

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080118\
 Data File : VN050245.D
 Acq On : 1 Aug 2018 13:30
 Operator : MD\SY
 Sample : J4256-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09

Manual Integrations
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MMDadoda
 8/2/2018 9:54:07 AM

Quant Time: Aug 04 00:05:36 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	671913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1091985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	934624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	423715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	467083	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	7.60	113	417403	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	10.09	98	1489650	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.40	95	468793	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	26419	7.756	ug/l	91
17) Carbon Disulfide	4.05	76	13129	0.553	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	7938	0.385	ug/l	99
39) Methylcyclohexane	9.08	83	6621	0.523	ug/l	92
69) o-Xylene	11.95	106	6846	0.501	ug/l	69
73) Isopropylbenzene	12.25	105	106607	3.244	ug/l	98
78) n-propylbenzene	12.59	91	198526	5.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	244415	9.381	ug/l	100
85) sec-Butylbenzene	13.17	105	152624	5.064	ug/l	83
89) n-Butylbenzene	13.62	91	55610	2.663	ug/l #	69

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

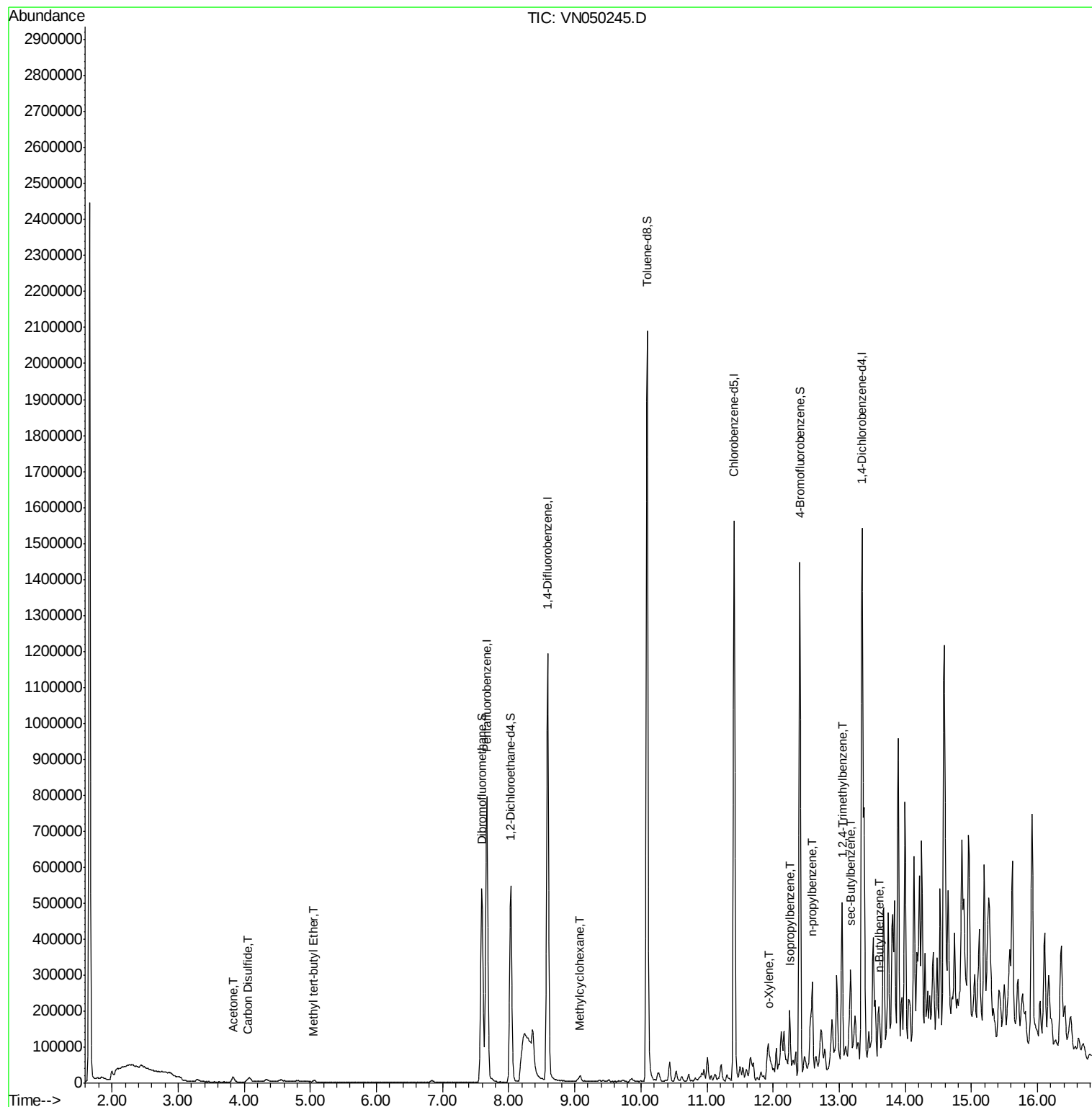
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080118\
Data File : VN050245.D
Acq On : 1 Aug 2018 13:30
Operator : MD\SY
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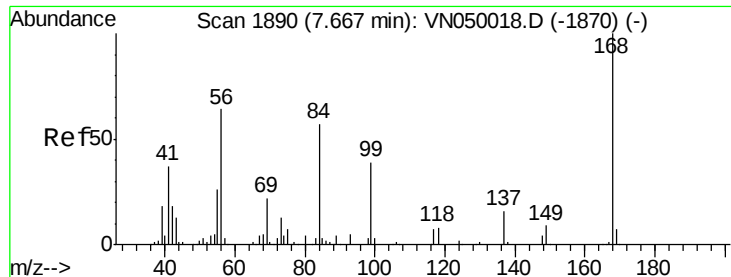
Instrument :
MSVOA_N
ClientSampleId :
MW-09

Manual Integrations
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8/2/2018 9:54:07 AM

Quant Time: Aug 04 00:05:36 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

MW-09

Tgt Ion:168 Resp: 671913

Ion Ratio Lower Upper

168 100

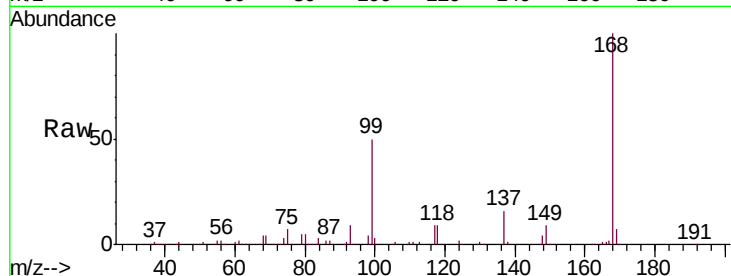
99 50.0 40.0 60.0

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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

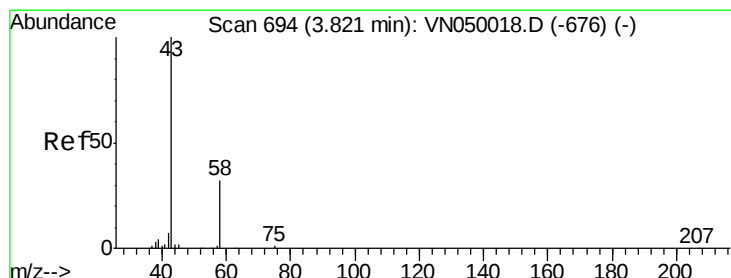
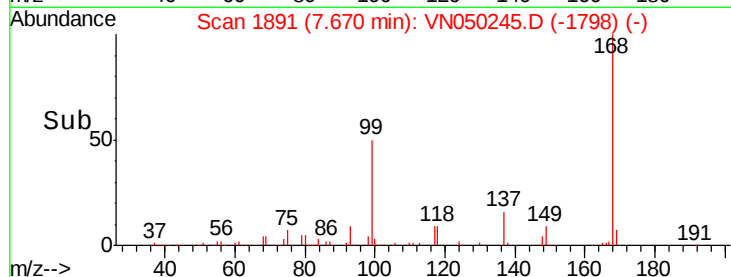
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200000

100000

0

Time-->



#16

Acetone

Concen: 7.756 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050245.D

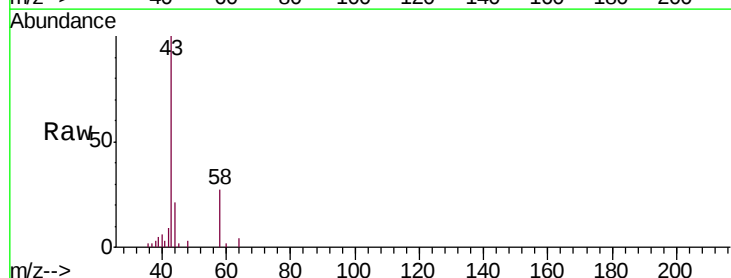
Acq: 1 Aug 2018 13:30

Tgt Ion: 43 Resp: 26419

Ion Ratio Lower Upper

43 100

58 27.3 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

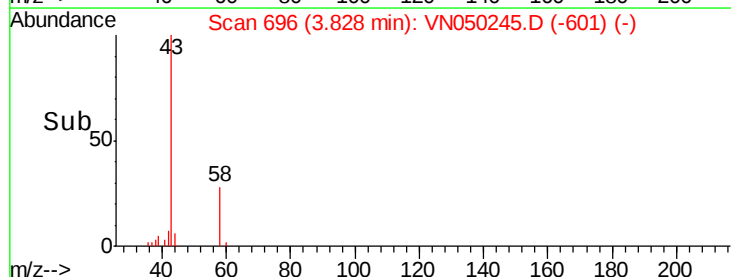
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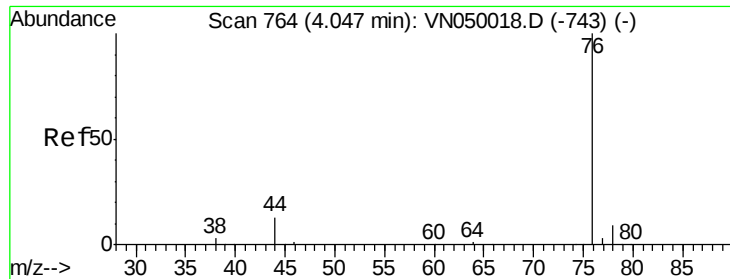
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Time-->





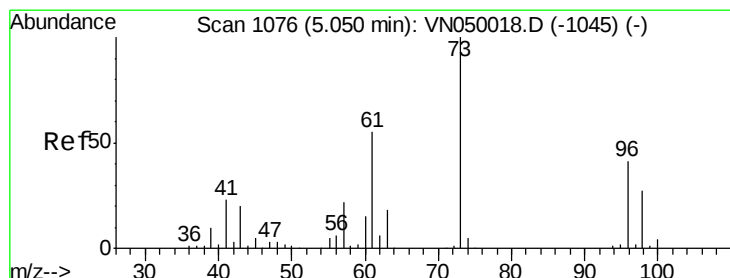
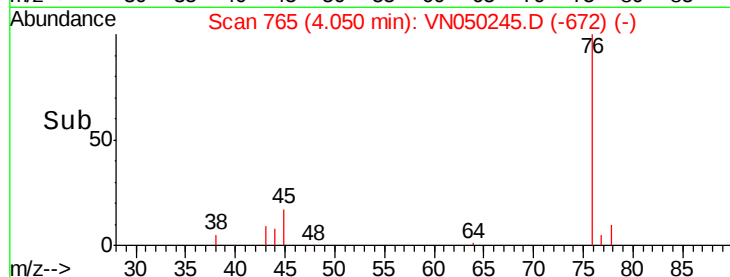
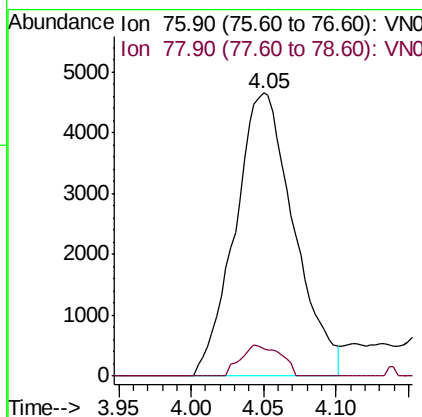
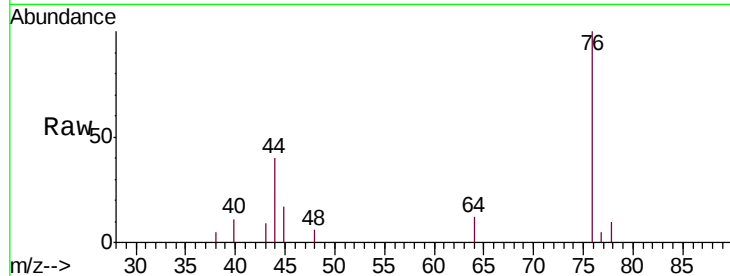
#17
Carbon Disulfide
Concen: 0.553 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Instrument :
MSVOA_N
ClientSampled :
MW-09

Tgt Ion: 76 Resp: 13129
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

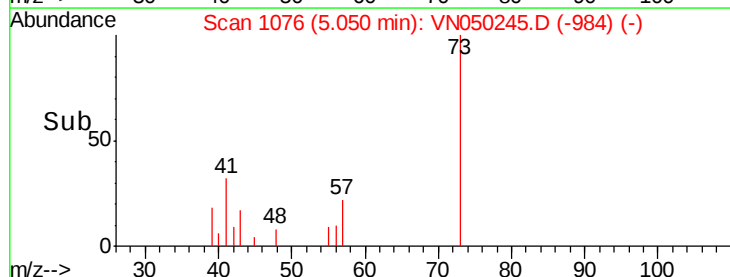
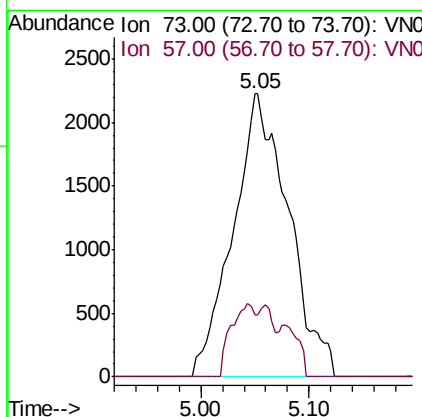
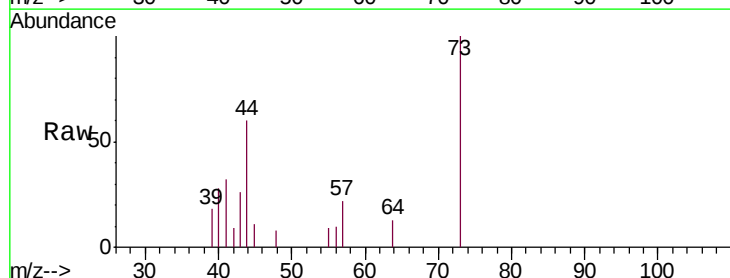
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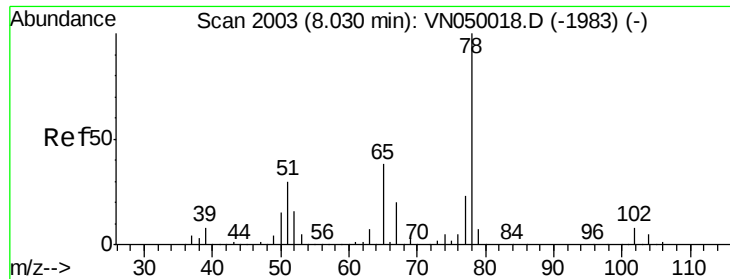
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#19
Methyl tert-butyl Ether
Concen: 0.385 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 73 Resp: 7938
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0





#33

1,2-Dichloroethane-d4

Concen: 49.824 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampled :

MW-09

Tgt Ion: 65 Resp: 467083

Ion Ratio Lower Upper

65 100

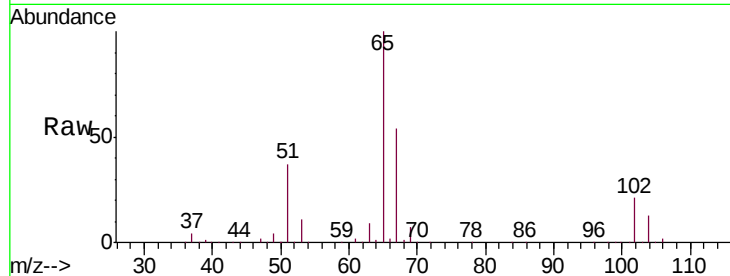
67 53.6 0.0 108.4

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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

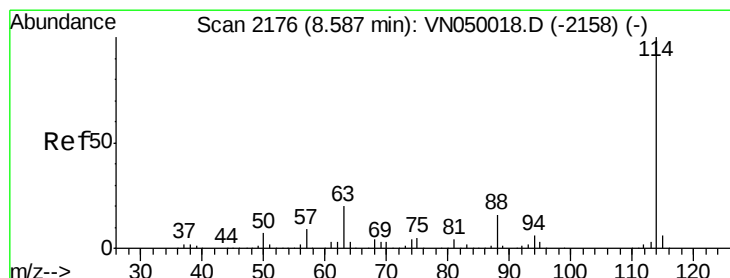
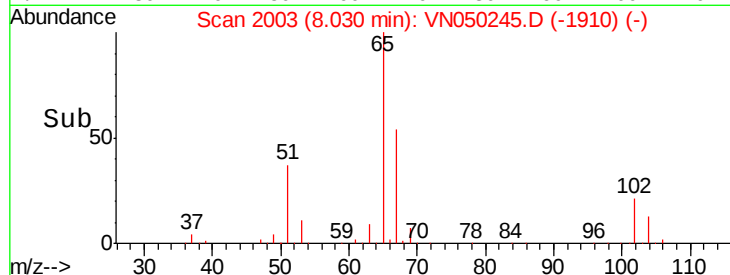
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

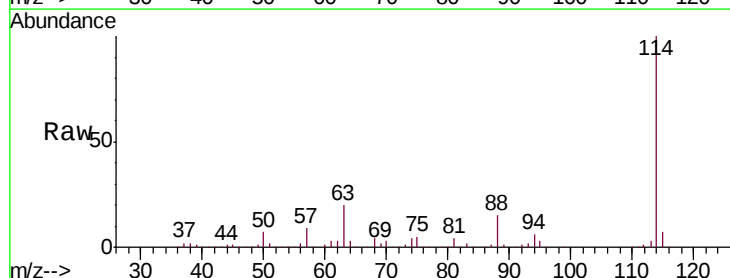
Tgt Ion: 114 Resp: 1091985

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

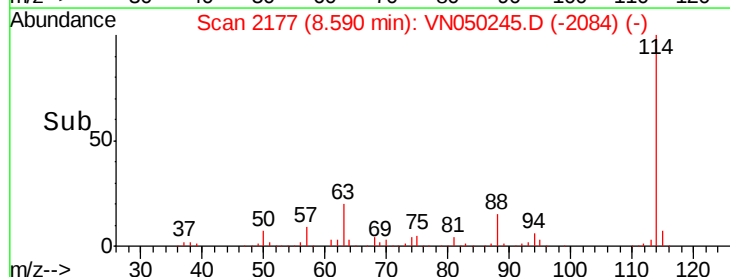
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400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 46.816 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampled :

MW-09

Tgt Ion: 113 Resp: 417403
Ion Ratio Lower Upper

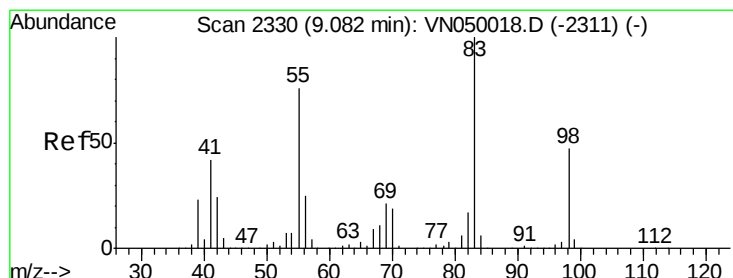
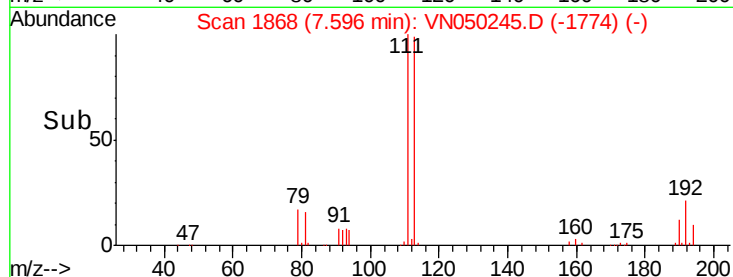
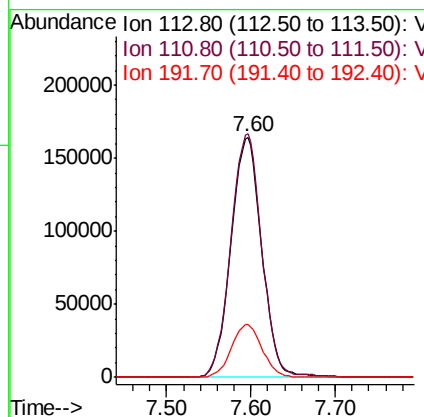
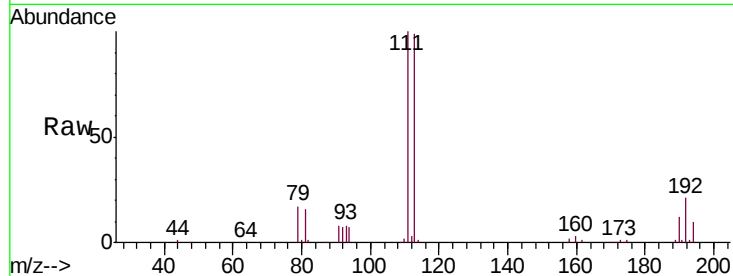
113 100

111 102.1 80.7 121.1

192 21.9 17.8 26.6

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#39

Methylcyclohexane

Concen: 0.523 ug/l

RT: 9.08 min Scan# 2329

Delta R.T. -0.01 min

Lab File: VN050245.D

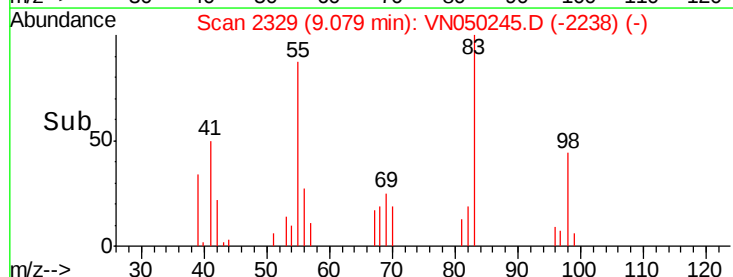
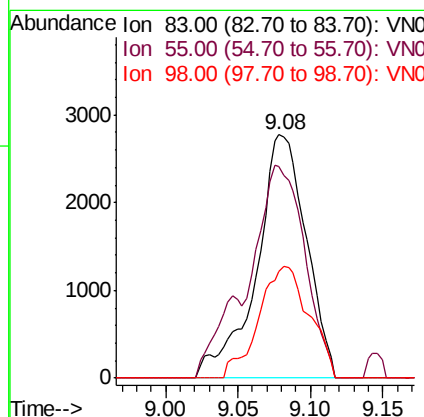
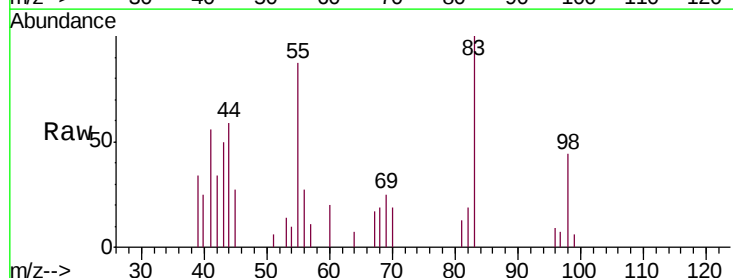
Acq: 1 Aug 2018 13:30

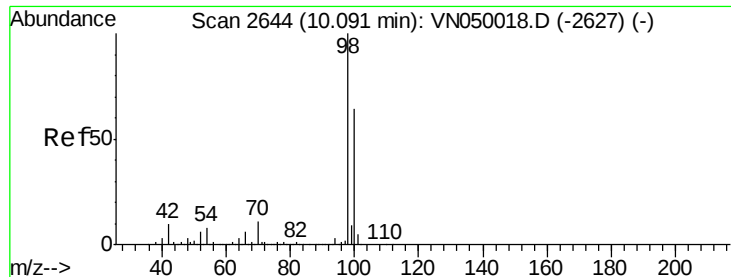
Tgt Ion: 83 Resp: 6621
Ion Ratio Lower Upper

83 100

55 87.0 61.8 92.8

98 43.8 36.5 54.7





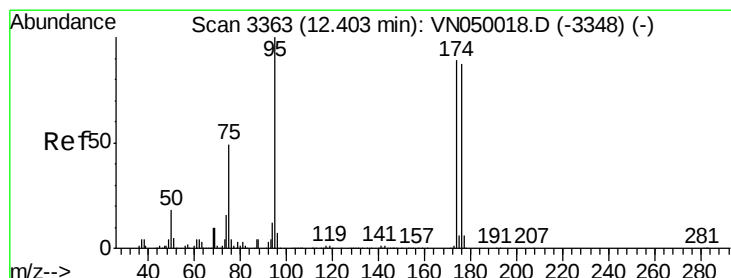
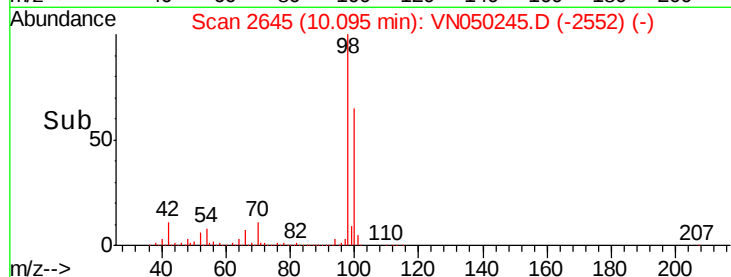
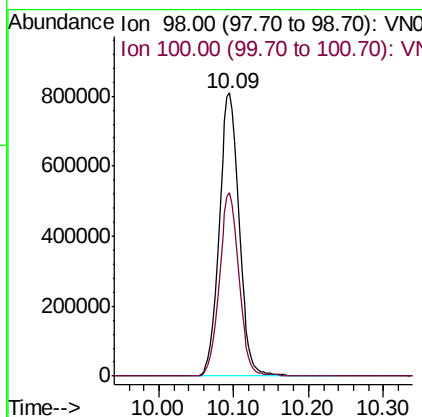
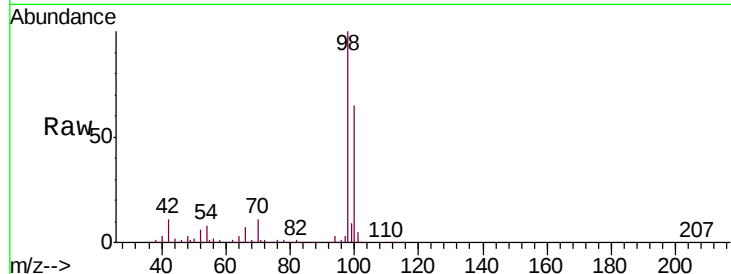
#50
Toluene-d8
Concen: 45.447 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Instrument :
MSVOA_N
ClientSampleId :
MW-09

Tgt Ion: 98 Resp: 1489650
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1

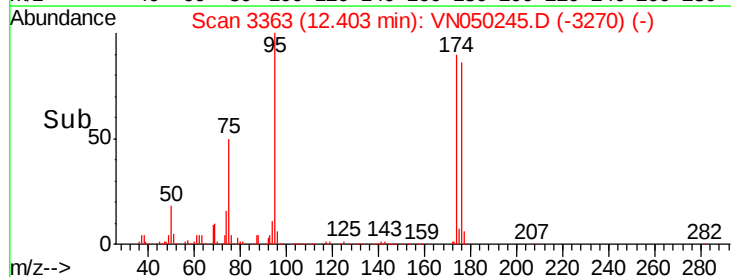
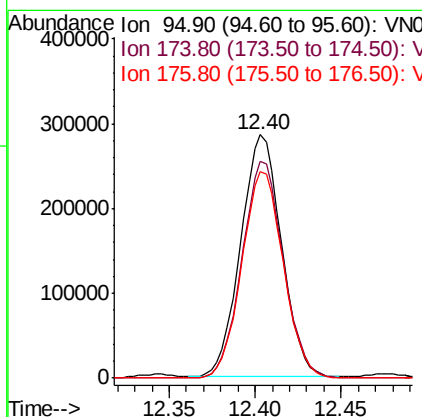
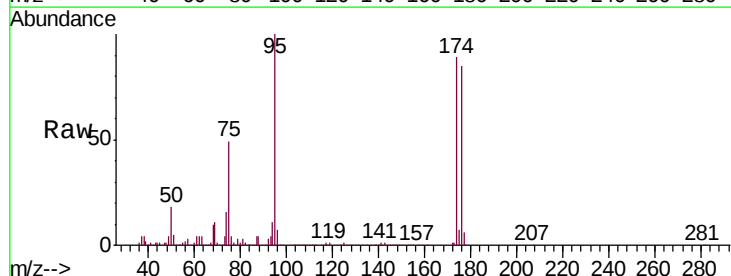
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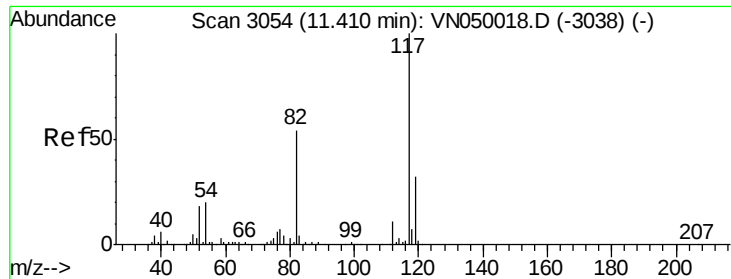
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#62
4-Bromofluorobenzene
Concen: 43.435 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 95 Resp: 468793
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 87.0 0.0 173.4





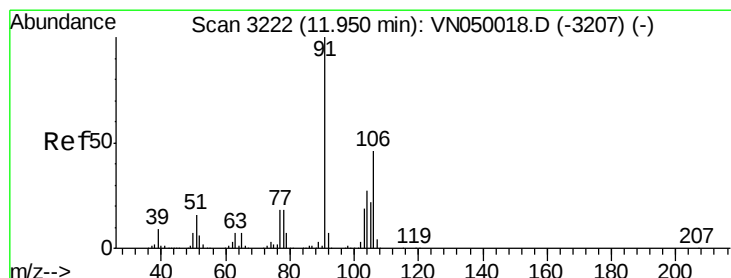
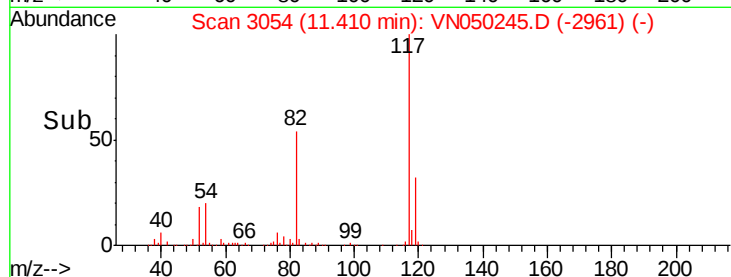
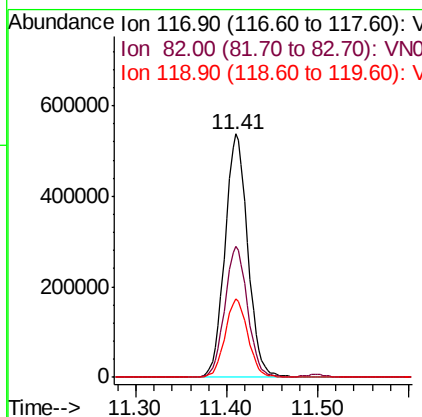
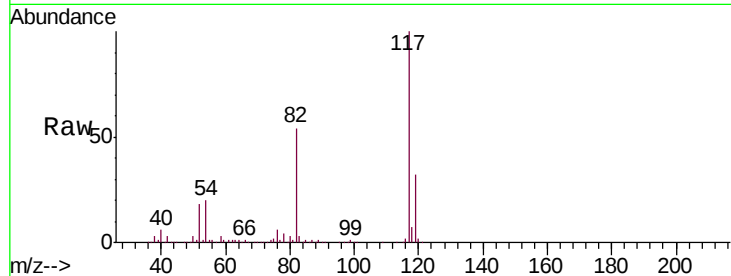
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Instrument :
MSVOA_N
ClientSampled :
MW-09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.7	65.5
119	32.1	26.1	39.1

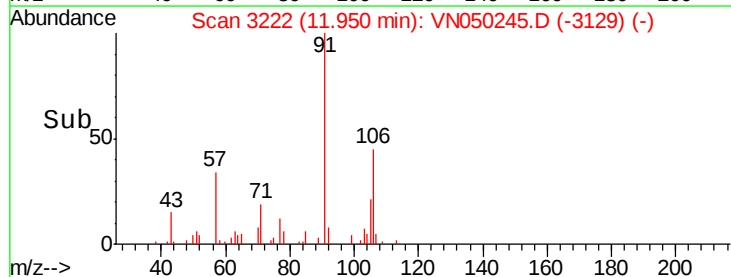
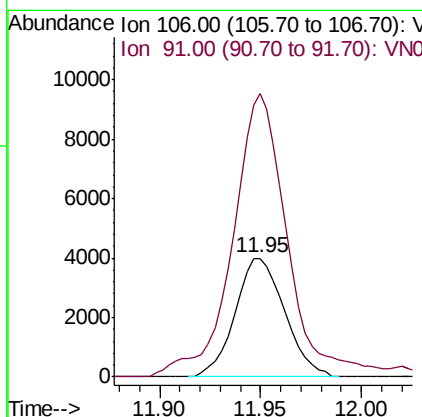
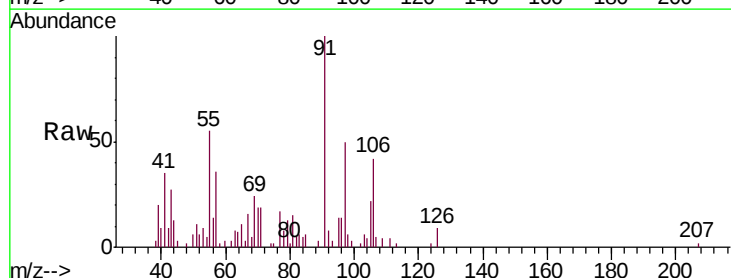
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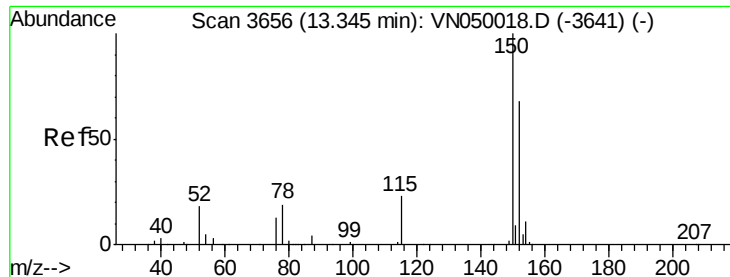
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#69
o-Xylene
Concen: 0.501 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion	Ratio	Lower	Upper
106	100		
91	264.5	107.7	323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

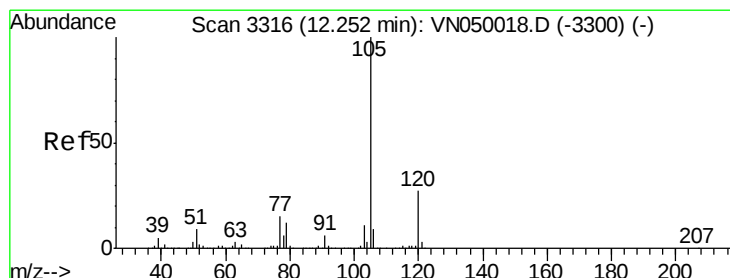
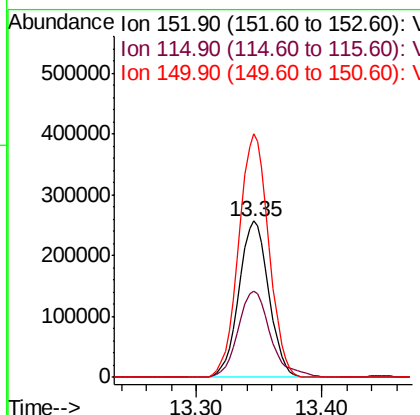
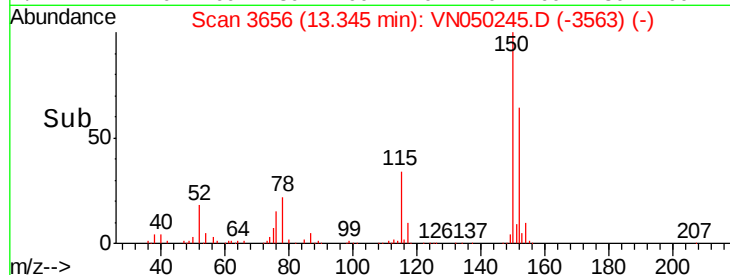
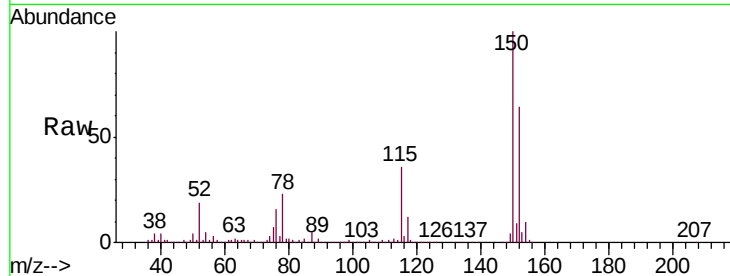
ClientSampled :

MW-09

Tgt Ion:	152	Resp:	423715
Ion Ratio	Lower	Upper	
152	100		
115	59.9	27.8	83.3
150	157.0	0.0	348.6

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#73

Isopropylbenzene

Concen: 3.244 ug/l

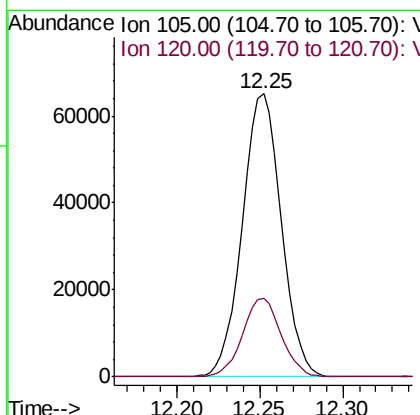
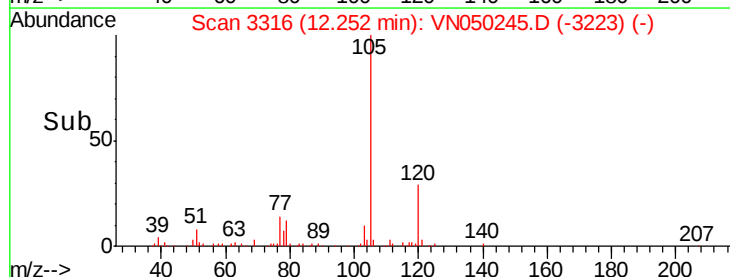
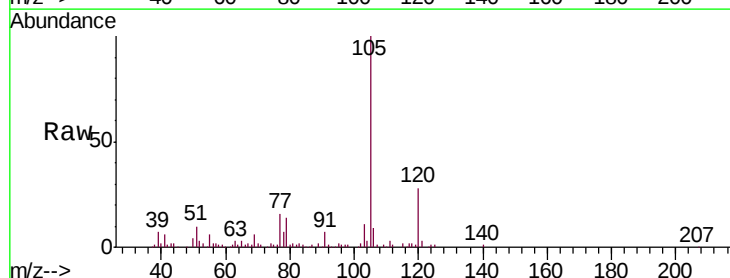
RT: 12.25 min Scan# 3316

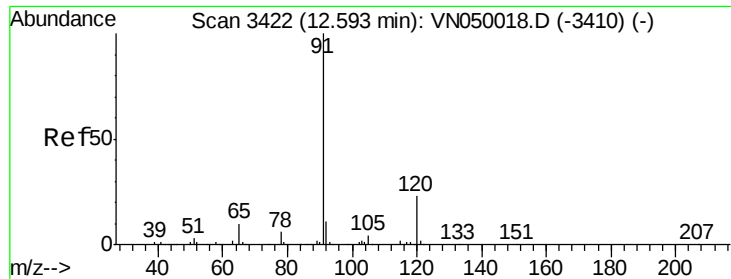
Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Tgt Ion:	105	Resp:	106607
Ion Ratio	Lower	Upper	
105	100		
120	27.6	13.3	39.8





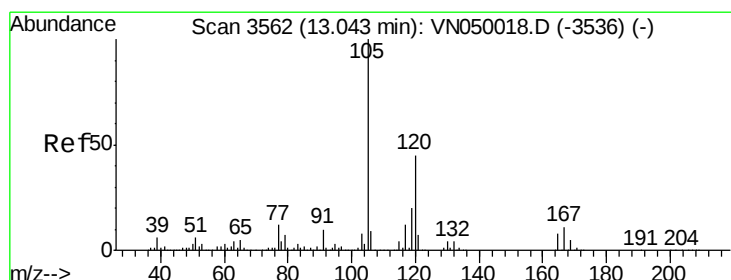
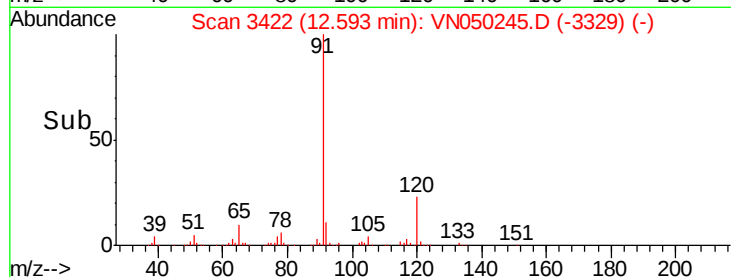
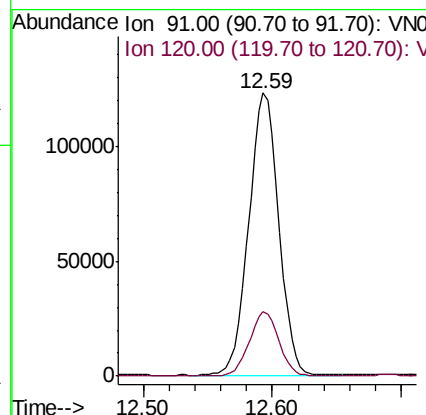
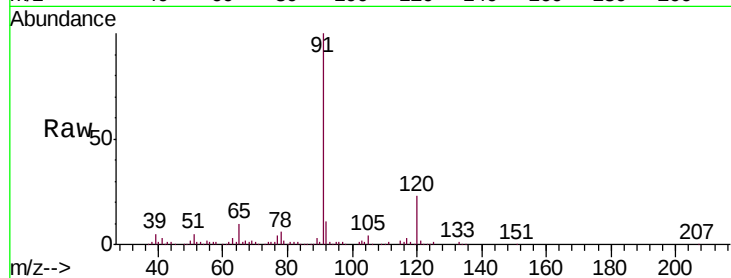
#78
n-propylbenzene
Concen: 5.405 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Instrument :
MSVOA_N
ClientSampled :
MW-09

Tgt Ion: 91 Resp: 198526
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7

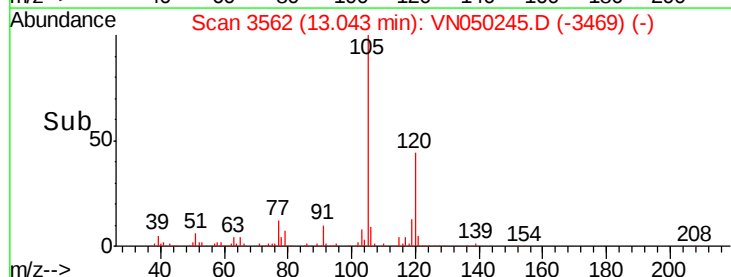
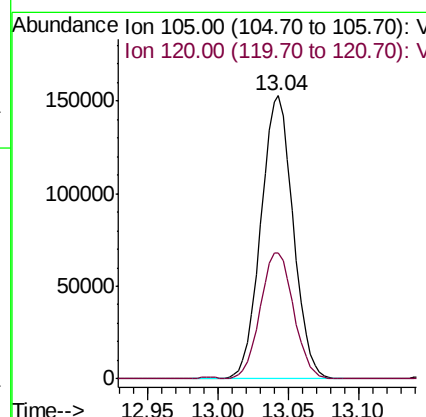
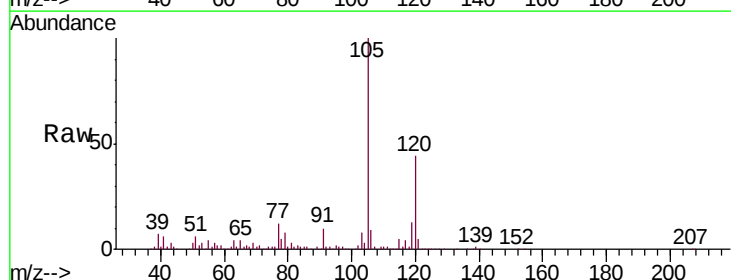
Manual Integrations
APPROVED

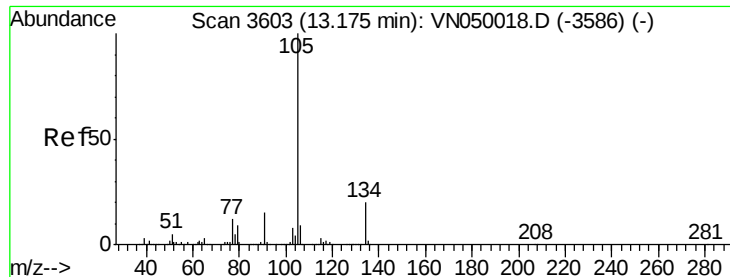
MMDadoda
8/2/2018 9:54:07 AM



#84
1,2,4-Trimethylbenzene
Concen: 9.381 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050245.D
Acq: 1 Aug 2018 13:30

Tgt Ion: 105 Resp: 244415
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 5.064 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

Instrument :

MSVOA_N

ClientSampled :

MW-09

Tgt Ion: 105 Resp: 152624

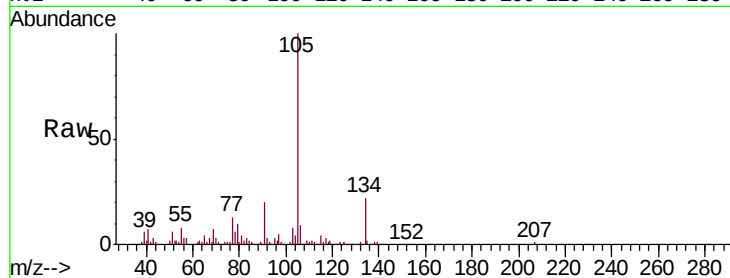
Ion Ratio Lower Upper

105 100

134 27.9 10.1 30.1

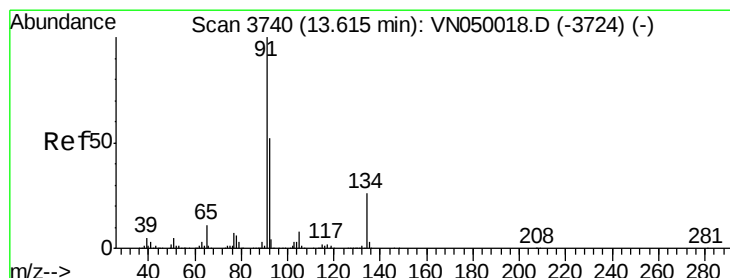
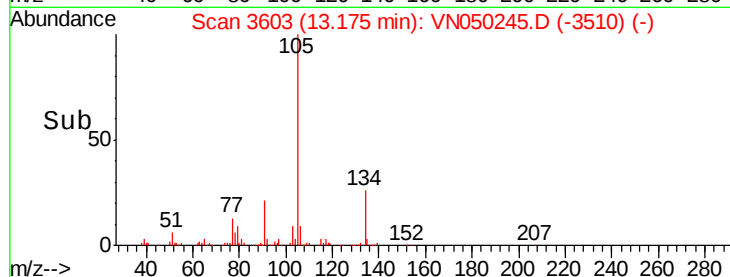
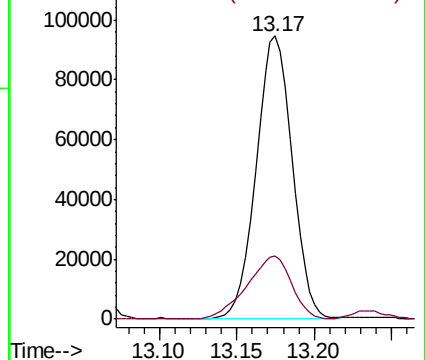
Manual Integrations
APPROVED

MMDadoda
8/2/2018 9:54:07 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 2.663 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050245.D

Acq: 1 Aug 2018 13:30

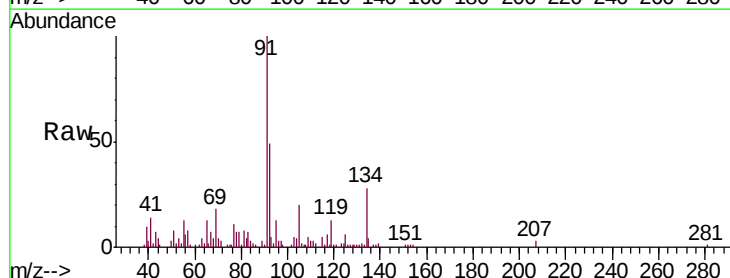
Tgt Ion: 91 Resp: 55610

Ion Ratio Lower Upper

91 100

92 42.8 25.8 77.4

134 60.7 12.8 38.4#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

