

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051530.D
 Acq On : 26 Sep 2018 11:34
 Operator : MD\SY
 Sample : J5053-03DL 2X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW10-GWDL

Manual Integrations
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 9/30/2018 9:54:55 AM

Quant Time: Sep 27 17:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	672898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1056849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	463098	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.59	113	404429	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.09	98	1478188	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	12.40	95	451102	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.80	59	4006m	8.421	ug/l	
18) Methyl Acetate	4.34	43	11273	1.756	ug/l #	75
67) Ethyl Benzene	11.51	91	85135	2.182	ug/l	99
68) m/p-Xylenes	11.63	106	5598	0.371	ug/l	97
69) o-Xylene	11.95	106	22435	1.547	ug/l	90
73) Isopropylbenzene	12.25	105	31259	0.868	ug/l	100
78) n-propylbenzene	12.59	91	49352	1.216	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	113745	3.874	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	448723	15.165	ug/l	99
85) sec-Butylbenzene	13.17	105	21400m	0.605	ug/l	
86) p-Isopropyltoluene	13.29	119	23580m	0.771	ug/l	
95) Naphthalene	15.13	128	103779	13.532	ug/l	97

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

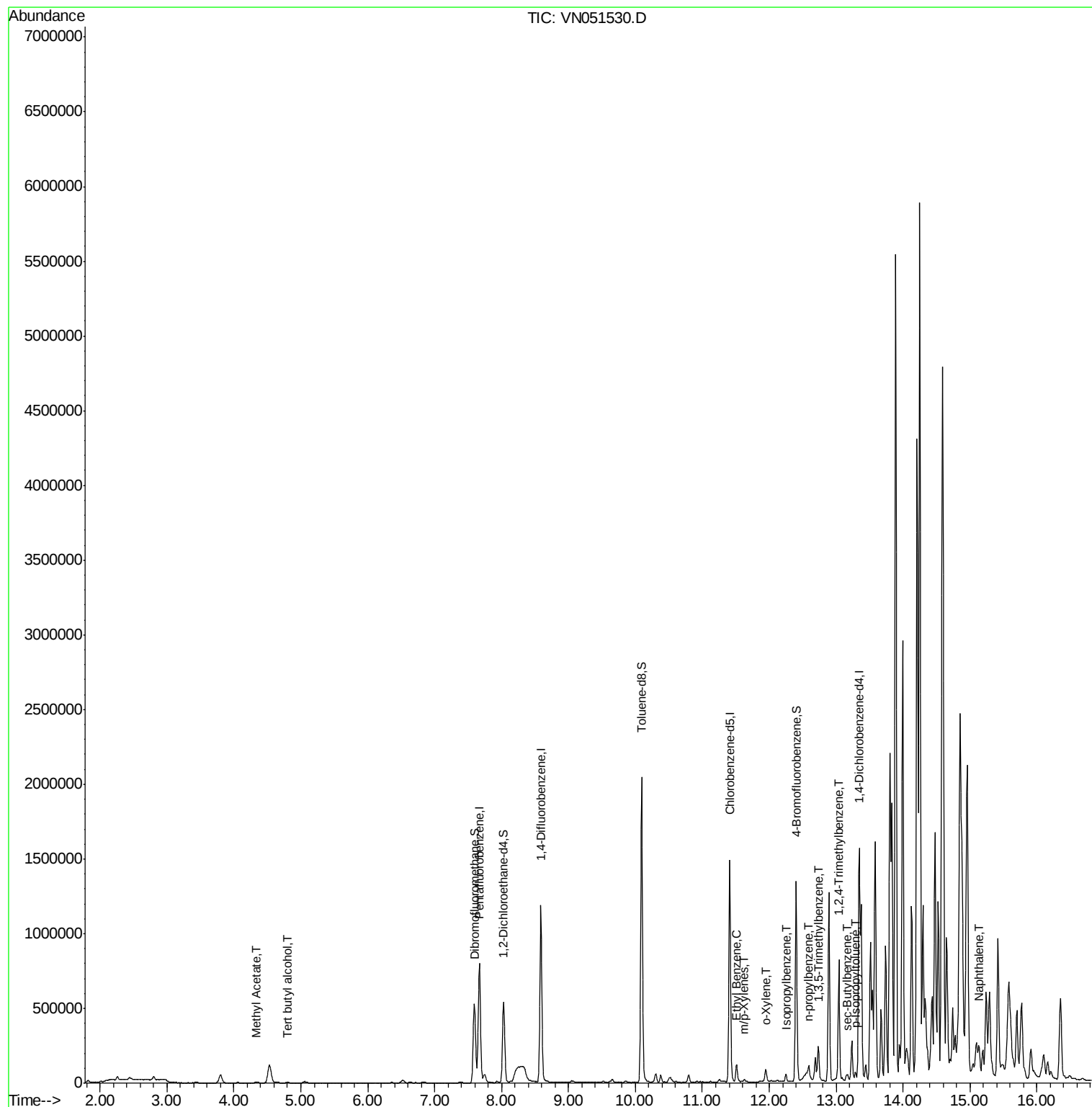
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
Data File : VN051530.D
Acq On : 26 Sep 2018 11:34
Operator : MD\SY
Sample : J5053-03DL 2X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

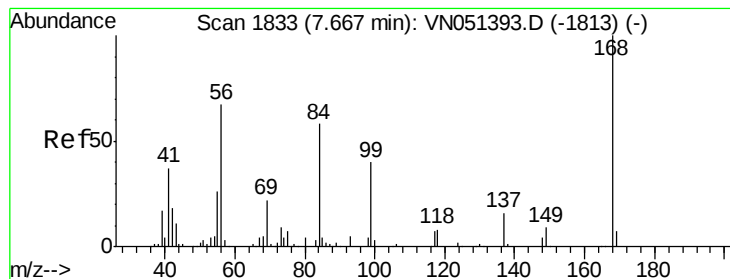
Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GWDL

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Quant Time: Sep 27 17:10:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051530.D

Acq: 26 Sep 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW10-GWDL

Tgt Ion:168 Resp: 672898

Ion Ratio Lower Upper

168 100

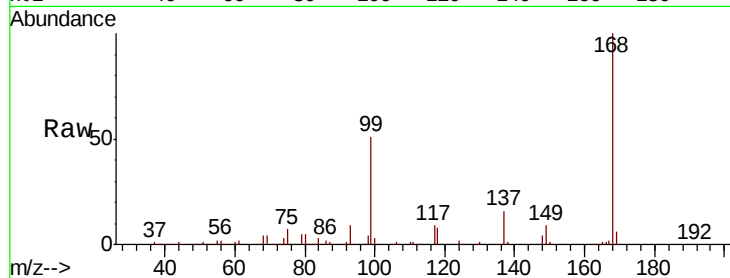
99 50.8 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

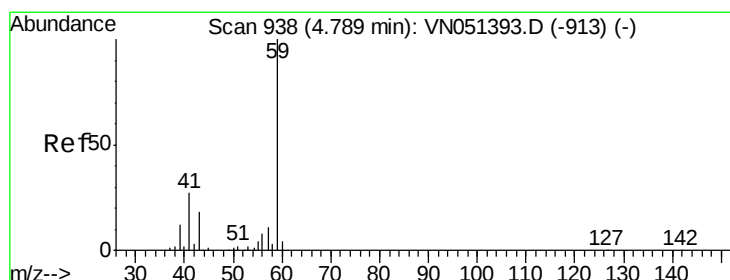
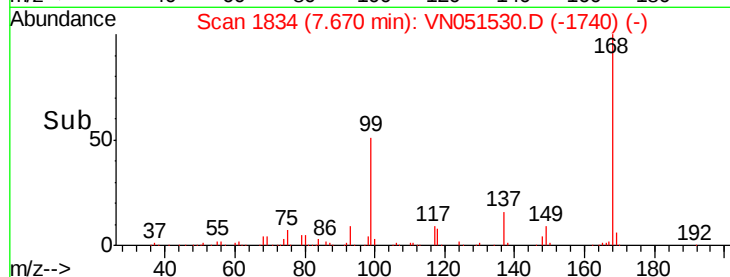
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.421 ug/l m

RT: 4.80 min Scan# 942

Delta R.T. 0.01 min

Lab File: VN051530.D

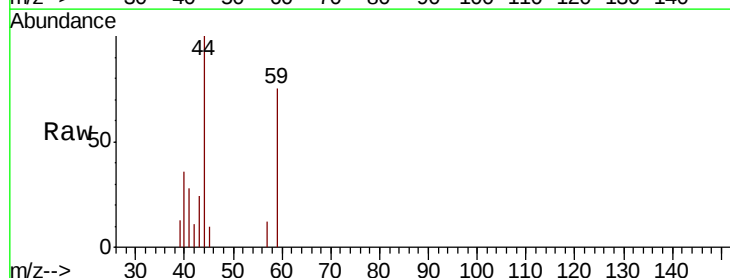
Acq: 26 Sep 2018 11:34

Tgt Ion: 59 Resp: 4006

Ion Ratio Lower Upper

59 100

57 3.7 6.2 9.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.80

1200

1000

800

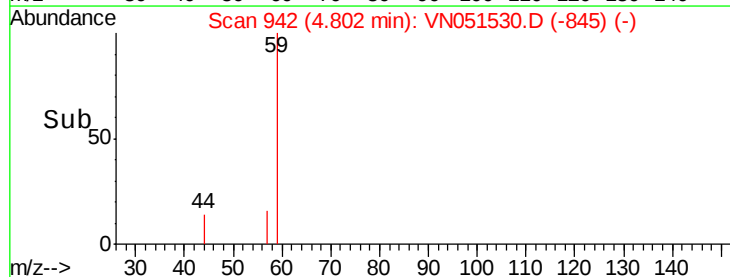
600

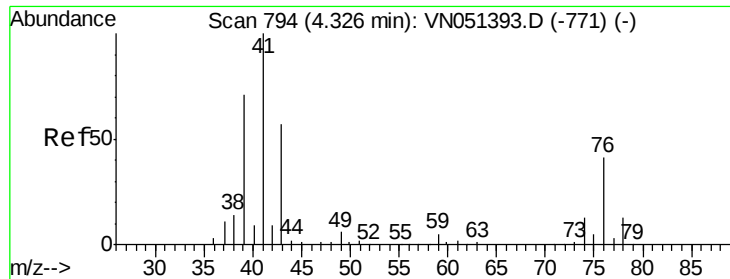
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200

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Time-->





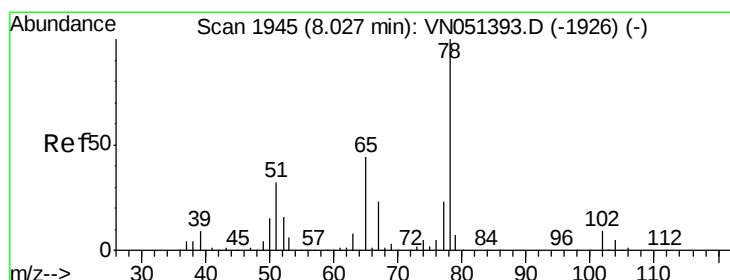
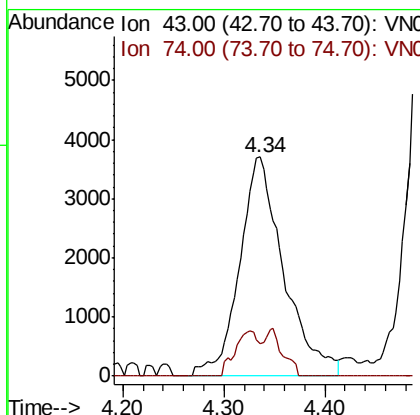
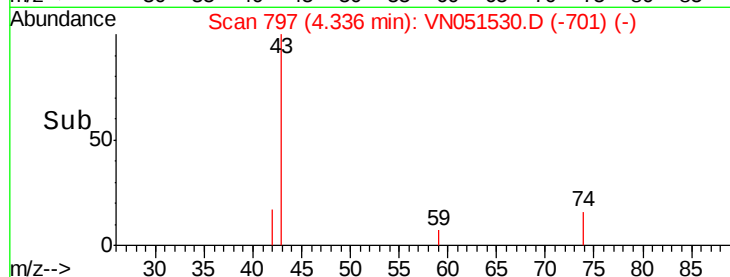
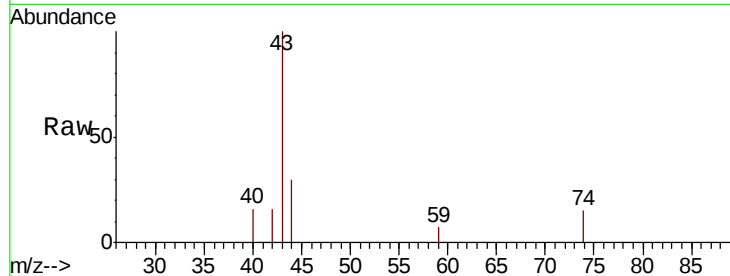
#18
Methyl Acetate
Concen: 1.756 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
RKF-RMAB-MW10-GWDL

Tgt Ion: 43 Resp: 11273
Ion Ratio Lower Upper
43 100
74 11.1 18.8 28.2#

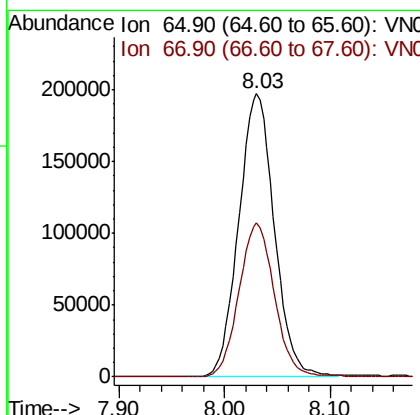
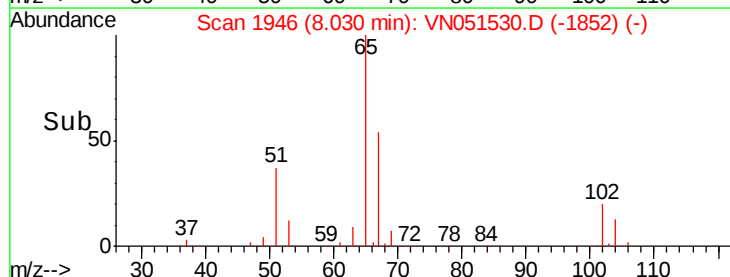
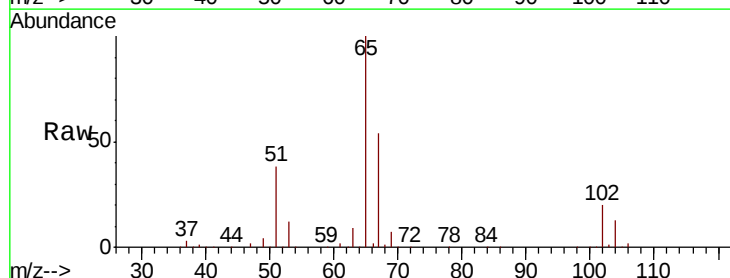
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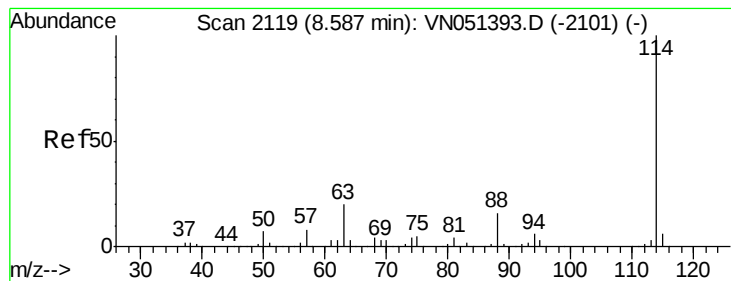
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#33
1,2-Dichloroethane-d4
Concen: 54.939 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Tgt Ion: 65 Resp: 463098
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051530.D

Acq: 26 Sep 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW10-GWDL

Tgt Ion:114 Resp: 1056849

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

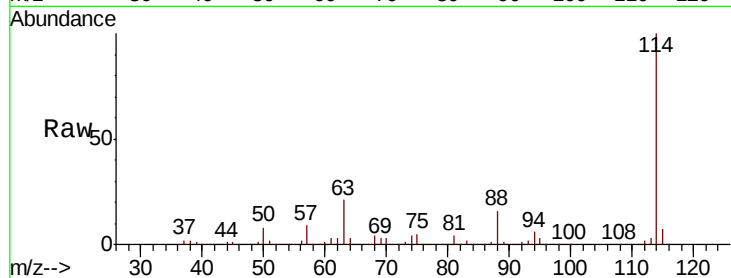
88 15.7 0.0 31.4

Manual Integrations

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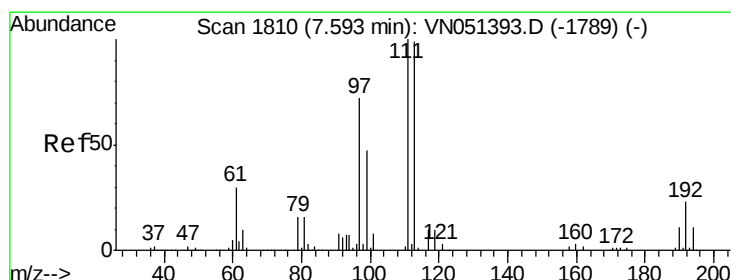
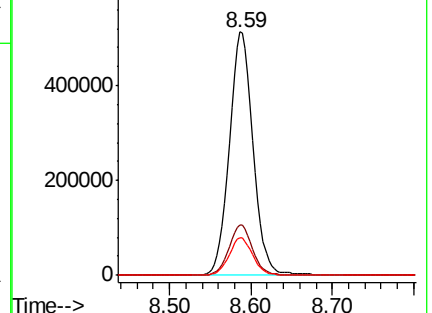
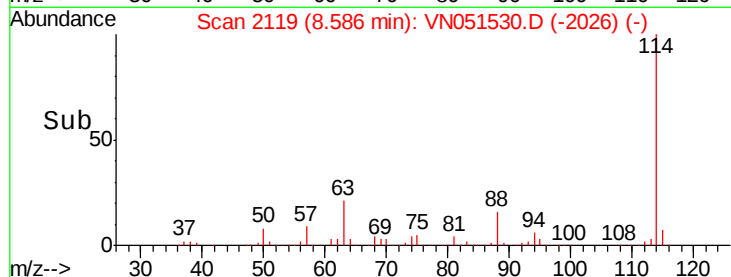
9/30/2018 9:54:55 AM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.855 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051530.D

Acq: 26 Sep 2018 11:34

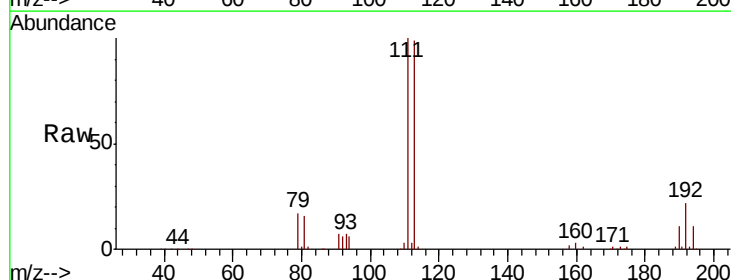
Tgt Ion:113 Resp: 404429

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

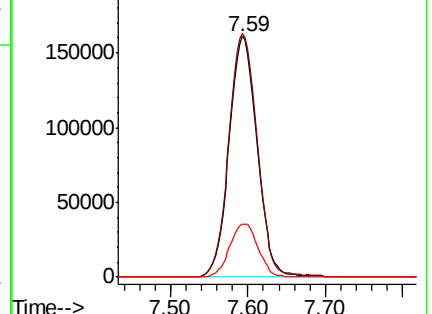
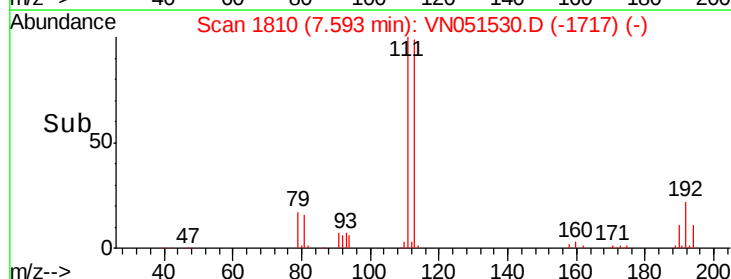
192 22.5 18.0 27.0

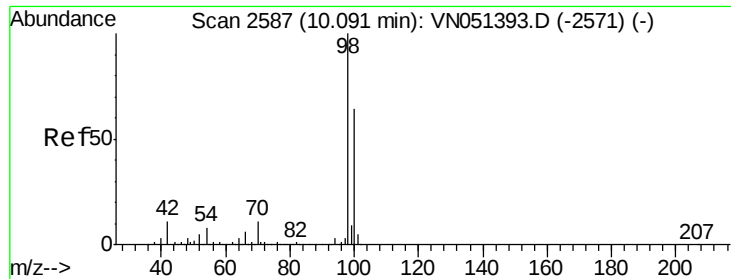


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





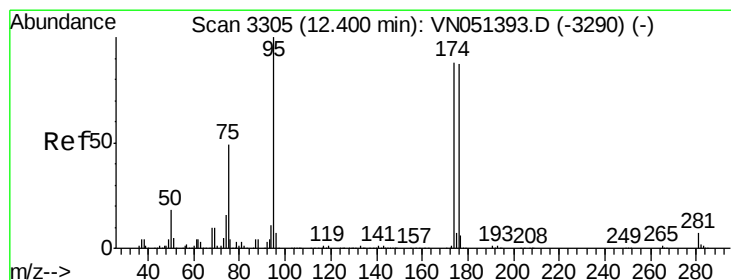
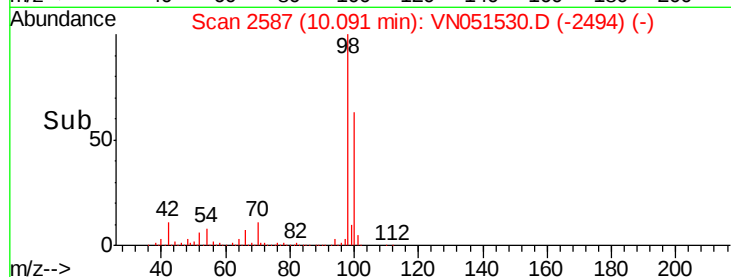
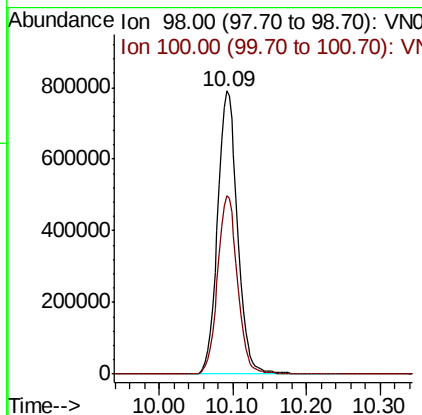
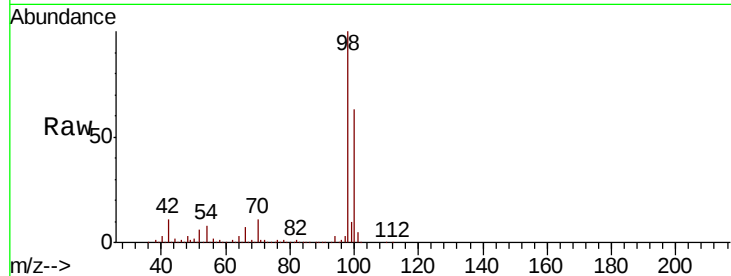
#50
Toluene-d8
Concen: 46.449 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GWDL

Tgt Ion: 98 Resp: 1478188
Ion Ratio Lower Upper
98 100
100 63.1 50.6 75.8

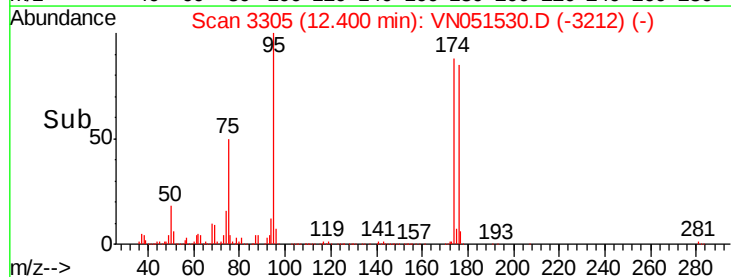
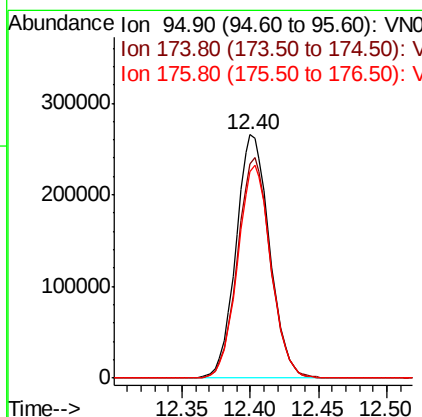
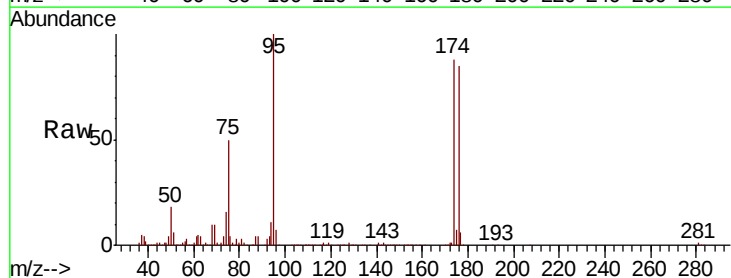
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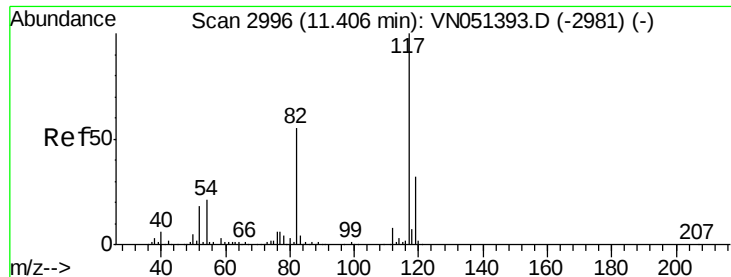
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#62
4-Bromofluorobenzene
Concen: 43.818 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Tgt Ion: 95 Resp: 451102
Ion Ratio Lower Upper
95 100
174 89.6 0.0 181.6
176 87.3 0.0 176.4





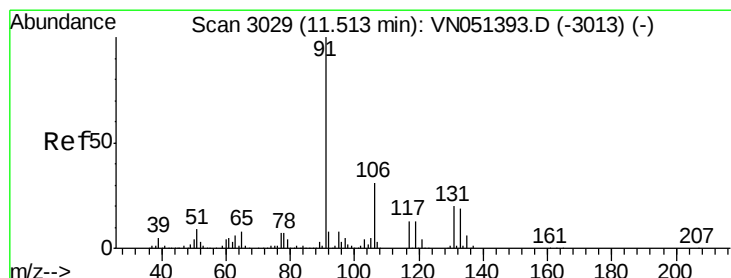
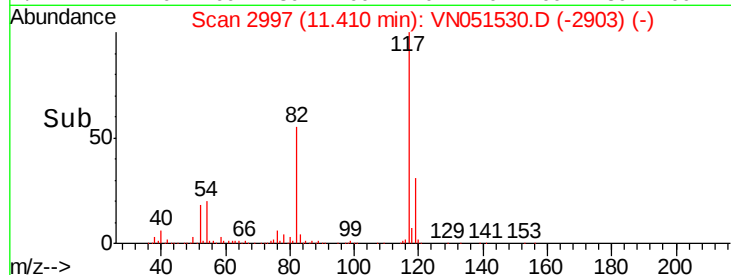
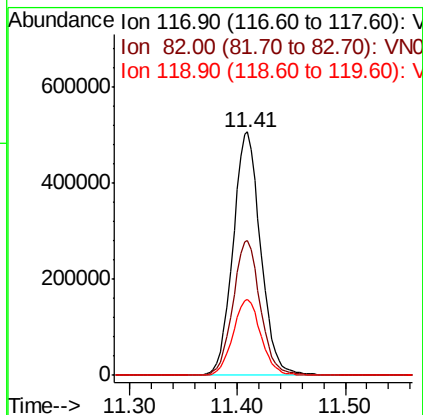
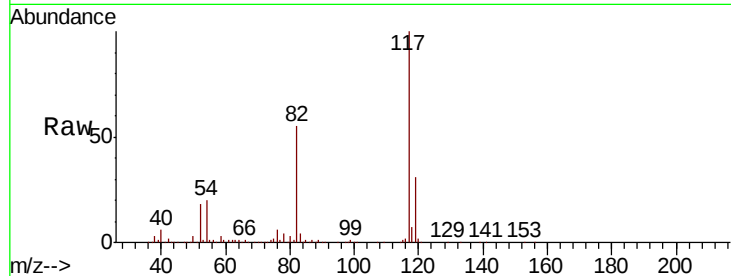
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GWDL

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	902232		
82	55.4	44.2	66.2	
119	31.3	25.9	38.9	

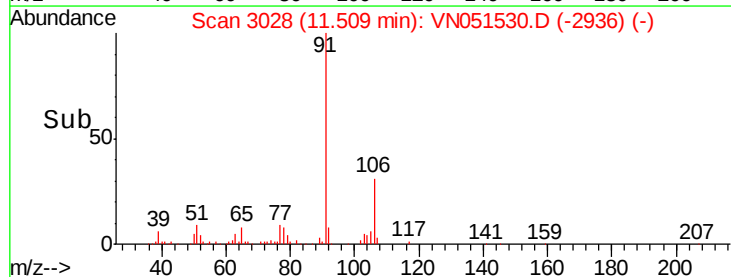
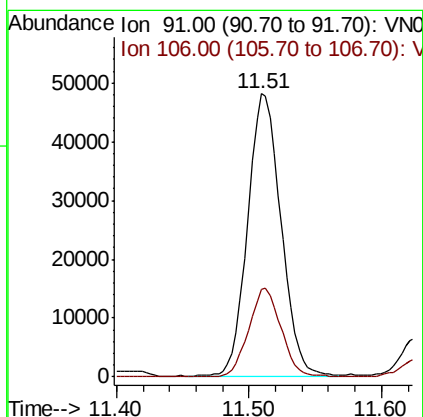
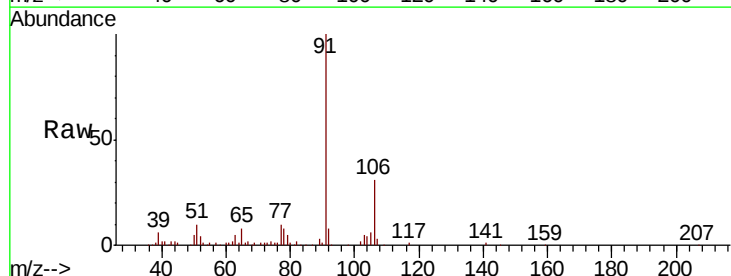
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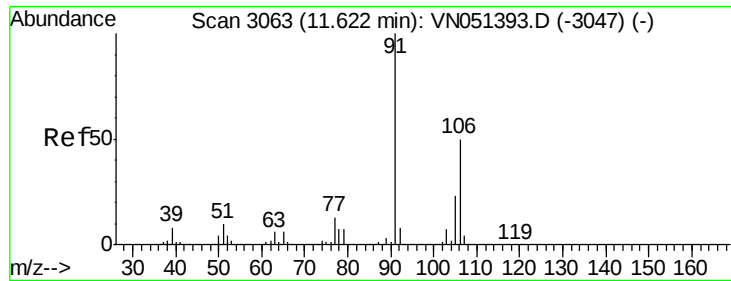
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#67
Ethyl Benzene
Concen: 2.182 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	85135		
106	30.9	25.0	37.4	





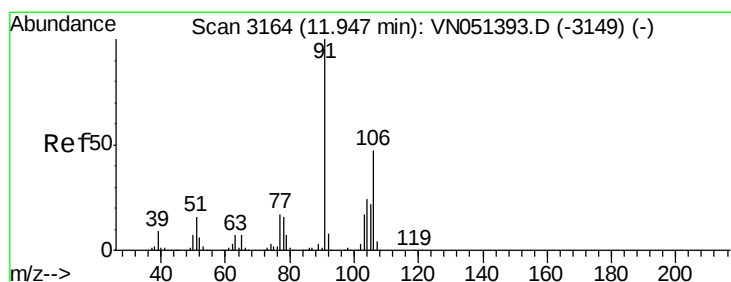
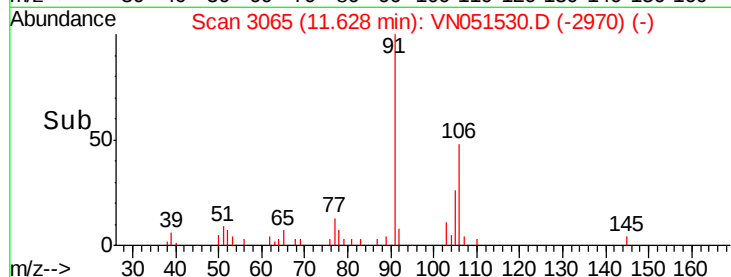
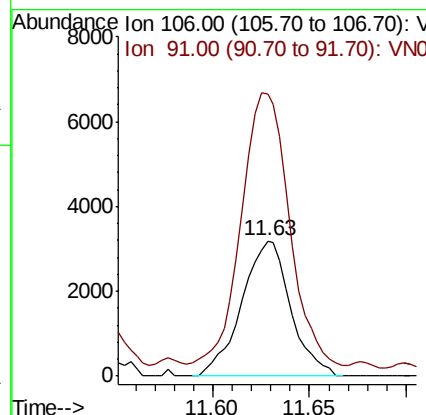
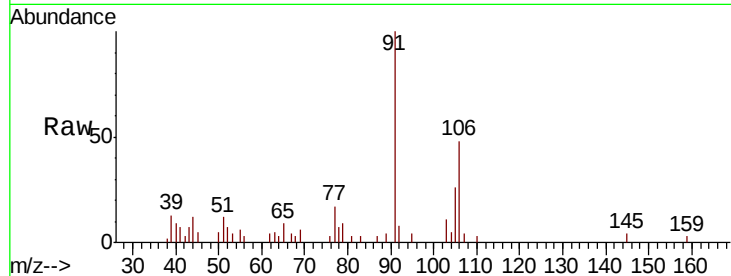
#68
m/p-Xylenes
Concen: 0.371 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GWDL

Tgt Ion:106 Resp: 5598
Ion Ratio Lower Upper
106 100
91 196.9 161.3 241.9

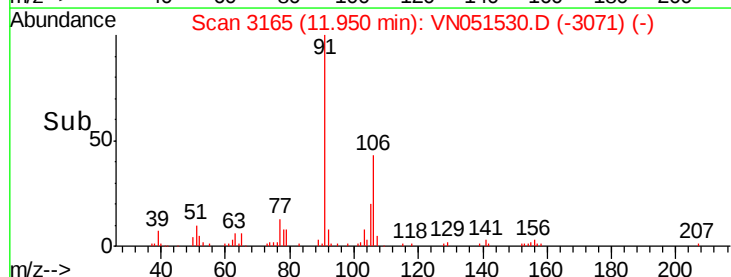
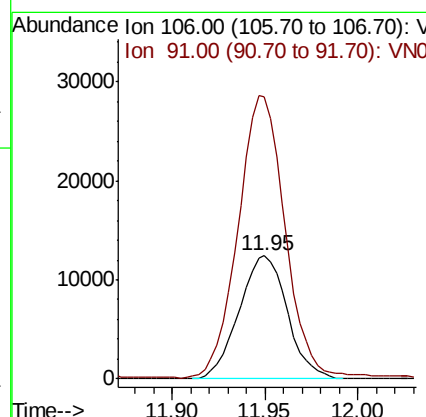
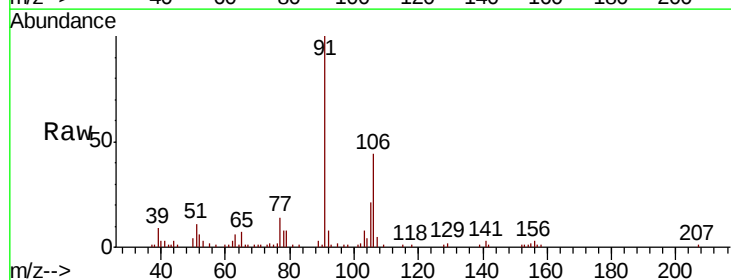
Manual Integrations
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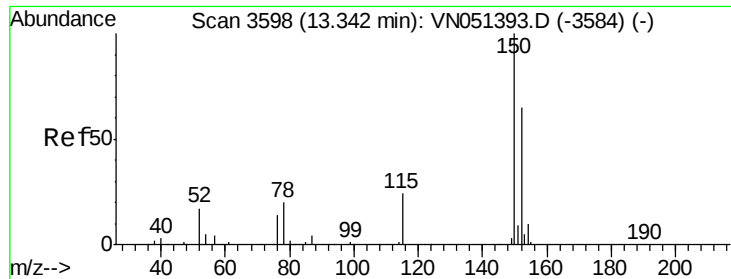
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#69
o-Xylene
Concen: 1.547 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Tgt Ion:106 Resp: 22435
Ion Ratio Lower Upper
106 100
91 226.7 105.3 315.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051530.D

Acq: 26 Sep 2018 11:34

Instrument :

MSVOA_N

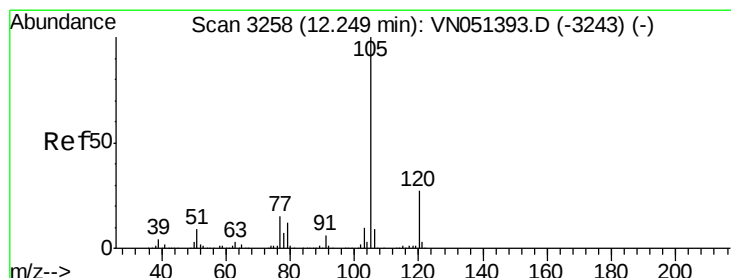
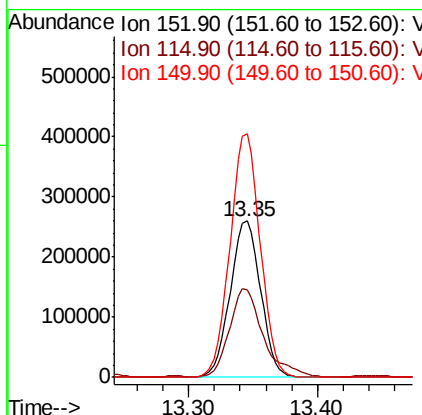
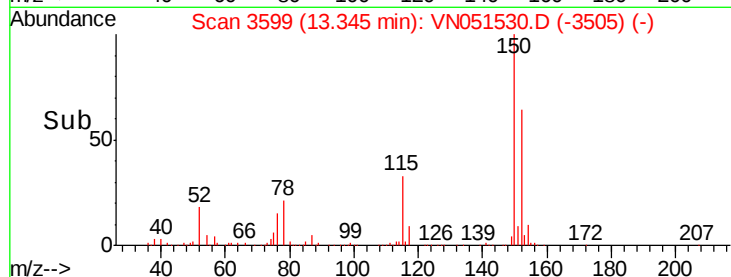
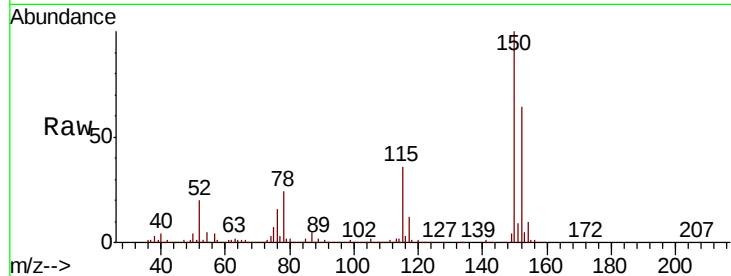
ClientSampleId :

RFK-RMAB-MW10-GWDL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	426812		
115	62.8	28.3	84.9	
150	154.5	0.0	353.6	

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#73

Isopropylbenzene

Concen: 0.868 ug/l

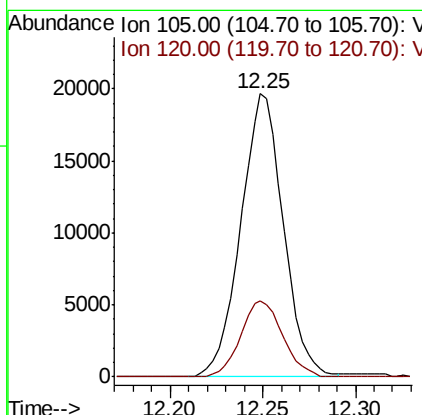
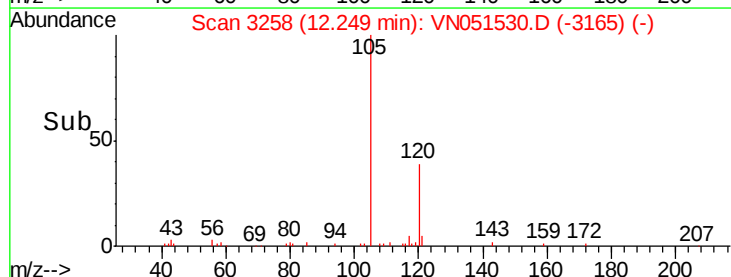
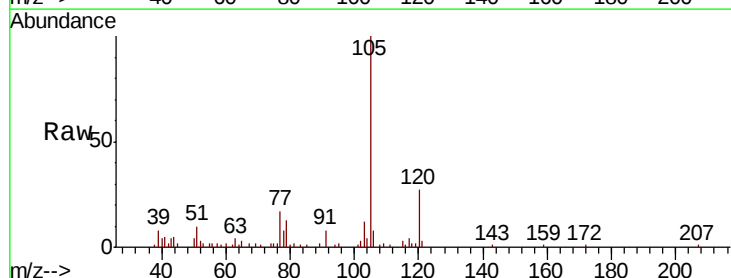
RT: 12.25 min Scan# 3258

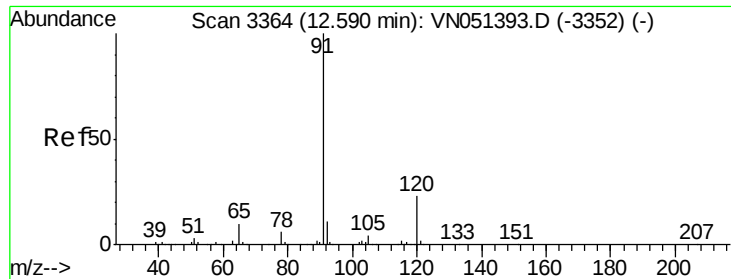
Delta R.T. -0.00 min

Lab File: VN051530.D

Acq: 26 Sep 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	31259		
120	26.4	13.3	39.8	





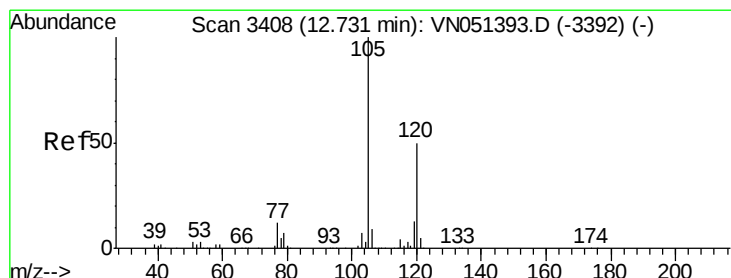
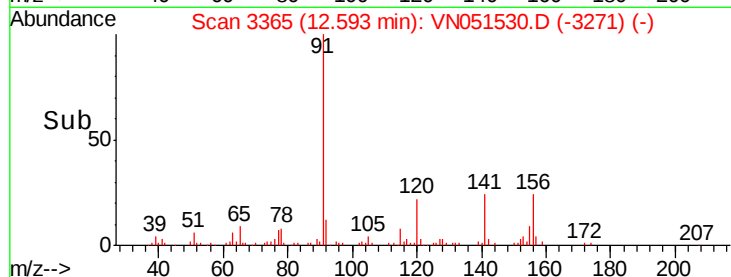
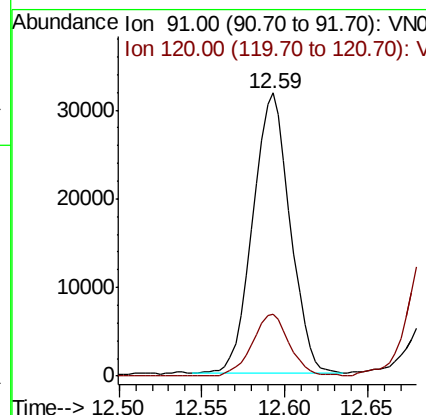
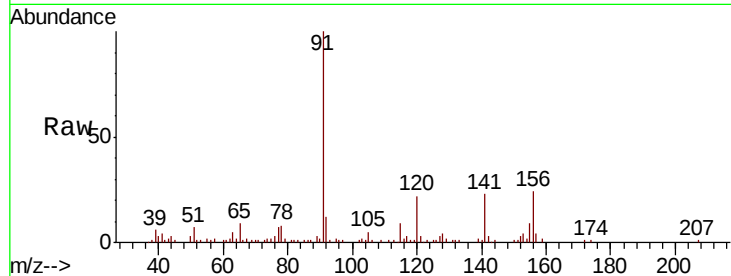
#78
n-propylbenzene
Concen: 1.216 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GWDL

Tgt Ion: 91 Resp: 49352
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

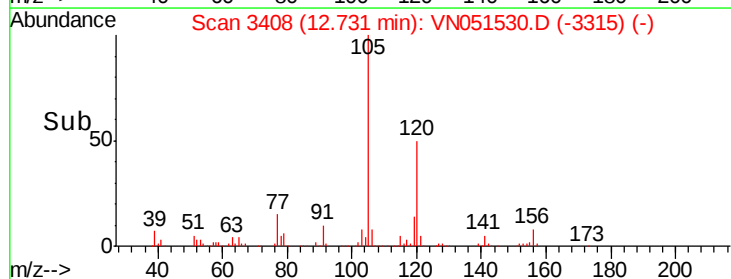
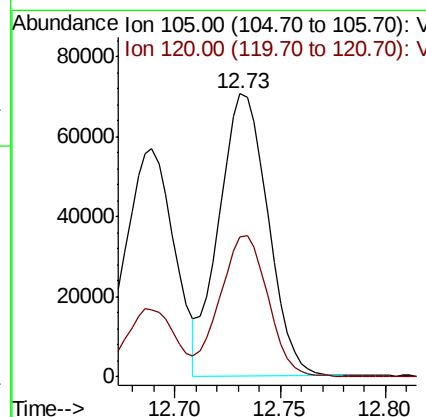
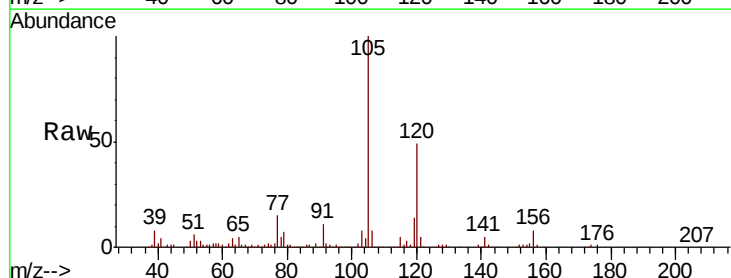
Manual Integrations
APPROVED

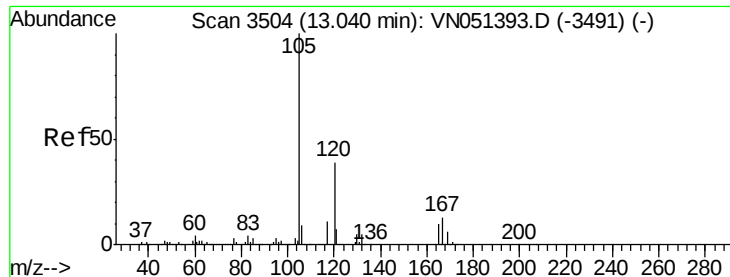
mmdadoda
9/30/2018 9:54:55 AM



#80
1,3,5-Trimethylbenzene
Concen: 3.874 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Tgt Ion: 105 Resp: 113745
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4





#84

1,2,4-Trimethylbenzene

Concen: 15.165 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051530.D

Acq: 26 Sep 2018 11:34

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW10-GWDL

Tgt Ion:105 Resp: 448723

Ion Ratio Lower Upper

105 100

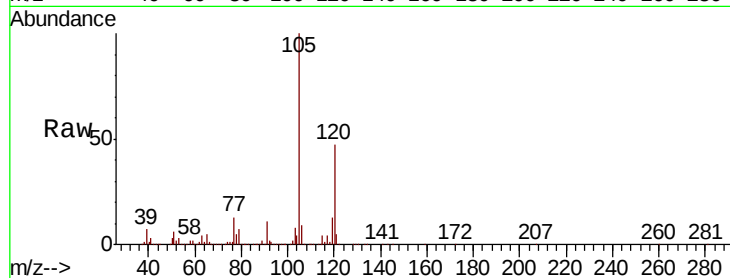
120 46.3 22.9 68.7

Manual Integrations

APPROVED

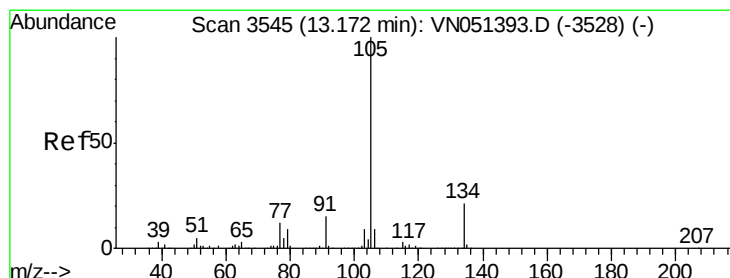
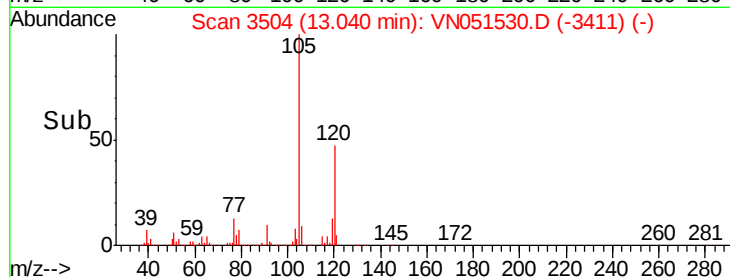
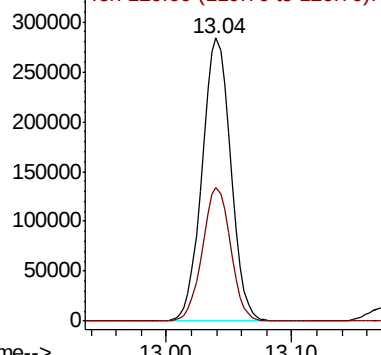
mmdadoda

9/30/2018 9:54:55 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.605 ug/l m

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051530.D

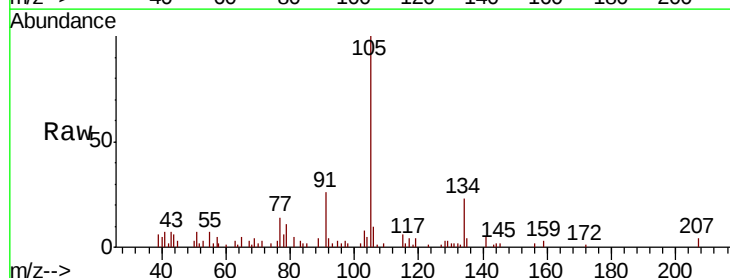
Acq: 26 Sep 2018 11:34

Tgt Ion:105 Resp: 21400

Ion Ratio Lower Upper

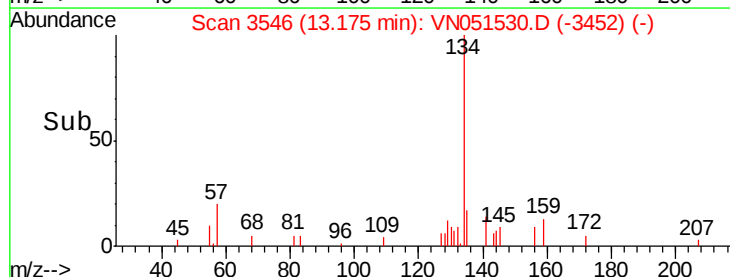
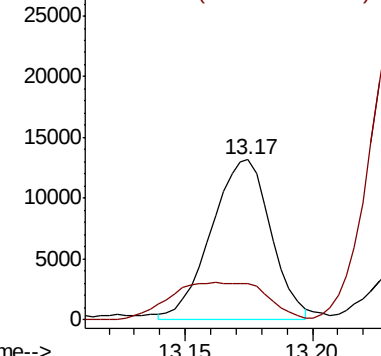
105 100

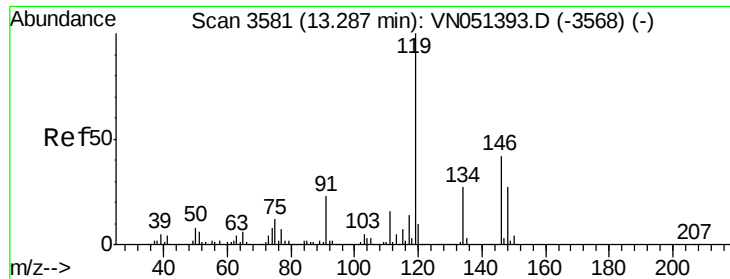
134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





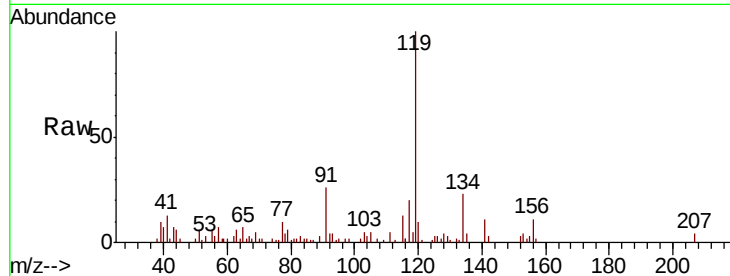
#86
p-Isopropyltoluene
Concen: 0.771 ug/l m
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Instrument :
MSVOA_N
ClientSampleId :
RFK-RMAB-MW10-GWDL

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	23580		
134	166.6	13.3	39.9#	
91	139.4	11.4	34.2#	

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:54:55 AM

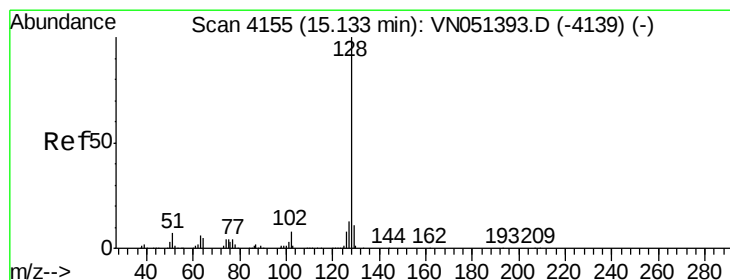
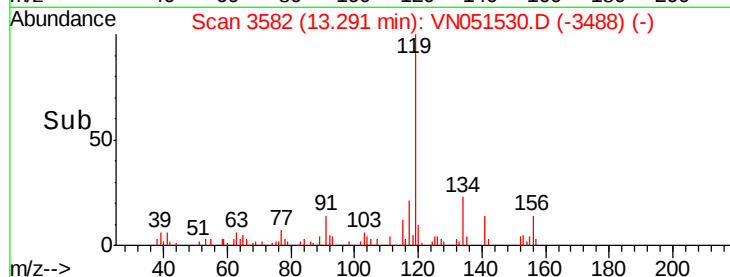
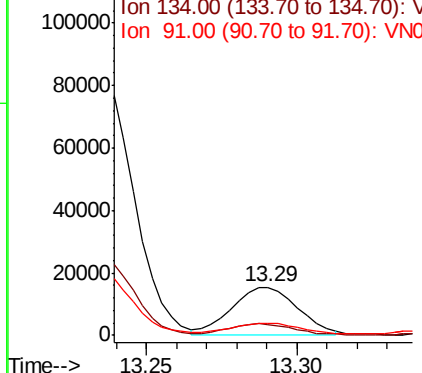


Abundance

Ion 119.00 (118.70 to 119.70): V

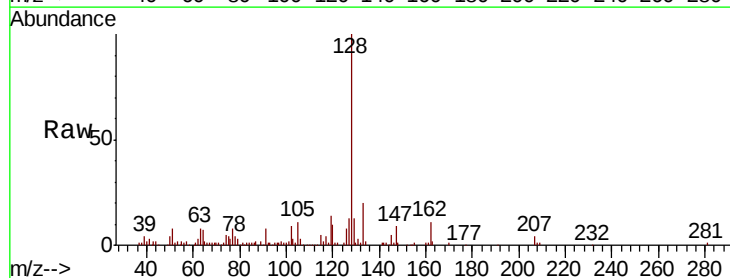
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 13.532 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051530.D
Acq: 26 Sep 2018 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	103779		
127	12.2	10.5	15.7	
129	9.5	8.6	12.8	



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

