

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050241.D
 Acq On : 1 Aug 2018 11:50
 Operator : MD\SY
 Sample : J4256-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A27

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:53:55 AM

Quant Time: Aug 02 01:39:34 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	676950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	916614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	467451	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	7.59	113	415140	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	10.09	98	1491829	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.40	95	428294	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	5728	0.514	ug/l #	65
17) Carbon Disulfide	4.04	76	6136	0.257	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	49225	2.367	ug/l	98
39) Methylcyclohexane	9.08	83	4149	0.328	ug/l	90
73) Isopropylbenzene	12.25	105	32715	1.148	ug/l	96
78) n-propylbenzene	12.59	91	32107	1.008	ug/l	98
83) tert-Butylbenzene	12.99	119	17589	0.899	ug/l	94
85) sec-Butylbenzene	13.17	105	107339	4.108	ug/l	87
89) n-Butylbenzene	13.61	91	20380m	1.126	ug/l	

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

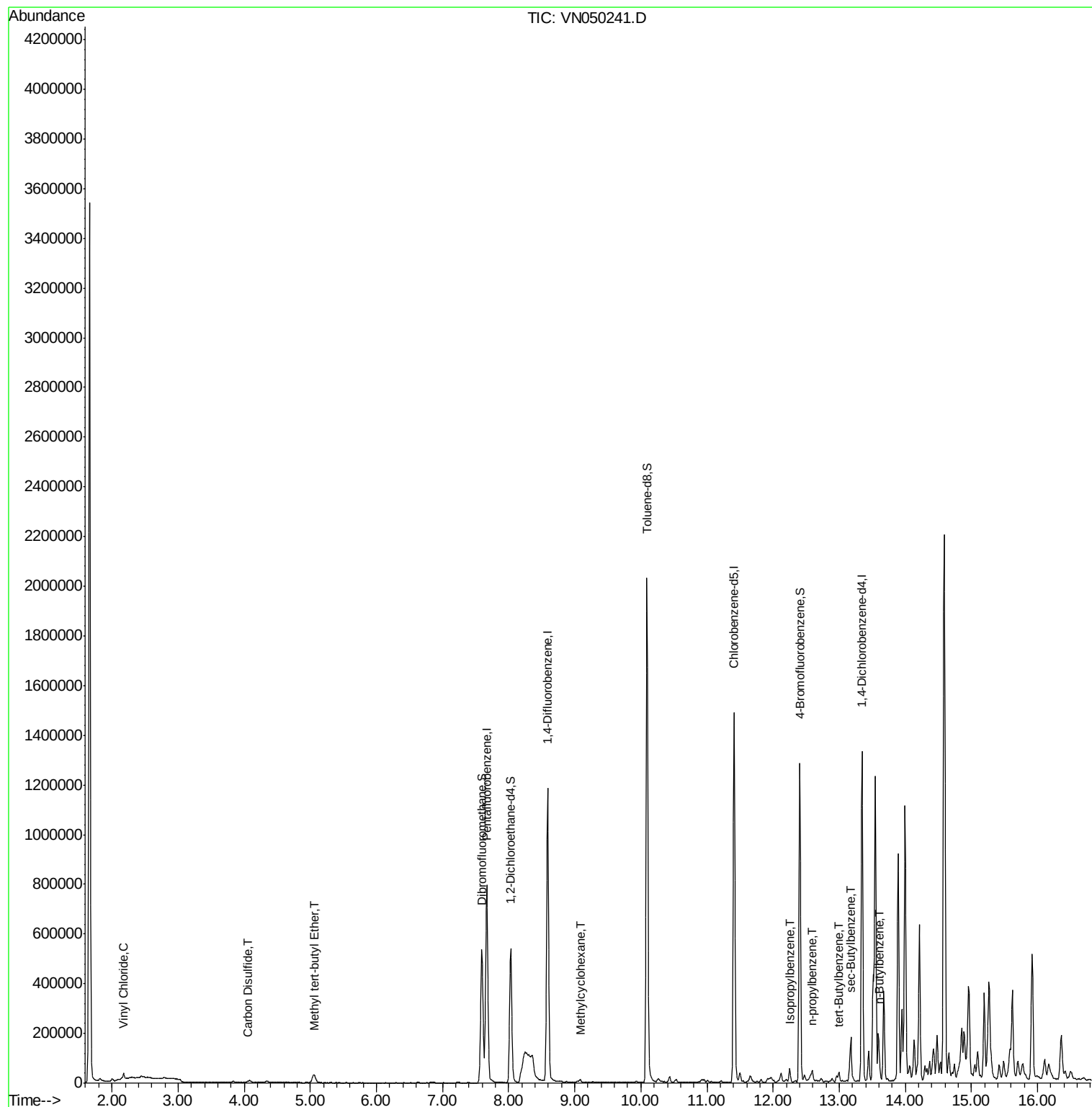
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
Data File : VN050241.D
Acq On : 1 Aug 2018 11:50
Operator : MD\SY
Sample : J4256-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

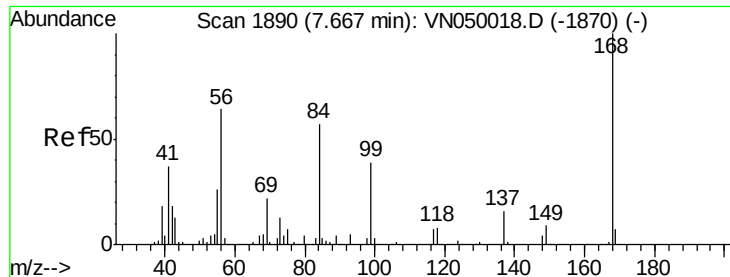
Instrument :
MSVOA_N
ClientSampleId :
MW-A27

Manual Integrations
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8/2/2018 9:53:55 AM

Quant Time: Aug 02 01:39:34 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: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

MW-A27

Tot Ion:168 Resp: 676950

Ion Ratio Lower Upper

168 100

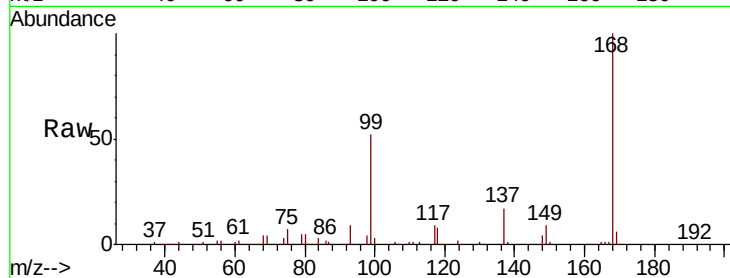
99 52.2 40.0 60.0

Manual Integrations

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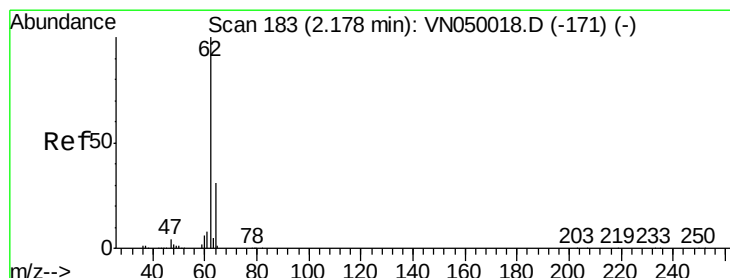
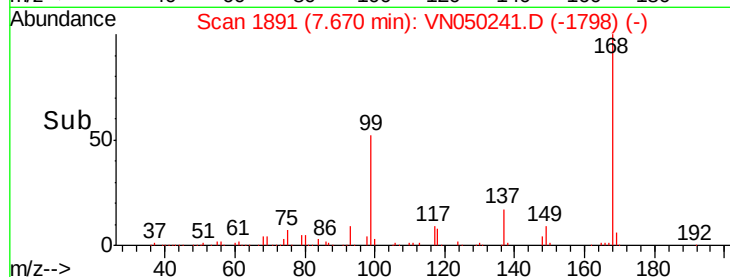
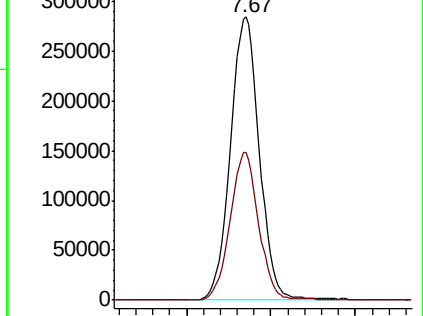
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 0.514 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050241.D

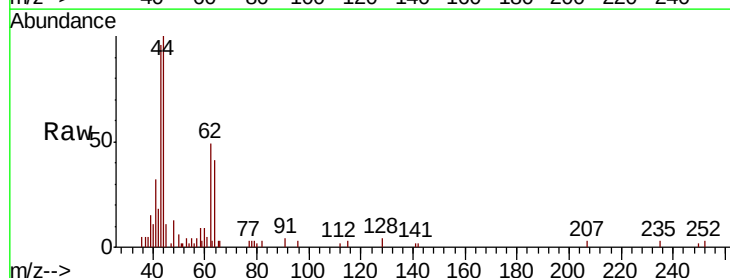
Acq: 1 Aug 2018 11:50

Tgt Ion: 62 Resp: 5728

Ion Ratio Lower Upper

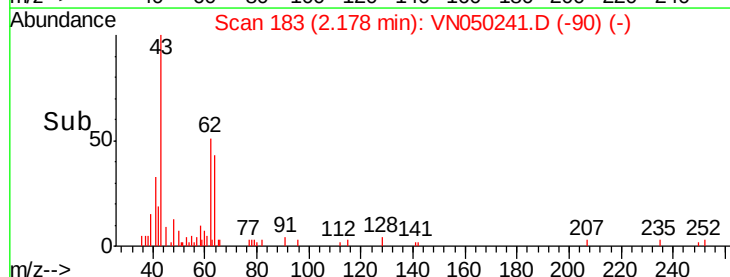
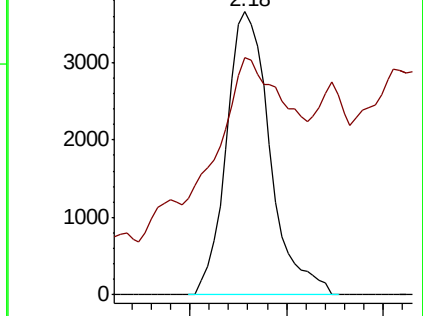
62 100

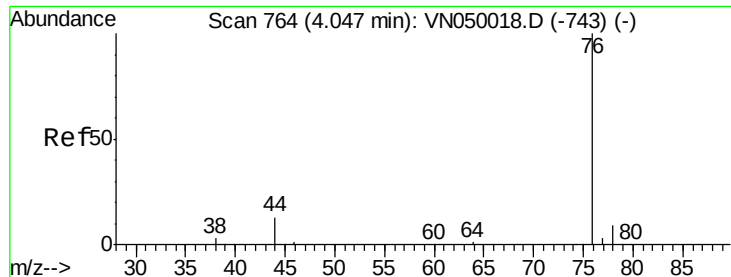
64 50.0 24.7 37.1#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.01 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Tot Ion: 76 Resp: 6136

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

Instrument :

MSVOA_N

ClientSampled :

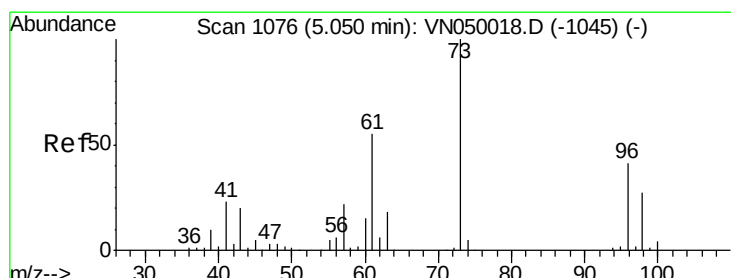
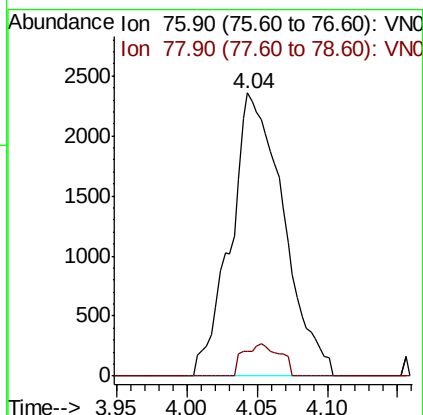
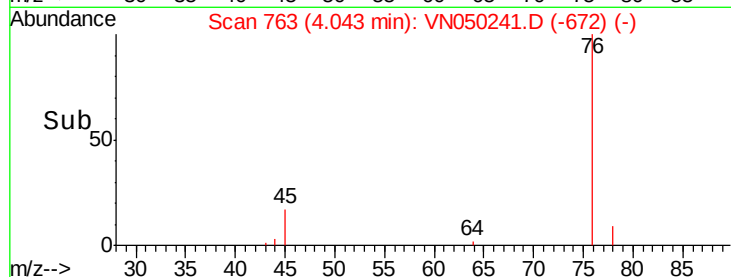
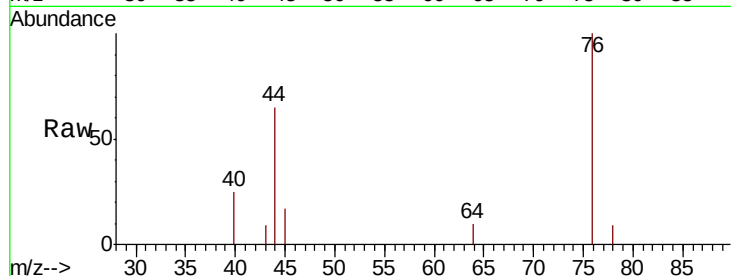
MW-A27

Manual Integrations

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#19

Methyl tert-butyl Ether

Concen: 2.367 ug/l

RT: 5.06 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VN050241.D

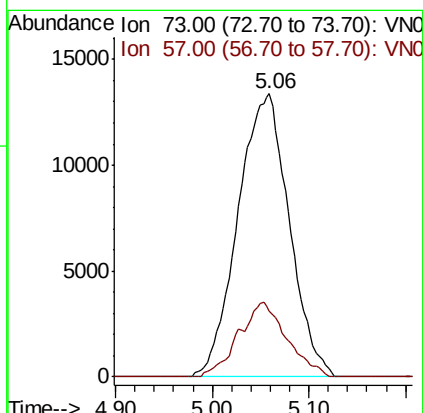
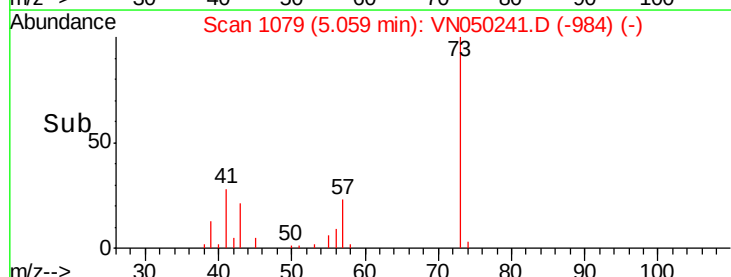
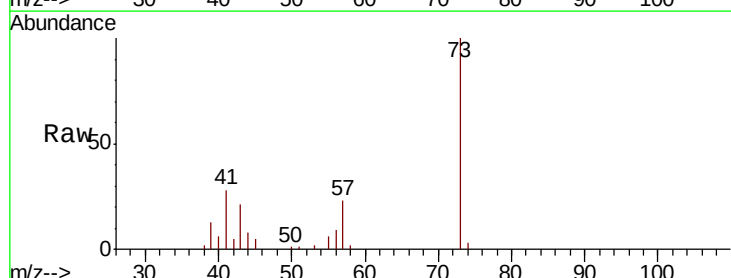
Acq: 1 Aug 2018 11:50

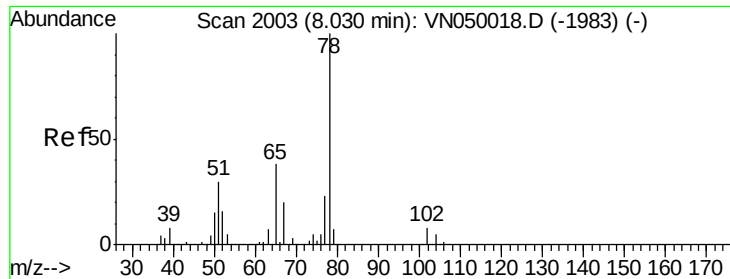
Tgt Ion: 73 Resp: 49225

Ion Ratio Lower Upper

73 100

57 23.4 18.0 27.0





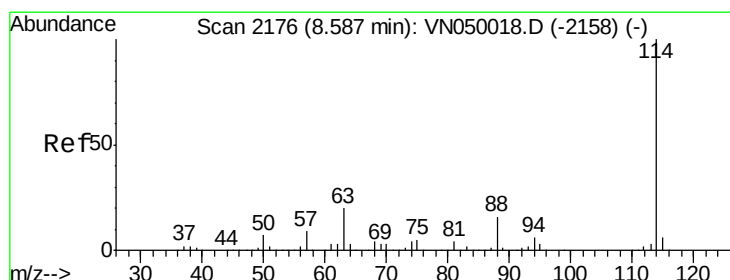
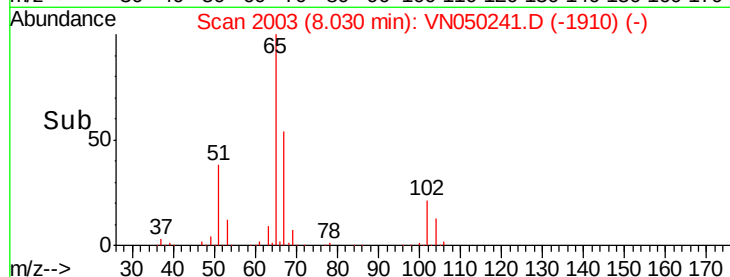
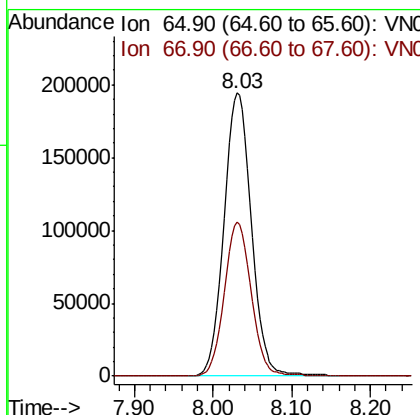
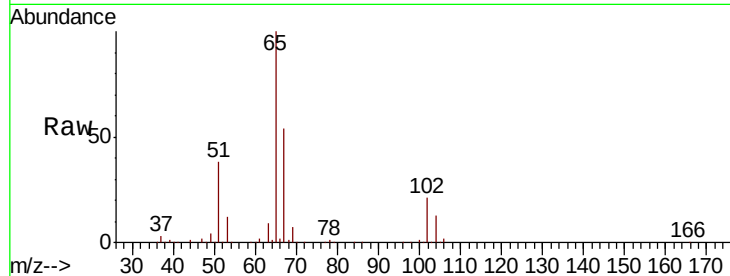
#33
 1,2-Dichloroethane-d4
 Concen: 49.492 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A27

Tot Ion	Ratio	Resp	Lower	Upper
65	100	467451		
67	53.3	0.0	108.4	

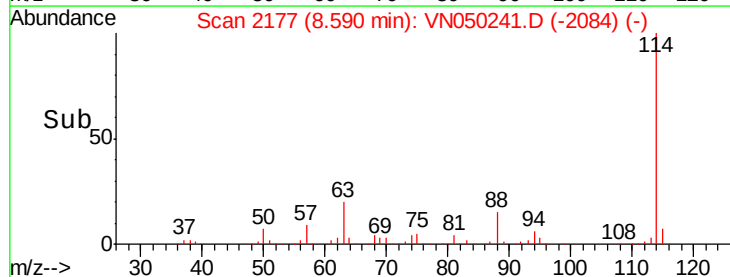
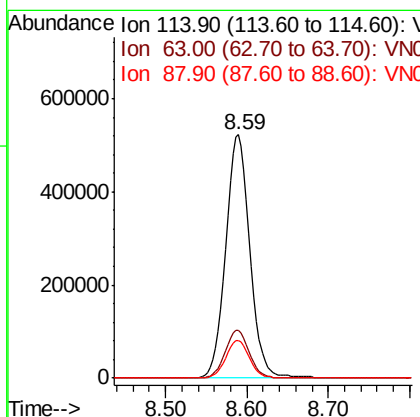
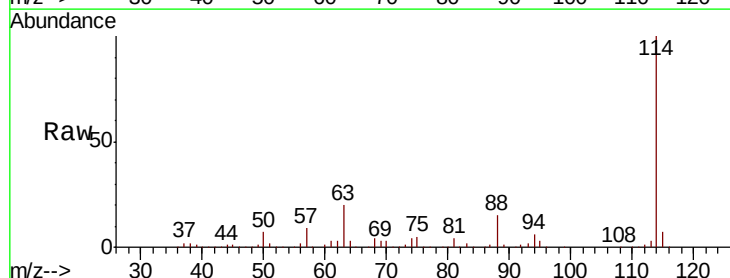
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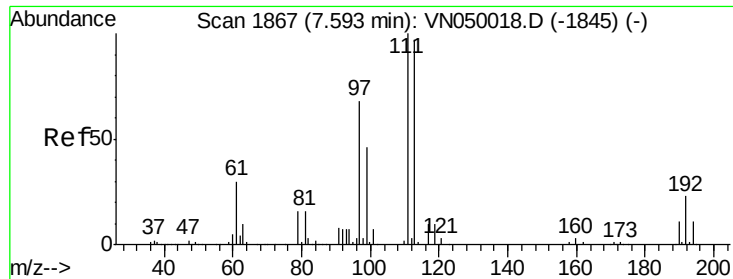
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1090774		
63	19.8	0.0	40.0	
88	15.5	0.0	31.2	





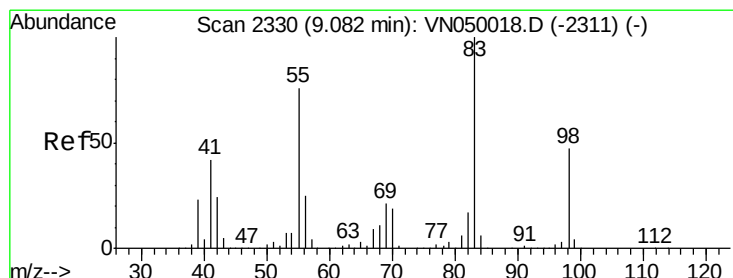
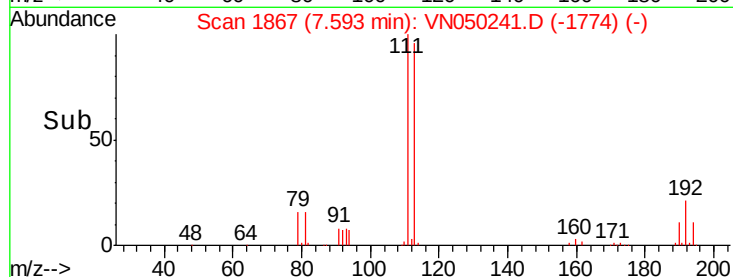
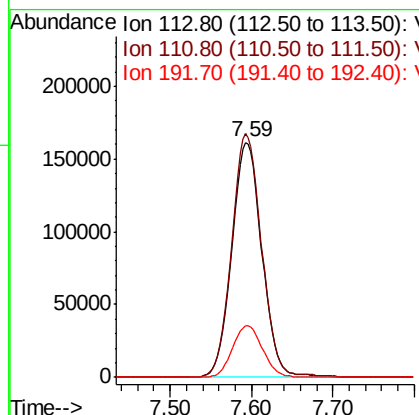
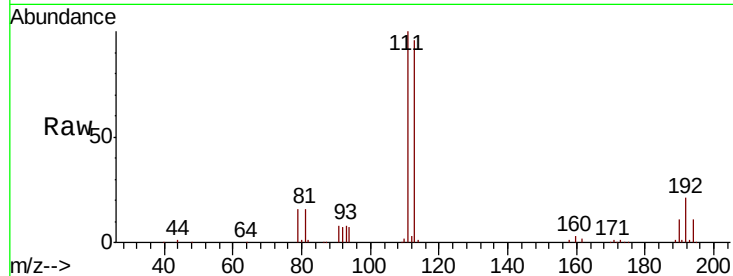
#35
 Dibromofluoromethane
 Concen: 46.614 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A27

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	22.1	17.8	26.6

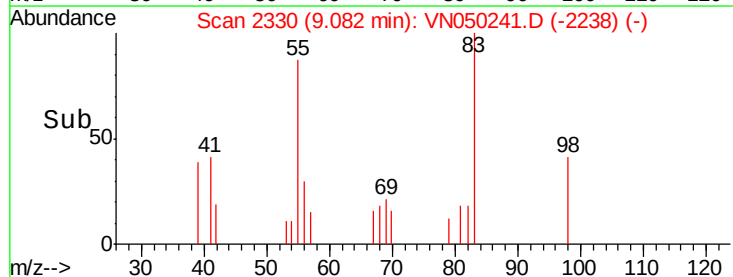
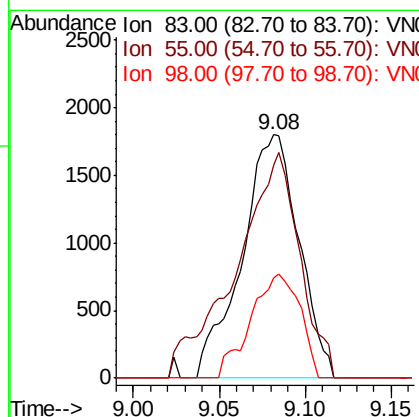
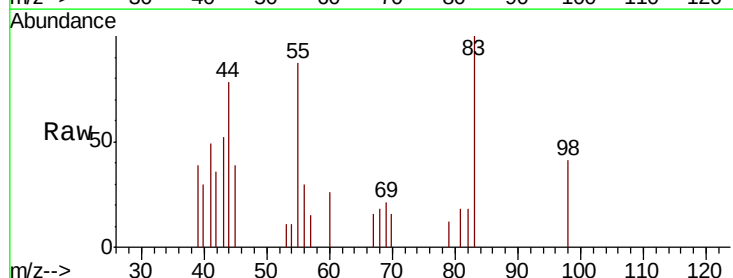
Manual Integrations
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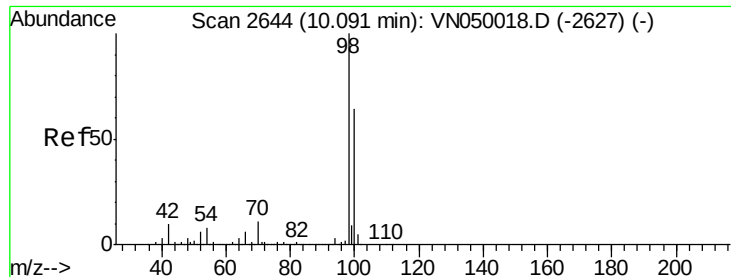
MMDadoda
 8/2/2018 9:53:55 AM



#39
 Methylcyclohexane
 Concen: 0.328 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.2	61.8	92.8
98	41.0	36.5	54.7





#50

Toluene-d8

Concen: 45.564 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

MW-A27

Tot Ion: 98 Resp: 1491829

Ion Ratio Lower Upper

98 100

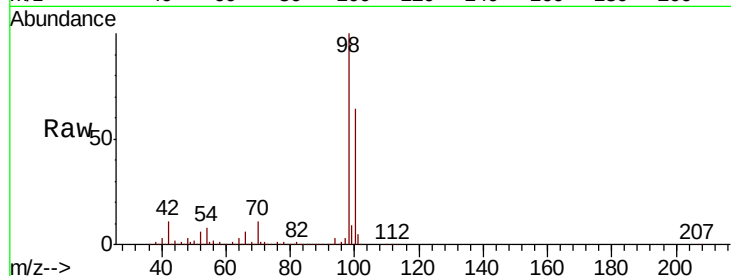
100 63.5 50.7 76.1

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Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

10.09

800000

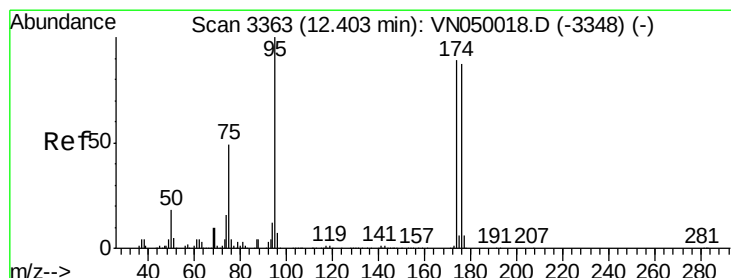
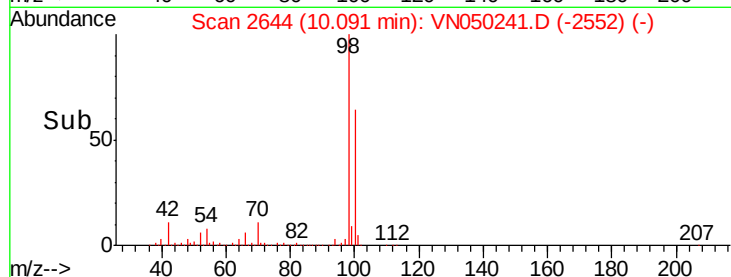
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.727 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

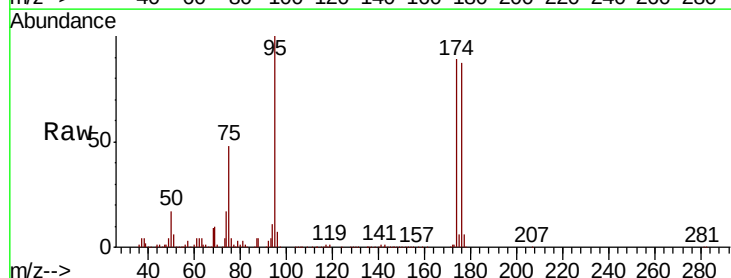
Tgt Ion: 95 Resp: 428294

Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.2

176 87.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

12.40

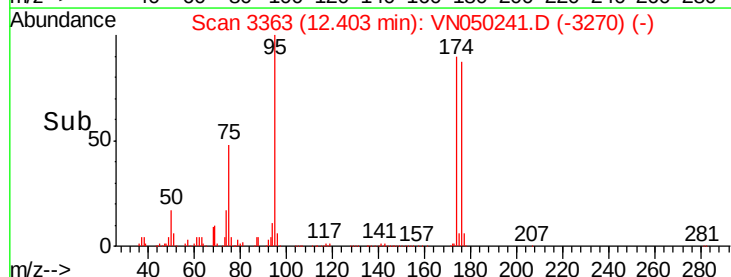
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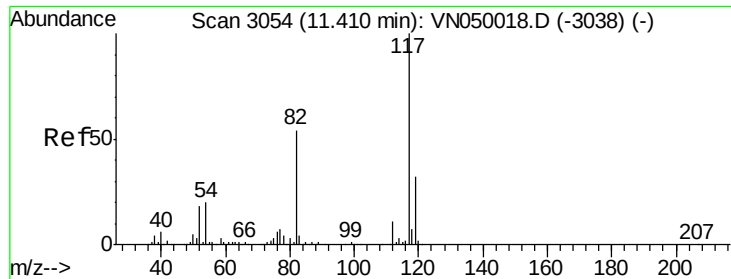
200000

100000

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Time-->





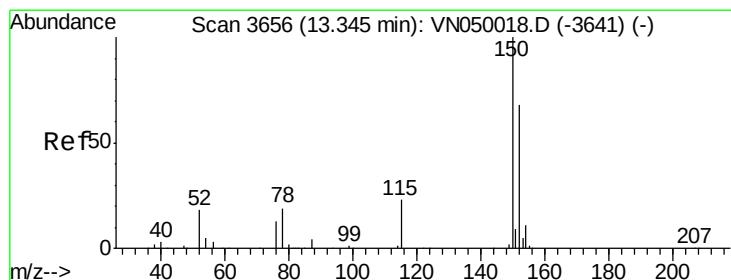
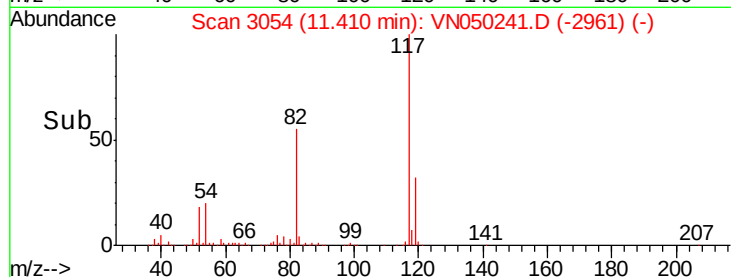
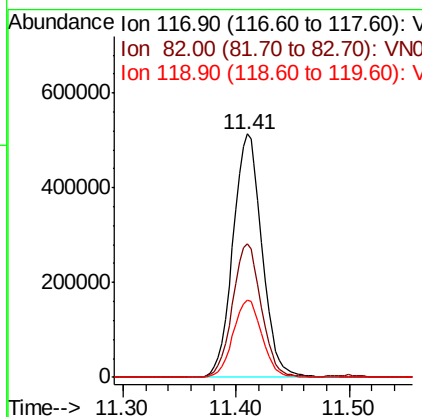
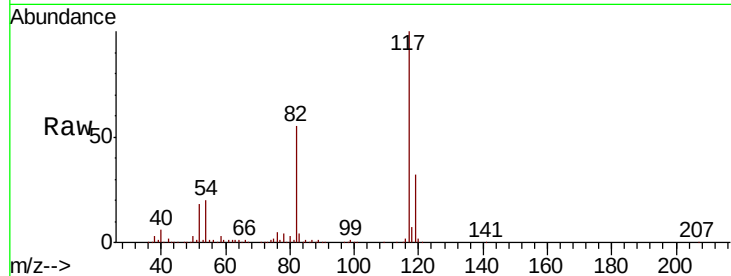
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Instrument :
MSVOA_N
ClientSampleId :
MW-A27

Tot Ion	Ratio	Resp	Lower	Upper
117	100	916614		
82	55.0	43.7	65.5	
119	31.9	26.1	39.1	

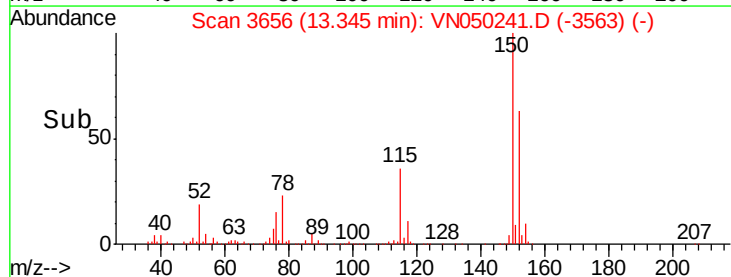
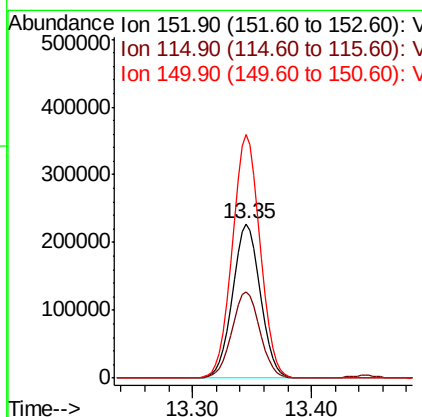
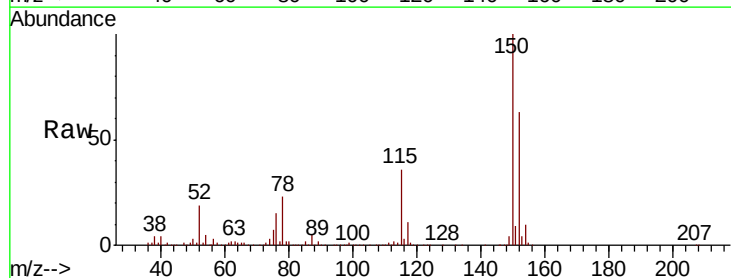
Manual Integrations
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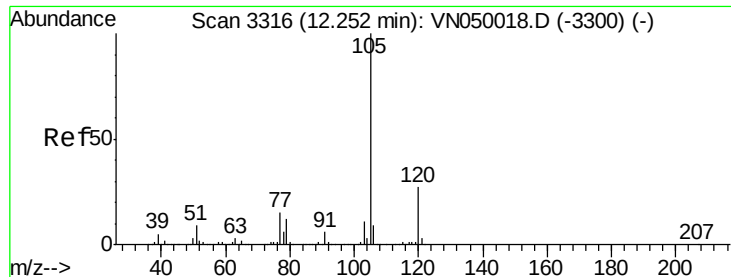
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	367332		
115	56.3	27.8	83.3	
150	157.3	0.0	348.6	





#73

Isopropylbenzene

Concen: 1.148 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050241.D

Acq: 1 Aug 2018 11:50

Instrument :

MSVOA_N

ClientSampleId :

MW-A27

Tot Ion: 105 Resp: 32715

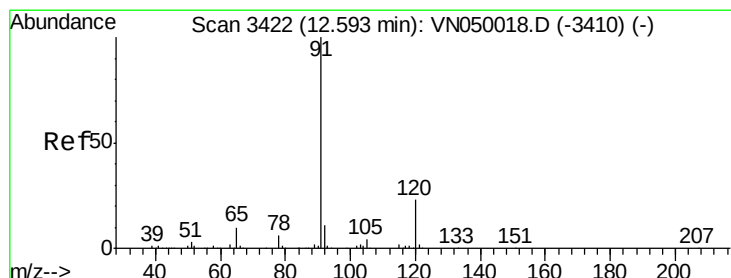
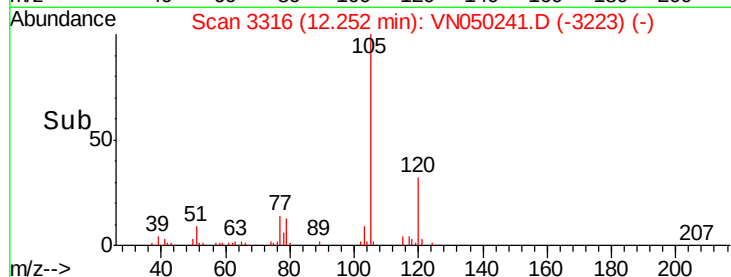
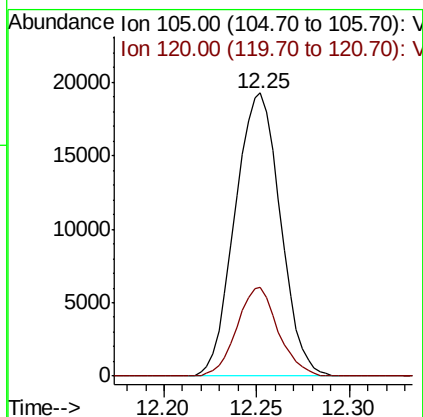
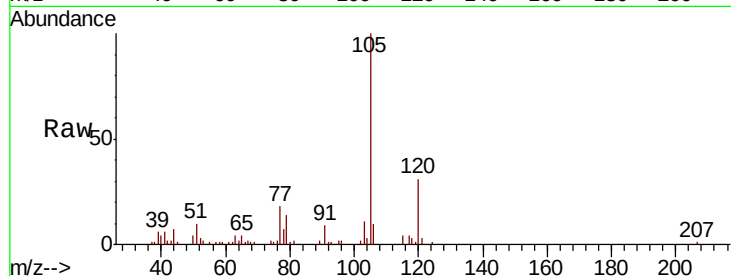
Ion Ratio Lower Upper

105 100

120 28.5 13.3 39.8

Manual Integrations
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8/2/2018 9:53:55 AM



#78

n-propylbenzene

Concen: 1.008 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050241.D

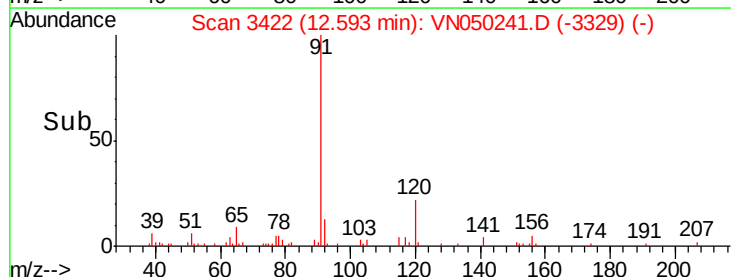
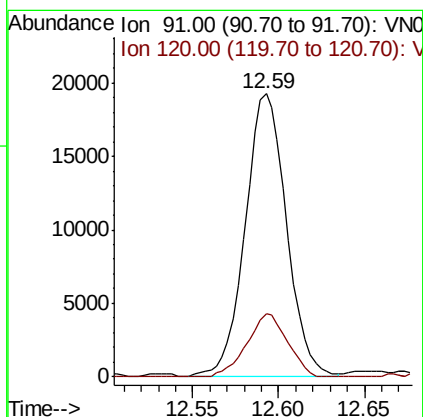
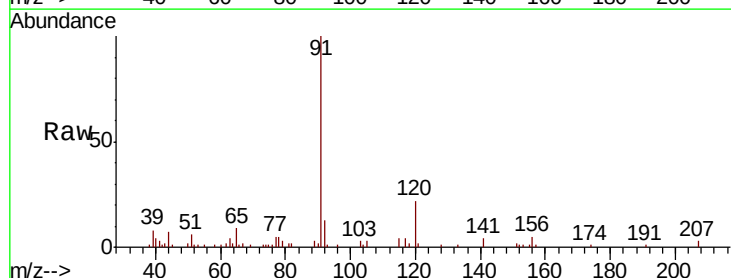
Acq: 1 Aug 2018 11:50

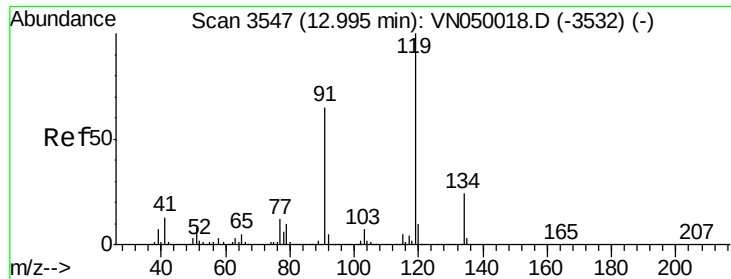
Tgt Ion: 91 Resp: 32107

Ion Ratio Lower Upper

91 100

120 21.9 11.6 34.7





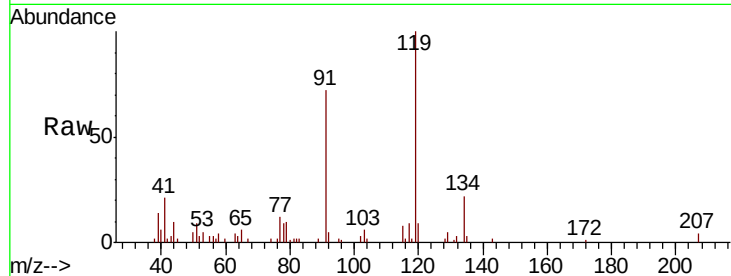
#83
tert-Butylbenzene
Concen: 0.899 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

Instrument :
MSVOA_N
ClientSampled :
MW-A27

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	32.1	96.3
134	22.8	13.2	39.5

Manual Integrations
APPROVED

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8/2/2018 9:53:55 AM

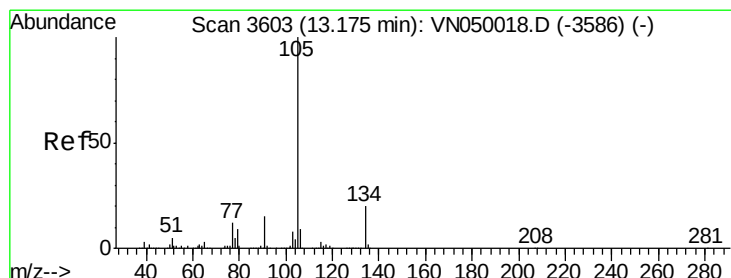
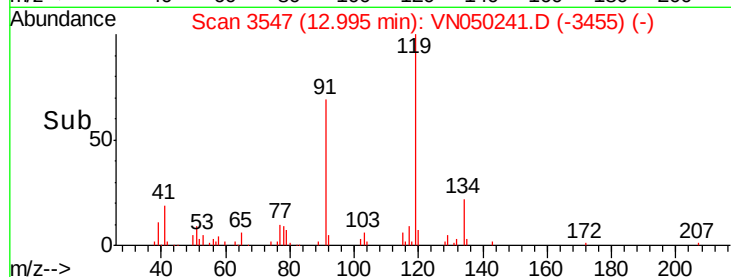
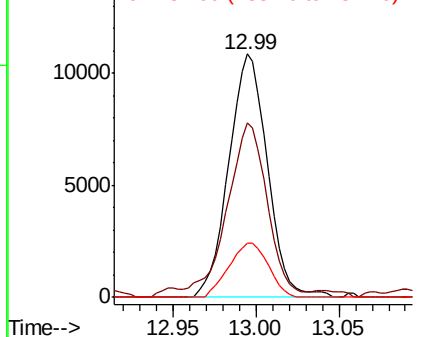


Abundance

Ion 119.00 (118.70 to 119.70): V

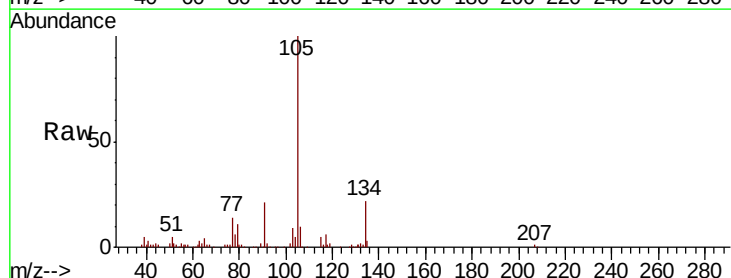
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#85
sec-Butylbenzene
Concen: 4.108 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN050241.D
Acq: 1 Aug 2018 11:50

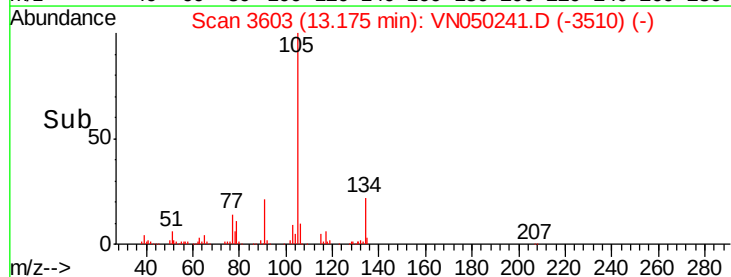
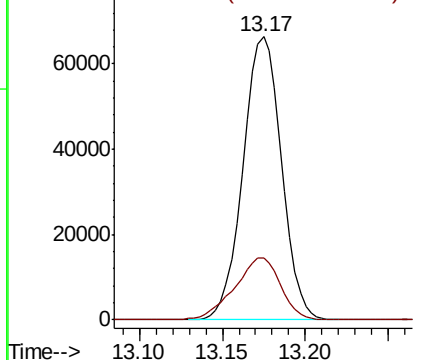
Tgt Ion	Ratio	Lower	Upper
105	100		
134	26.2	10.1	30.1

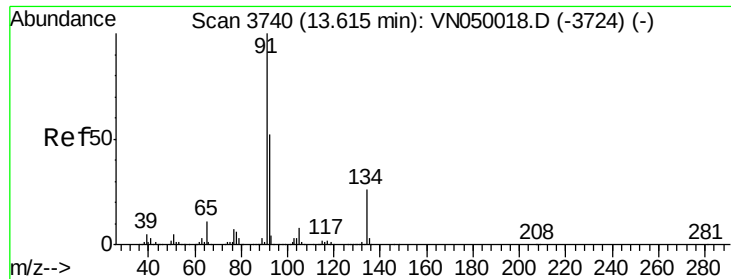


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#89
 n-Butylbenzene
 Concen: 1.126 ug/l m
 RT: 13.61 min Scan# 3739
 Delta R.T. -0.01 min
 Lab File: VN050241.D
 Acq: 1 Aug 2018 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A27

Tot Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.8	77.4#
134	166.9	12.8	38.4#

Manual Integrations
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 8/2/2018 9:53:55 AM

