

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080718\
 Data File : VN050441.D
 Acq On : 7 Aug 2018 19:09
 Operator : MD\SY
 Sample : J4369-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 10:48:17 AM

Quant Time: Aug 13 08:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	803537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1217914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1059985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	468537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	510533	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.59	113	460355	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	10.09	98	1679094	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	535064	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
11) Tert butyl alcohol	4.80	59	24176	28.03	ug/l	99
16) Acetone	3.83	43	19116	5.62	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	270911	10.99	ug/l	99
65) Chlorobenzene	11.44	112	23368	0.88	ug/l	96

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

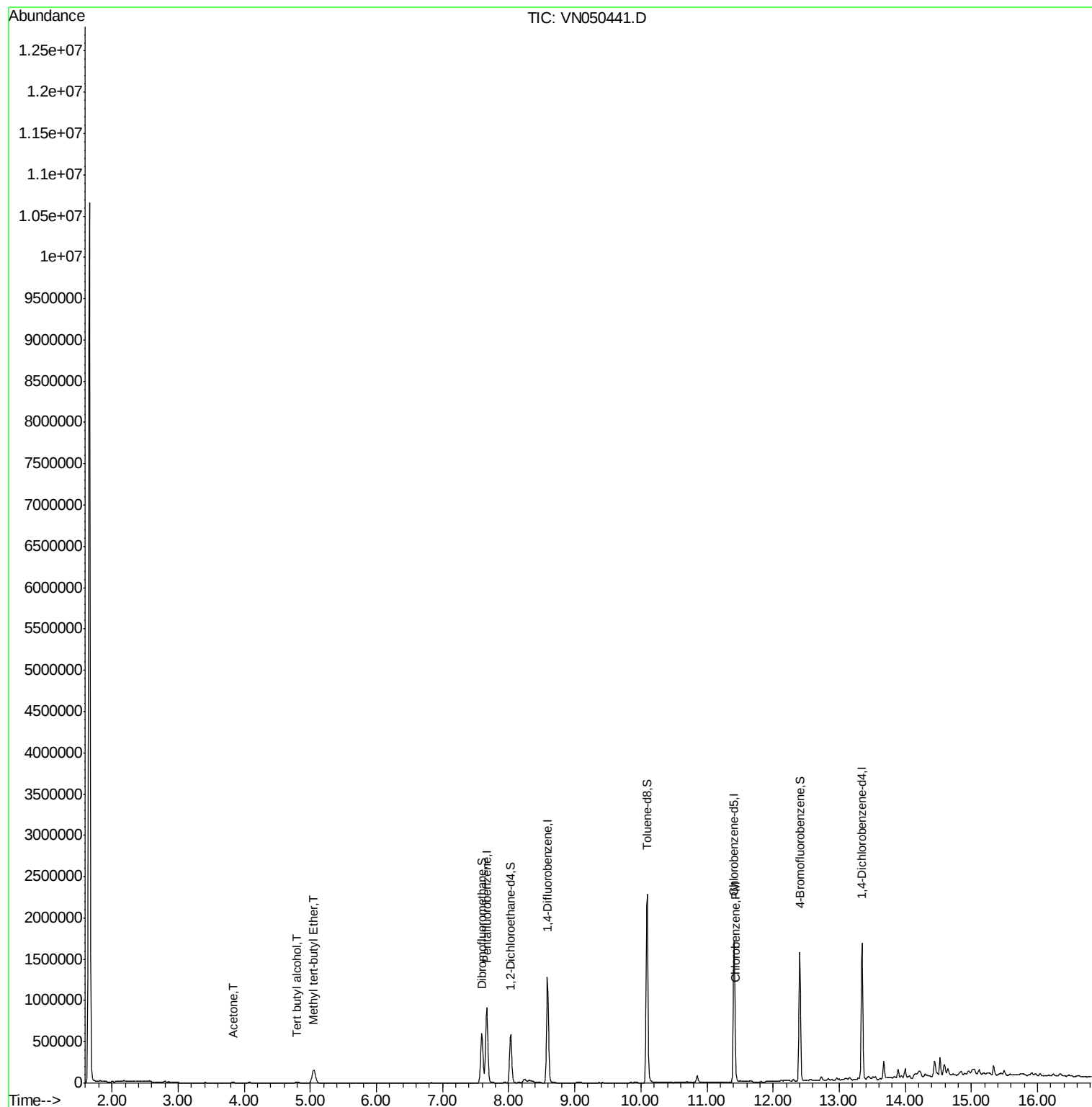
Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080718\
Data File : VN050441.D
Acq On : 7 Aug 2018 19:09
Operator : MD\SY
Sample : J4369-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

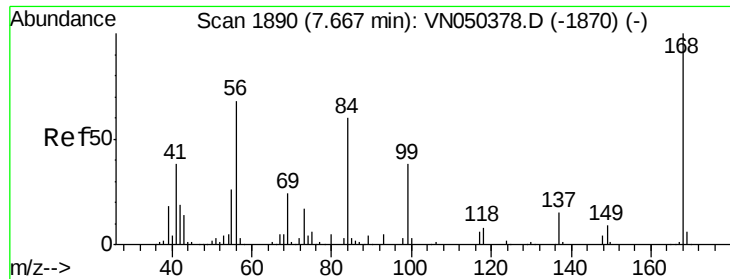
Instrument :
MSVOA_N
ClientSampleId :
MW-20

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050441.D

Acq: 7 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampled :

MW-20

Tot Ion:168 Resp: 803537

Ion Ratio Lower Upper

168 100

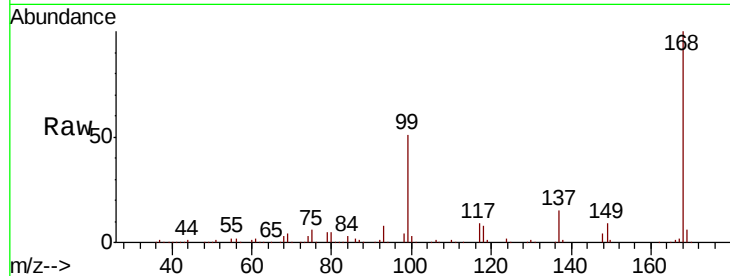
99 50.7 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

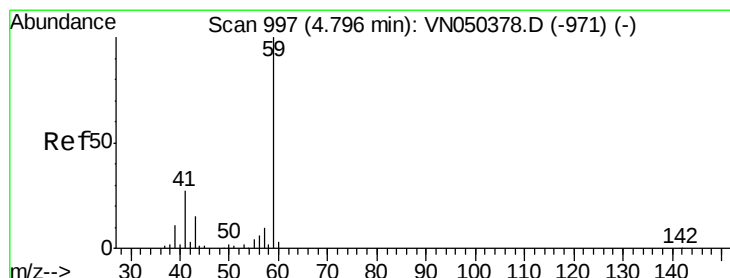
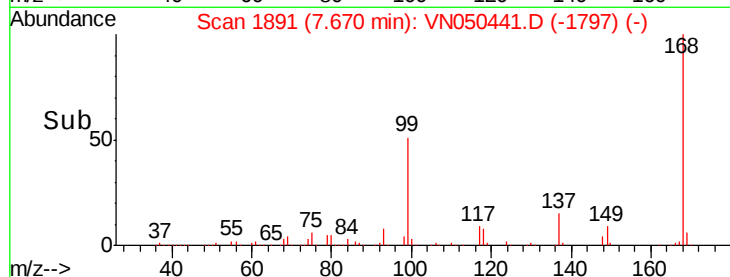
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 28.03 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN050441.D

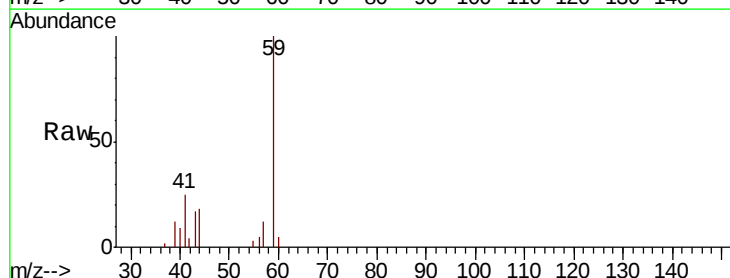
Acq: 7 Aug 2018 19:09

Tgt Ion: 59 Resp: 24176

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

8000

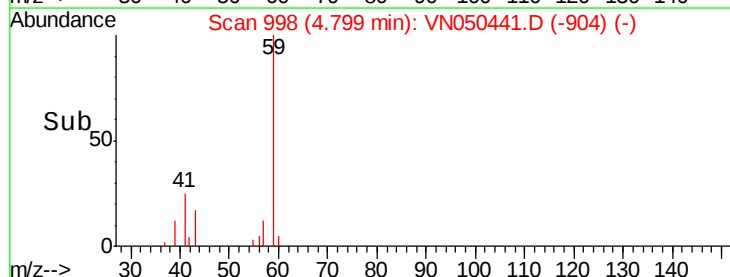
6000

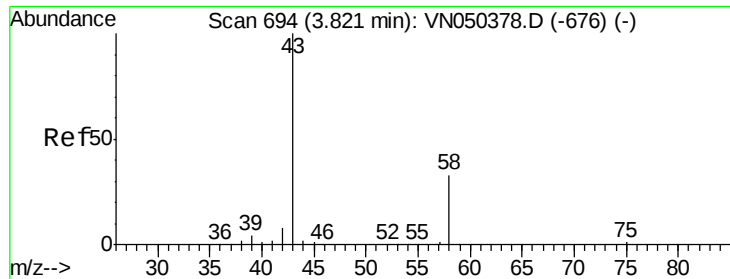
4000

2000

0

Time--> 4.70 4.80 4.90





#16

Acetone

Concen: 5.62 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050441.D

Acq: 7 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampled :

MW-20

Tot Ion: 43 Resp: 19116

Ion Ratio Lower Upper

43 100

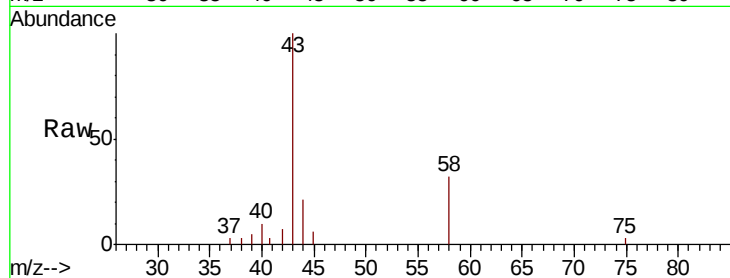
58 32.5 25.8 38.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

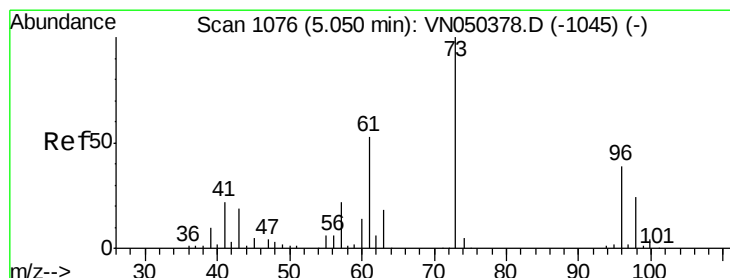
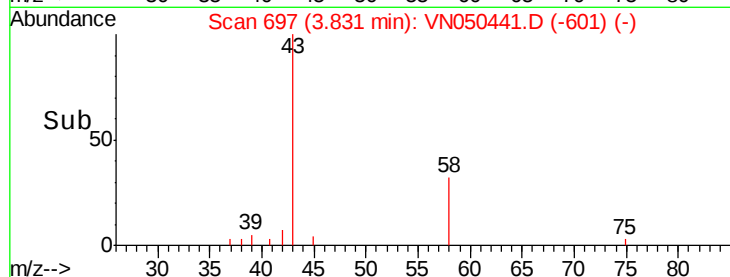
4000

2000

0

Time-->

3.75 3.80 3.85 3.90



#19

Methyl tert-butyl Ether

Concen: 10.99 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN050441.D

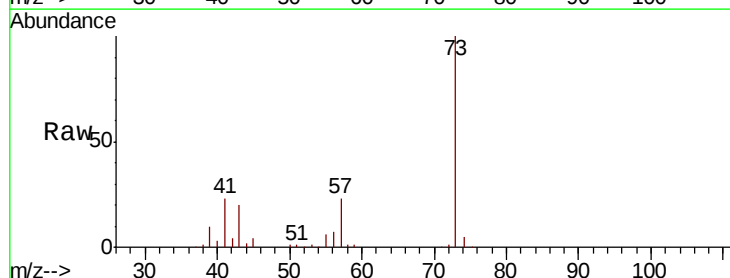
Acq: 7 Aug 2018 19:09

Tgt Ion: 73 Resp: 270911

Ion Ratio Lower Upper

73 100

57 22.9 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

80000

60000

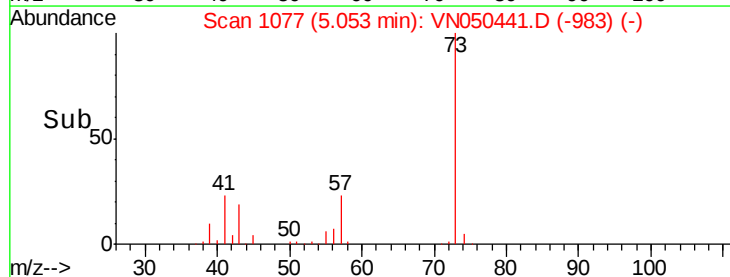
40000

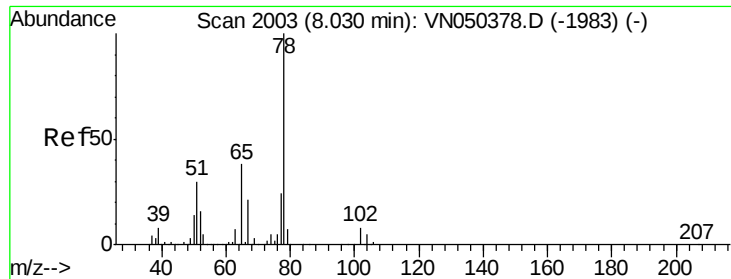
20000

0

Time-->

4.90 5.00 5.10 5.20





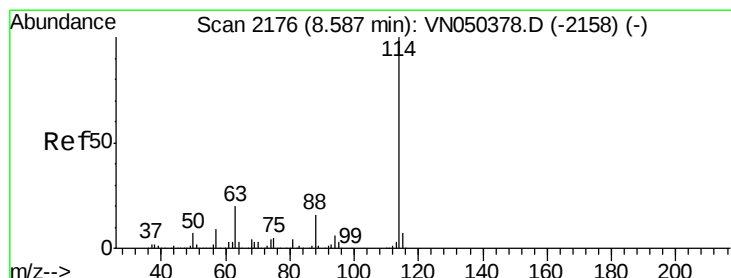
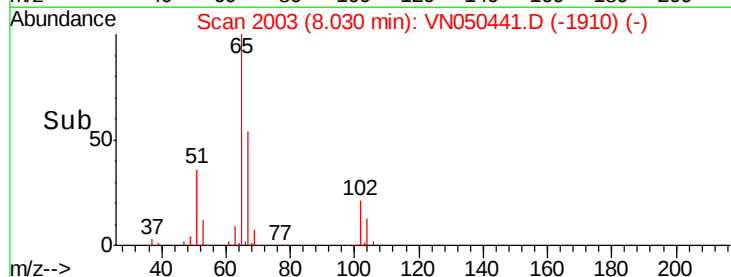
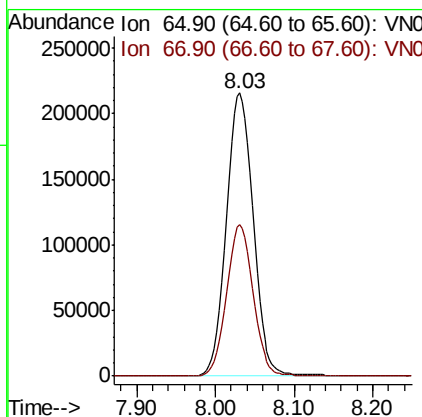
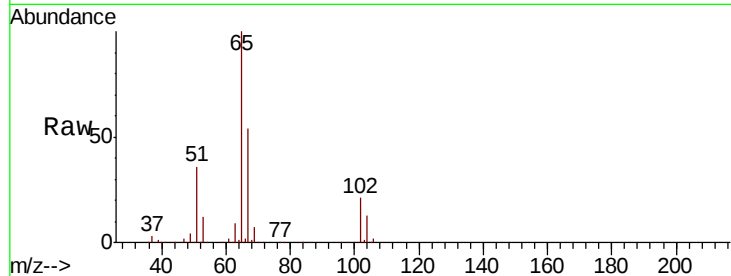
#33
 1,2-Dichloroethane-d4
 Concen: 47.55 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050441.D
 Acq: 7 Aug 2018 19:09

Instrument :
 MSVOA_N
 ClientSampled :
 MW-20

Tot Ion	Ratio	Resp	Lower	Upper
65	100	510533		
67	52.8	0.0	108.4	

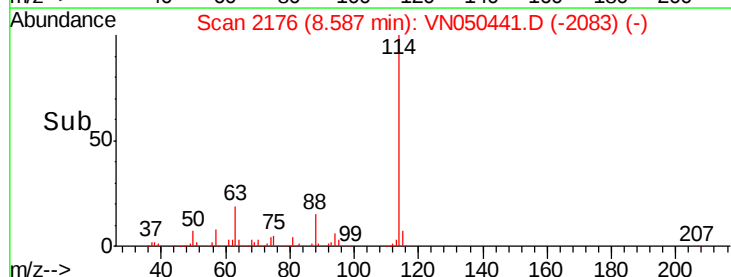
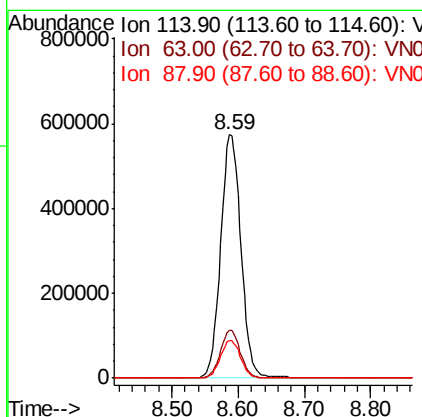
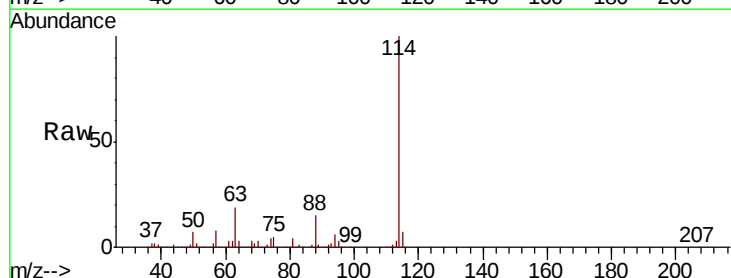
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050441.D
 Acq: 7 Aug 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1217914		
63	19.5	0.0	40.0	
88	15.5	0.0	31.2	





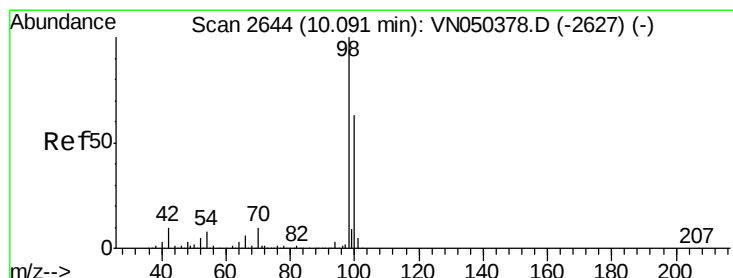
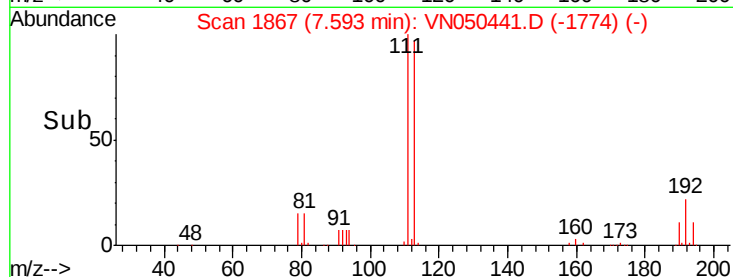
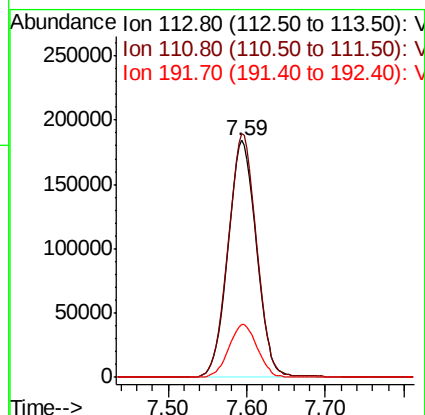
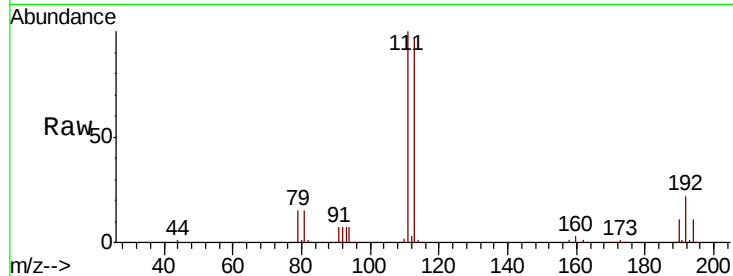
#35
 Dibromofluoromethane
 Concen: 47.11 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050441.D
 Acq: 7 Aug 2018 19:09

Instrument :
 MSVOA_N
 ClientSampled :
 MW-20

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	22.5	17.8	26.6

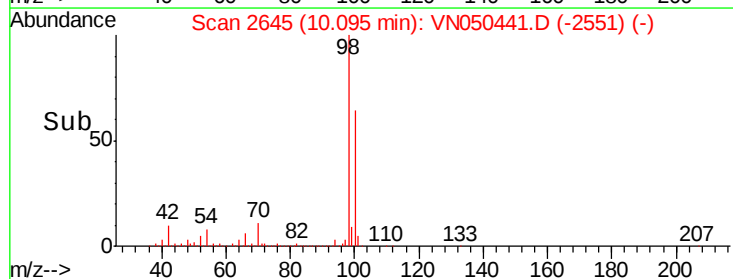
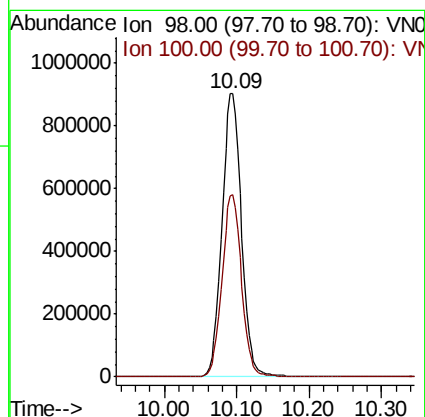
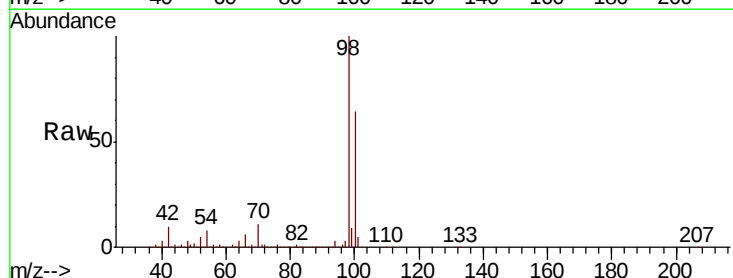
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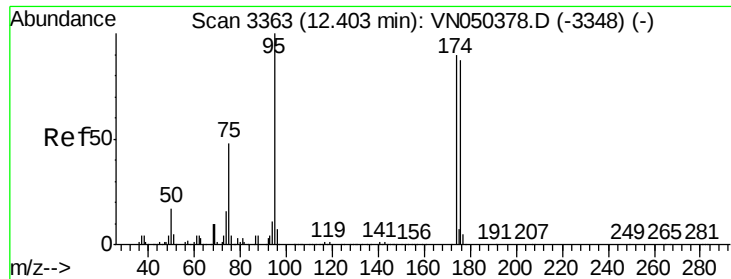
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#50
 Toluene-d8
 Concen: 45.70 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050441.D
 Acq: 7 Aug 2018 19:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.7	76.1





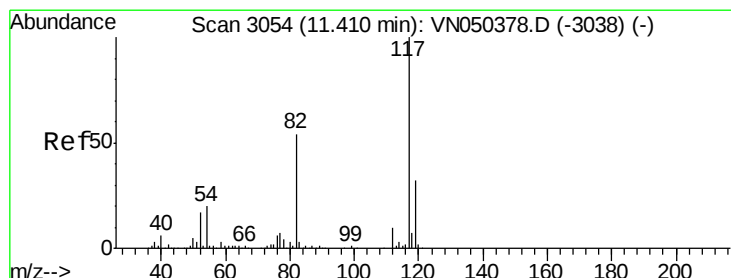
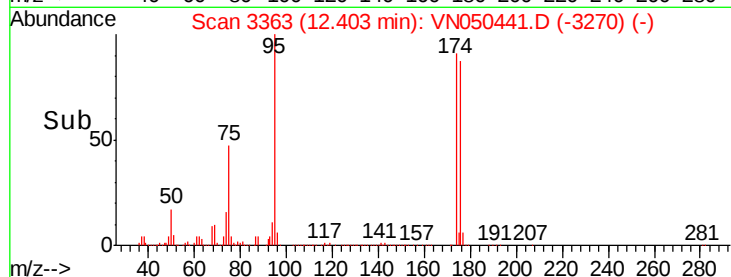
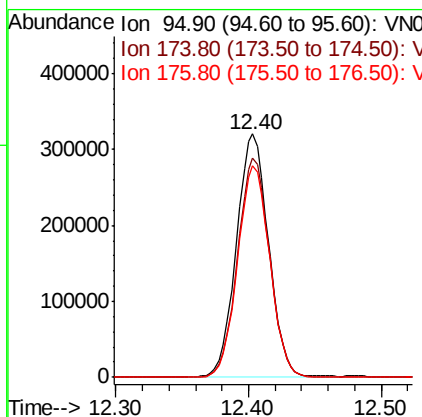
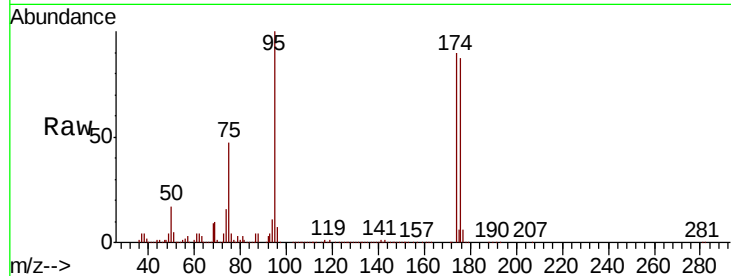
#62
4-Bromofluorobenzene
Concen: 42.73 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050441.D
Acq: 7 Aug 2018 19:09

Instrument :
MSVOA_N
ClientSampled :
MW-20

Tot Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	178.2
176	87.7	0.0	173.4

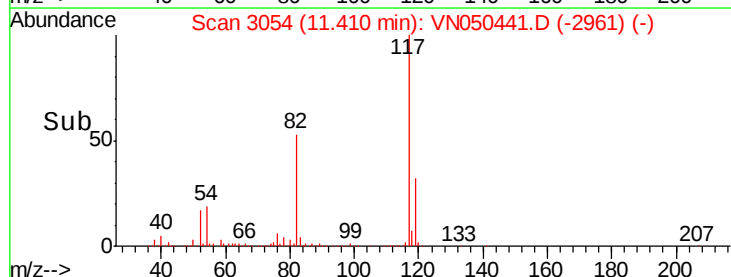
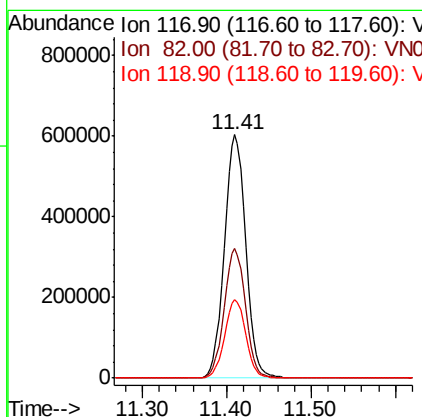
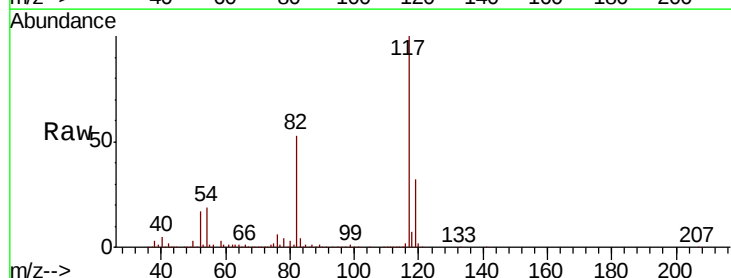
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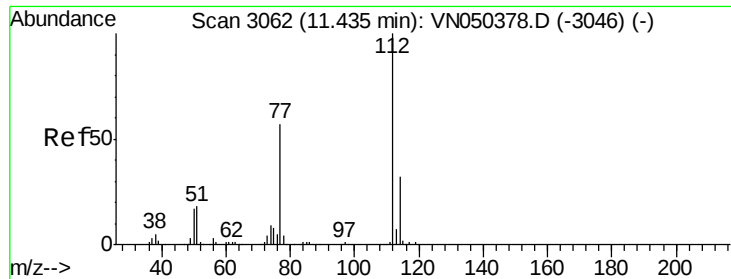
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050441.D
Acq: 7 Aug 2018 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.7	65.5
119	32.2	26.1	39.1





#65

Chlorobenzene

Concen: 0.88 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN050441.D

Acq: 7 Aug 2018 19:09

Instrument :

MSVOA_N

ClientSampled :

MW-20

Tot Ion:112 Resp: 23368

Ion Ratio Lower Upper

112 100

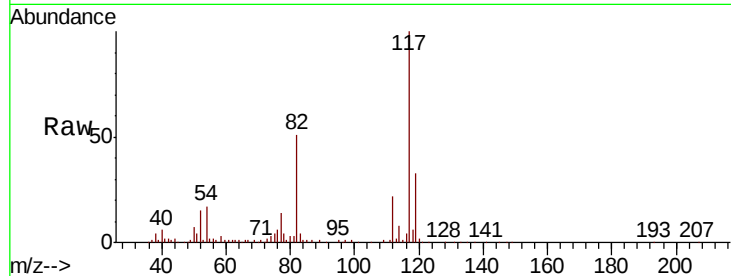
114 34.2 25.6 38.4

Manual Integrations

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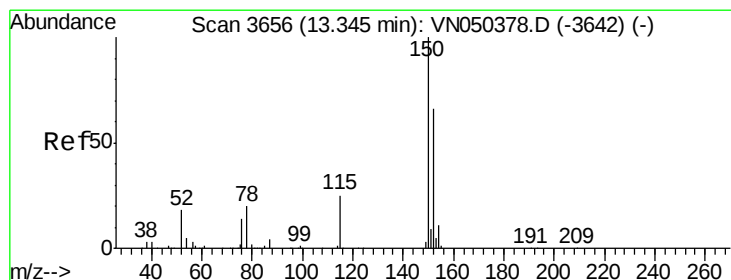
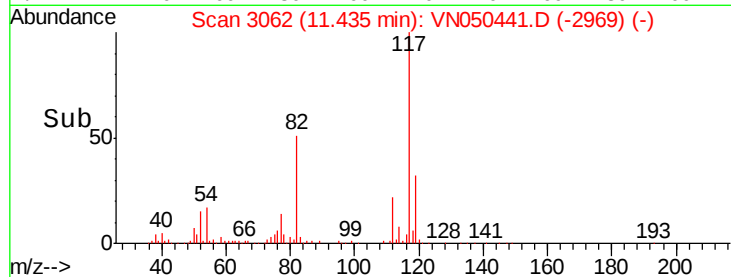
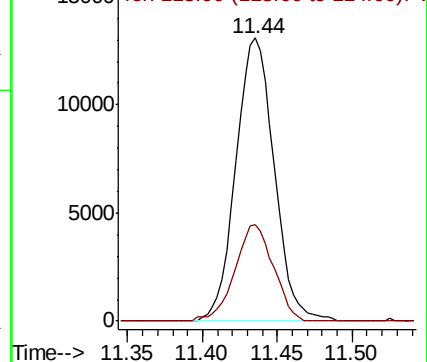
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VN050441.D

Acq: 7 Aug 2018 19:09

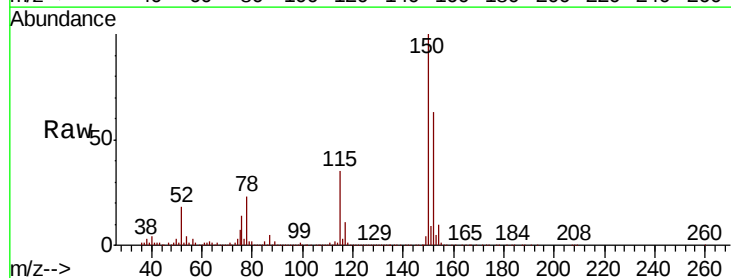
Tgt Ion:152 Resp: 468537

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

150 157.3 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

