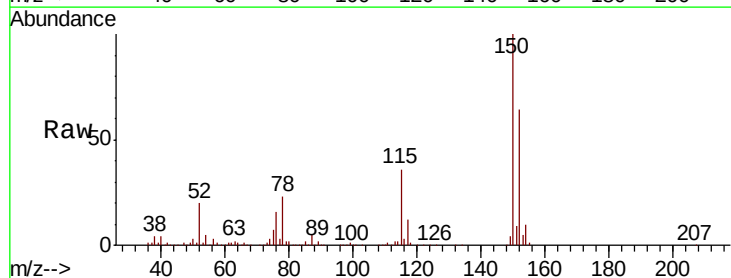
Instrument :
MSVOA_N
ClientSampleId :
MW-30

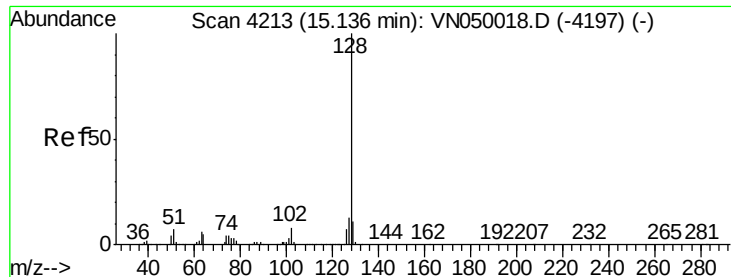
Tgt Ion:117 Resp: 921732
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050164.D
Acq: 28 Jul 2018 6:18

Tgt Ion:152 Resp: 332415
Ion Ratio Lower Upper
152 100
115 56.3 27.8 83.3
150 156.2 0.0 348.6

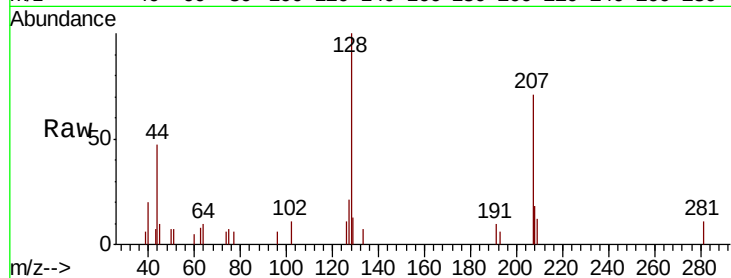




#95
Naphthalene
Concen: 4.759 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050164.D
Acq: 28 Jul 2018 6:18

Instrument :
MSVOA_N
ClientSampleId :
MW-30

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	10.8	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

