

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050300.D
 Acq On : 3 Aug 2018 7:06
 Operator : MD\SY
 Sample : J4303-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A03

Quant Time: Aug 03 08:16:16 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	672693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1085660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	366589	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	461415	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.59	113	414066	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
50) Toluene-d8	10.09	98	1462767	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	424851	39.59	ug/l	0.00
Spiked Amount			Recovery	=	79.18%	

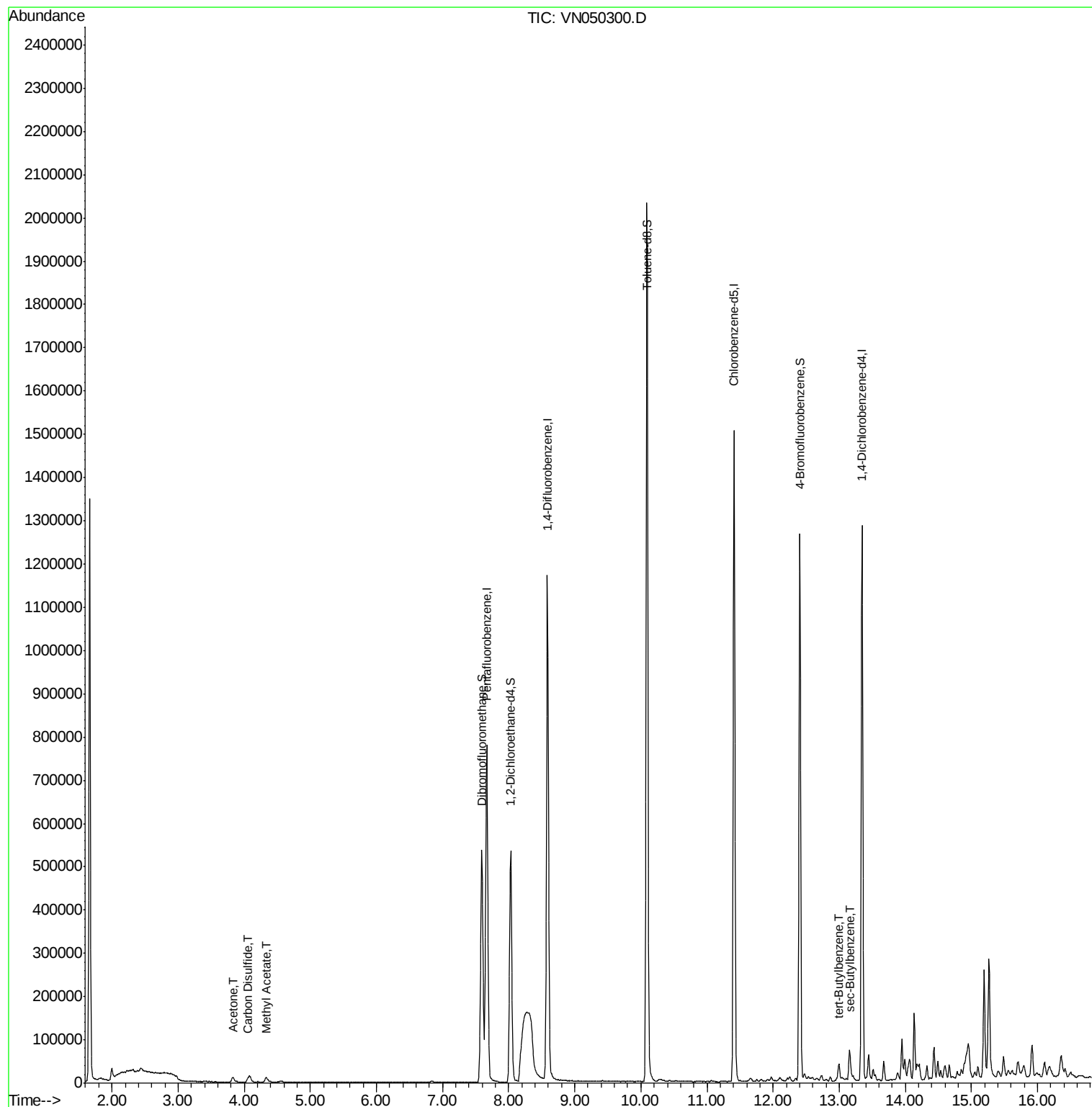
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19177	4.409	ug/l	99
17) Carbon Disulfide	4.05	76	7840	0.330	ug/l #	91
18) Methyl Acetate	4.34	43	19323	0.638	ug/l	97
83) tert-Butylbenzene	13.00	119	14887	0.763	ug/l	97
85) sec-Butylbenzene	13.17	105	13542	0.519	ug/l #	1

(#) = 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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050300.D

Acq: 3 Aug 2018 7:06

Instrument :

MSVOA_N

ClientSampleId :

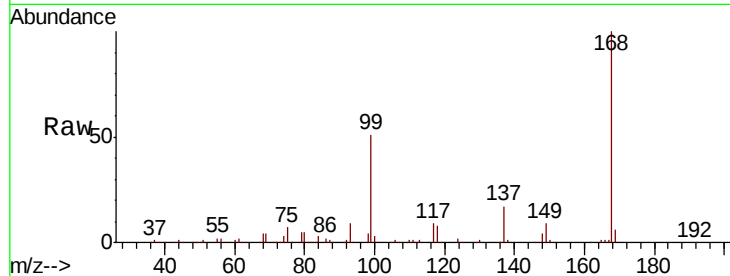
MW-A03

Tot Ion:168 Resp: 672693

Ion Ratio Lower Upper

168 100

99 50.9 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

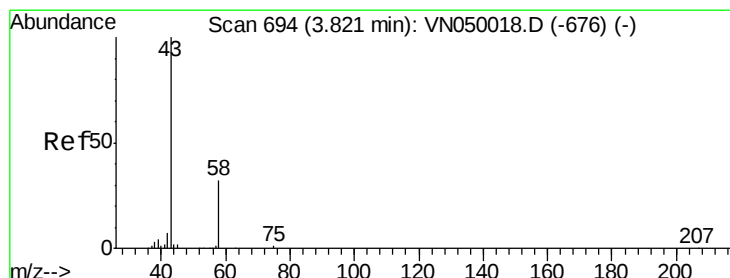
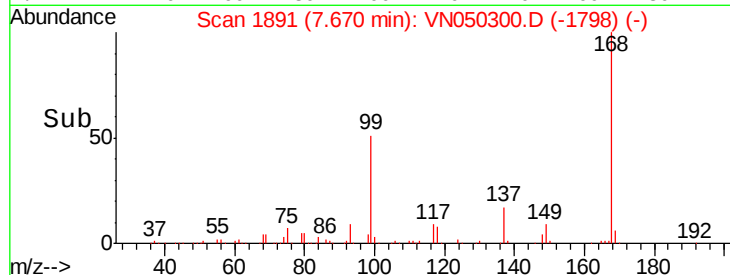
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 4.409 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050300.D

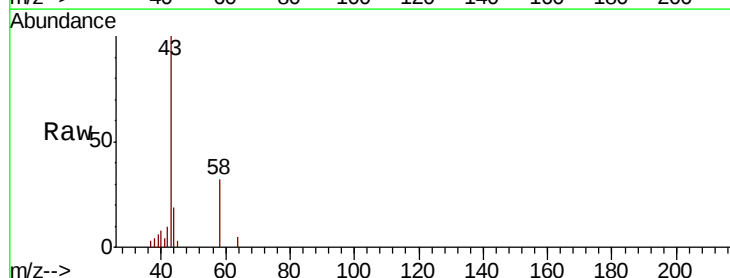
Acq: 3 Aug 2018 7:06

Tgt Ion: 43 Resp: 19177

Ion Ratio Lower Upper

43 100

58 32.9 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

8000

6000

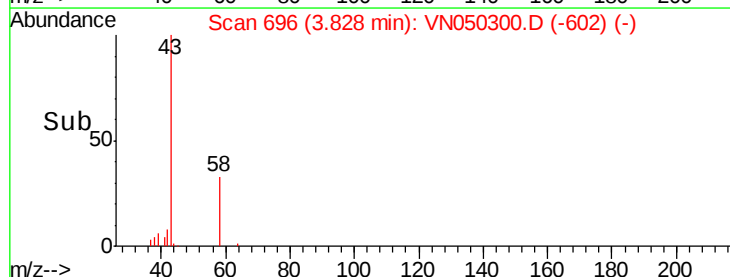
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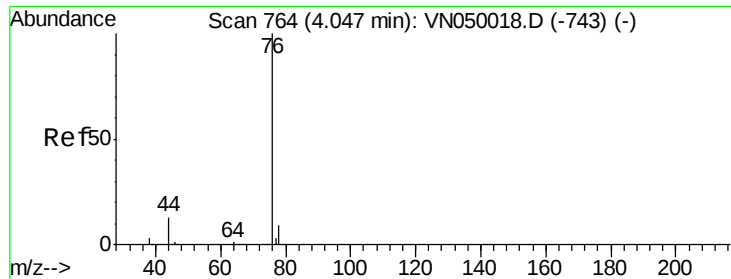
2000

0

Time-->

3.80 3.90

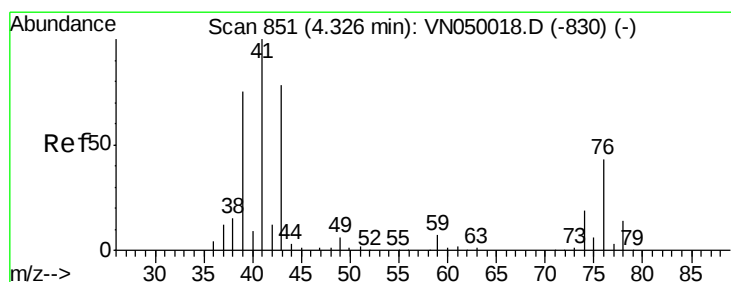
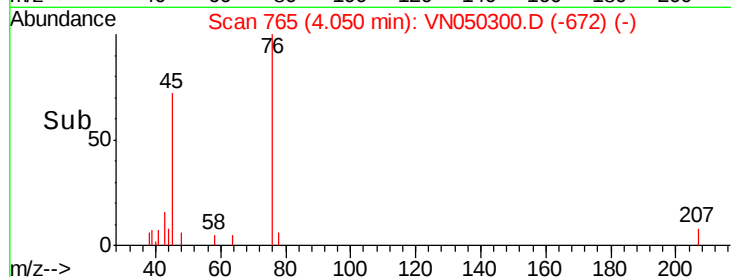
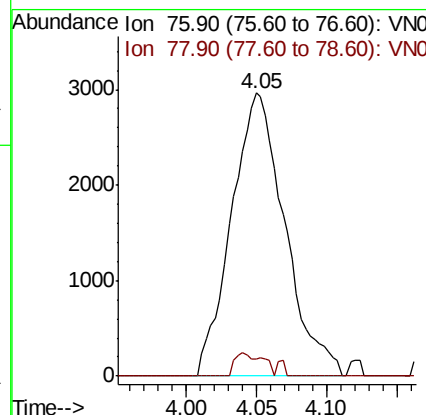
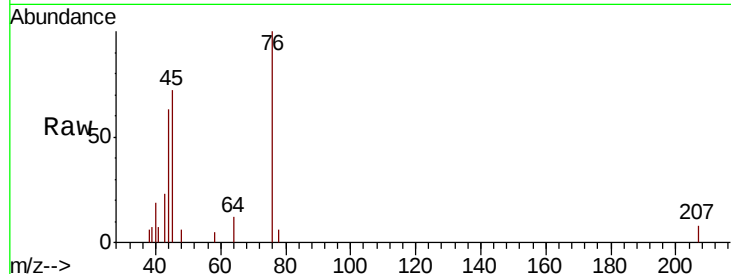




#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050300.D
Acq: 3 Aug 2018 7:06

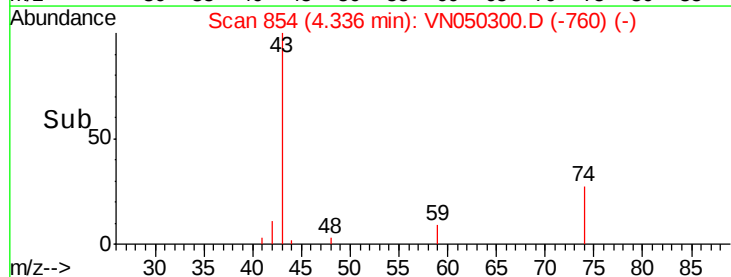
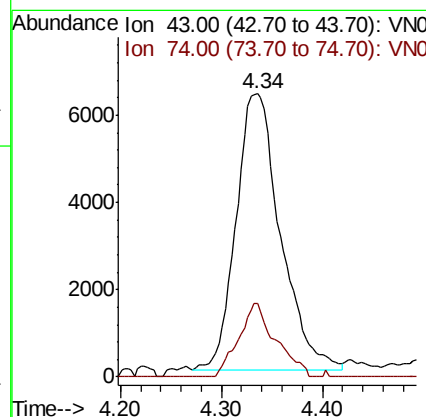
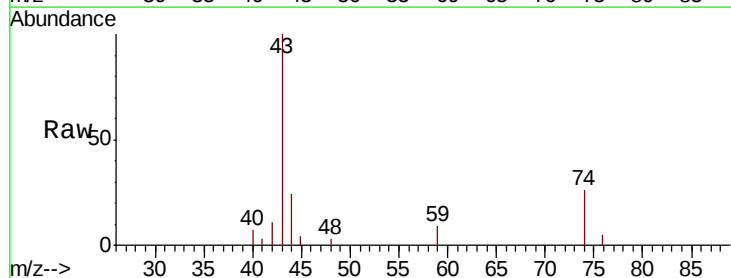
Instrument :
MSVOA_N
ClientSampleId :
MW-A03

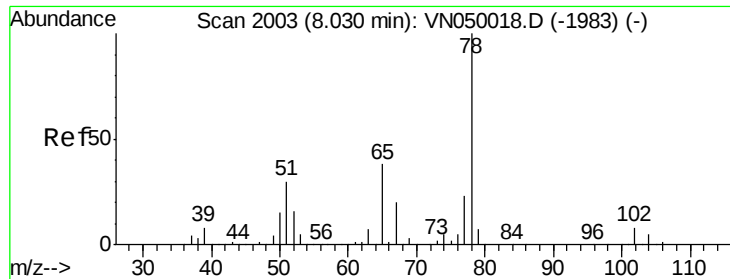
Tot Ion: 76 Resp: 7840
Ion Ratio Lower Upper
76 100
78 5.9 7.3 10.9#



#18
Methyl Acetate
Concen: 0.638 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050300.D
Acq: 3 Aug 2018 7:06

Tgt Ion: 43 Resp: 19323
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8





#33

1,2-Dichloroethane-d4

Concen: 49.162 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050300.D

Acq: 3 Aug 2018 7:06

Instrument :

MSVOA_N

ClientSampleId :

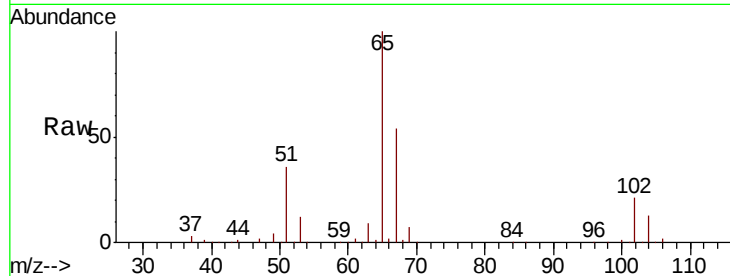
MW-A03

Tot Ion: 65 Resp: 461415

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

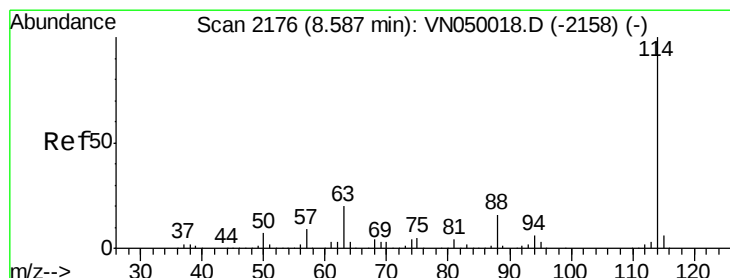
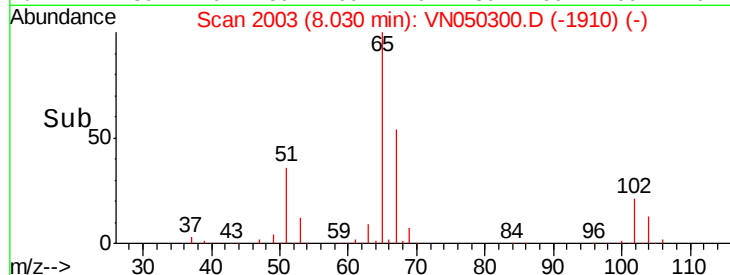
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN050300.D

Acq: 3 Aug 2018 7:06

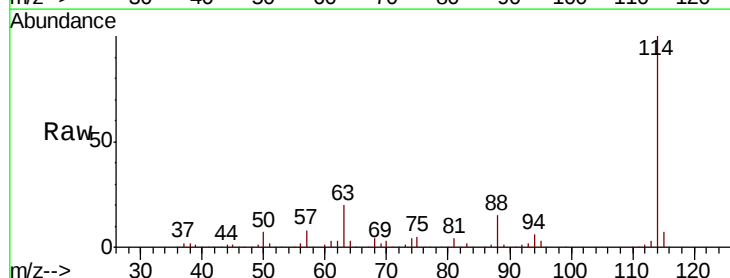
Tgt Ion: 114 Resp: 1085660

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

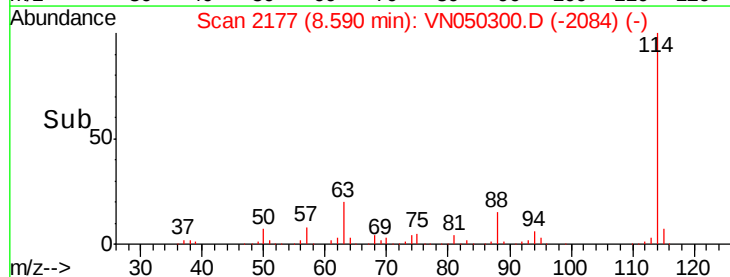
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80

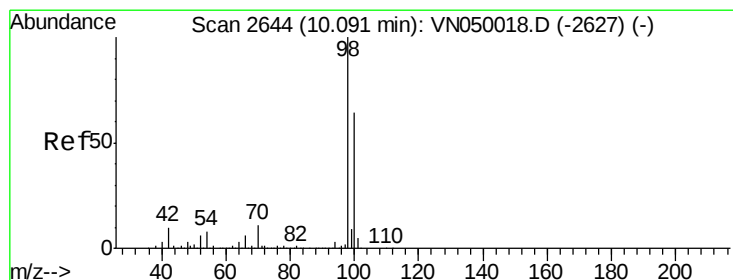
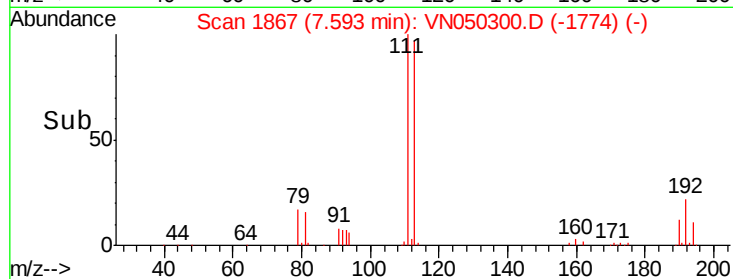
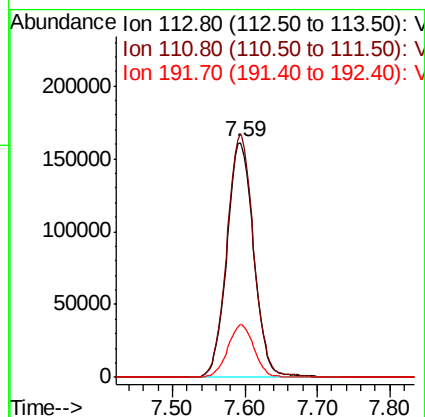
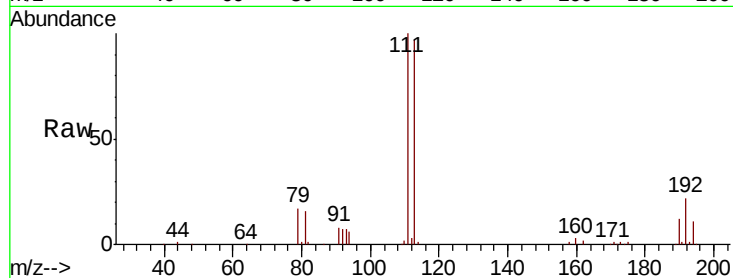




#35
 Dibromofluoromethane
 Concen: 46.713 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050300.D
 Acq: 3 Aug 2018 7:06

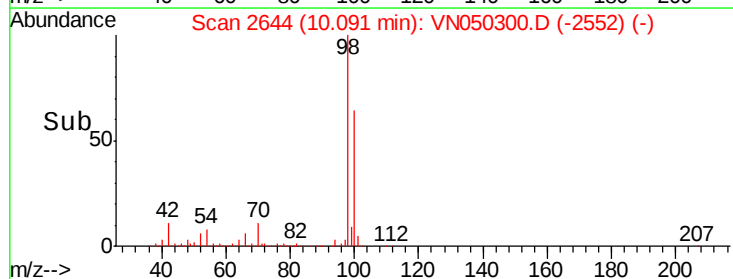
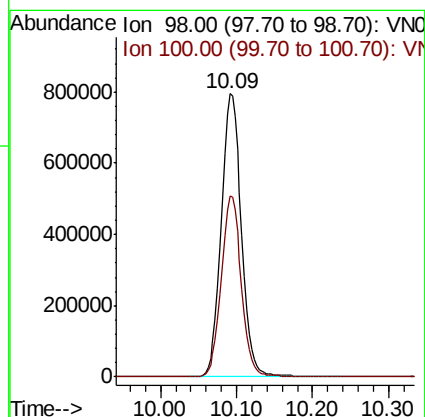
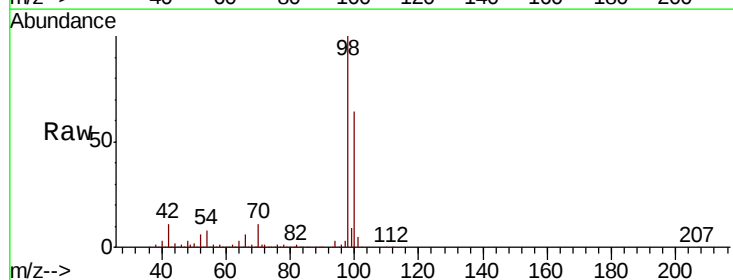
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A03

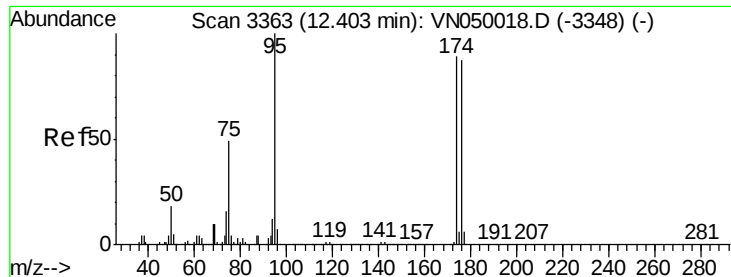
Tot Ion:113 Resp: 414066
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 22.1 17.8 26.6



#50
 Toluene-d8
 Concen: 44.886 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050300.D
 Acq: 3 Aug 2018 7:06

Tgt Ion: 98 Resp: 1462767
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.7 76.1

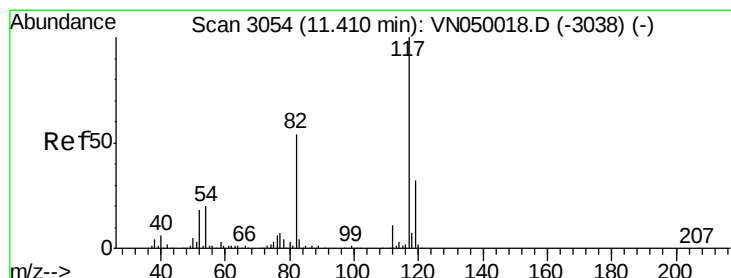
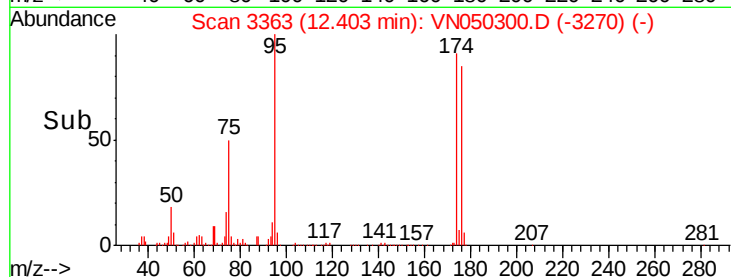
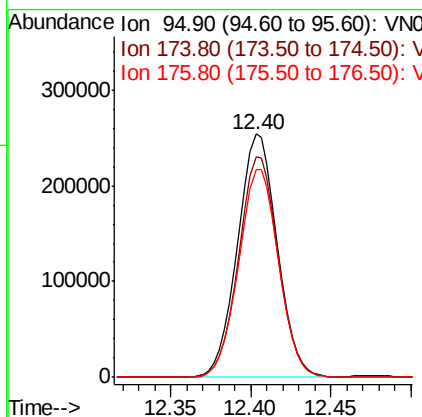
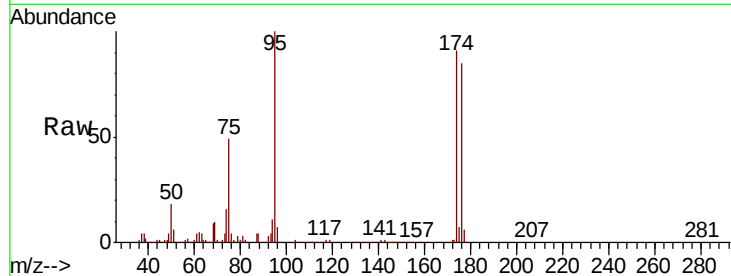




#62
4-Bromofluorobenzene
Concen: 39.593 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050300.D
Acq: 3 Aug 2018 7:06

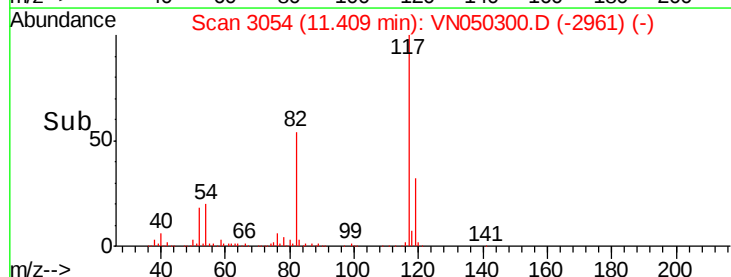
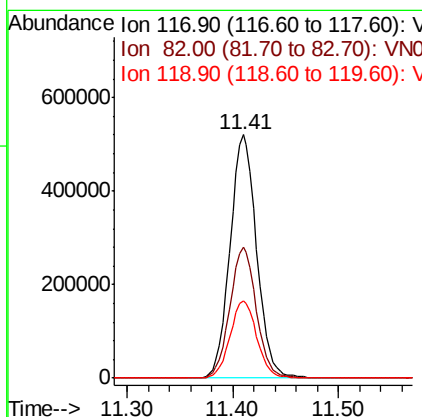
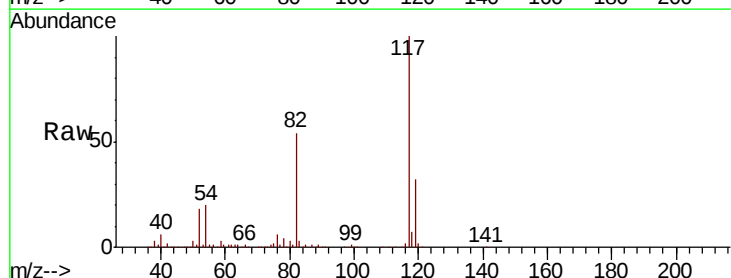
Instrument :
MSVOA_N
ClientSampleId :
MW-A03

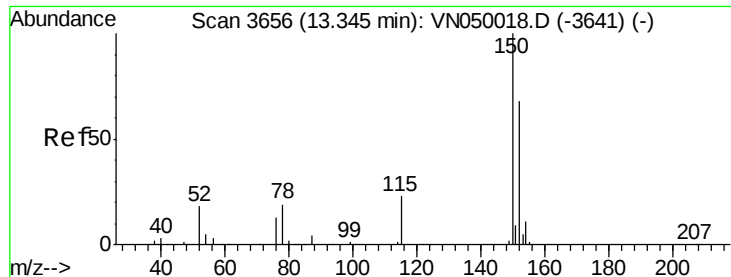
Tot Ion: 95 Resp: 424851
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050300.D
Acq: 3 Aug 2018 7:06

Tgt Ion: 117 Resp: 905253
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.9 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: VN050300.D

Acq: 3 Aug 2018 7:06

Instrument :

MSVOA_N

ClientSampled :

MW-A03

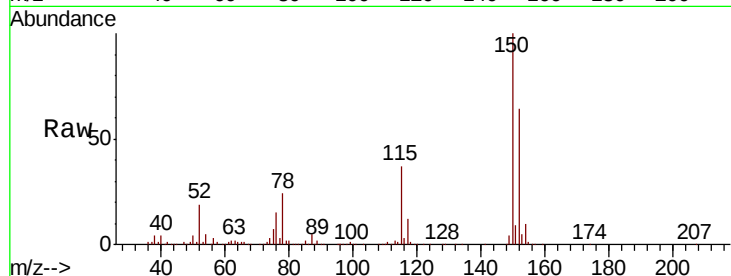
Tot Ion:152 Resp: 366589

Ion Ratio Lower Upper

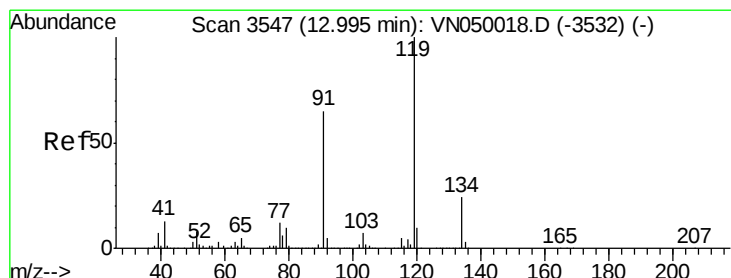
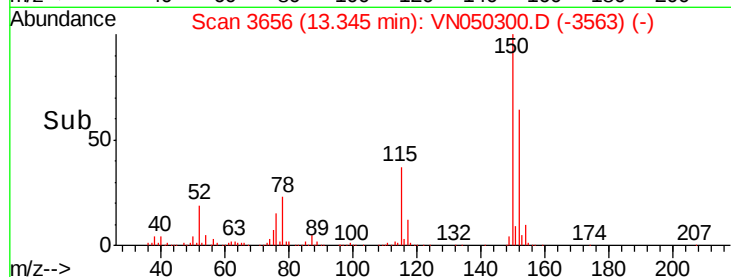
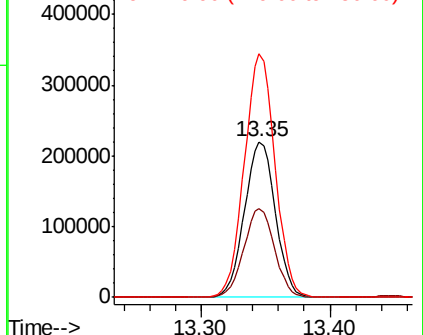
152 100

115 56.7 27.8 83.3

150 155.5 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



#83

tert-Butylbenzene

Concen: 0.763 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN050300.D

Acq: 3 Aug 2018 7:06

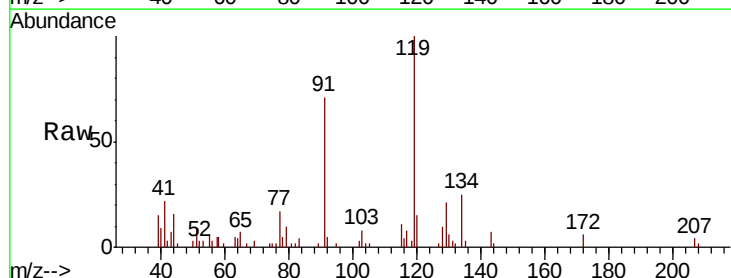
Tgt Ion:119 Resp: 14887

Ion Ratio Lower Upper

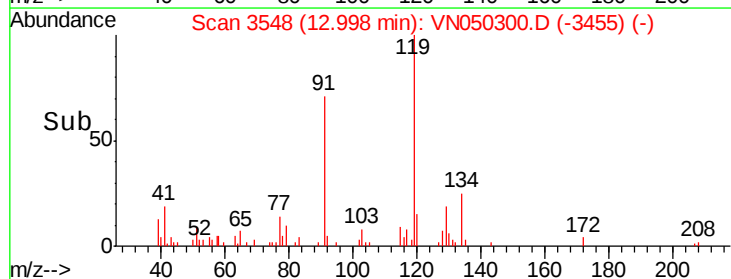
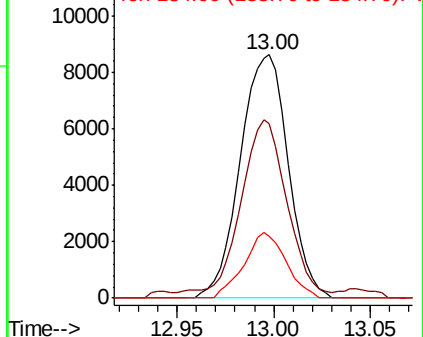
119 100

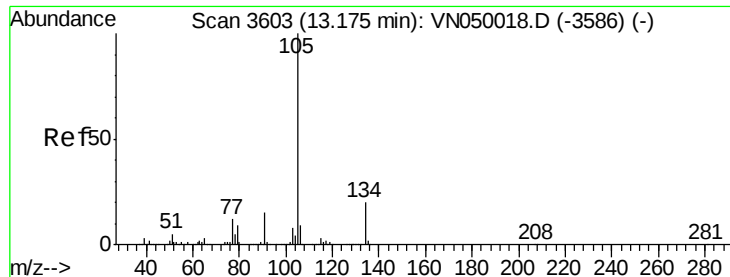
91 65.8 32.1 96.3

134 23.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V





#85
 sec-Butylbenzene
 Concen: 0.519 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN050300.D
 Acq: 3 Aug 2018 7:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A03

Tot Ion:105 Resp: 13542
 Ion Ratio Lower Upper
 105 100
 134 93.7 10.1 30.1#

