

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051135.D
 Acq On : 11 Sep 2018 18:30
 Operator : MD\SY
 Sample : J4849-08DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 10:07:38 AM

Quant Time: Sep 12 04:09:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	687093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	894034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397555	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	7.59	113	393300	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1444915	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.40	95	439825	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	2648	0.30	ug/l	56
67) Ethyl Benzene	11.51	91	40290	1.10	ug/l	95
73) Isopropylbenzene	12.25	105	552556	18.61	ug/l	100
78) n-propylbenzene	12.59	91	1167675	35.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	28761m	1.20	ug/l	
83) tert-Butylbenzene	12.99	119	61499	2.90	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	6462306	273.78	ug/l	100
85) sec-Butylbenzene	13.17	105	358491	13.19	ug/l	81
86) p-Isopropyltoluene	13.29	119	47683m	2.07	ug/l	
89) n-Butylbenzene	13.61	91	105766	5.90	ug/l #	62
95) Naphthalene	15.14	128	3357	5.57	ug/l #	91

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

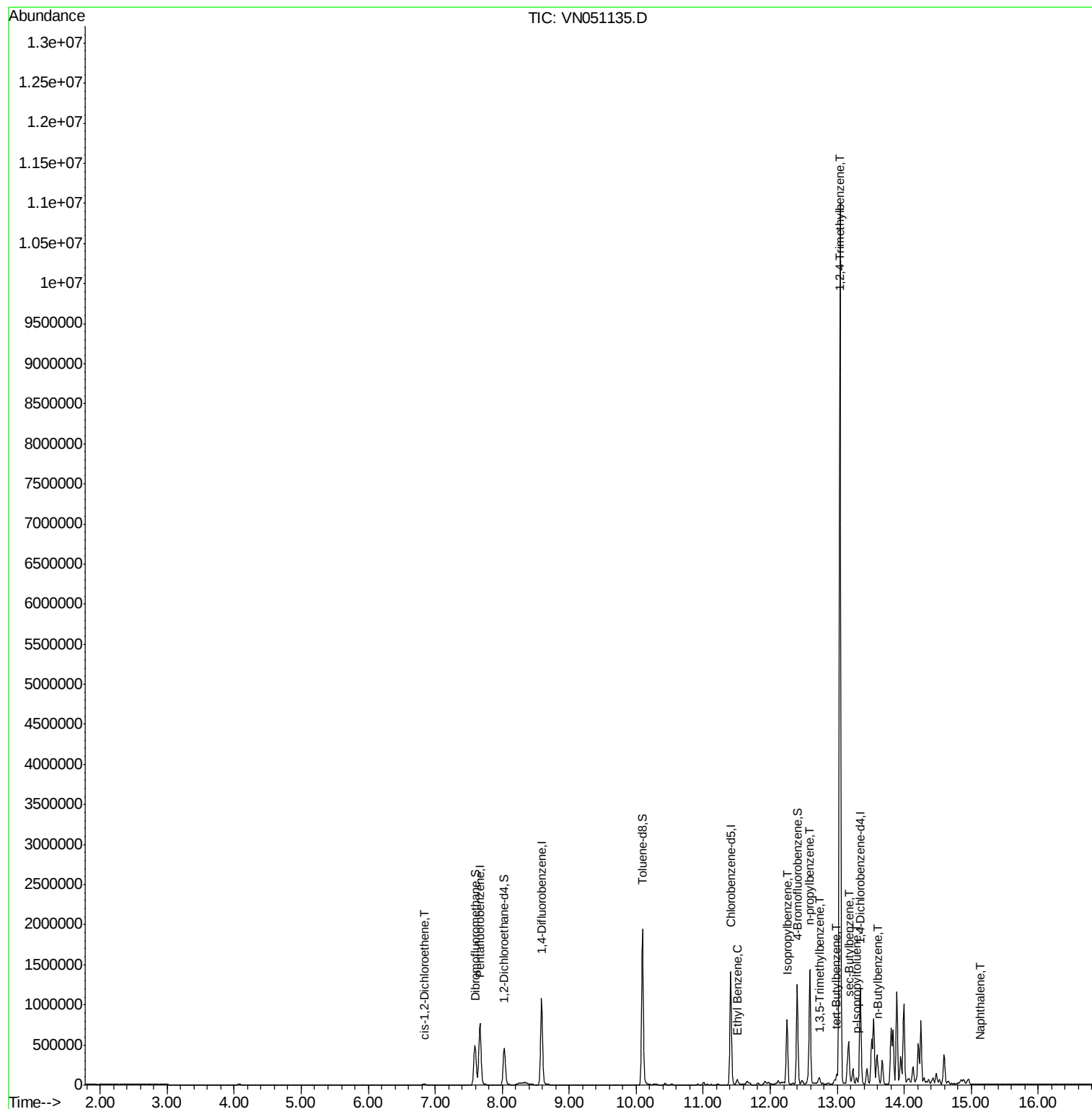
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051135.D
Acq On : 11 Sep 2018 18:30
Operator : MD\SY
Sample : J4849-08DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

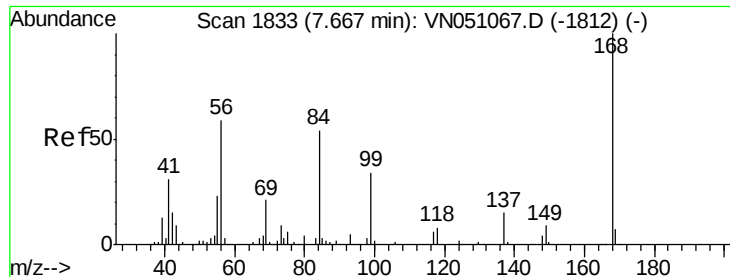
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-FDL

Manual Integrations
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Quant Time: Sep 12 04:09:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-FDL

Tot Ion:168 Resp: 687093

Ion Ratio Lower Upper

168 100

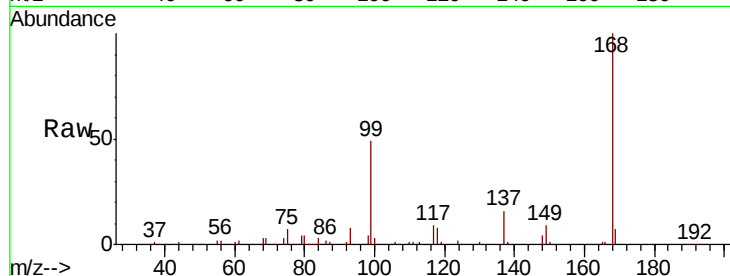
99 49.0 38.3 57.5

Manual Integrations

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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

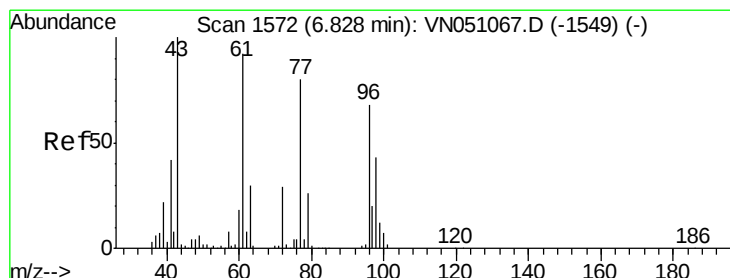
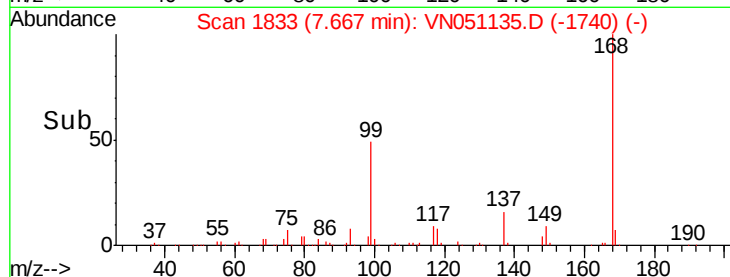
300000

200000

100000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

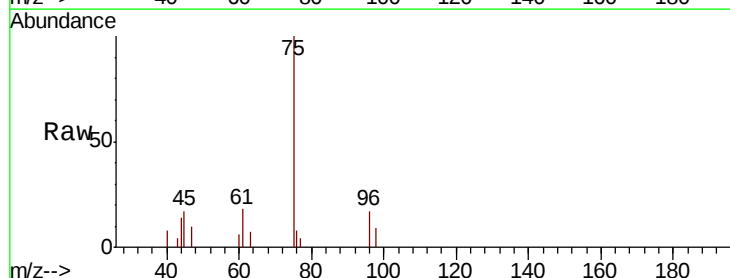
Tgt Ion: 96 Resp: 2648

Ion Ratio Lower Upper

96 100

61 68.5 0.0 278.2

98 54.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

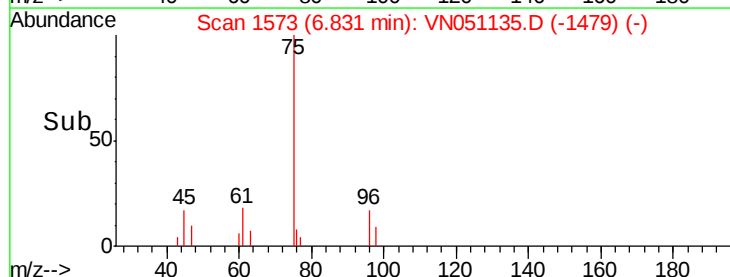
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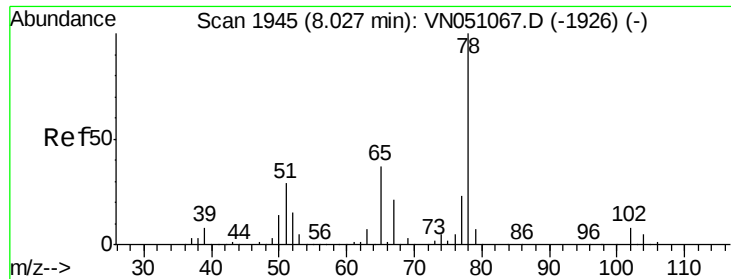
1000

500

0

Time-->





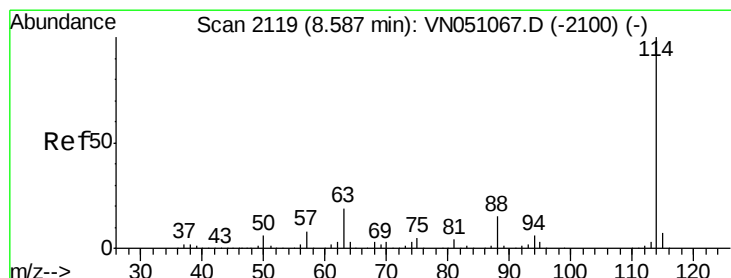
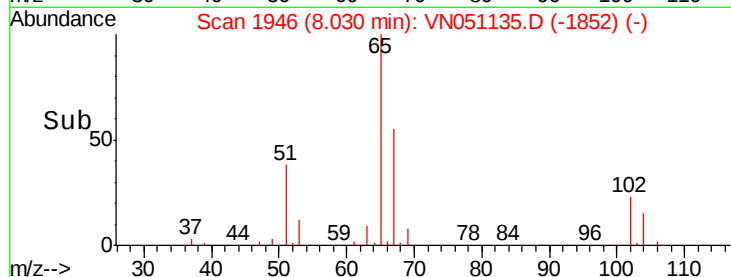
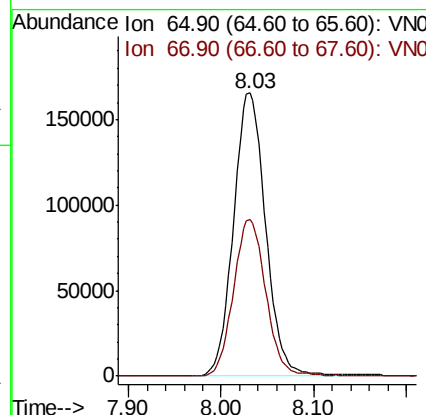
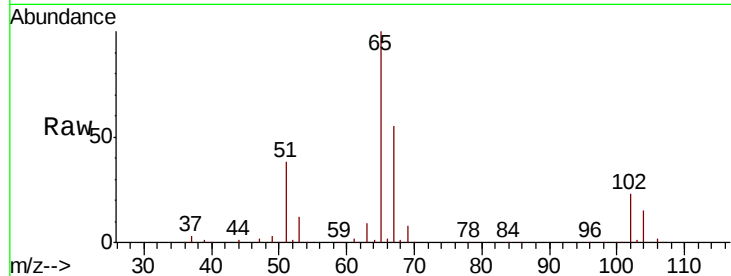
#33
 1,2-Dichloroethane-d4
 Concen: 51.99 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	397555		
67	55.6	0.0	112.0	

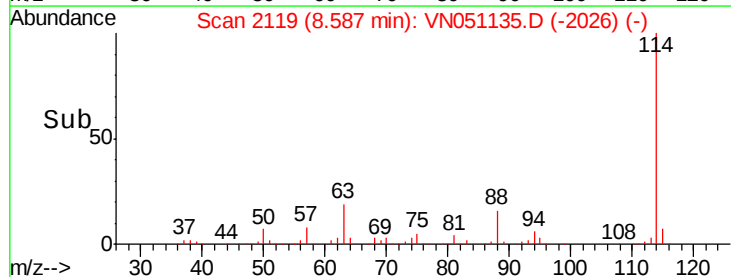
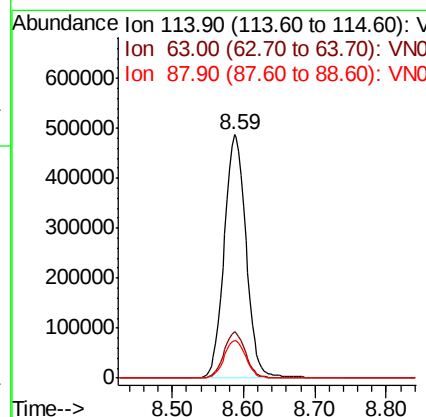
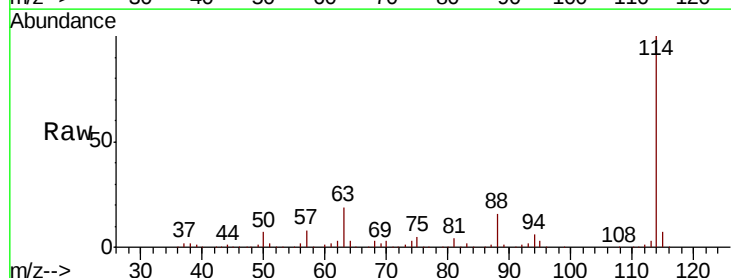
Manual Integrations
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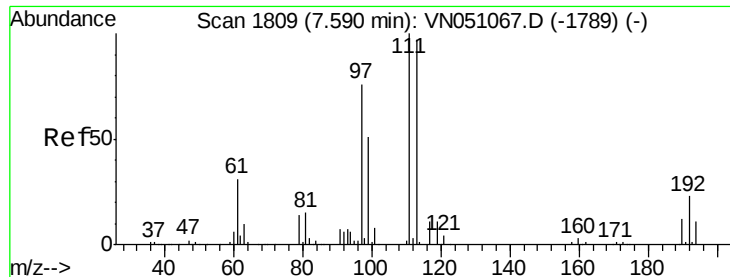
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1040675		
63	18.9	0.0	37.8	
88	15.6	0.0	30.8	





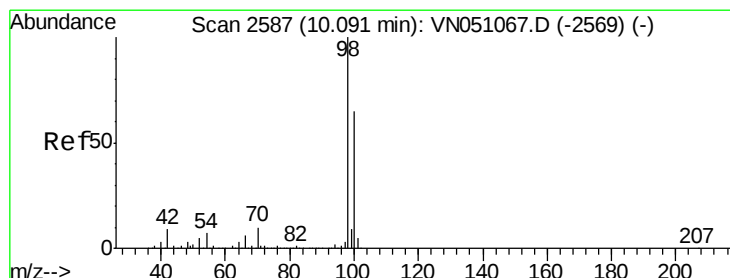
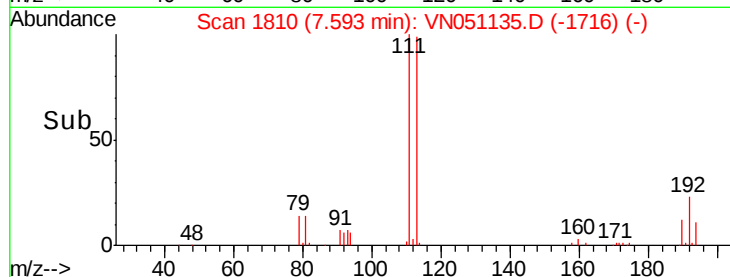
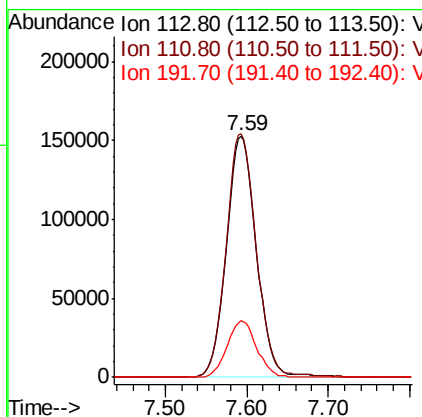
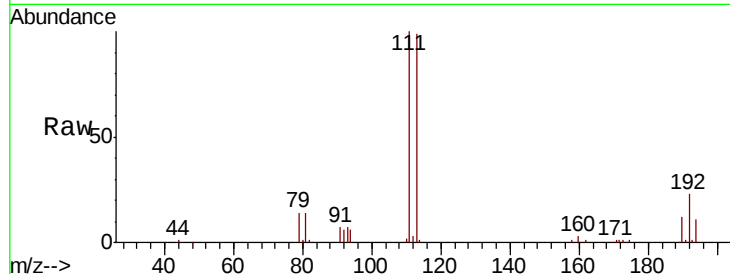
#35
 Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	393300		
111	100.7	83.0	124.6	
192	23.1	18.7	28.1	

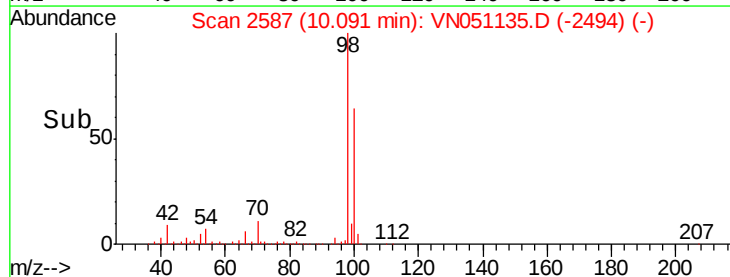
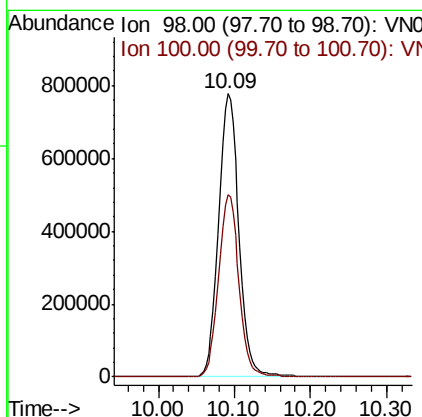
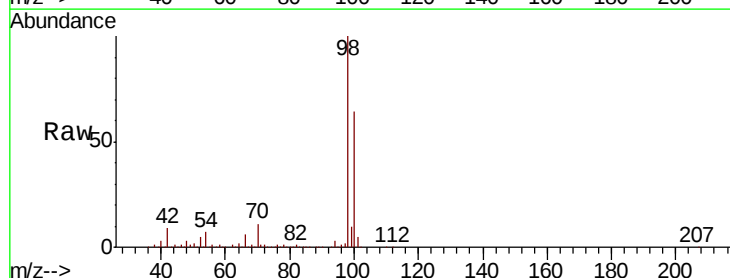
Manual Integrations
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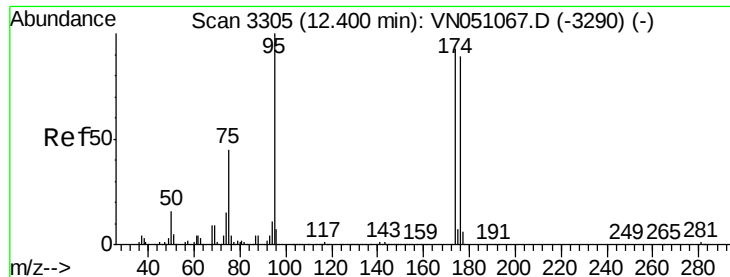
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#50
 Toluene-d8
 Concen: 48.69 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1444915		
100	64.6	52.0	78.0	





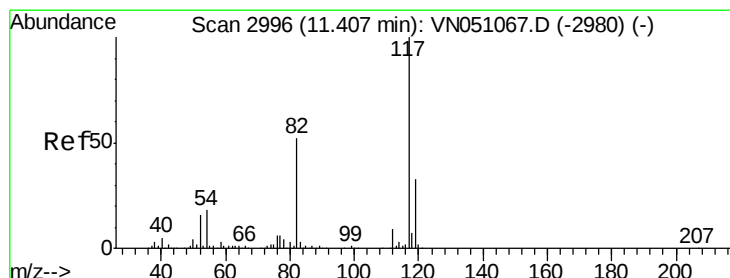
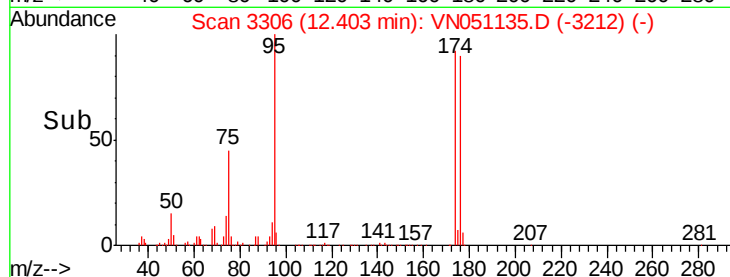
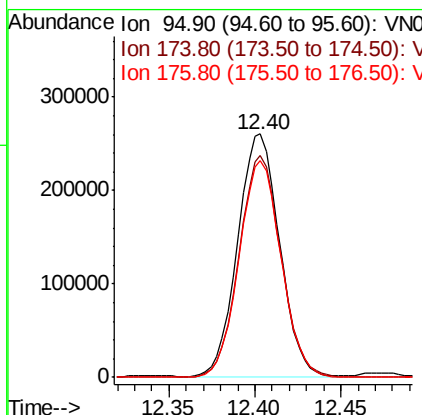
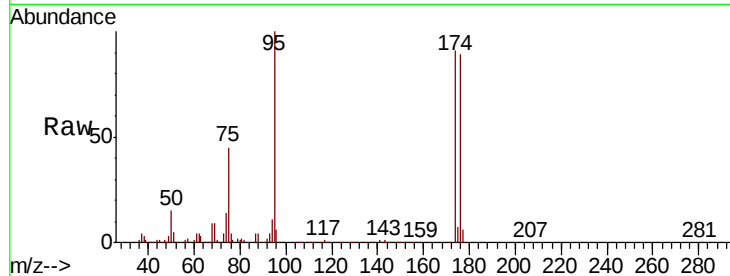
#62
4-Bromofluorobenzene
Concen: 44.81 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	439825		
174	91.5	0.0	184.8	
176	89.7	0.0	178.6	

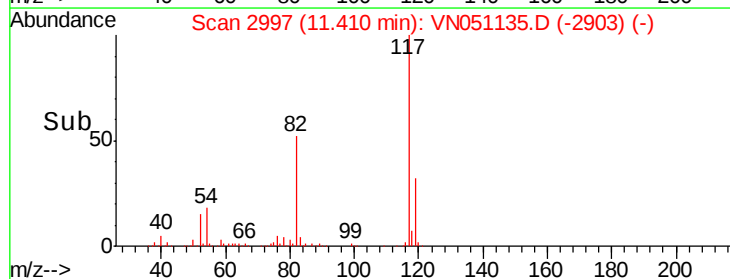
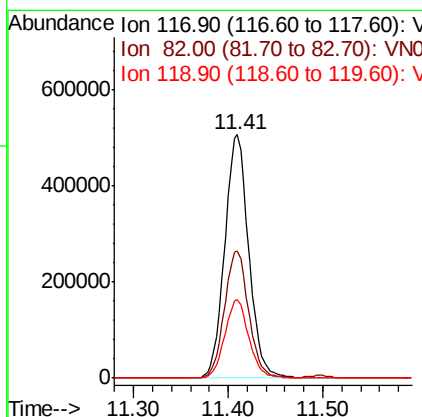
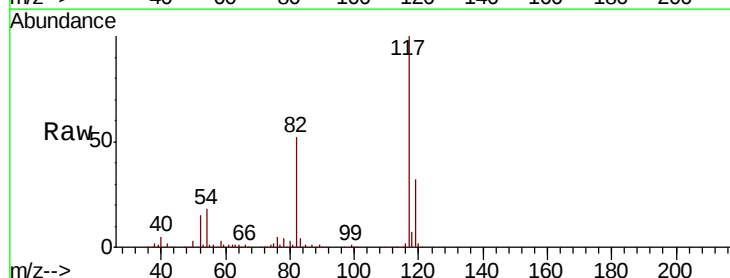
Manual Integrations
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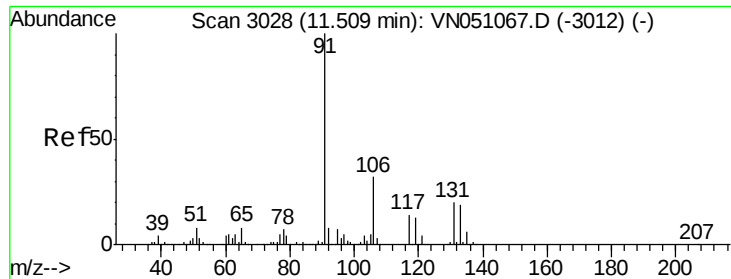
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	894034		
82	52.2	41.8	62.6	
119	32.2	26.2	39.2	





#67

Ethyl Benzene

Concen: 1.10 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

Tot Ion: 91 Resp: 40290

Ion Ratio Lower Upper

91 100

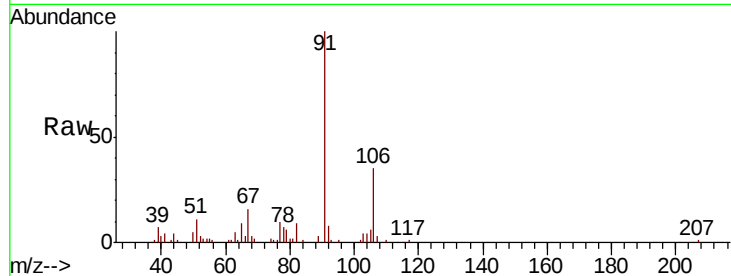
106 34.6 25.4 38.2

Manual Integrations

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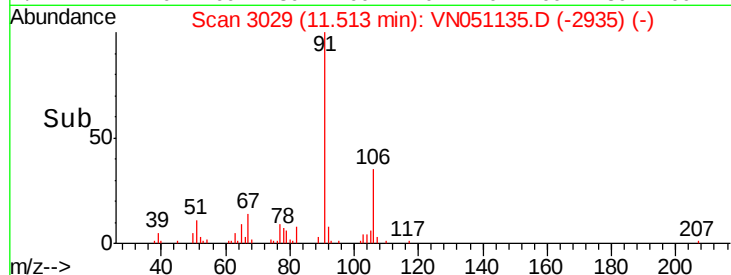
9/12/2018 10:07:38 AM



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN051067.D (-3012) (-)

Time-->

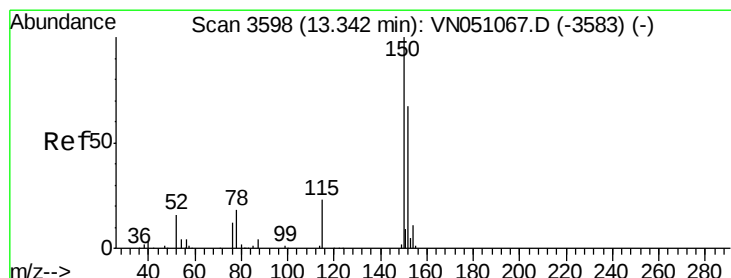


Abundance

Ion 91.00 (90.70 to 91.70): VN051135.D (-2935) (-)

Ion 106.00 (105.70 to 106.70): VN051135.D (-2935) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

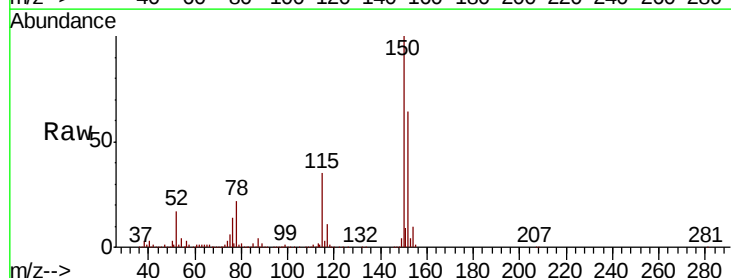
Tgt Ion: 152 Resp: 354067

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.6 0.0 349.0

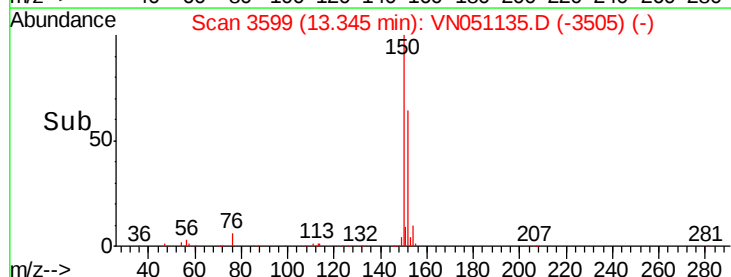


Abundance Ion 151.90 (151.60 to 152.60): VN051067.D (-3583) (-)

Ion 114.90 (114.60 to 115.60): VN051067.D (-3583) (-)

Ion 149.90 (149.60 to 150.60): VN051067.D (-3583) (-)

Time-->



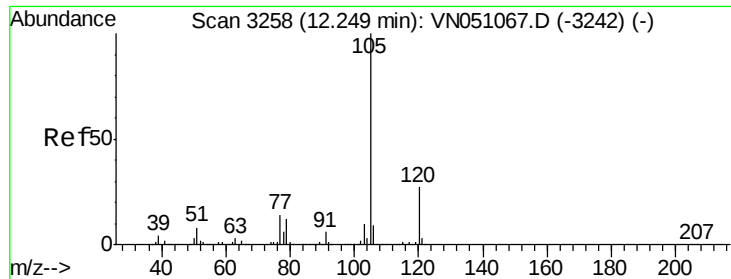
Abundance

Ion 151.90 (151.60 to 152.60): VN051135.D (-3505) (-)

Ion 114.90 (114.60 to 115.60): VN051135.D (-3505) (-)

Ion 149.90 (149.60 to 150.60): VN051135.D (-3505) (-)

Time-->



#73

Isopropylbenzene

Concen: 18.61 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

Tot Ion: 105 Resp: 552556

Ion Ratio Lower Upper

105 100

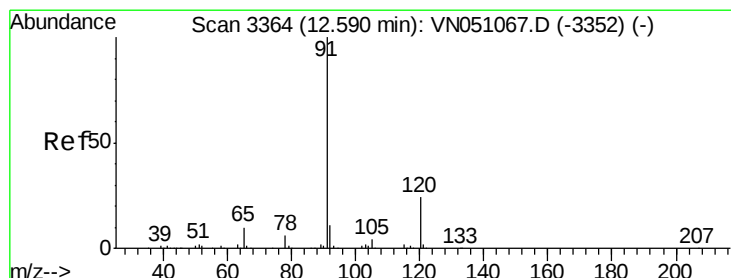
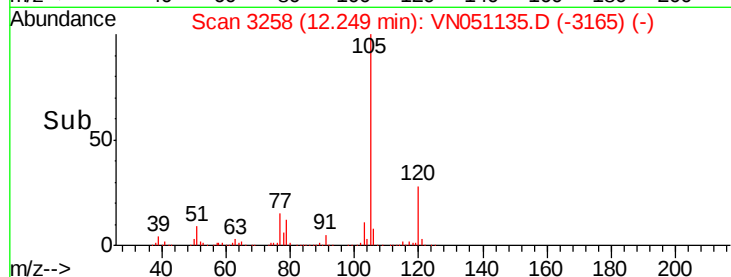
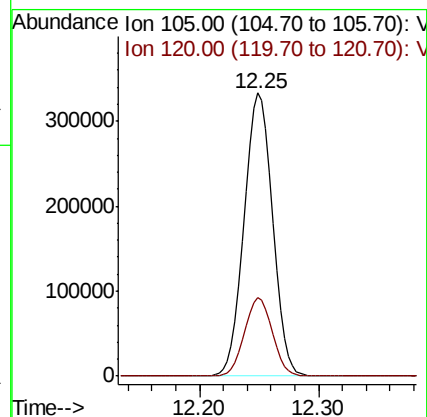
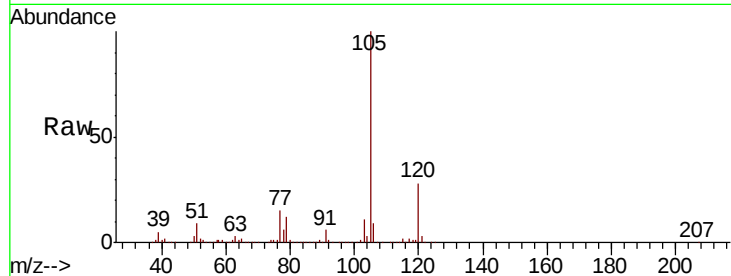
120 27.1 13.6 40.7

Manual Integrations

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#78

n-propylbenzene

Concen: 35.78 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051135.D

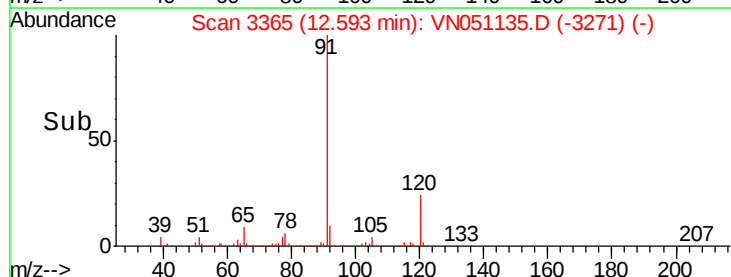
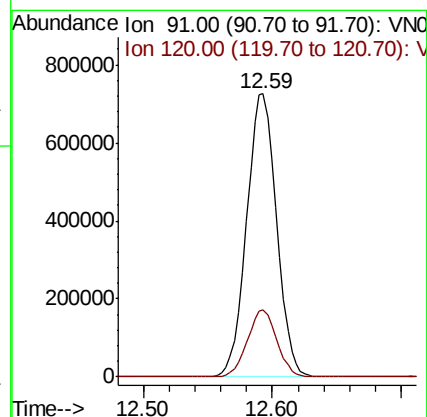
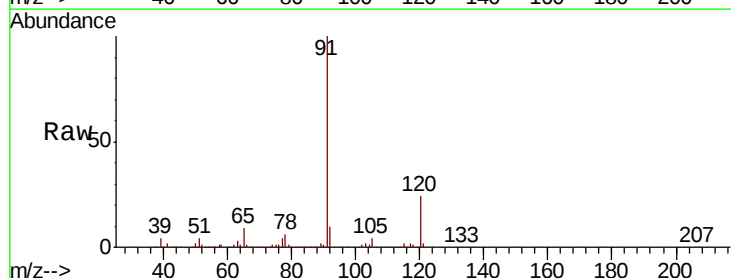
Acq: 11 Sep 2018 18:30

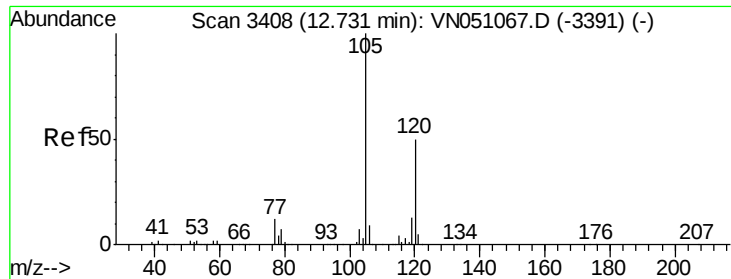
Tgt Ion: 91 Resp: 1167675

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0





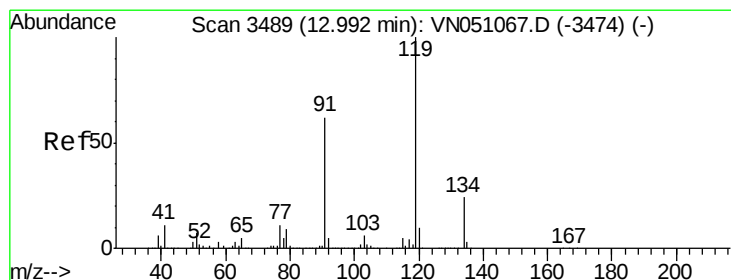
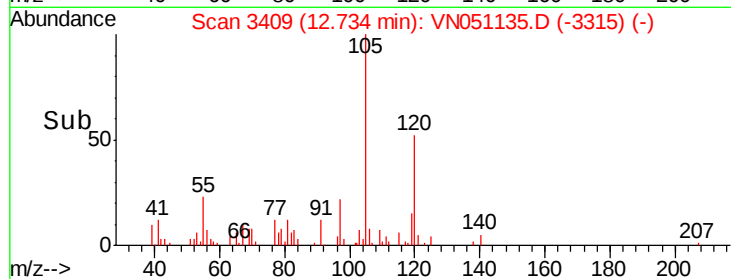
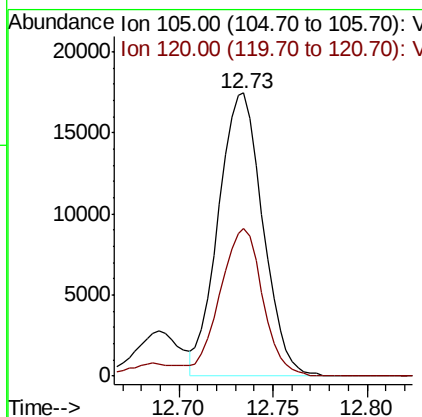
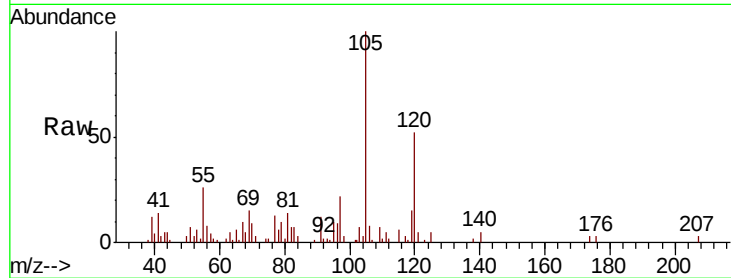
#80
 1,3,5-Trimethylbenzene
 Concen: 1.20 ug/l m
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.9	74.6#

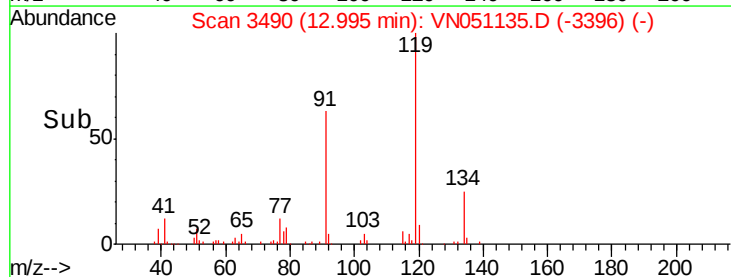
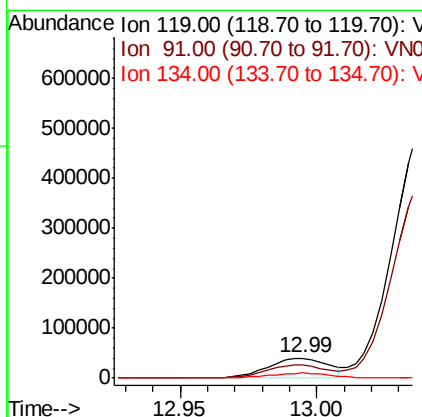
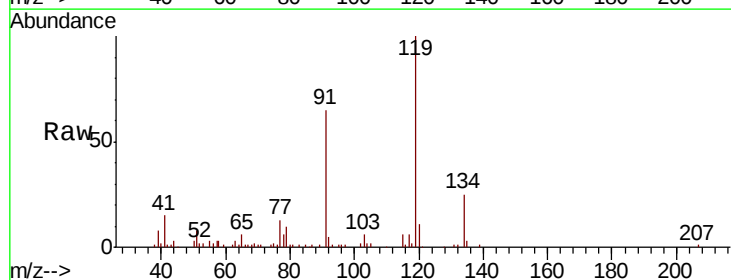
Manual Integrations
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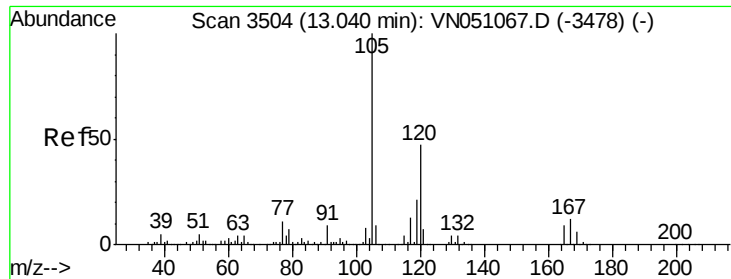
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 9/12/2018 10:07:38 AM



#83
 tert-Butylbenzene
 Concen: 2.90 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.6	30.8	92.3
134	27.1	13.2	39.6





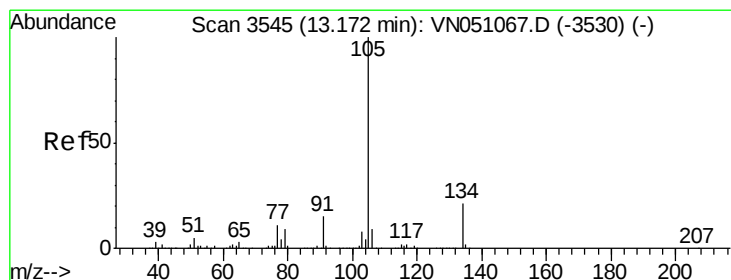
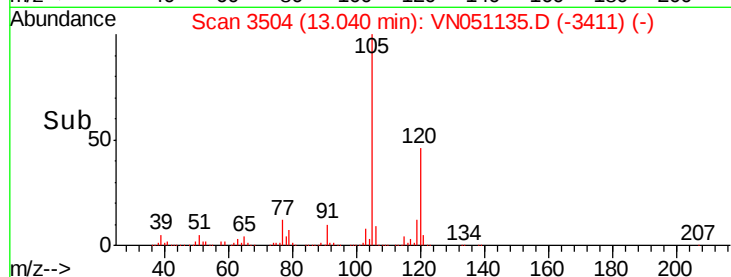
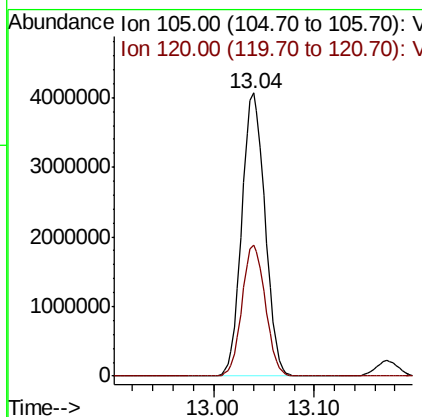
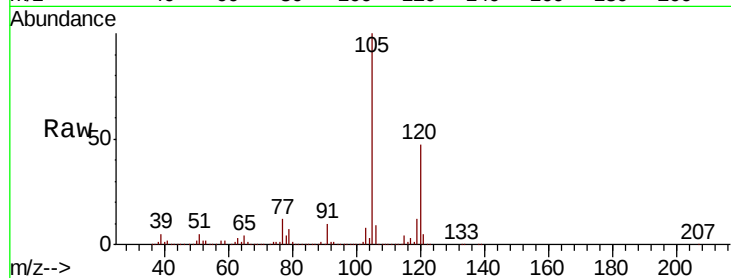
#84
 1,2,4-Trimethylbenzene
 Concen: 273.78 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Tot Ion:105 Resp: 6462306
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8

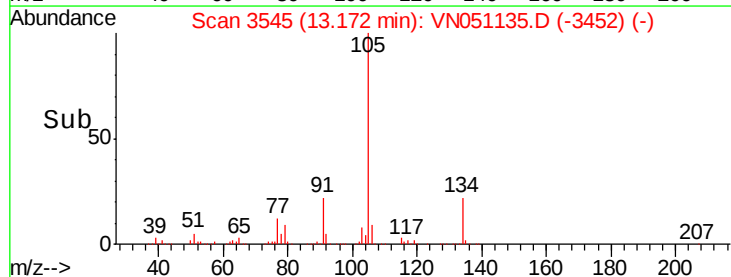
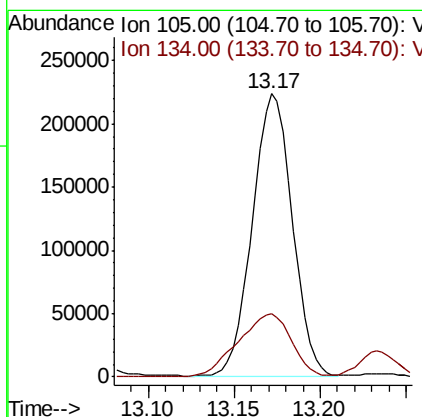
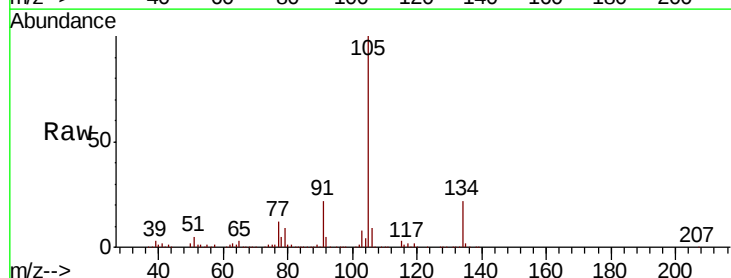
Manual Integrations
 APPROVED

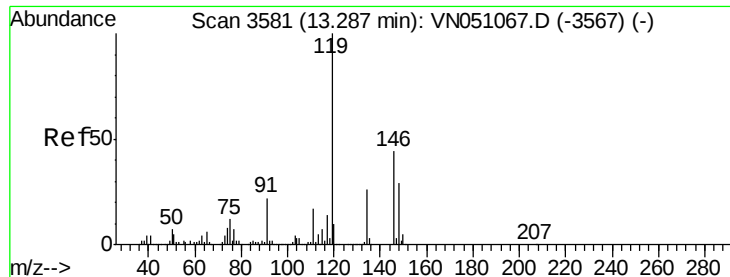
MMDadoda
 9/12/2018 10:07:38 AM



#85
 sec-Butylbenzene
 Concen: 13.19 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion:105 Resp: 358491
 Ion Ratio Lower Upper
 105 100
 134 29.9 10.4 31.4





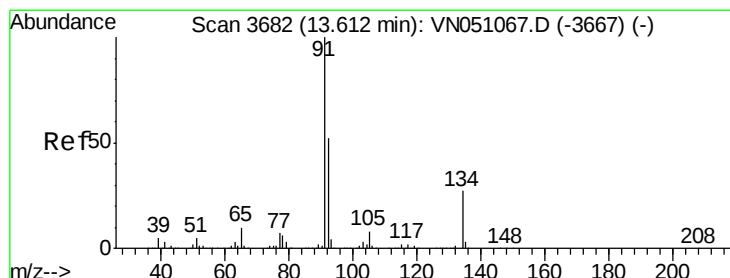
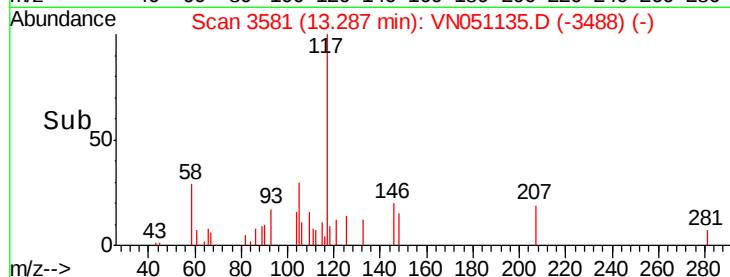
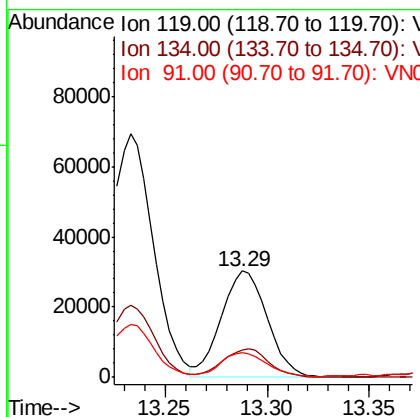
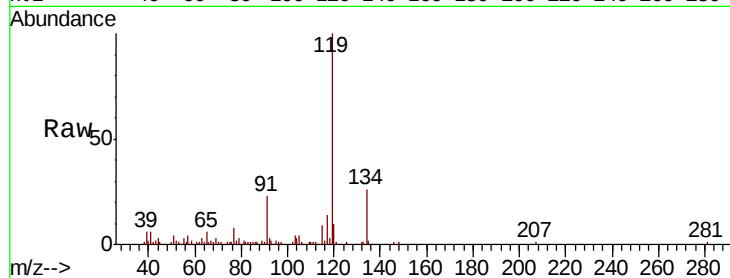
#86
 p-Isopropyltoluene
 Concen: 2.07 ug/l m
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	65.5	13.5	40.4#
91	44.0	10.9	32.9#

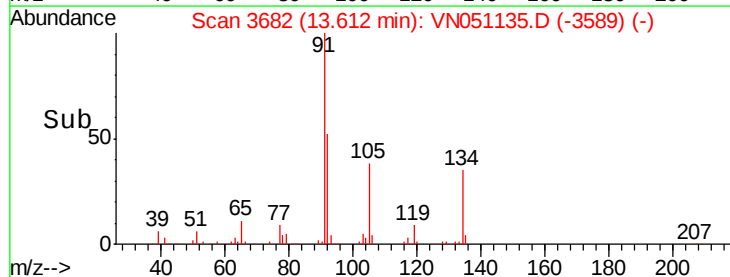
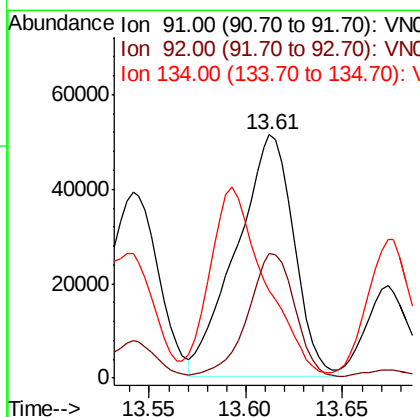
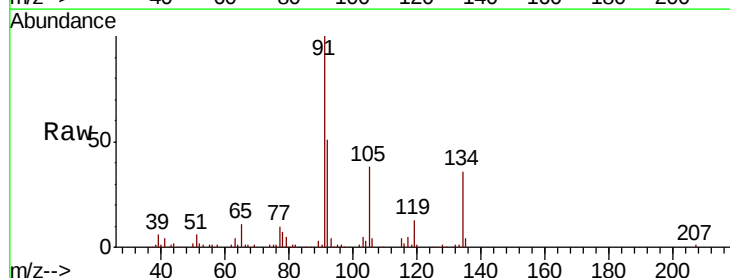
Manual Integrations
 APPROVED

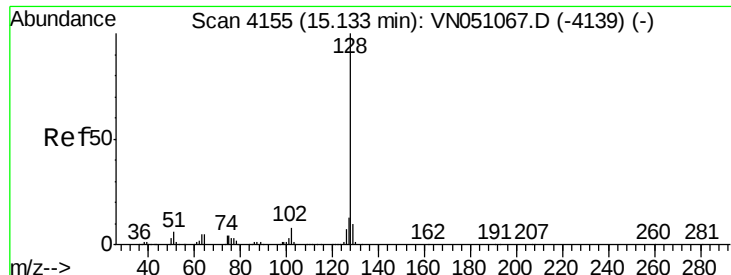
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 9/12/2018 10:07:38 AM



#89
 n-Butylbenzene
 Concen: 5.90 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.2	26.2	78.6
134	71.8	13.7	41.1#





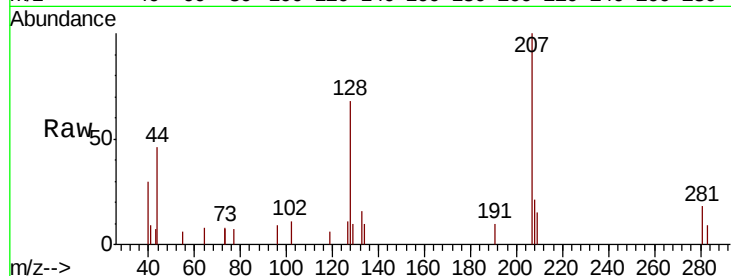
#95
Naphthalene
Concen: 5.57 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	8.4	10.6	15.8#
129	8.4	8.6	12.8#

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

