

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051707.D
 Acq On : 6 Oct 2018 00:03
 Operator : MD\SY
 Sample : J5084-12 50X
 Misc : 6.42g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6(8-8.5)

Manual Integrations
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MMDadoda
 10/8/2018 12:50:09 PM

Quant Time: Oct 06 03:28:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	963180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	494061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387999	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	7.59	113	354545	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	10.09	98	1394811	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	447121	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	239595	18.959	ug/l	90
52) Toluene	10.16	92	458268	23.086	ug/l	99
67) Ethyl Benzene	11.51	91	963040	25.930	ug/l	99
68) m/p-Xylenes	11.62	106	2105835	141.708	ug/l	98
69) o-Xylene	11.95	106	676839	46.443	ug/l	100
73) Isopropylbenzene	12.25	105	256176	6.083	ug/l	99
78) n-propylbenzene	12.59	91	1055222	22.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1358638	38.280	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4965383	139.670	ug/l	100
85) sec-Butylbenzene	13.17	105	138142m	3.284	ug/l	
86) p-Isopropyltoluene	13.29	119	61903	1.660	ug/l	97
89) n-Butylbenzene	13.61	91	219121	7.431	ug/l #	69
95) Naphthalene	15.13	128	325378	18.982	ug/l	99

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

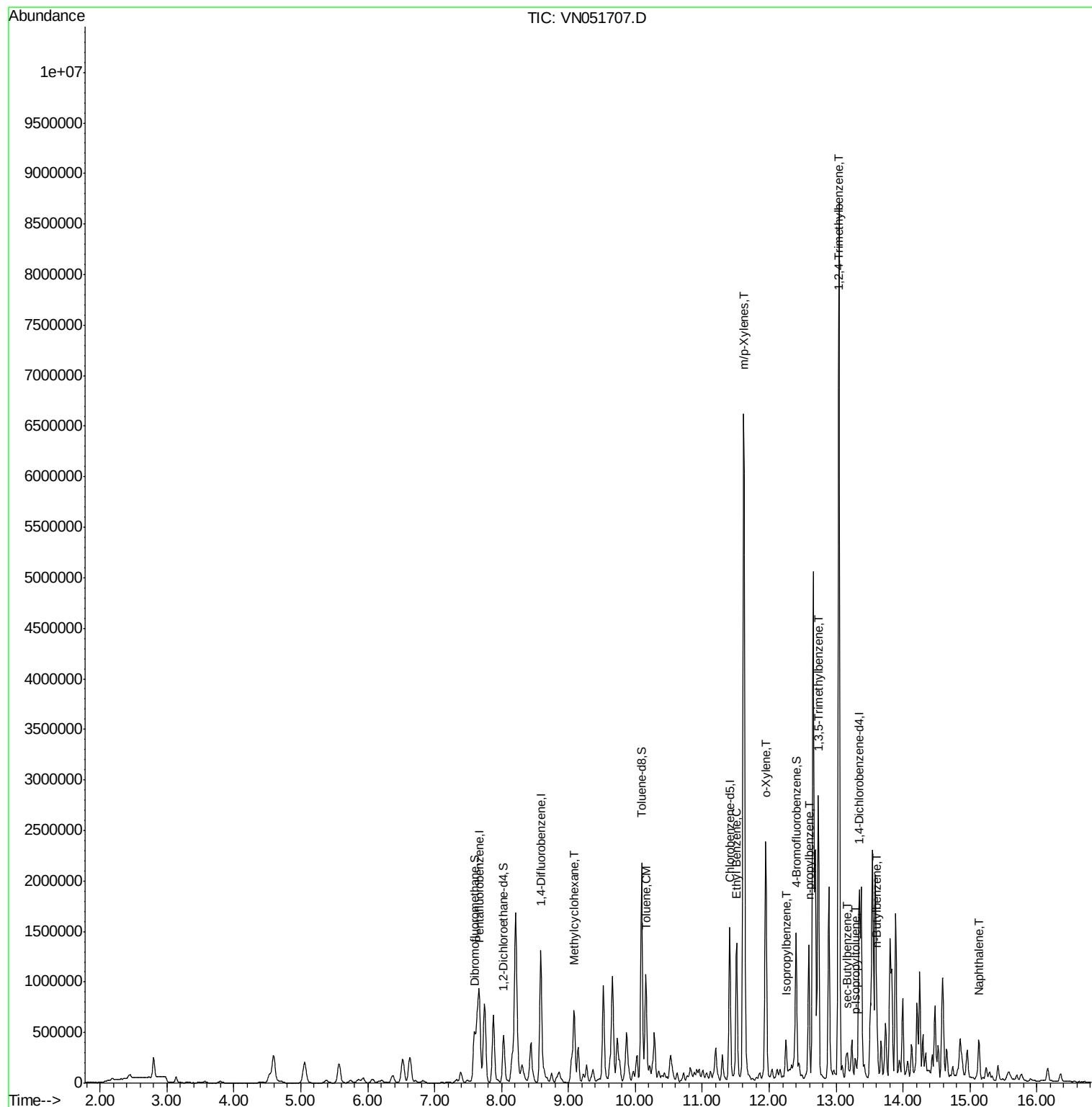
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
Data File : VN051707.D
Acq On : 6 Oct 2018 00:03
Operator : MD\SY
Sample : J5084-12 50X
Misc : 6.42g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 37 Sample Multiplier: 28

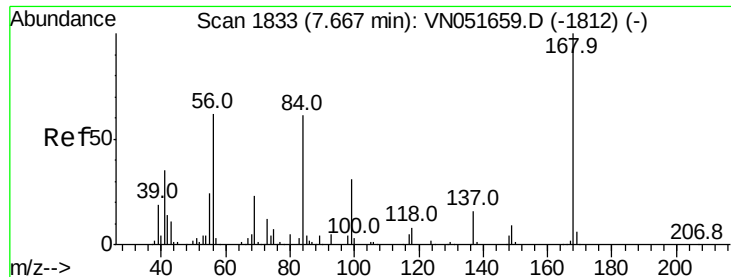
Instrument :
MSVOA_N
ClientSampleId :
B-6(8-8.5)

Manual Integrations
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Quant Time: Oct 06 03:28:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

B-6(8-8.5)

Tot Ion:168 Resp: 660856

Ion Ratio Lower Upper

168 100

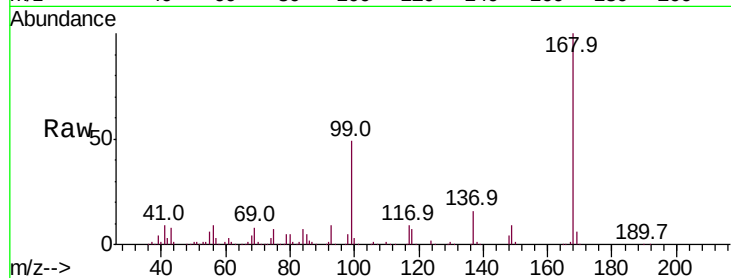
99 48.6 40.4 60.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN051707.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051707.D (-1740) (-)

7.67

250000

200000

150000

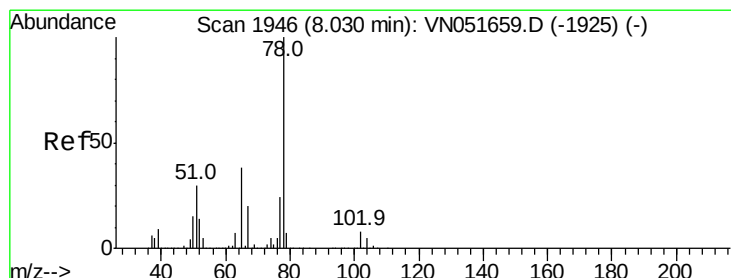
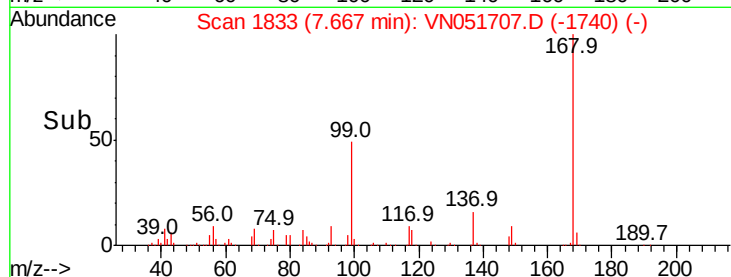
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051707.D

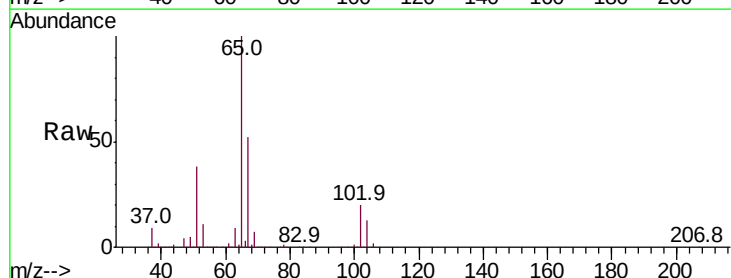
Acq: 6 Oct 2018 00:03

Tgt Ion: 65 Resp: 387999

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051707.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051707.D (-1853) (-)

8.03

150000

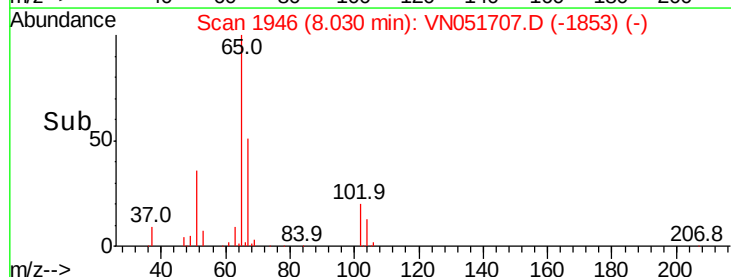
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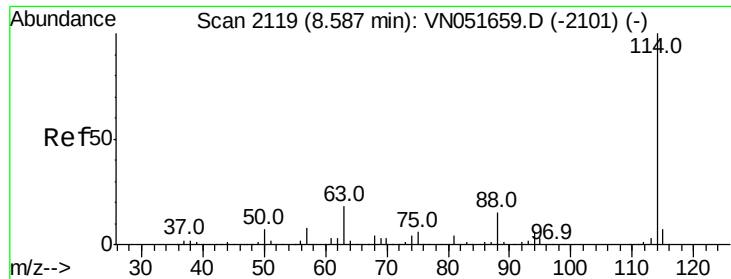
50000

0

7.90 8.00 8.10

Time-->





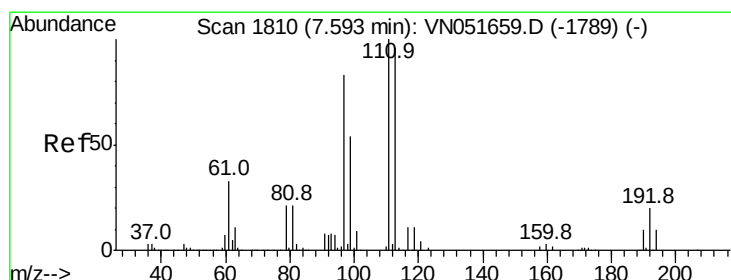
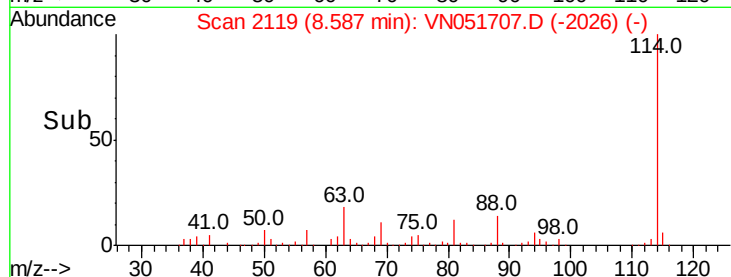
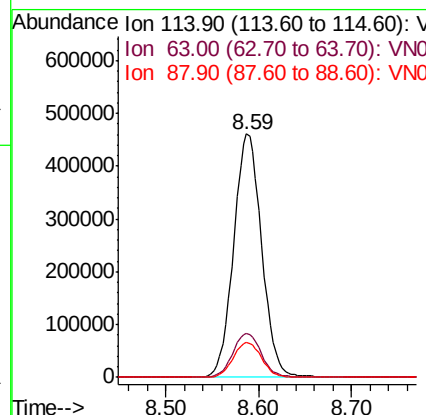
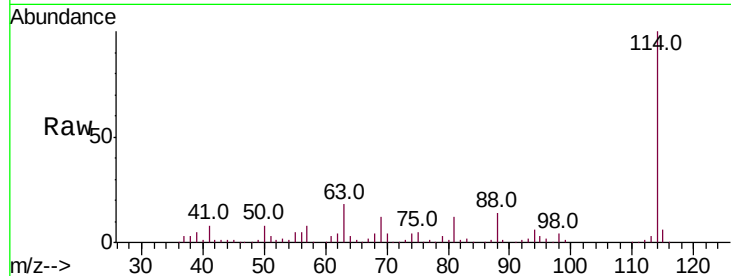
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051707.D
 Acq: 6 Oct 2018 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6(8-8.5)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.0	0.0	36.2
88	14.1	0.0	30.2

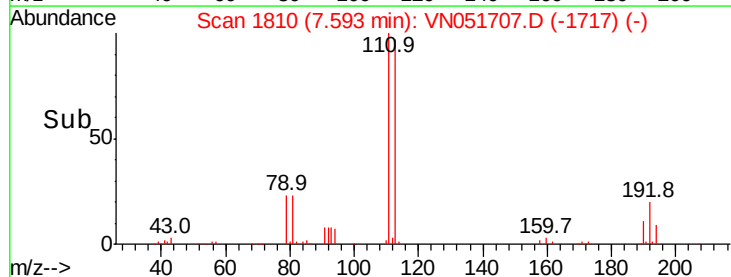
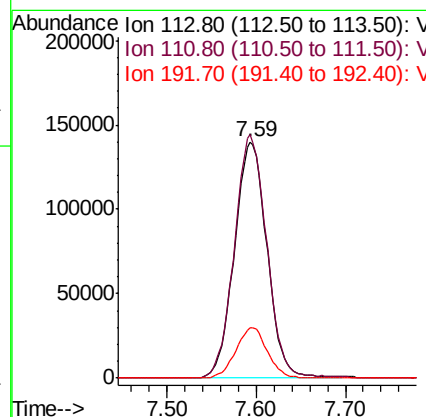
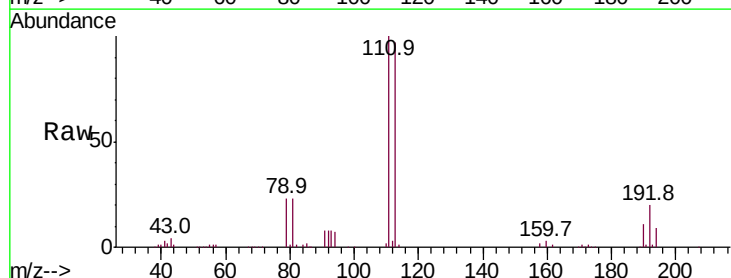
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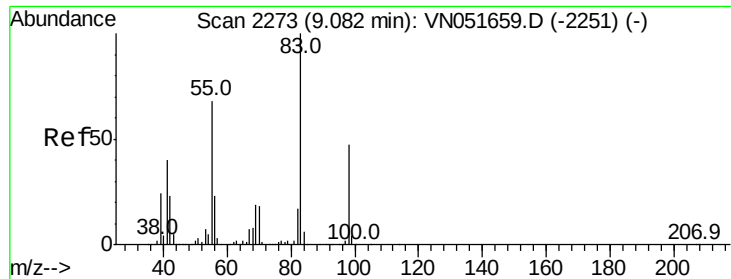
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051707.D
 Acq: 6 Oct 2018 00:03

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.9	81.8	122.8
192	20.7	16.5	24.7





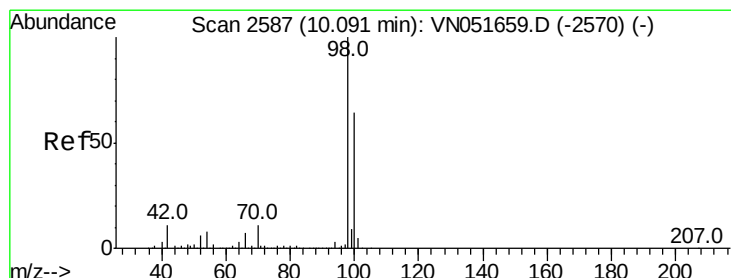
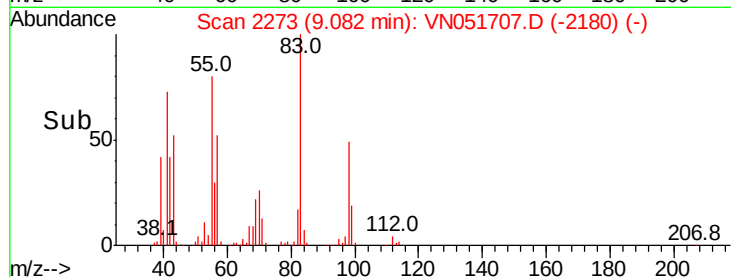
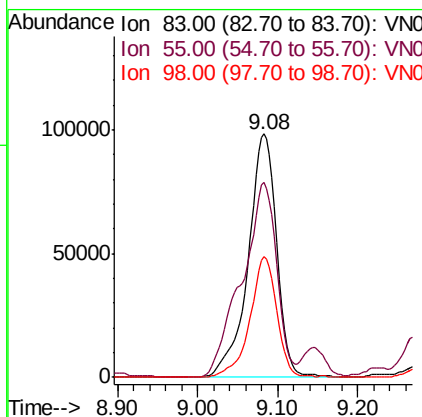
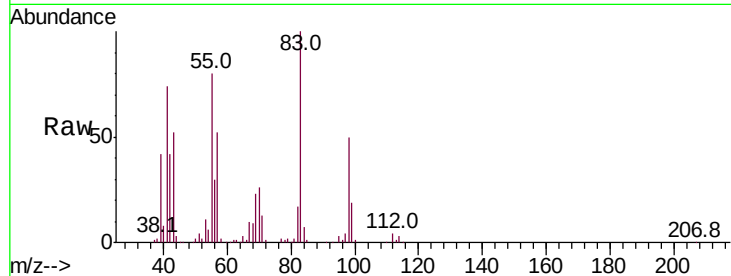
#39
Methylvlcyclohexane
Concen: 18.959 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Instrument :
MSVOA_N
ClientSampled :
B-6(8-8.5)

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	54.3	81.5
98	49.5	37.4	56.2

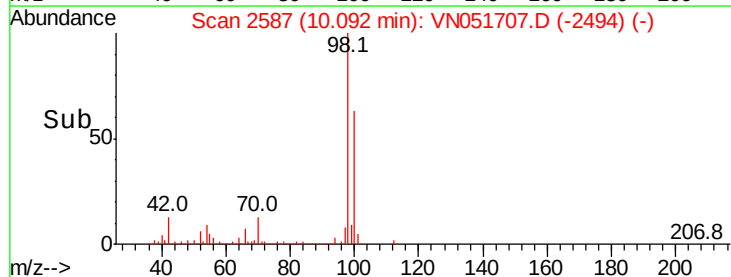
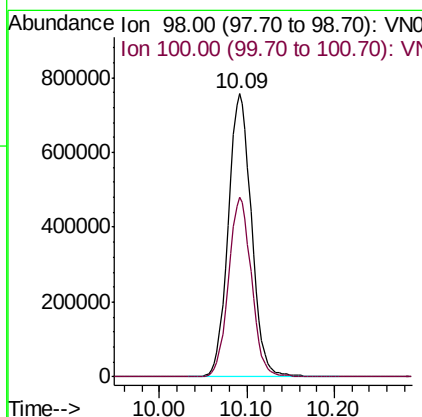
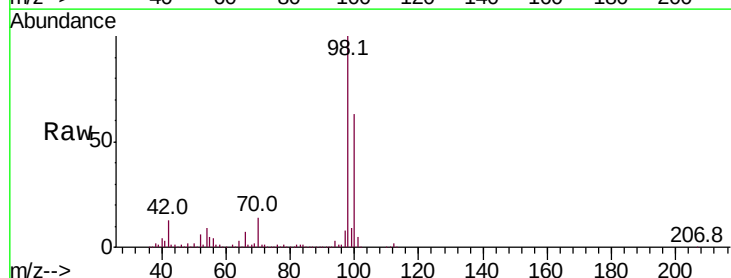
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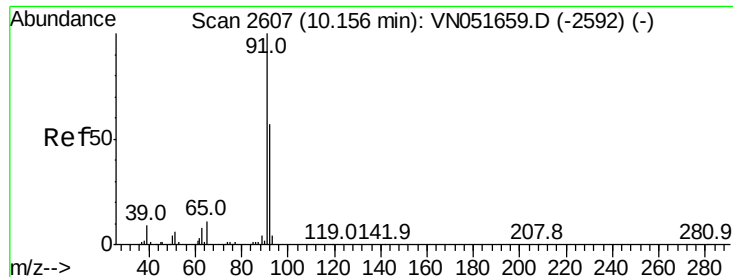
MMDadoda
10/8/2018 12:50:09 PM



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.5	77.3





#52

Toluene

Concen: 23.086 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

B-6(8-8.5)

Tot Ion: 92 Resp: 458268

Ion Ratio Lower Upper

92 100

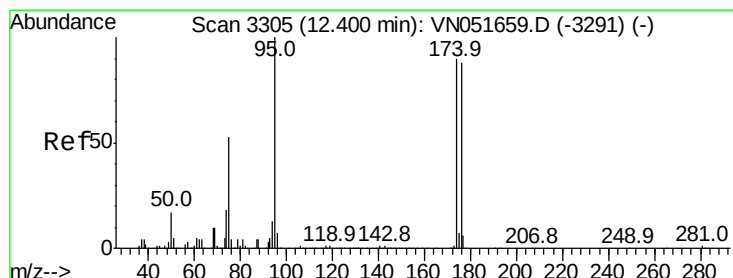
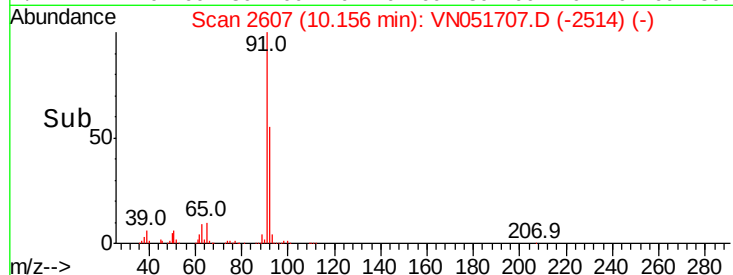
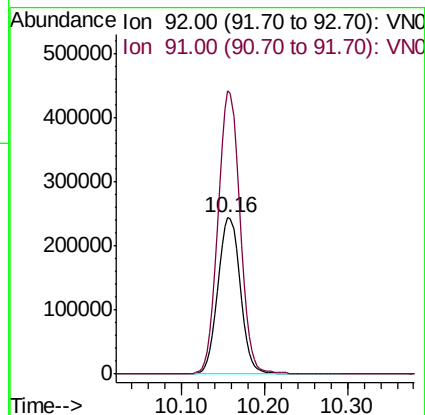
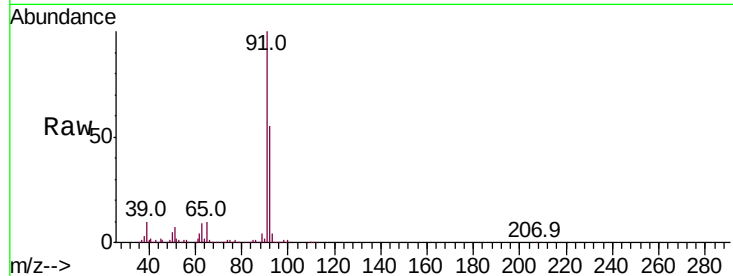
91 176.5 140.3 210.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

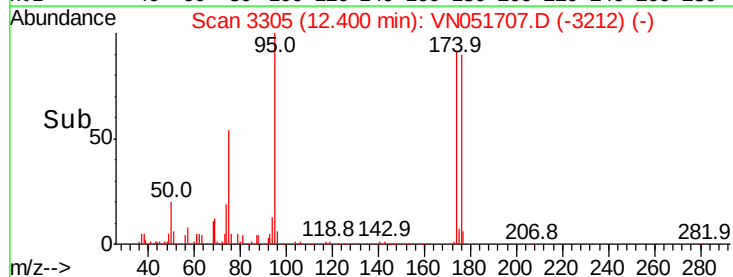
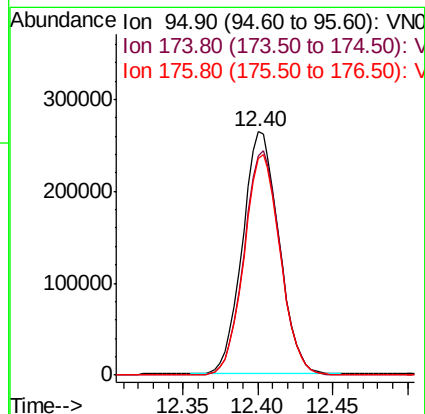
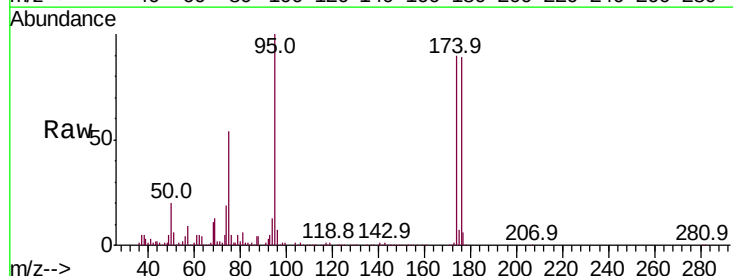
Tgt Ion: 95 Resp: 447121

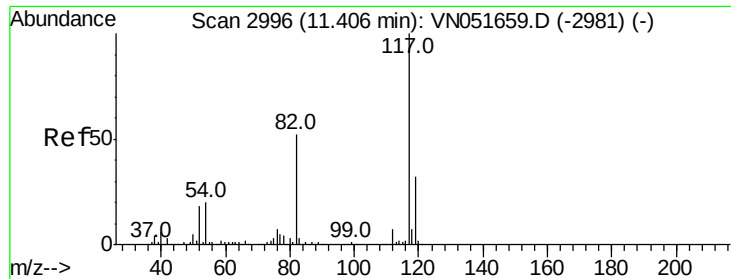
Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.8

176 90.5 0.0 176.4





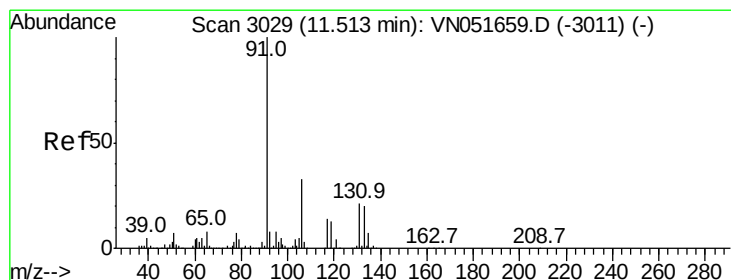
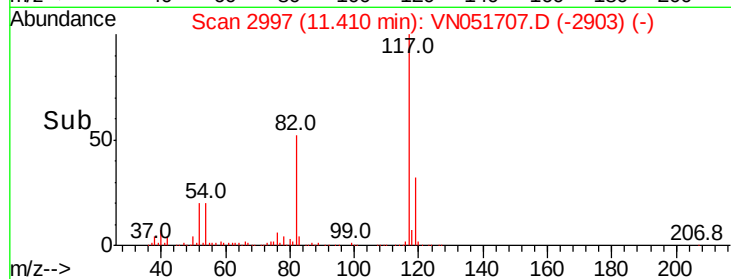
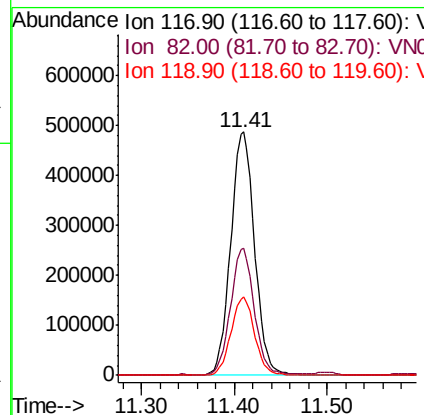
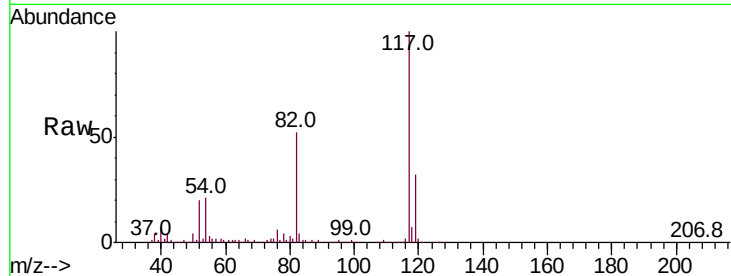
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Instrument :
MSVOA_N
ClientSampleId :
B-6(8-8.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.3	61.9
119	32.1	25.9	38.9

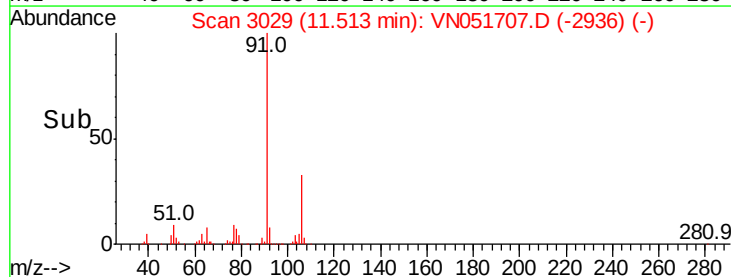
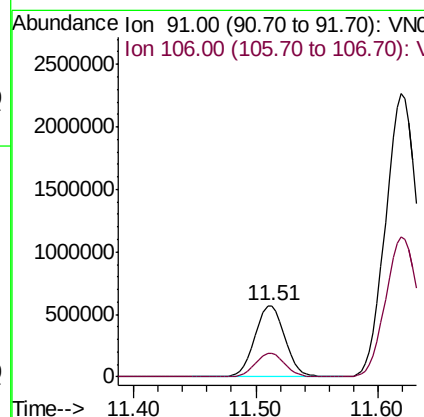
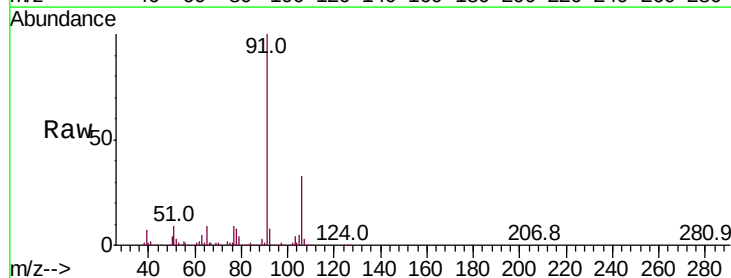
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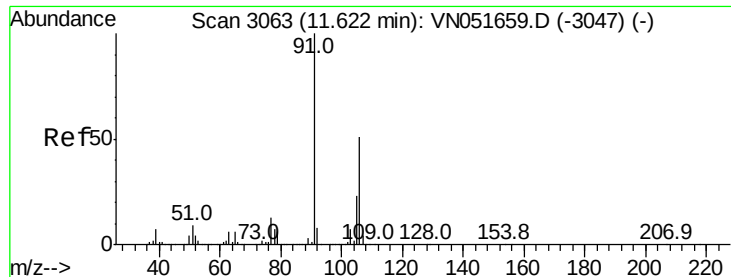
MMDadoda
10/8/2018 12:50:09 PM



#67
Ethyl Benzene
Concen: 25.930 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.0	39.0





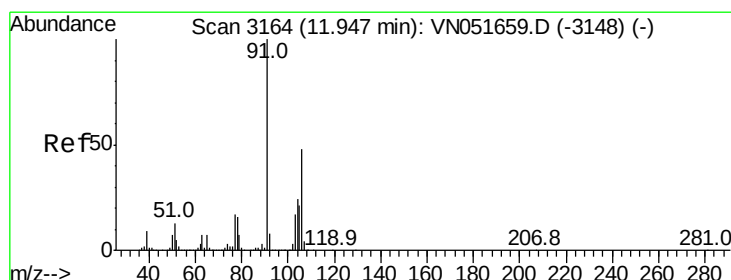
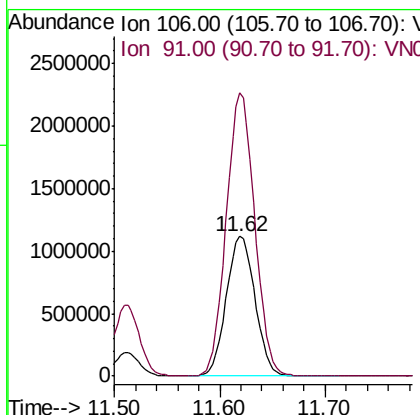
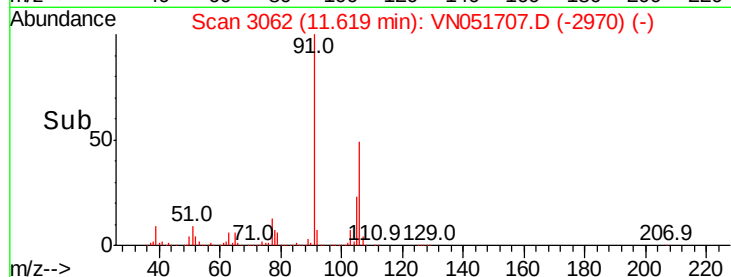
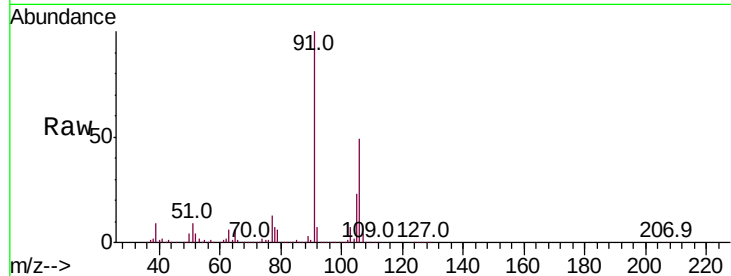
#68
m/p-Xylenes
Concen: 141.708 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Instrument :
MSVOA_N
ClientSampled :
B-6(8-8.5)

Tot Ion:106 Resp: 2105835
Ion Ratio Lower Upper
106 100
91 200.3 158.4 237.6

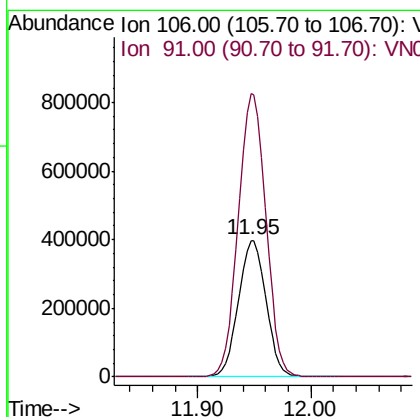
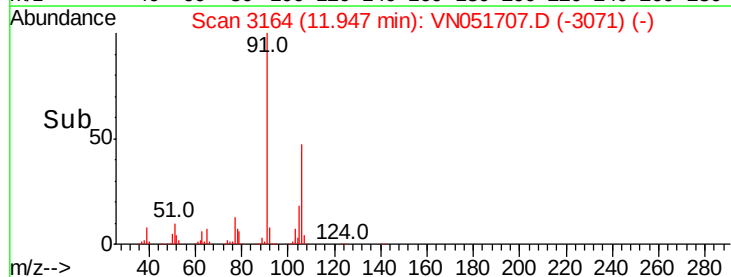
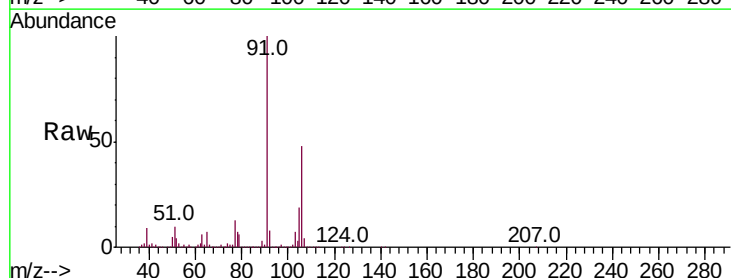
Manual Integrations
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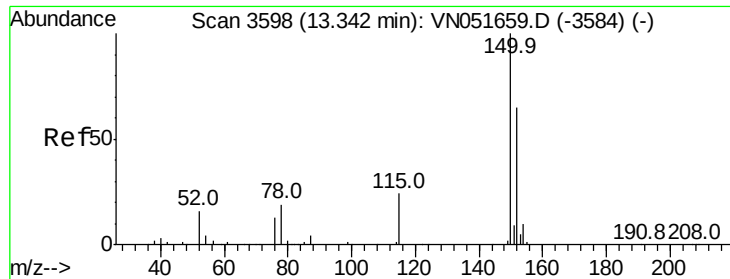
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#69
o-Xylene
Concen: 46.443 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Tgt Ion:106 Resp: 676839
Ion Ratio Lower Upper
106 100
91 208.1 104.4 313.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

Instrument :

MSVOA_N

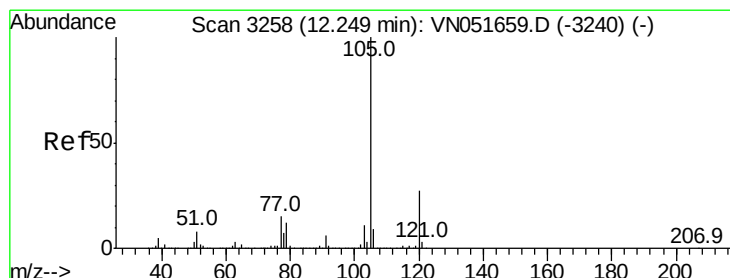
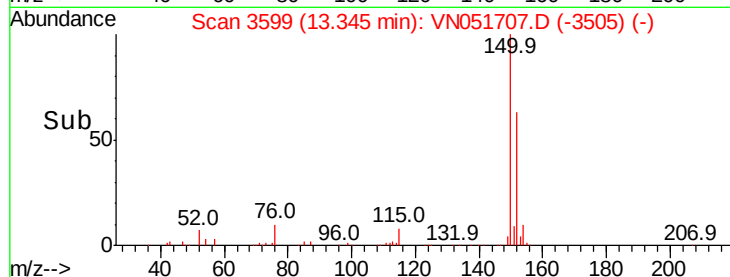
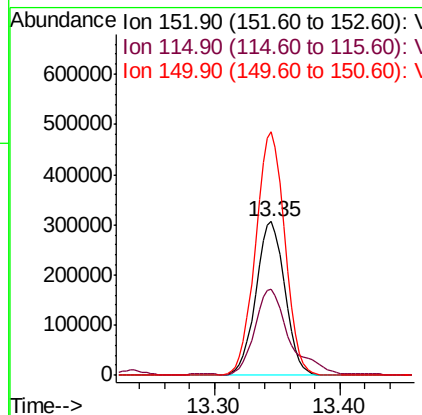
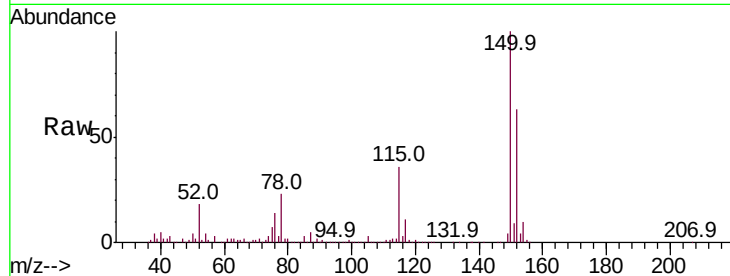
ClientSampled :

B-6(8-8.5)

Tot Ion:	152	Resp:	494061
Ion Ratio	Lower	Upper	
152	100		
115	65.3	28.6	85.8
150	159.4	0.0	352.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 6.083 ug/l

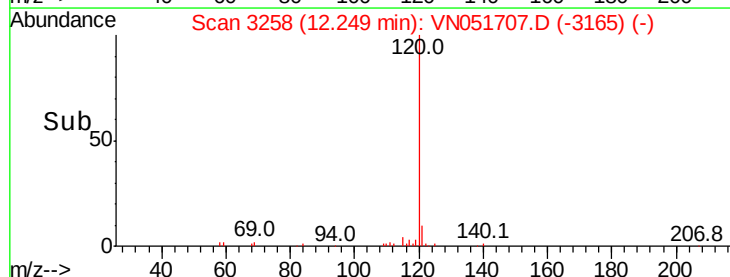
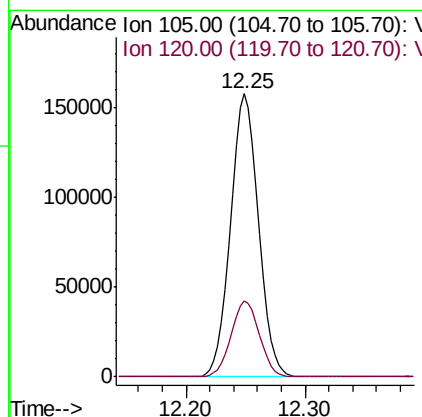
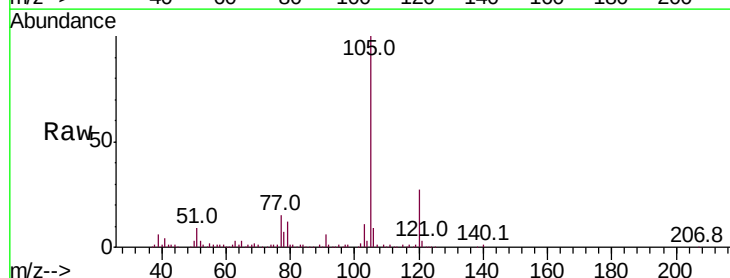
RT: 12.25 min Scan# 3258

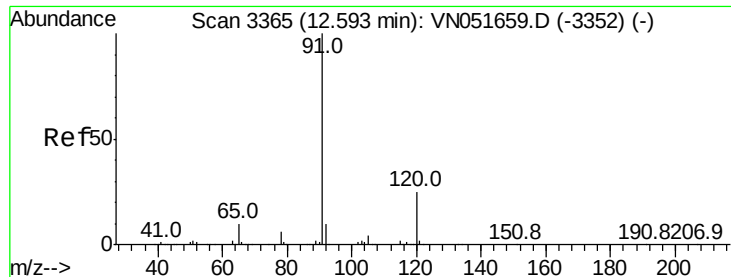
Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

Tgt Ion:	105	Resp:	256176
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.9	41.6





#78

n-propylbenzene

Concen: 22.971 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

B-6(8-8.5)

Tot Ion: 91 Resp: 1055222

Ion Ratio Lower Upper

91 100

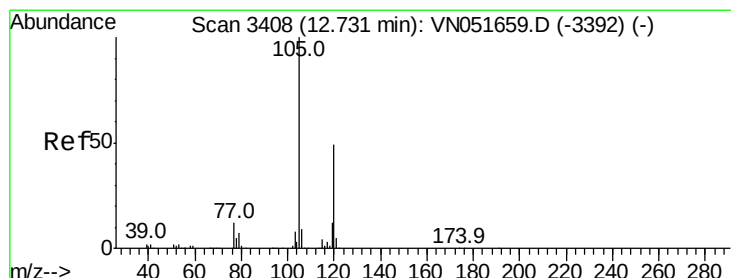
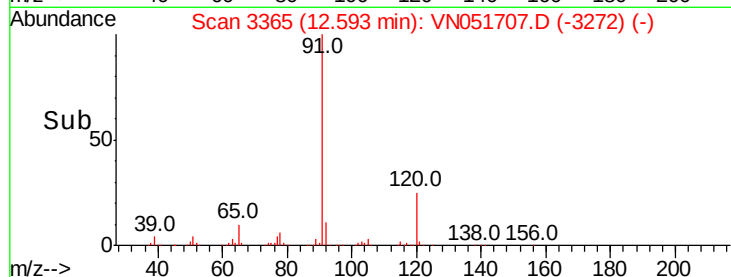
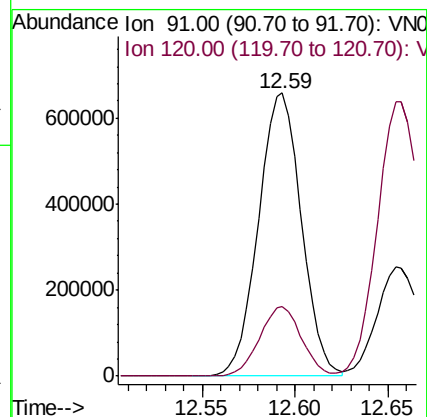
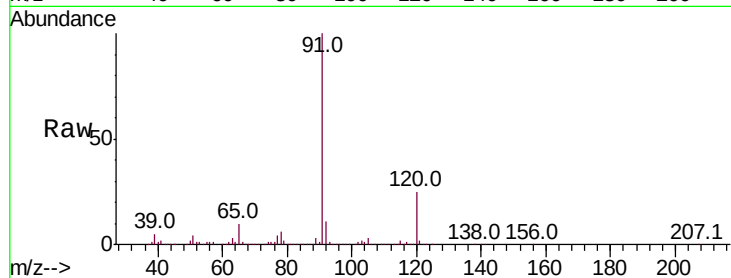
120 24.1 12.4 37.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 38.280 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051707.D

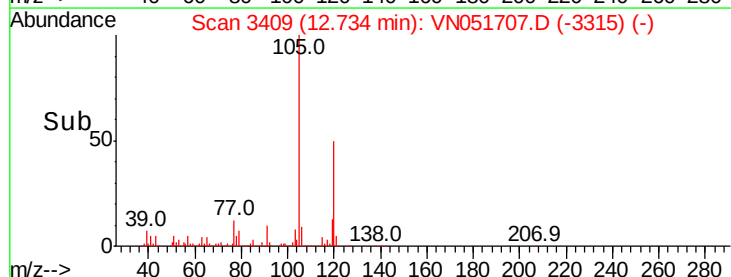
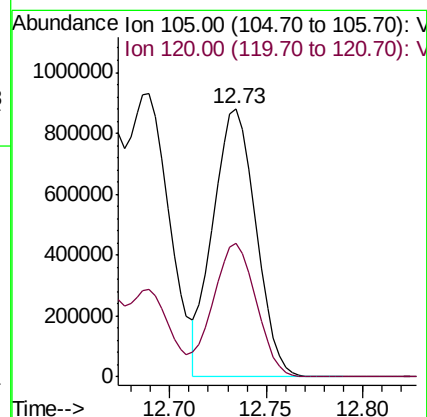
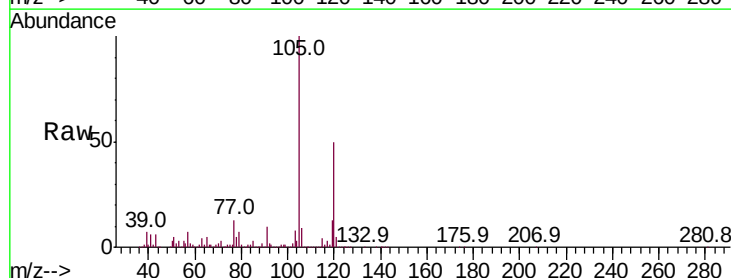
Acq: 6 Oct 2018 00:03

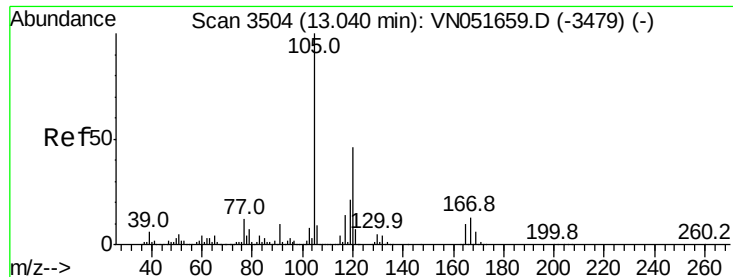
Tgt Ion: 105 Resp: 1358638

Ion Ratio Lower Upper

105 100

120 50.7 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 139.670 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051707.D

Acq: 6 Oct 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

B-6(8-8.5)

Tot Ion:105 Resp: 4965383

Ion Ratio Lower Upper

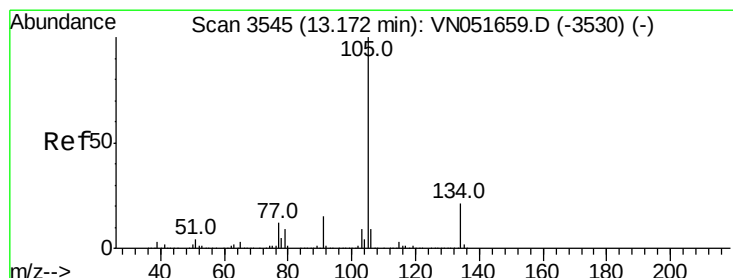
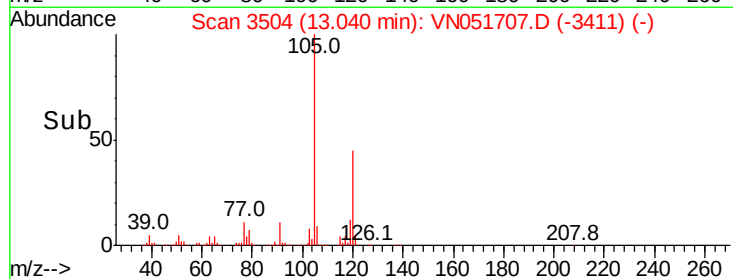
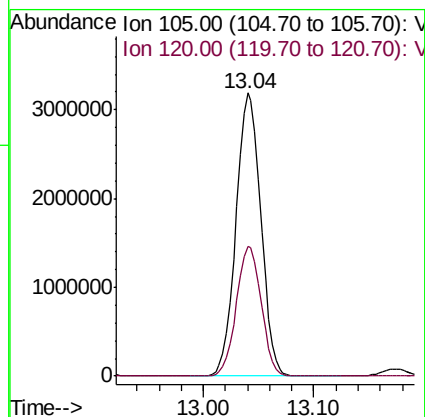
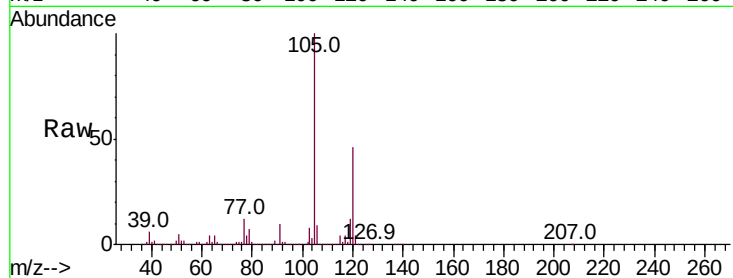
105 100

120 46.0 22.9 68.7

Manual Integrations
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#85

sec-Butylbenzene

Concen: 3.284 ug/l m

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051707.D

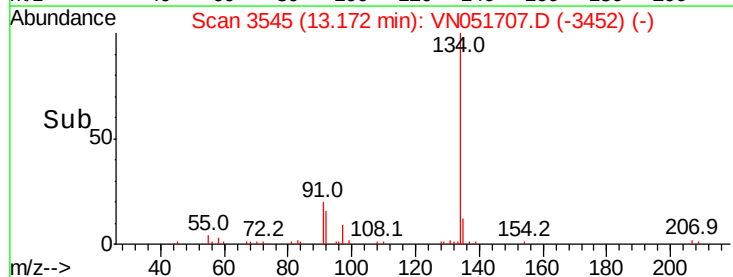
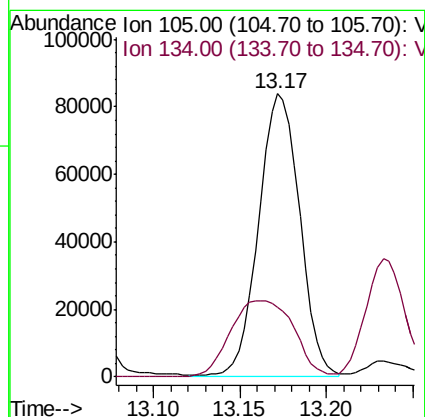
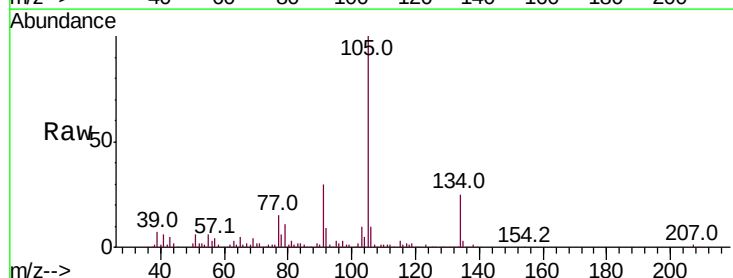
Acq: 6 Oct 2018 00:03

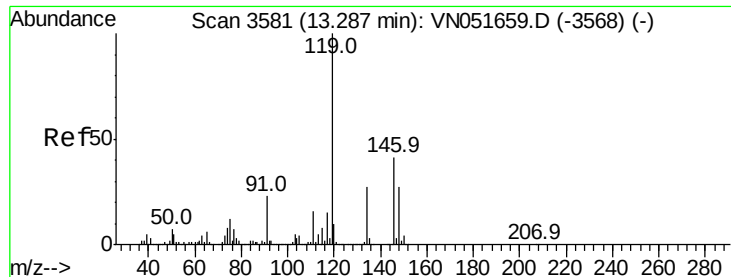
Tgt Ion:105 Resp: 138142

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#





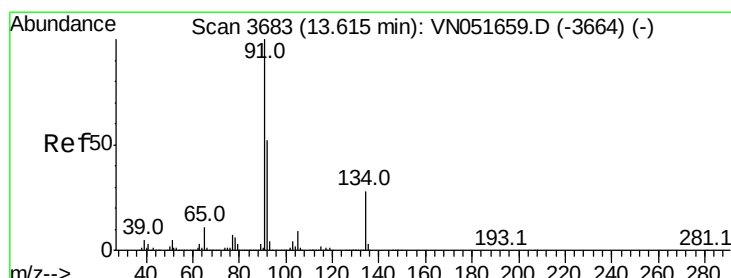
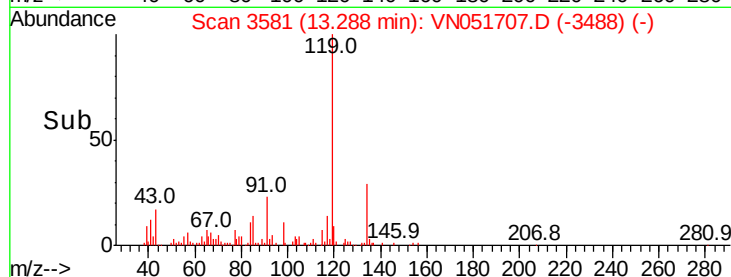
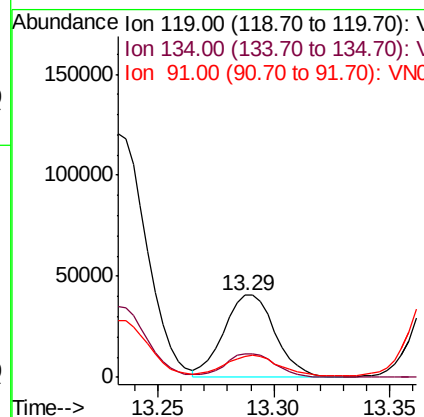
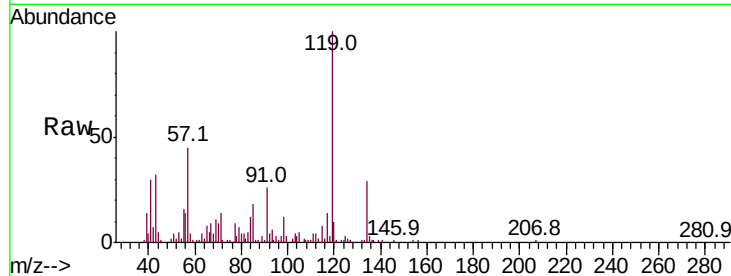
#86
 p-Isopropyltoluene
 Concen: 1.660 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN051707.D
 Acq: 6 Oct 2018 00:03

Instrument :
 MSVOA_N
 ClientSampled :
 B-6(8-8.5)

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.4	40.2
91	25.3	11.7	35.1

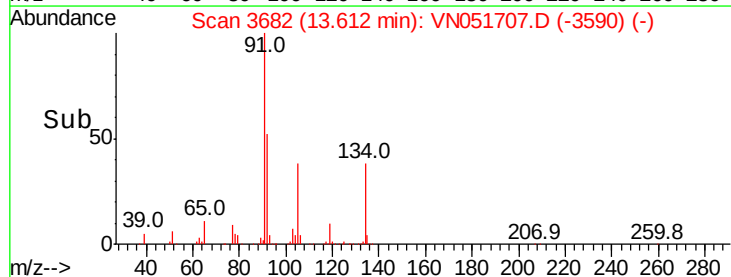
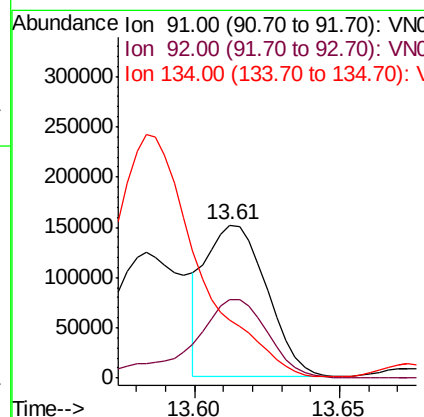
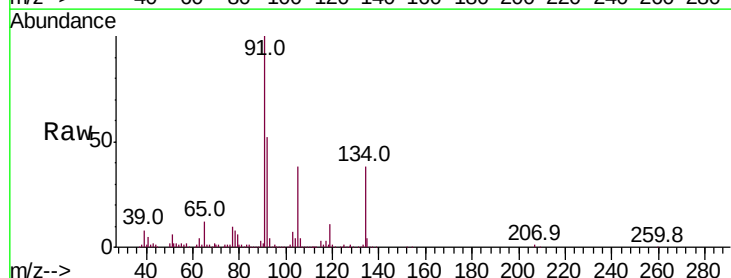
Manual Integrations
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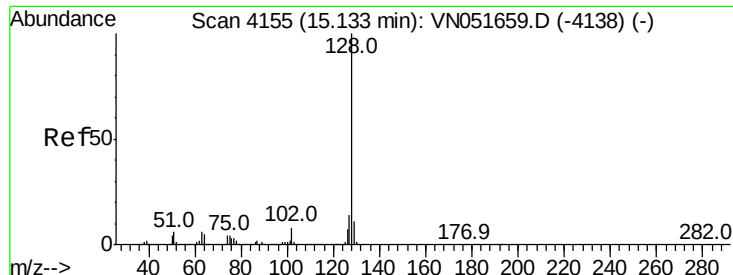
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#89
 n-Butylbenzene
 Concen: 7.431 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN051707.D
 Acq: 6 Oct 2018 00:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	65.1	26.0	78.0
134	0.0	14.2	42.6#





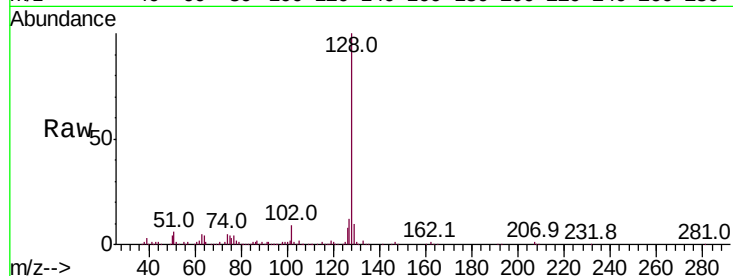
#95
Naphthalene
Concen: 18.982 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051707.D
Acq: 6 Oct 2018 00:03

Instrument :
MSVOA_N
ClientSampleId :
B-6(8-8.5)

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.4	9.0	13.6

Manual Integrations
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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

