

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080218\
 Data File : VN050295.D
 Acq On : 3 Aug 2018 5:02
 Operator : MD\SY
 Sample : J4304-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A16

Manual Integrations
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MMDadoda
 8/3/2018 9:37:13 AM

Quant Time: Aug 06 06:05:30 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	667137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1114639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	906808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	471434	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	7.59	113	428036	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	1483615	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
62) 4-Bromofluorobenzene	12.40	95	427292	38.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.58%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	15356	2.709	ug/l	90
17) Carbon Disulfide	4.05	76	11376	0.483	ug/l	100
18) Methyl Acetate	4.34	43	17300	0.413	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	5711m	0.279	ug/l	
39) Methylcyclohexane	9.08	83	3869	0.299	ug/l #	91
73) Isopropylbenzene	12.25	105	41071	1.447	ug/l	99
78) n-propylbenzene	12.59	91	7562	0.238	ug/l	97
83) tert-Butylbenzene	12.99	119	26806	1.376	ug/l	96
85) sec-Butylbenzene	13.17	105	122151	4.692	ug/l #	69
89) n-Butylbenzene	13.62	91	13584	0.753	ug/l	97

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

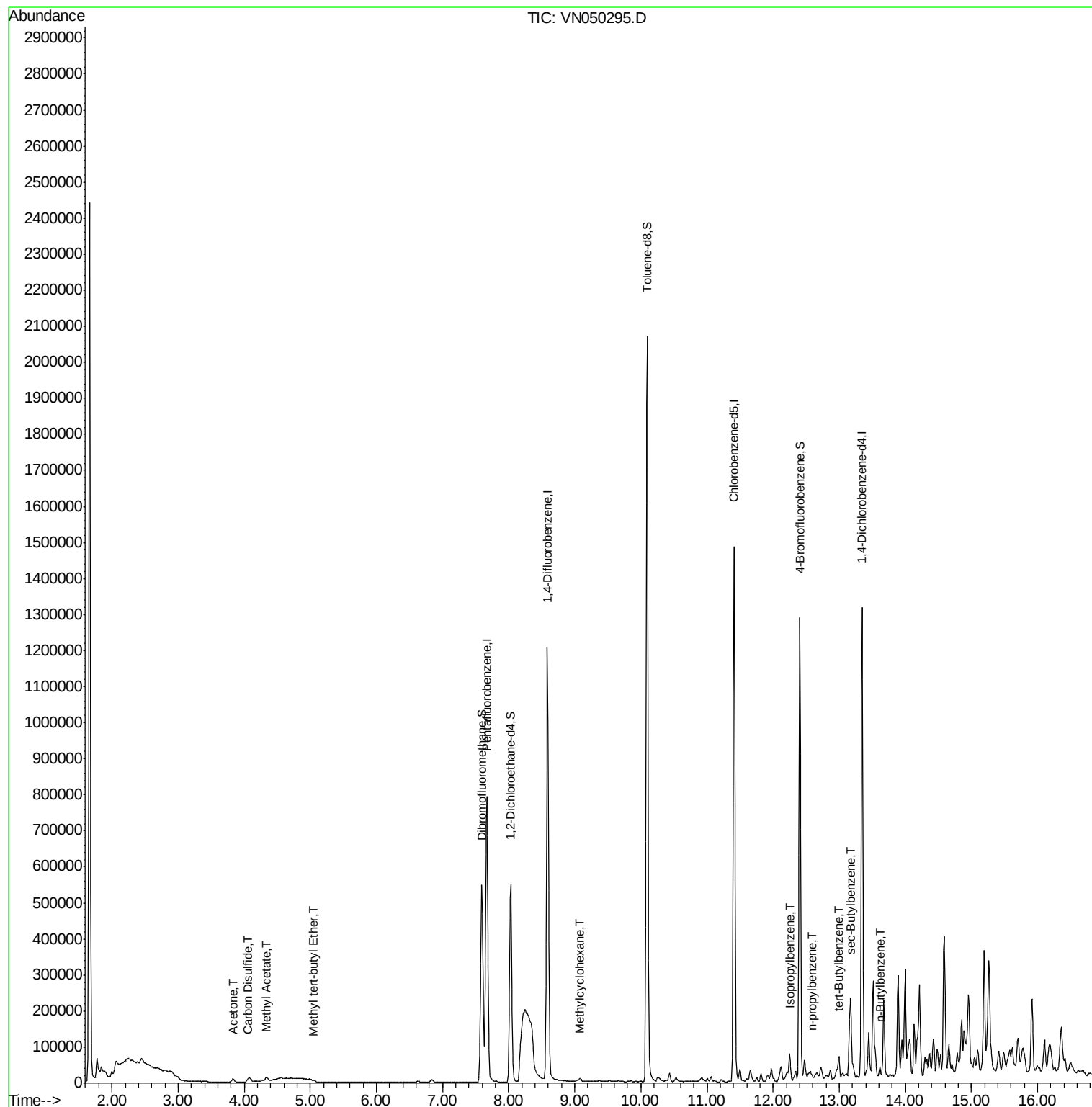
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080218\
Data File : VN050295.D
Acq On : 3 Aug 2018 5:02
Operator : MD\SY
Sample : J4304-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

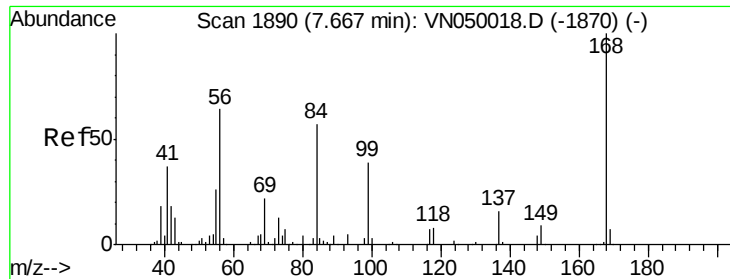
Instrument :
MSVOA_N
ClientSampleId :
MW-A16

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8/3/2018 9:37:13 AM

Quant Time: Aug 06 06:05:30 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: VN050295.D

Acq: 3 Aug 2018 5:02

Instrument :

MSVOA_N

ClientSampleId :

MW-A16

Tgt Ion:168 Resp: 667137

Ion Ratio Lower Upper

168 100

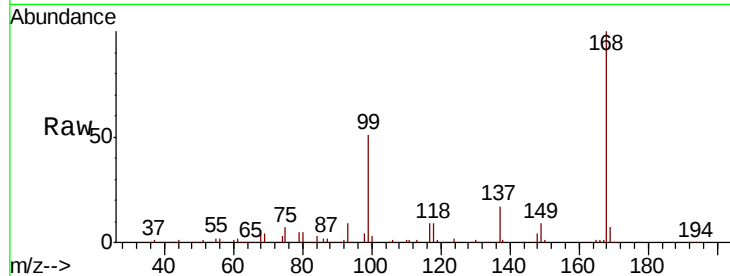
99 51.4 40.0 60.0

Manual Integrations

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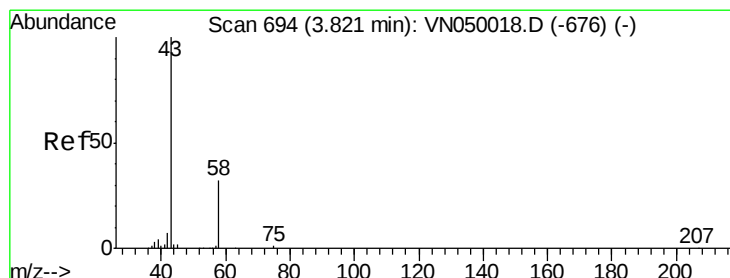
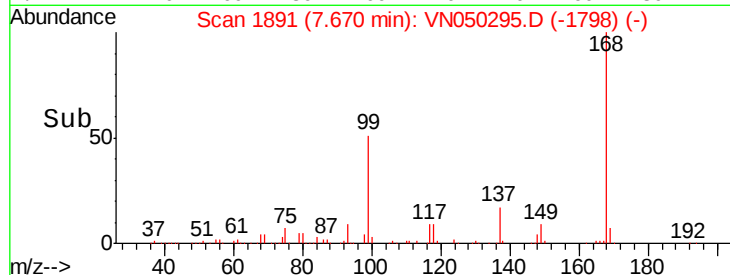
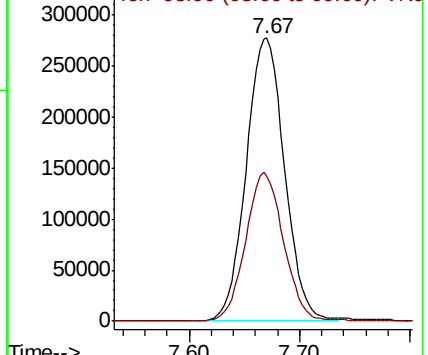
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 2.709 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050295.D

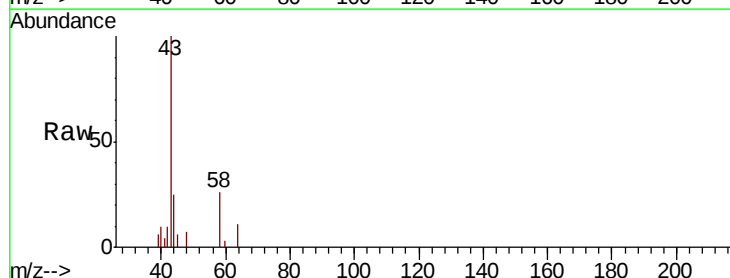
Acq: 3 Aug 2018 5:02

Tgt Ion: 43 Resp: 15356

Ion Ratio Lower Upper

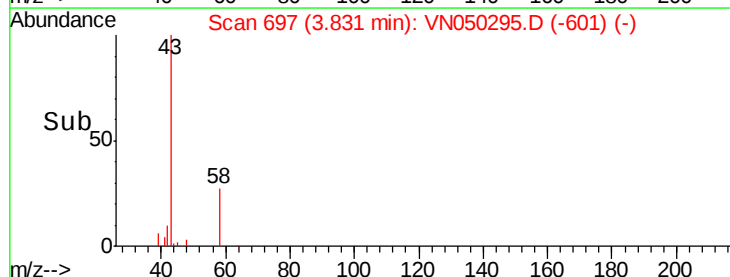
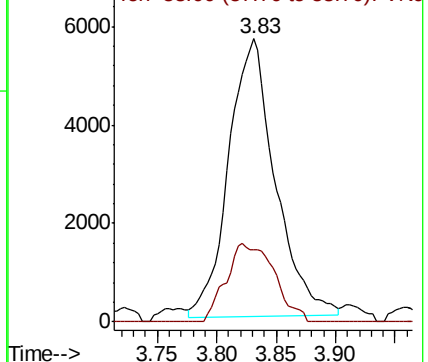
43 100

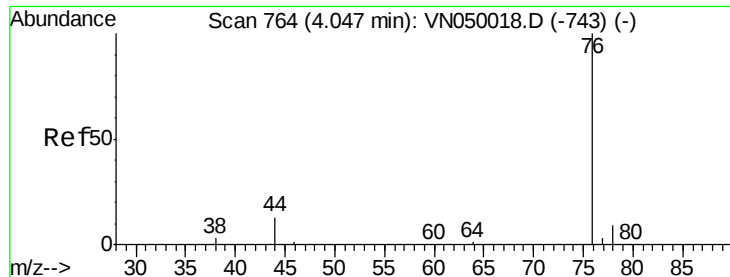
58 26.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: 0.483 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050295.D

Acq: 3 Aug 2018 5:02

Instrument :

MSVOA_N

ClientSampleId :

MW-A16

Tgt Ion: 76 Resp: 11376

Ion Ratio Lower Upper

76 100

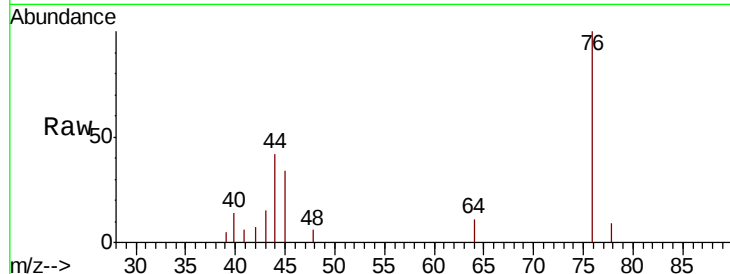
78 8.9 7.3 10.9

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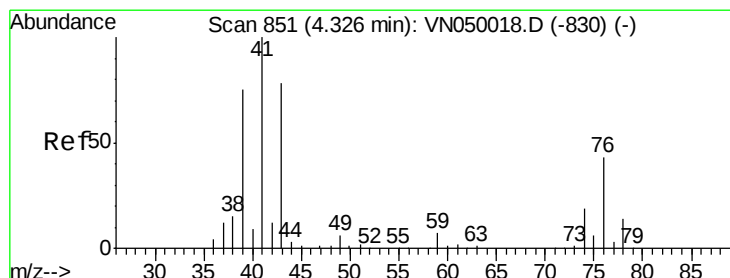
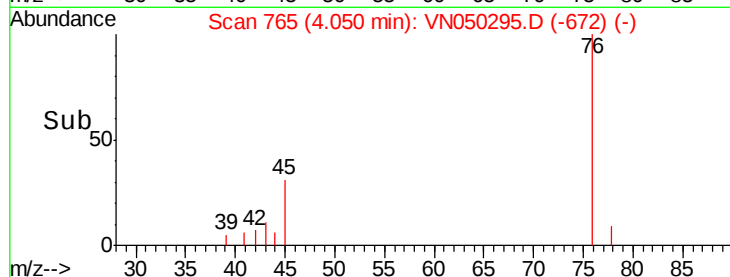
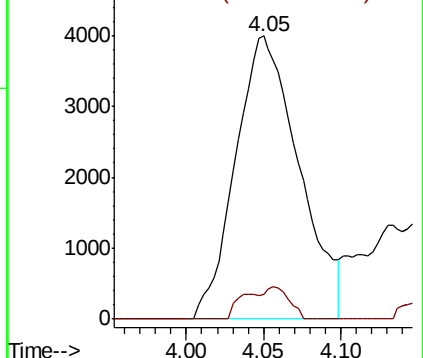
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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 0.413 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050295.D

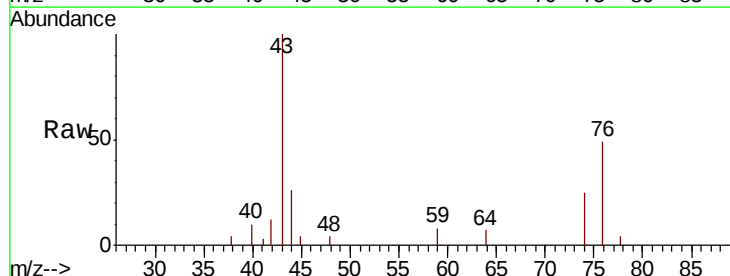
Acq: 3 Aug 2018 5:02

Tgt Ion: 43 Resp: 17300

Ion Ratio Lower Upper

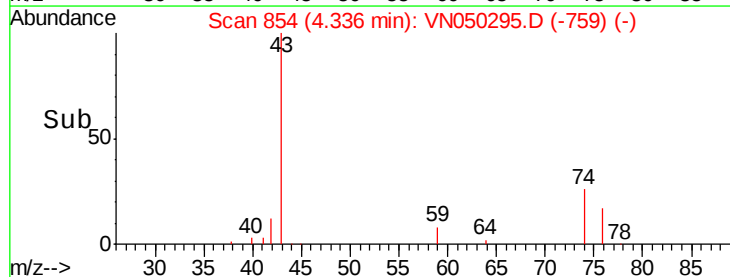
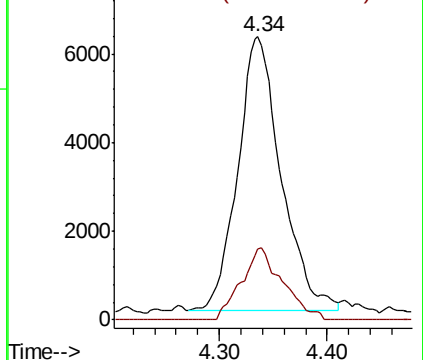
43 100

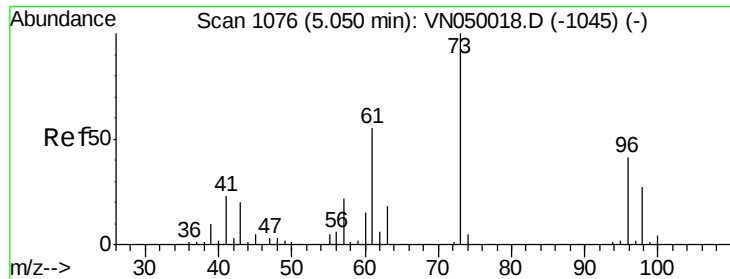
74 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





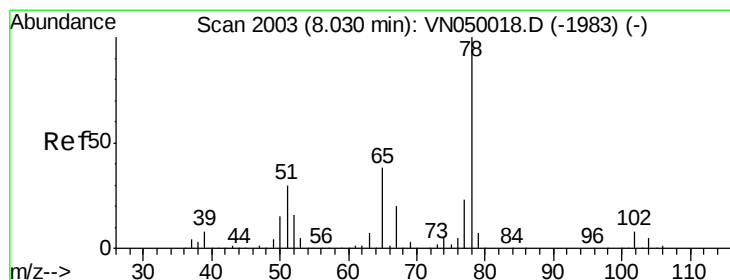
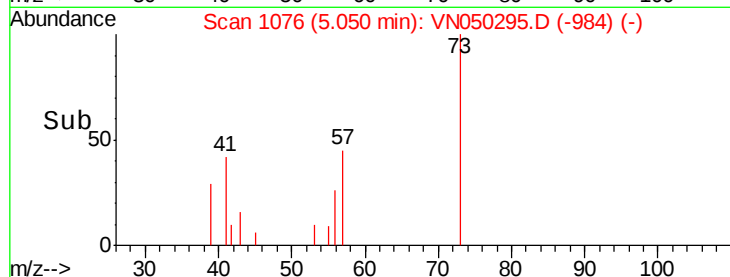
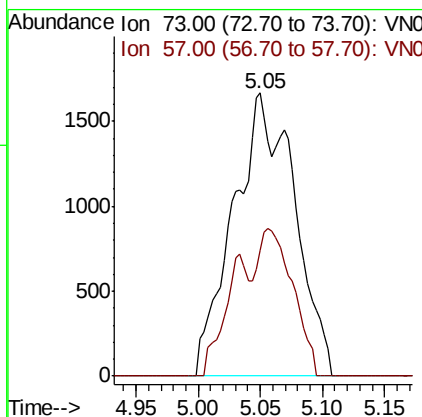
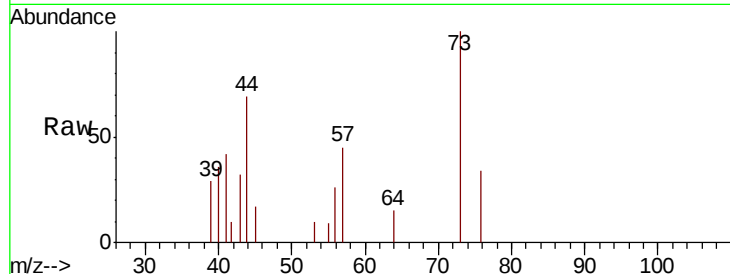
#19
Methyl tert-butyl Ether
Concen: 0.279 ug/l m
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Instrument :
MSVOA_N
ClientSampleId :
MW-A16

Tgt Ion: 73 Resp: 5711
Ion Ratio Lower Upper
73 100
57 44.7 18.0 27.0#

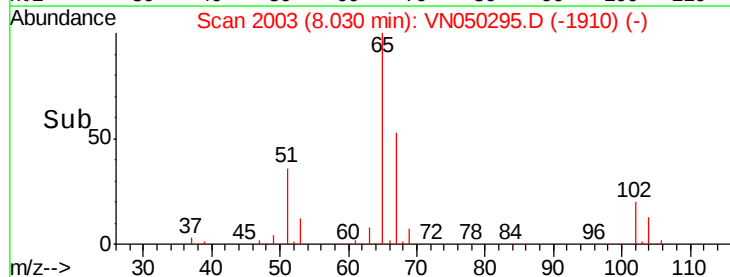
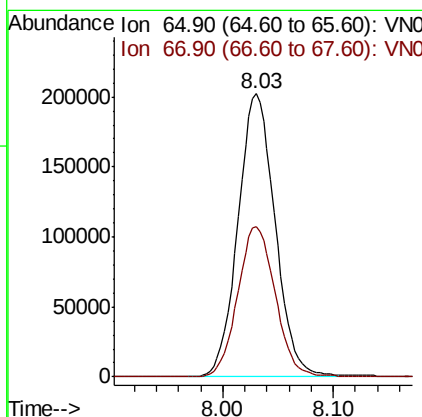
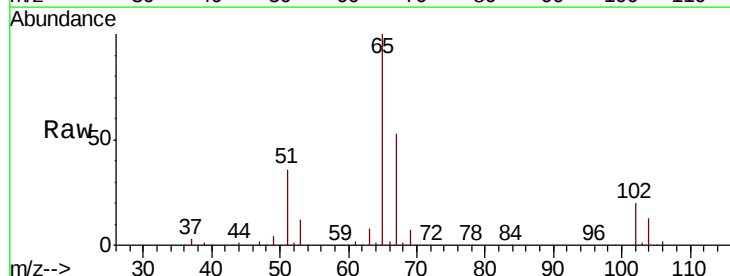
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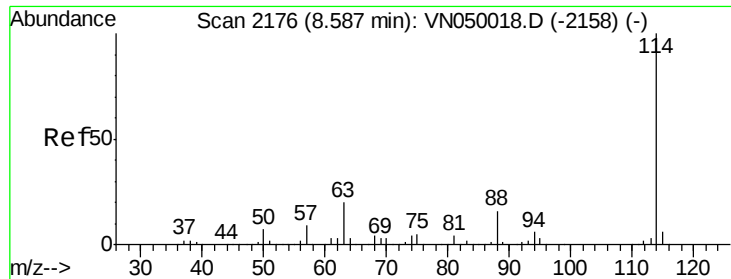
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#33
1,2-Dichloroethane-d4
Concen: 50.648 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Tgt Ion: 65 Resp: 471434
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.4





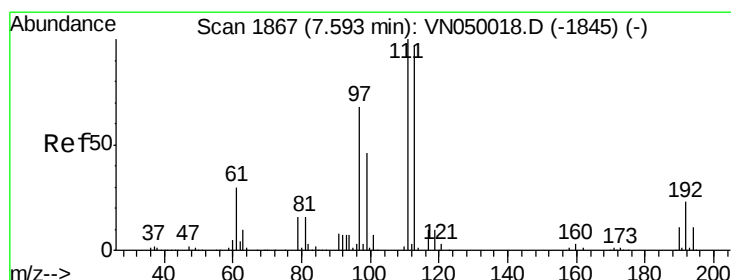
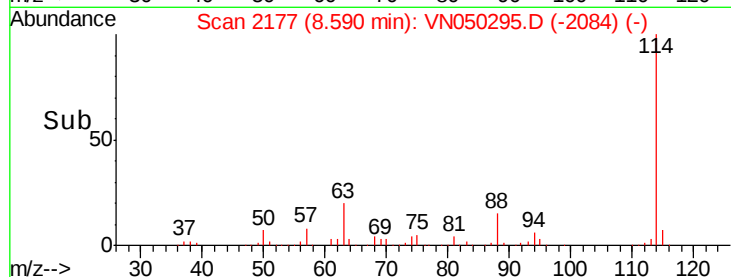
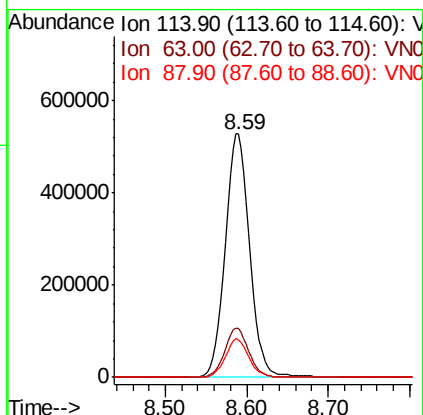
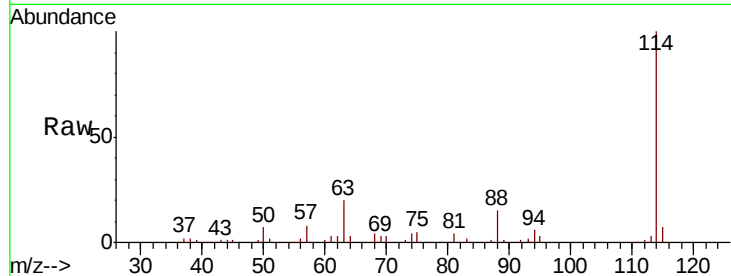
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050295.D
 Acq: 3 Aug 2018 5:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1114639		
63	19.9		0.0	40.0
88	15.4		0.0	31.2

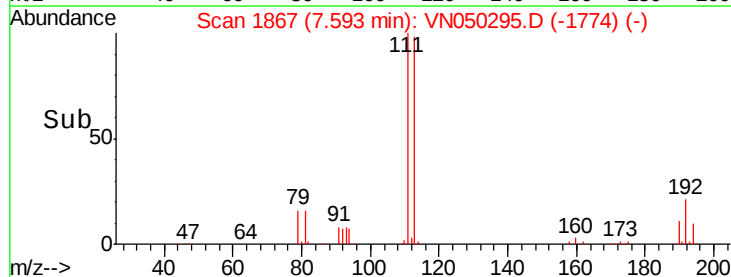
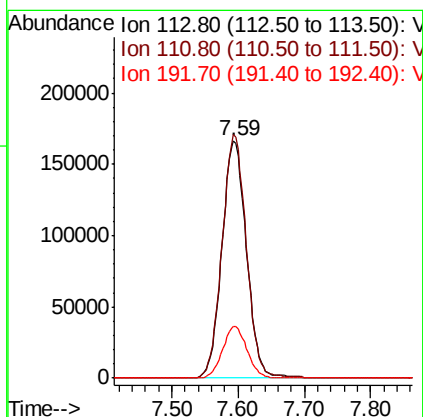
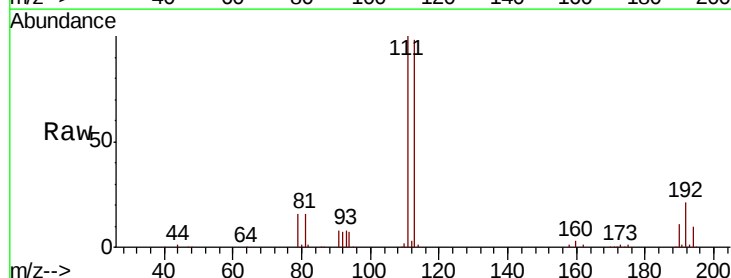
Manual Integrations
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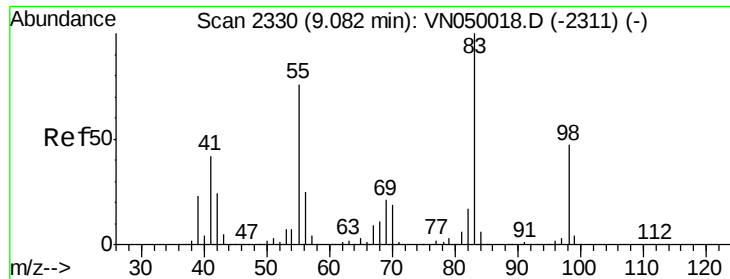
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#35
 Dibromofluoromethane
 Concen: 47.033 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050295.D
 Acq: 3 Aug 2018 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	428036		
111	101.8		80.7	121.1
192	21.8		17.8	26.6





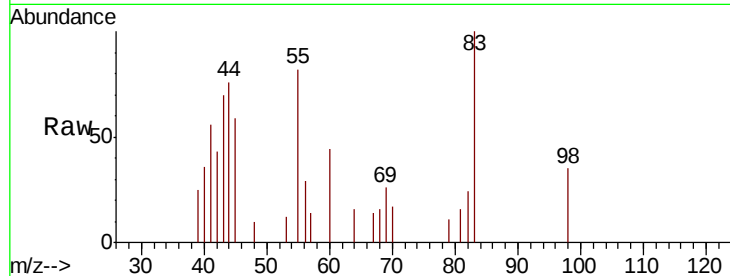
#39
Methylcyclohexane
Concen: 0.299 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Instrument :
MSVOA_N
ClientSampleId :
MW-A16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.1	61.8	92.8
98	35.1	36.5	54.7#

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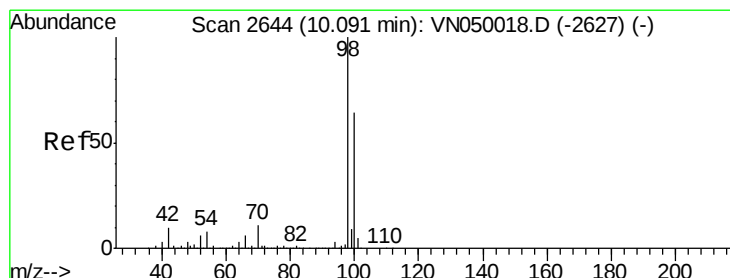
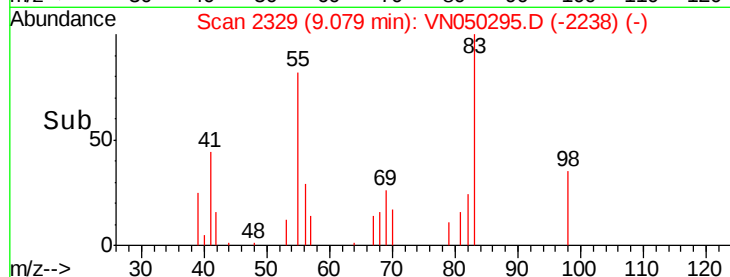
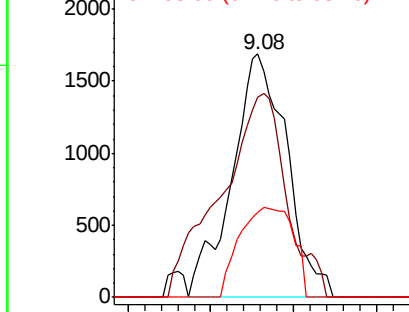


Abundance

Ion 83.00 (82.70 to 83.70): VN0

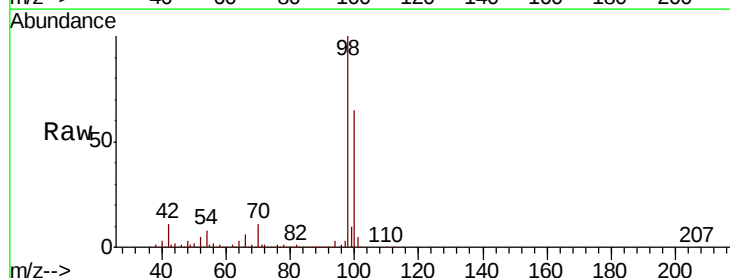
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#50
Toluene-d8
Concen: 44.343 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

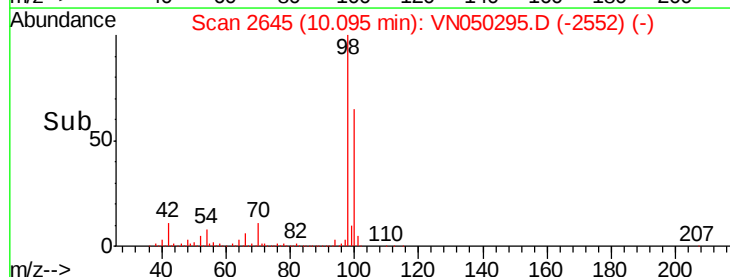
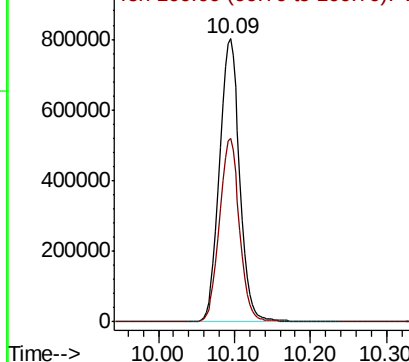
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.7	76.1

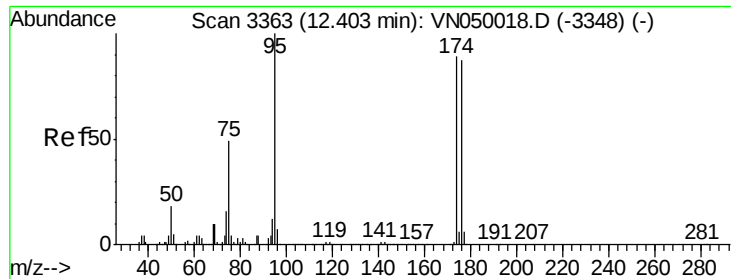


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





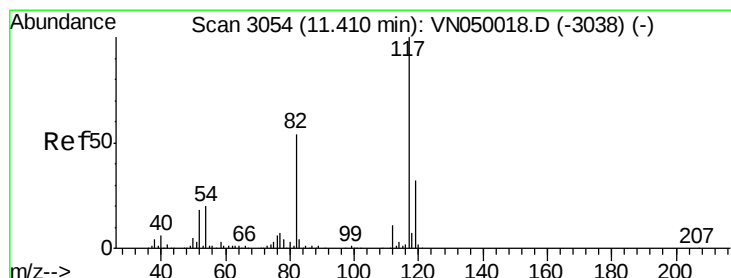
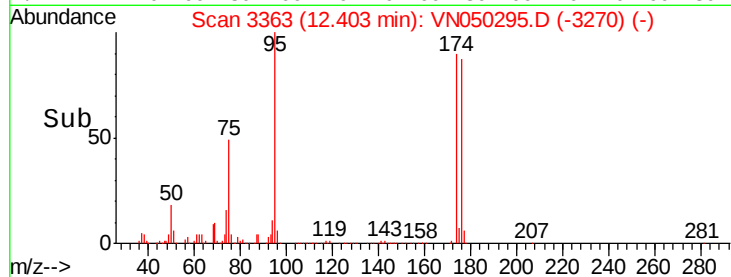
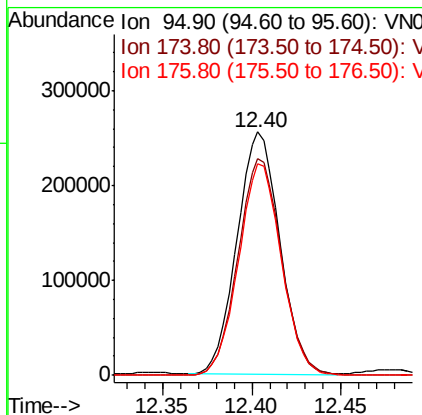
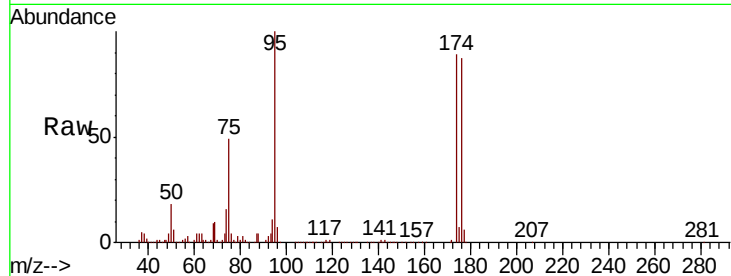
#62
4-Bromofluorobenzene
Concen: 38.785 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Instrument :
MSVOA_N
ClientSampleId :
MW-A16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	427292		
174	90.7	0.0	178.2	
176	87.3	0.0	173.4	

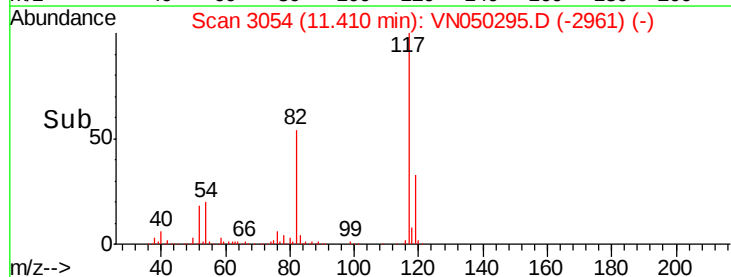
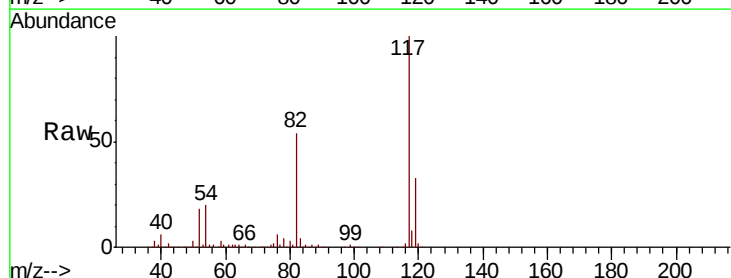
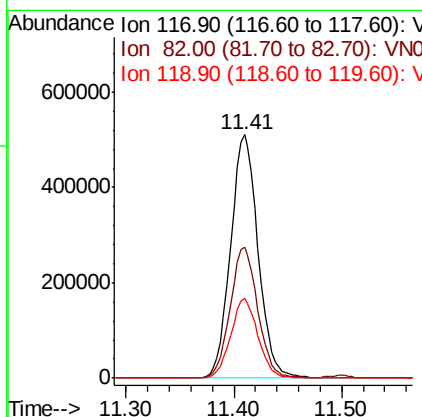
Manual Integrations
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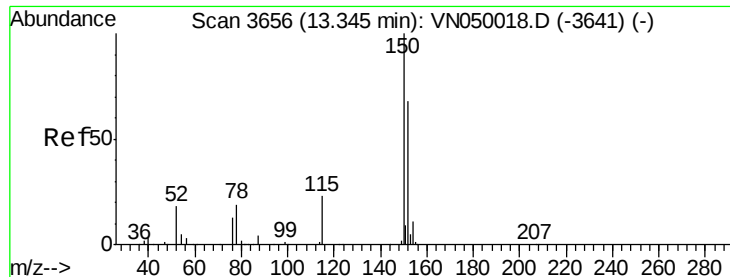
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	906808		
82	53.8	43.7	65.5	
119	32.5	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: VN050295.D

Acq: 3 Aug 2018 5:02

Instrument :

MSVOA_N

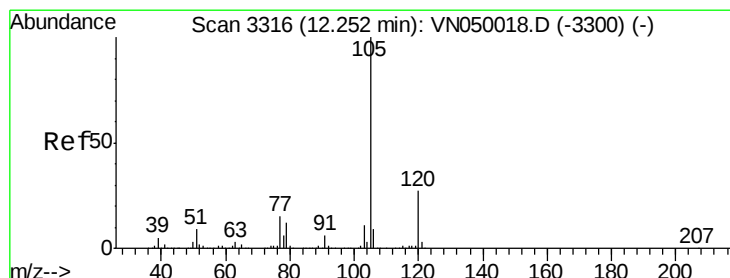
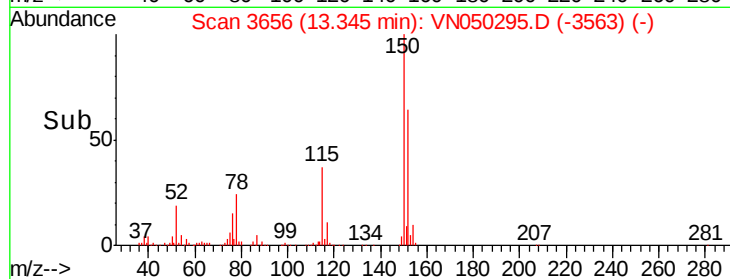
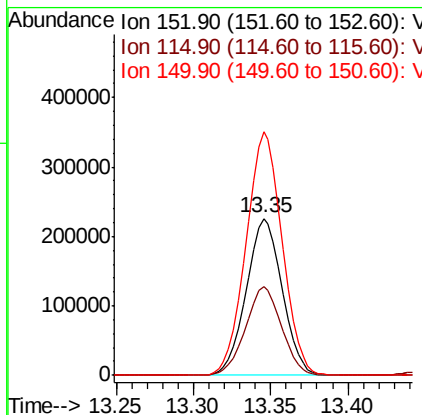
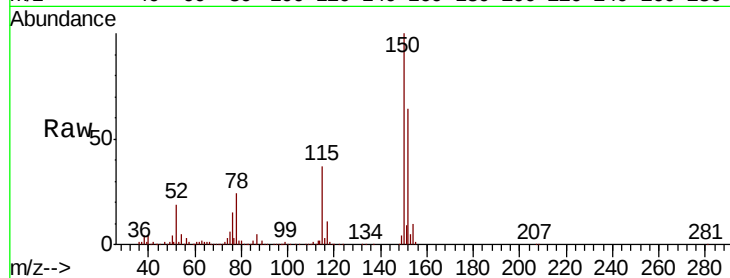
ClientSampleId :

MW-A16

Tgt	Ion	152	Resp:	365963
Ion	Ratio	Lower	Upper	
152	100			
115	56.4	27.8	83.3	
150	155.6	0.0	348.6	

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#73

Isopropylbenzene

Concen: 1.447 ug/l

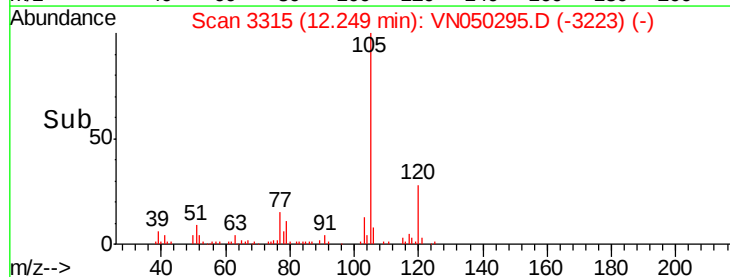
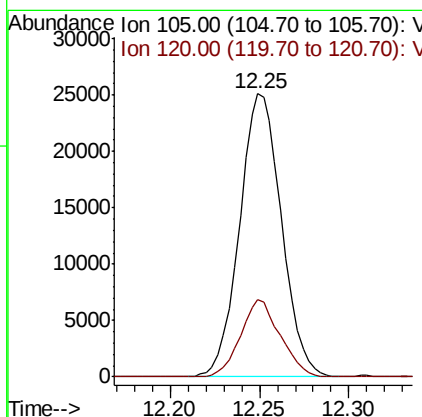
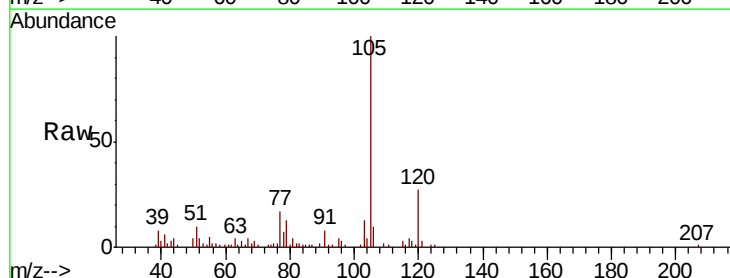
RT: 12.25 min Scan# 3315

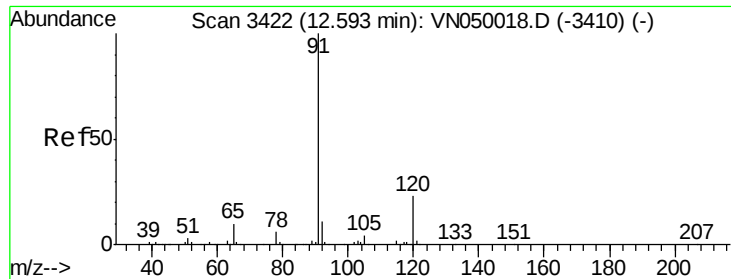
Delta R.T. -0.00 min

Lab File: VN050295.D

Acq: 3 Aug 2018 5:02

Tgt	Ion	105	Resp:	41071
Ion	Ratio	Lower	Upper	
105	100			
120	25.8	13.3	39.8	





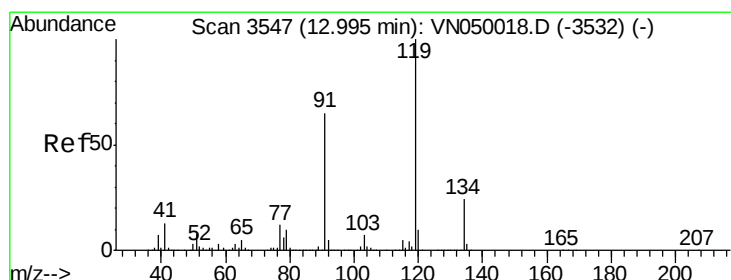
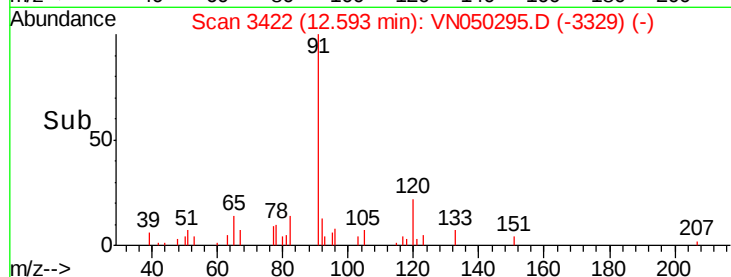
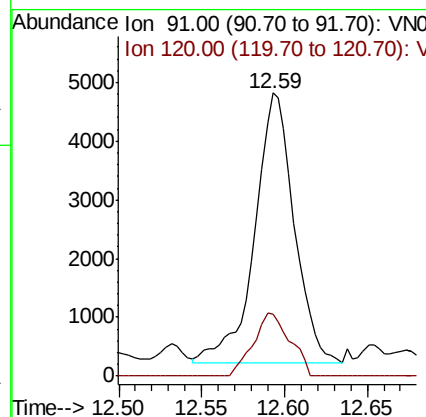
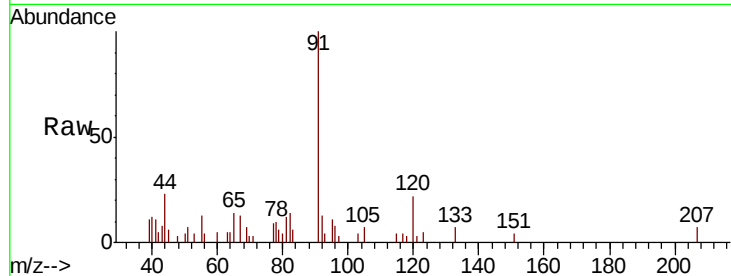
#78
n-propylbenzene
Concen: 0.238 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Instrument :
MSVOA_N
ClientSampled :
MW-A16

Tgt Ion: 91 Resp: 7562
Ion Ratio Lower Upper
91 100
120 21.7 11.6 34.7

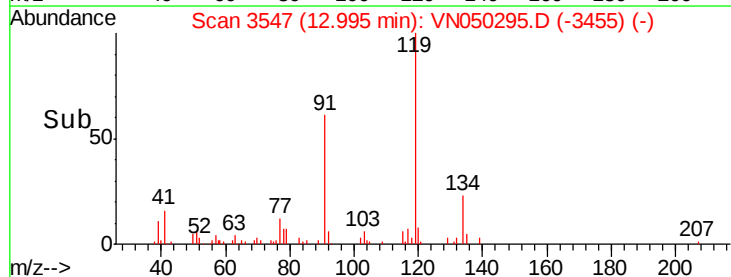
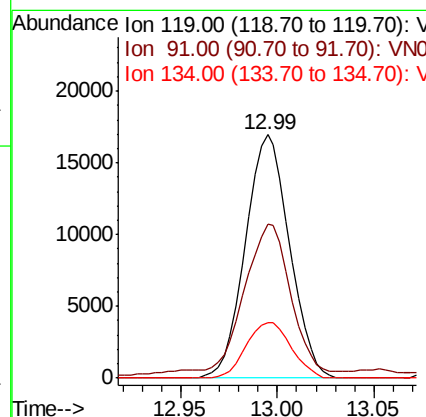
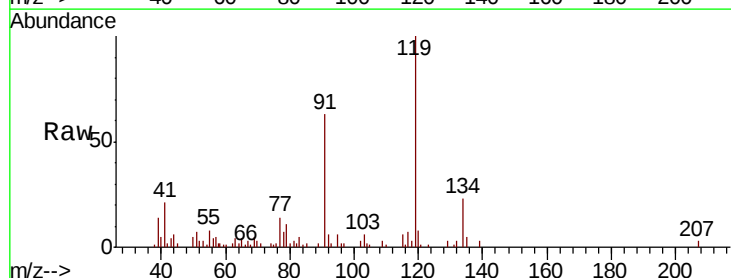
Manual Integrations
APPROVED

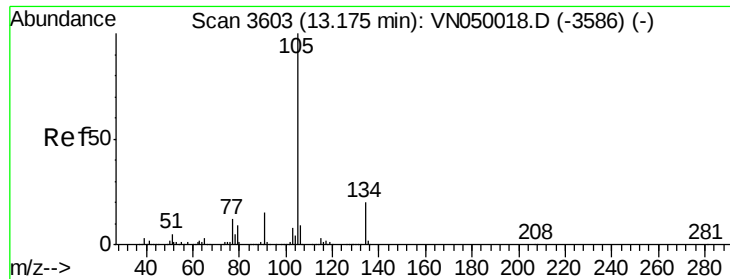
MMDadoda
8/3/2018 9:37:13 AM



#83
tert-Butylbenzene
Concen: 1.376 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050295.D
Acq: 3 Aug 2018 5:02

Tgt Ion: 119 Resp: 26806
Ion Ratio Lower Upper
119 100
91 62.0 32.1 96.3
134 23.4 13.2 39.5





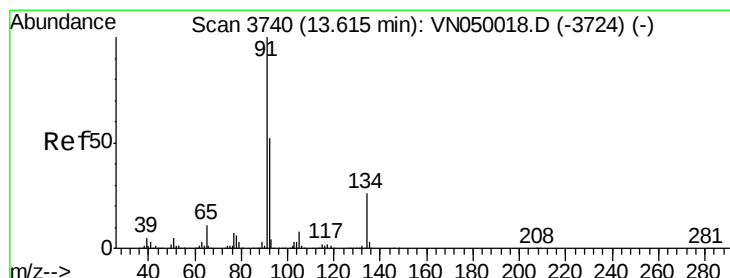
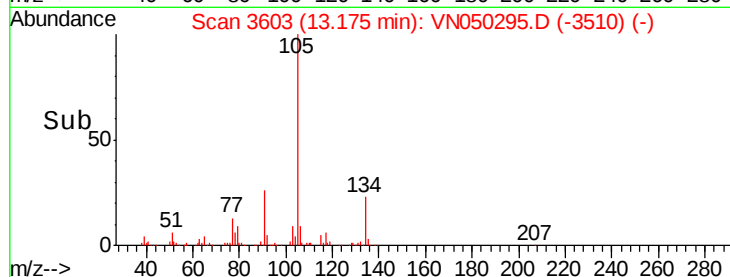
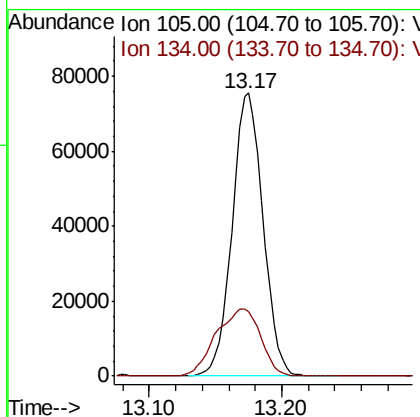
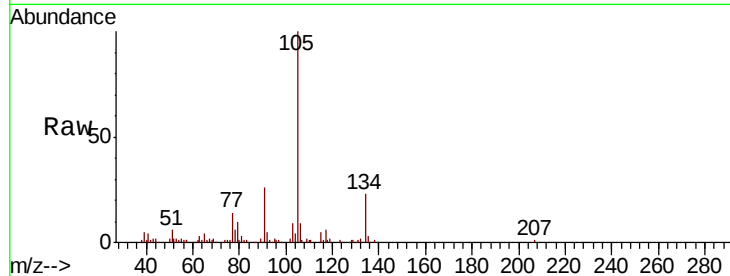
#85
 sec-Butylbenzene
 Concen: 4.692 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050295.D
 Acq: 3 Aug 2018 5:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	34.3	10.1	30.1#

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:37:13 AM



#89
 n-Butylbenzene
 Concen: 0.753 ug/l
 RT: 13.62 min Scan# 3741
 Delta R.T. 0.00 min
 Lab File: VN050295.D
 Acq: 3 Aug 2018 5:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	25.8	77.4
134	26.5	12.8	38.4

