

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058661.D
 Acq On : 9 Oct 2019 23:12
 Operator : JC/SP
 Sample : K5184-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 3:19:58 PM

Quant Time: Oct 10 05:45:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	462509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	739351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	628161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	315206	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
35) Dibromofluoromethane	7.57	113	231196	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	10.08	98	905222	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	299712	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	31843	13.821	ug/l #	79
25) 2-Butanone	6.82	43	8517	2.692	ug/l	93
31) Cyclohexane	7.64	56	58062	6.207	ug/l #	86
39) Methylcyclohexane	9.07	83	39579	4.794	ug/l	95
40) Benzene	8.03	78	868946	42.760	ug/l	100
52) Toluene	10.15	92	29644	2.318	ug/l	96
65) Chlorobenzene	11.43	112	4692	0.376	ug/l	91
67) Ethyl Benzene	11.51	91	30156	1.333	ug/l	95
68) m/p-Xylenes	11.62	106	40469	4.756	ug/l	95
73) Isopropylbenzene	12.25	105	116588	6.052	ug/l	97
78) n-propylbenzene	12.59	91	112555	5.186	ug/l	100
85) sec-Butylbenzene	13.18	105	7826	0.437	ug/l #	58
89) n-Butylbenzene	13.62	91	7893m	0.553	ug/l	
95) Naphthalene	15.14	128	8690	0.653	ug/l #	96

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

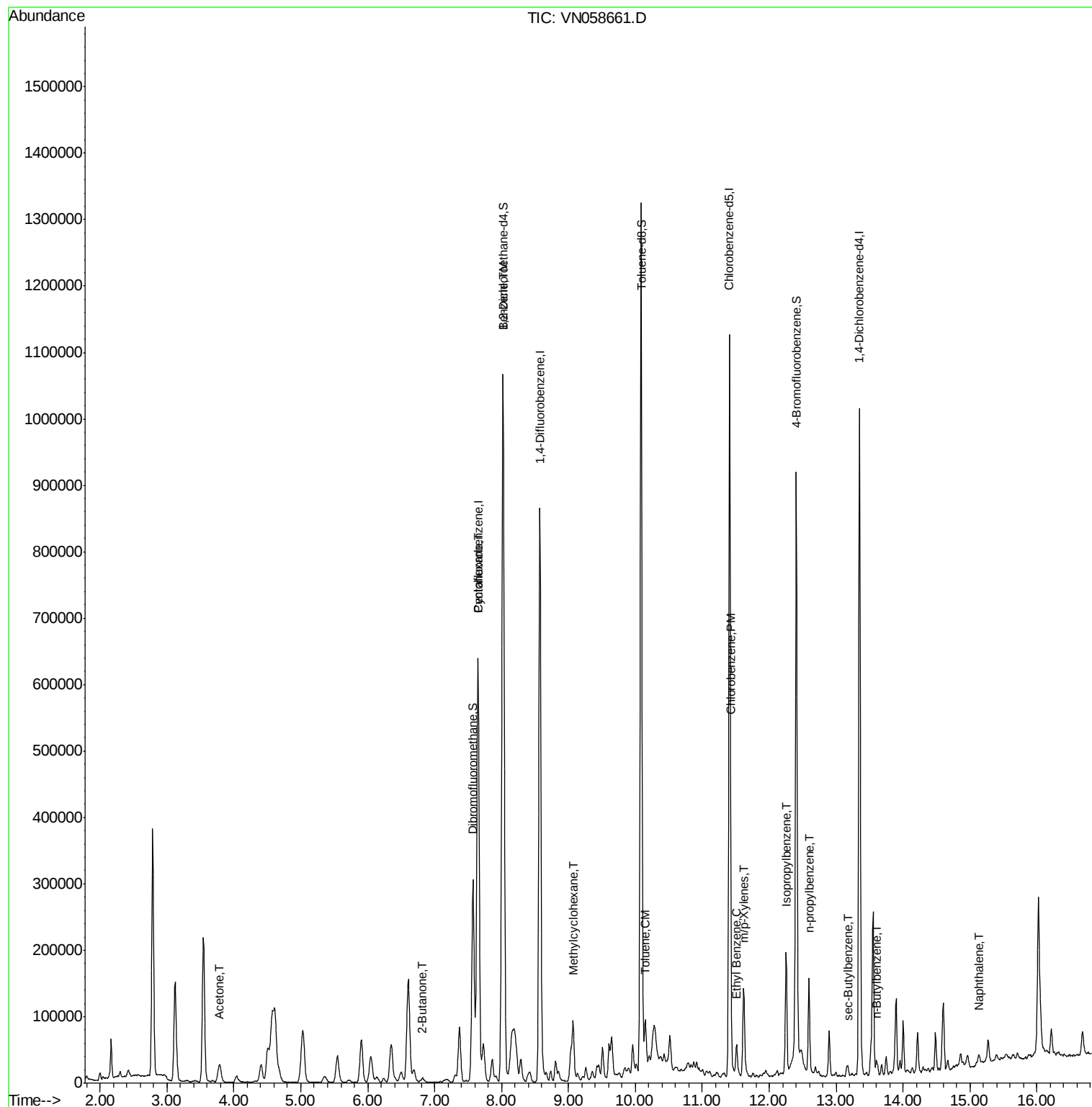
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101019\
Data File : VN058661.D
Acq On : 9 Oct 2019 23:12
Operator : JC/SP
Sample : K5184-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

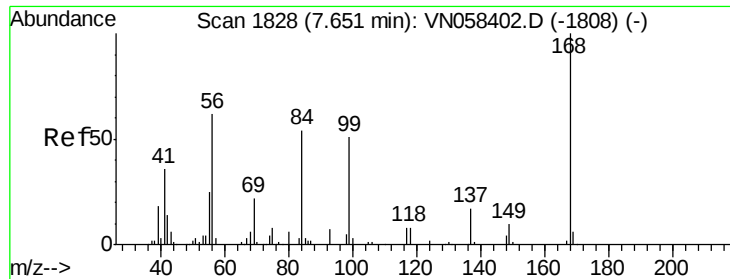
Instrument :
MSVOA_N
ClientSampleId :
MW-7

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Quant Time: Oct 10 05:45:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tot Ion:168 Resp: 462509

Ion Ratio Lower Upper

168 100

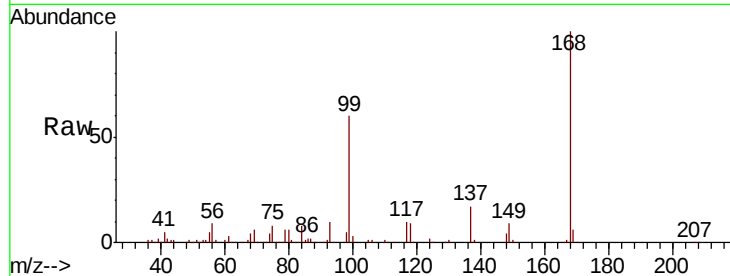
99 60.4 47.7 71.5

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

7.65

200000

150000

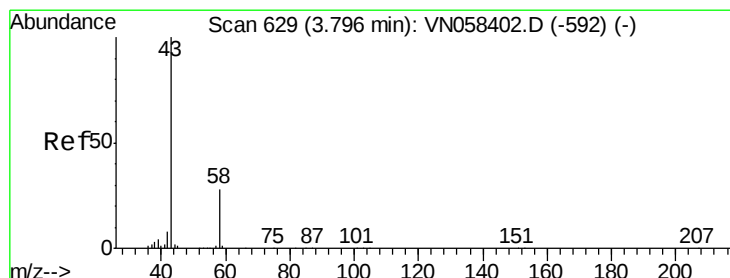
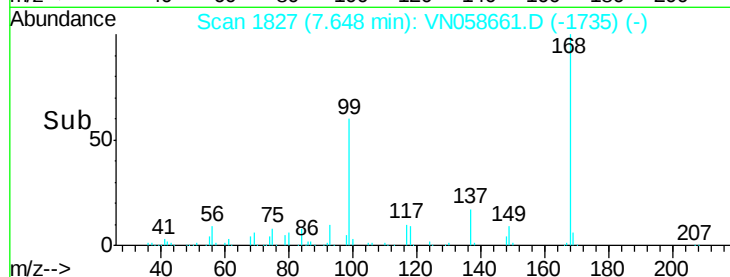
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 13.821 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058661.D

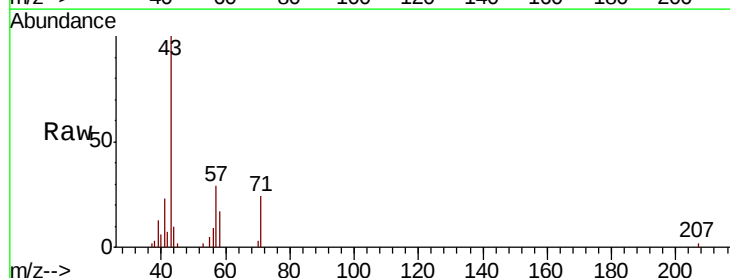
Acq: 9 Oct 2019 23:12

Tgt Ion: 43 Resp: 31843

Ion Ratio Lower Upper

43 100

58 16.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

10000

8000

6000

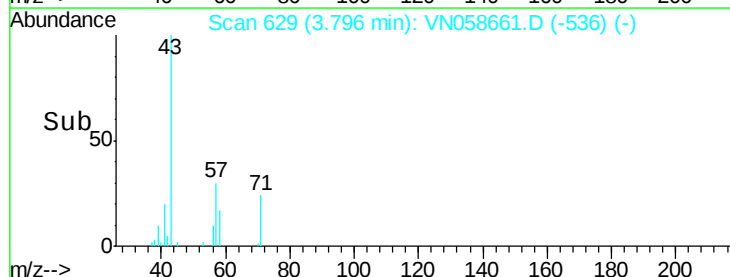
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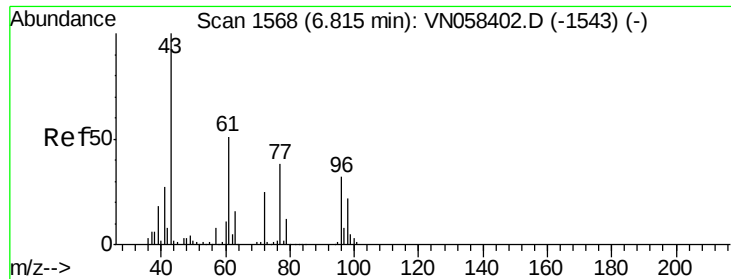
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0

3.70 3.80 3.90

Time-->





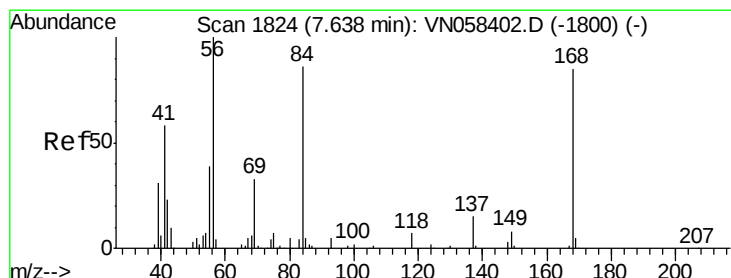
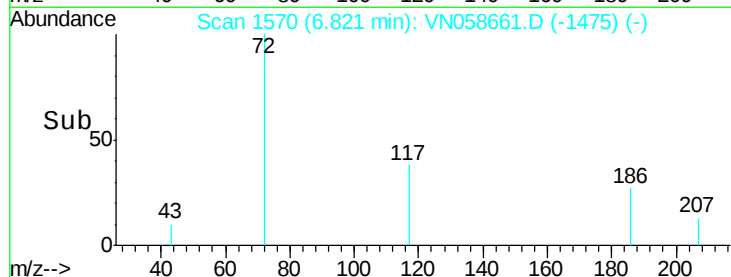
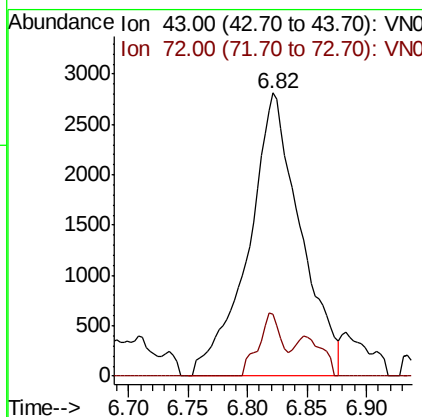
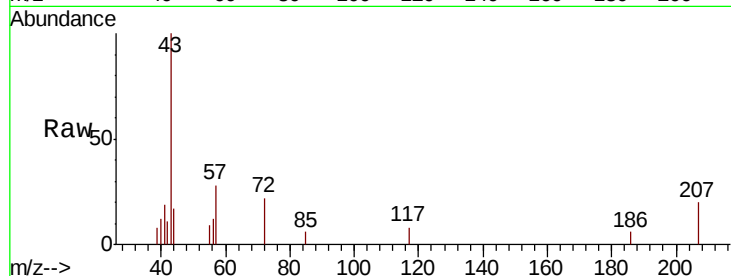
#25
2-Butanone
Concen: 2.692 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tot Ion: 43 Resp: 8517
Ion Ratio Lower Upper
43 100
72 21.8 20.2 30.4

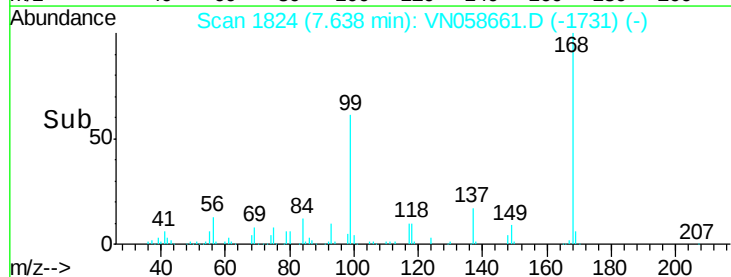
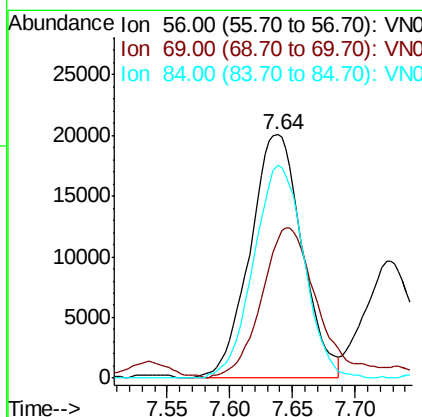
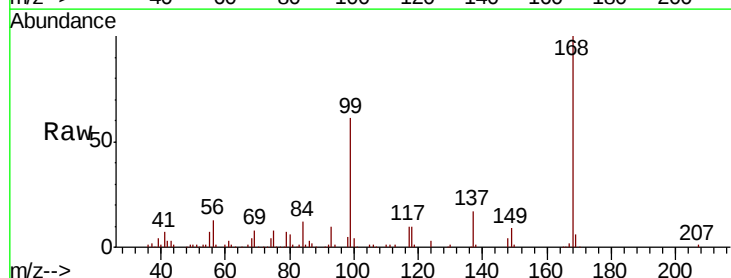
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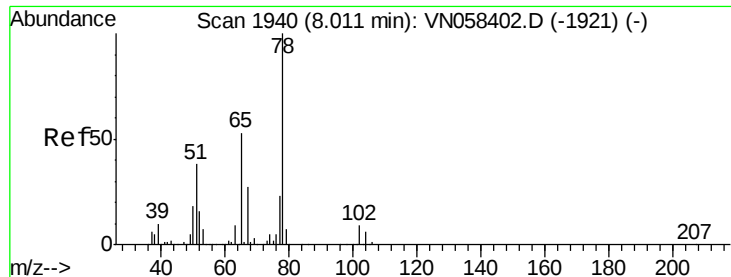
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#31
Cyclohexane
Concen: 6.207 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Tgt Ion: 56 Resp: 58062
Ion Ratio Lower Upper
56 100
69 55.8 26.2 39.4#
84 87.4 67.6 101.4





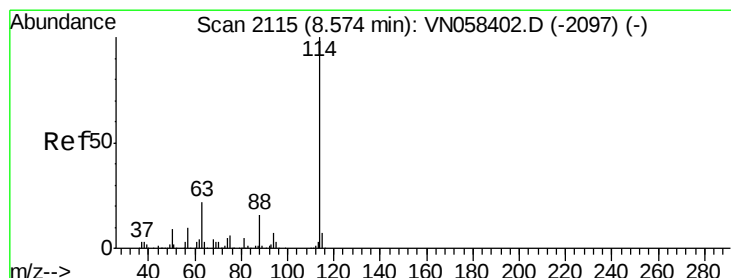
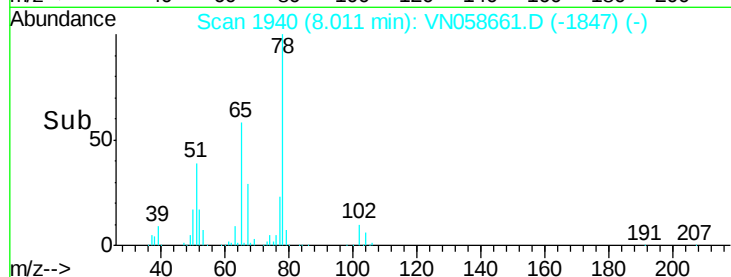
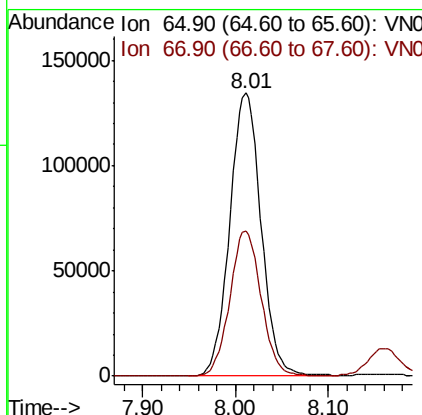
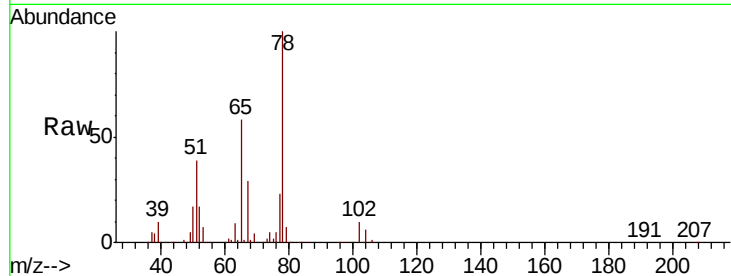
#33
 1,2-Dichloroethane-d4
 Concen: 46.636 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058661.D
 Acq: 9 Oct 2019 23:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	102.4	

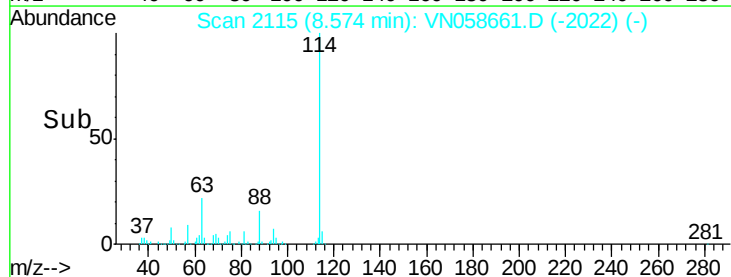
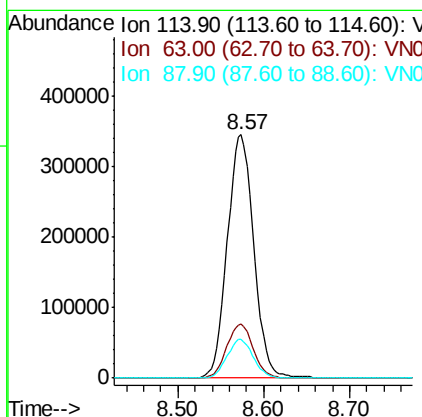
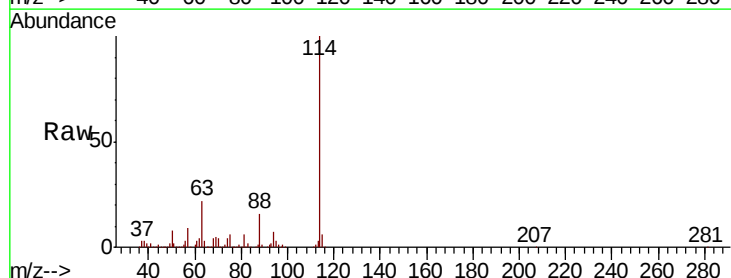
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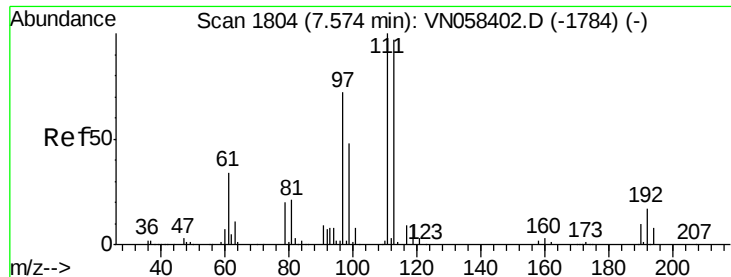
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058661.D
 Acq: 9 Oct 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	45.0	
88	15.8	0.0	32.2	





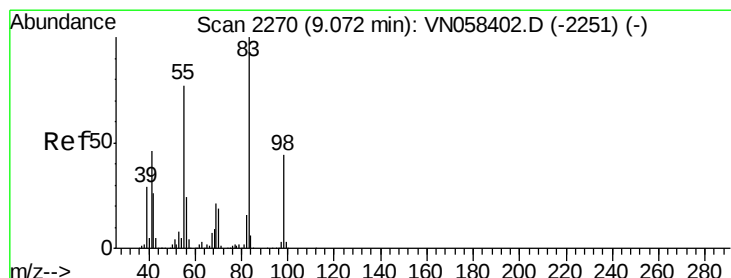
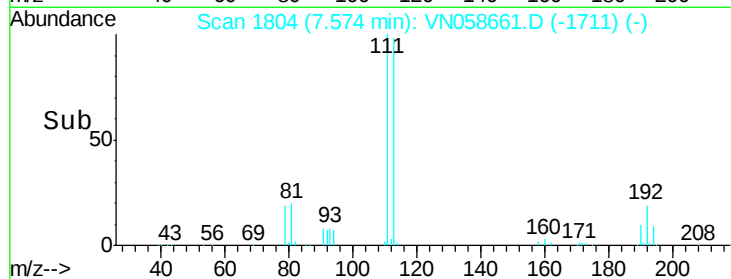
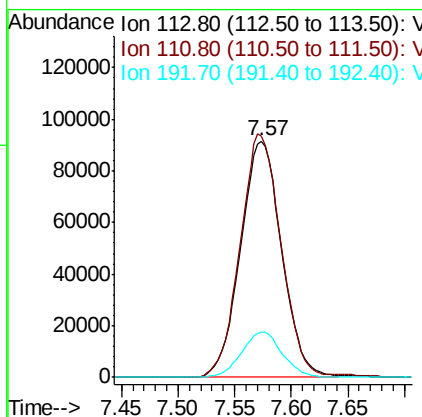
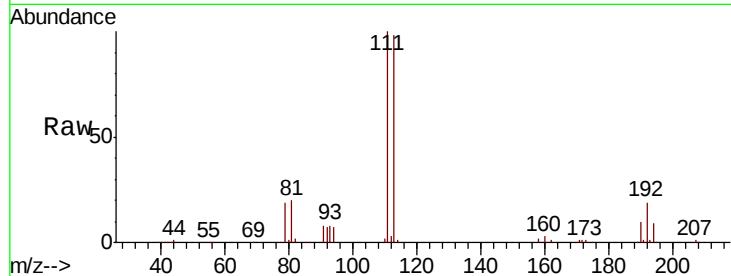
#35
Dibromofluoromethane
Concen: 51.021 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tot Ion	Ratio	Resp	Lower	Upper
113	100	231196		
111	103.3	83.4	125.2	
192	19.0	14.9	22.3	

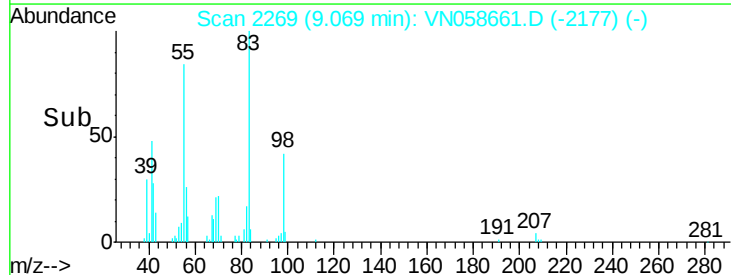
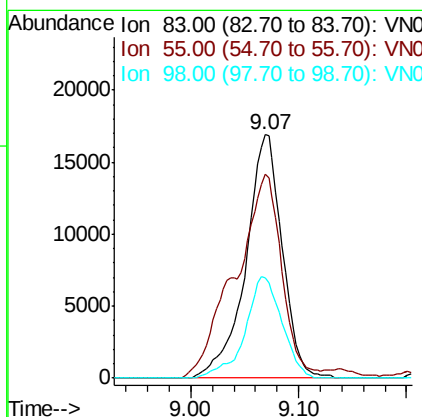
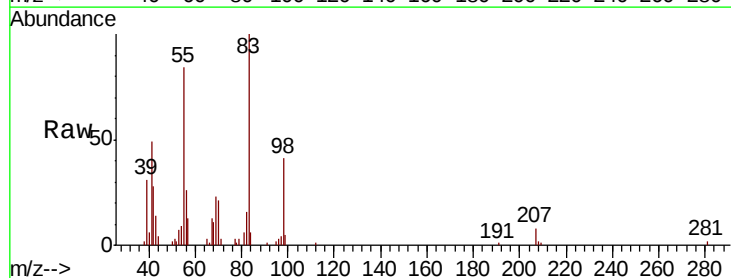
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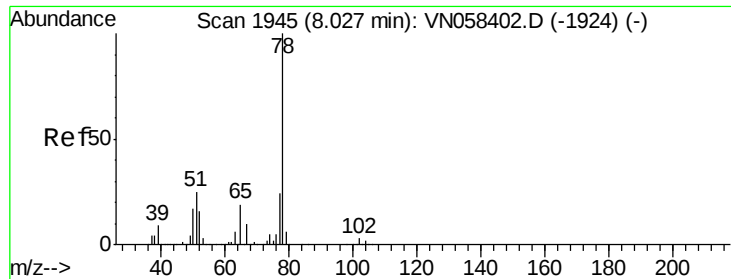
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#39
Methylcyclohexane
Concen: 4.794 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	39579		
55	81.5	61.8	92.6	
98	41.2	35.4	53.0	





#40

Benzene

Concen: 42.760 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7

Tot Ion: 78 Resp: 868946

Ion Ratio Lower Upper

78 100

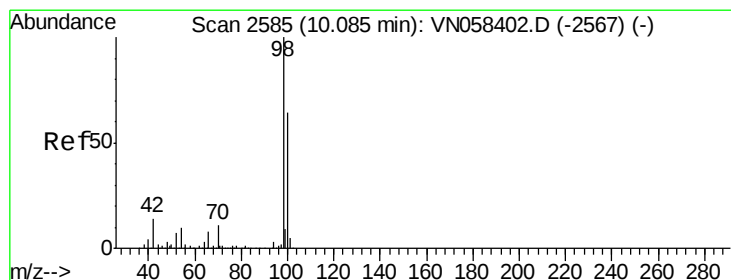
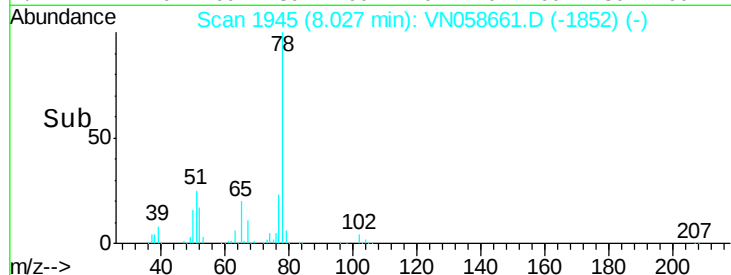
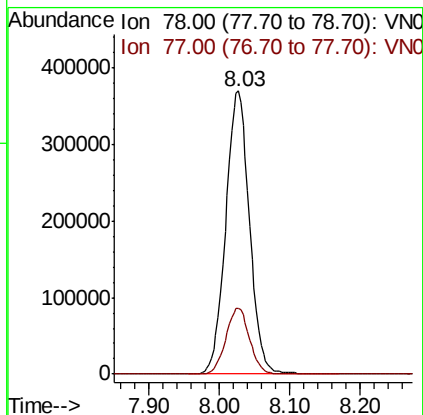
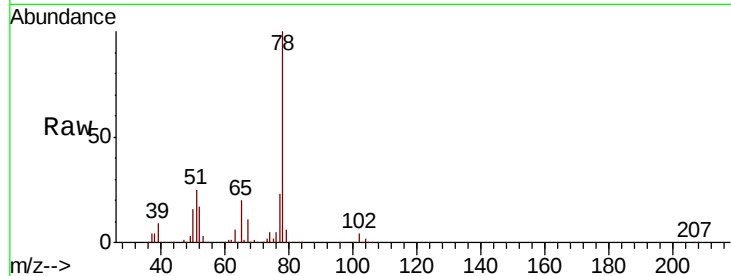
77 23.4 18.9 28.3

Manual Integrations

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#50

Toluene-d8

Concen: 50.994 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058661.D

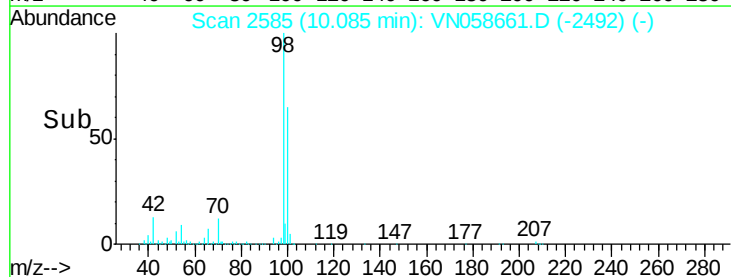
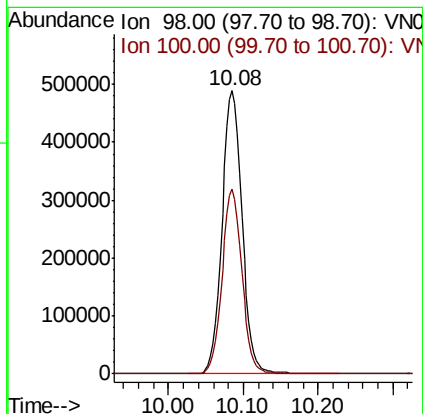
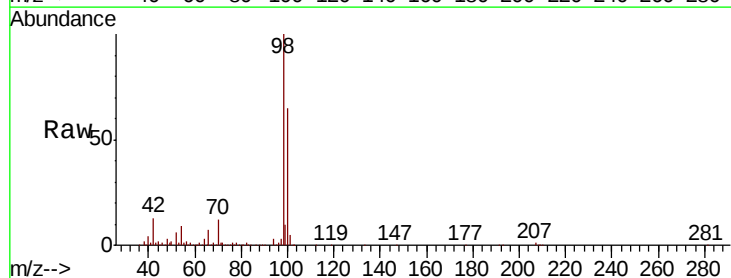
Acq: 9 Oct 2019 23:12

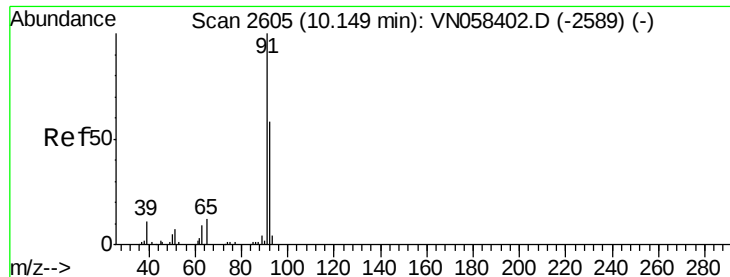
Tgt Ion: 98 Resp: 905222

Ion Ratio Lower Upper

98 100

100 64.4 51.0 76.6





#52

Toluene

Concen: 2.318 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tot Ion: 92 Resp: 29644

Ion Ratio Lower Upper

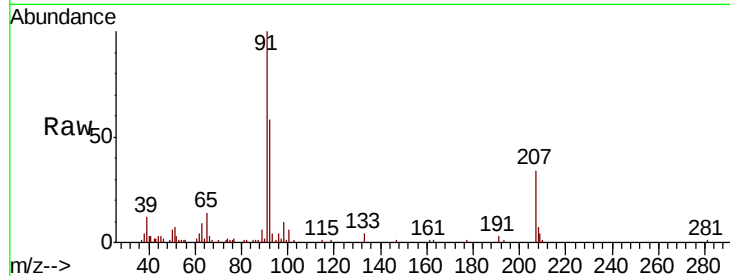
92 100

91 170.1 140.2 210.4

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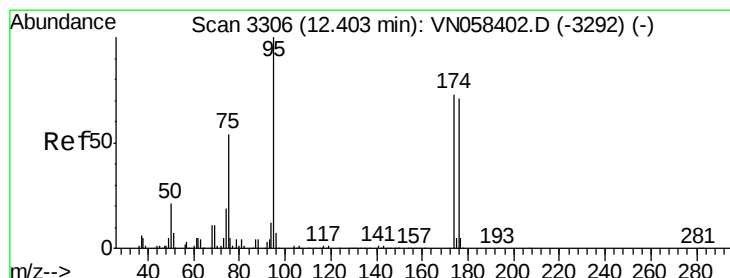
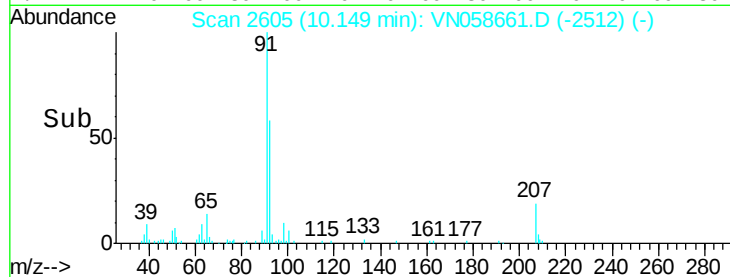
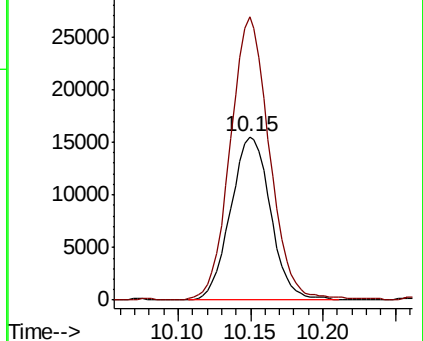
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.694 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

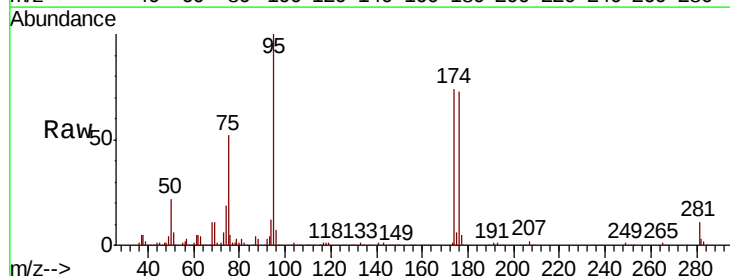
Tgt Ion: 95 Resp: 299712

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.6

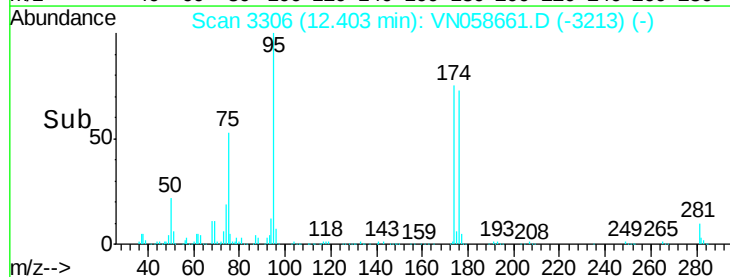
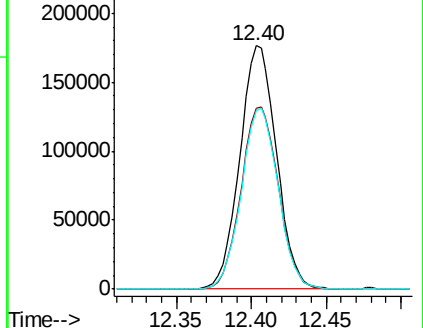
176 75.2 0.0 146.2

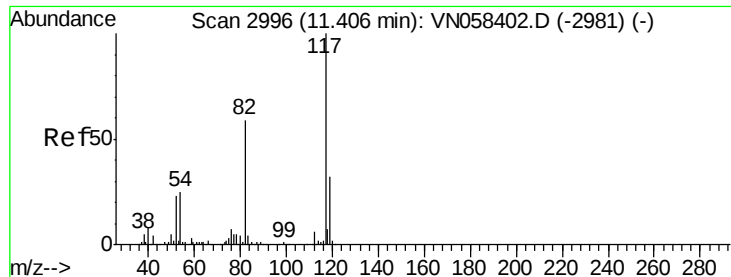


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





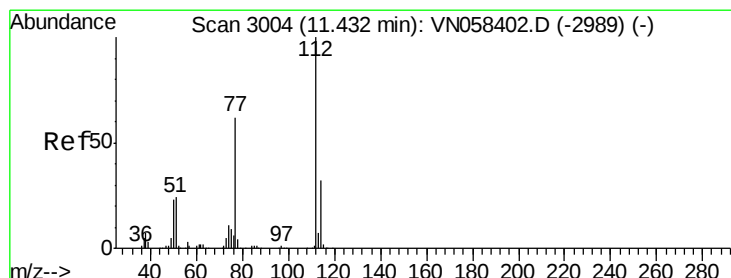
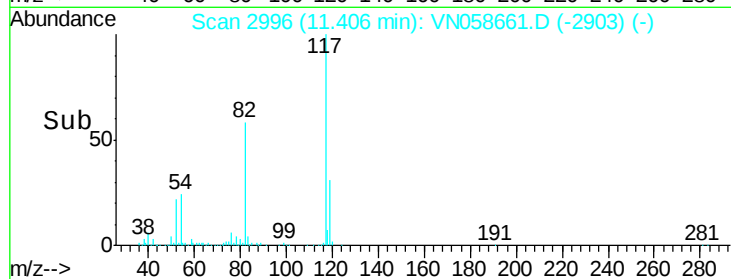
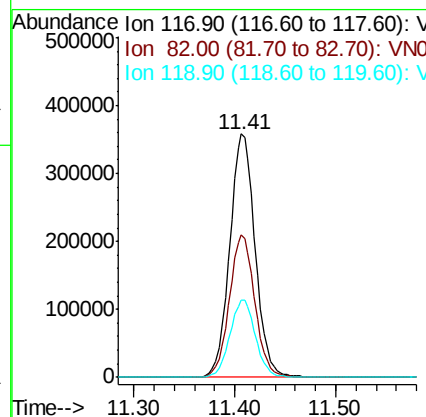
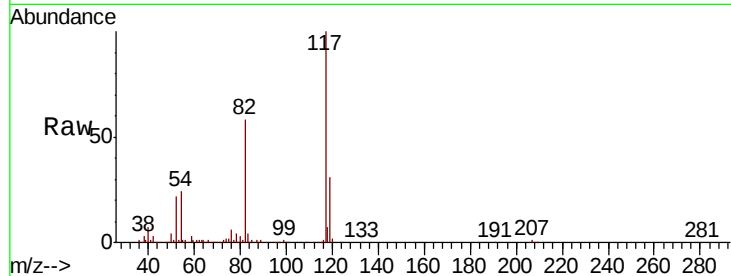
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.0
119	31.5	25.5	38.3

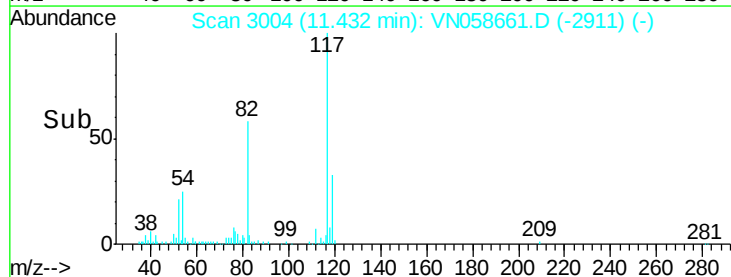
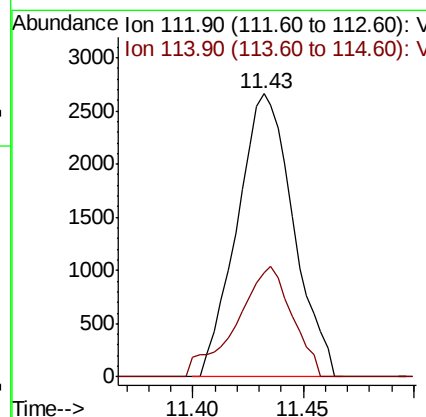
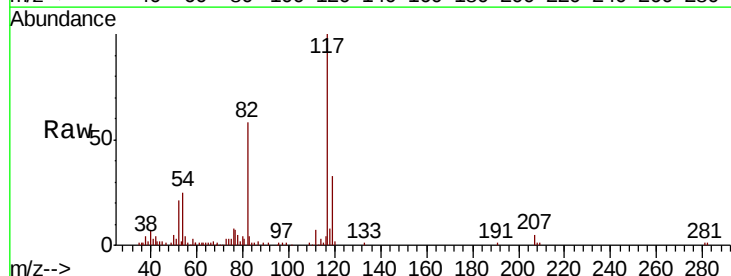
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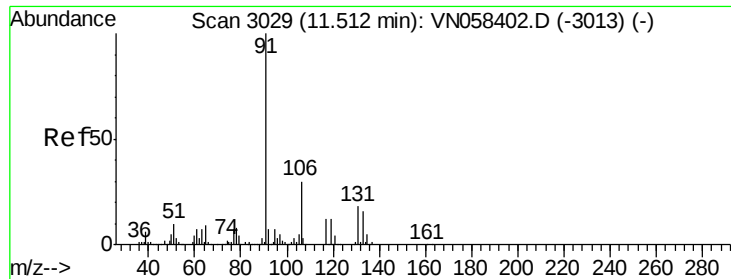
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#65
Chlorobenzene
Concen: 0.376 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Tgt Ion	Ratio	Lower	Upper
112	100		
114	37.0	25.4	38.2





#67

Ethyl Benzene

Concen: 1.333 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Instrument :

MSVOA_N

ClientSampled :

MW-7

Tot Ion: 91 Resp: 30156

Ion Ratio Lower Upper

91 100

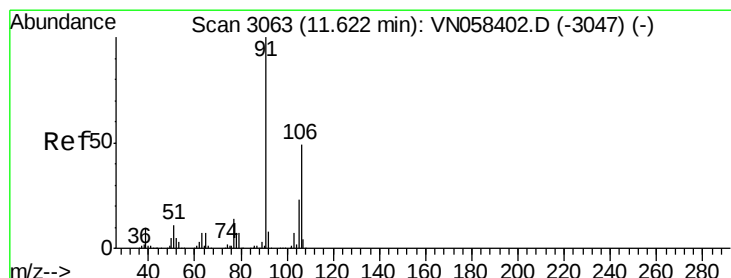
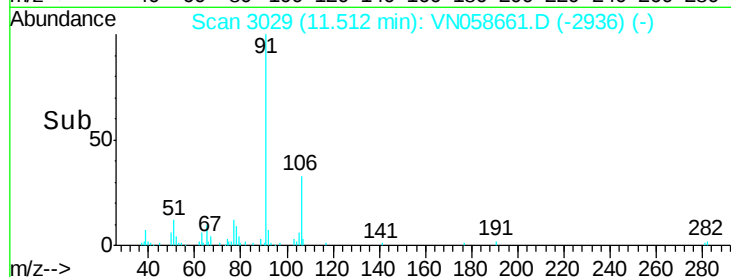
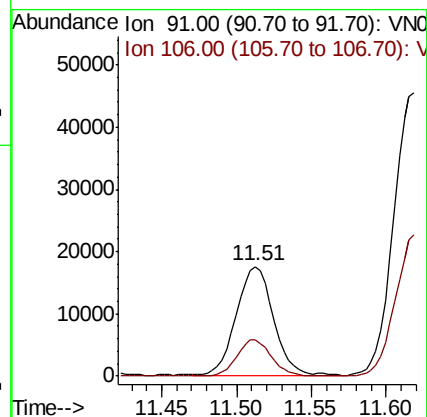
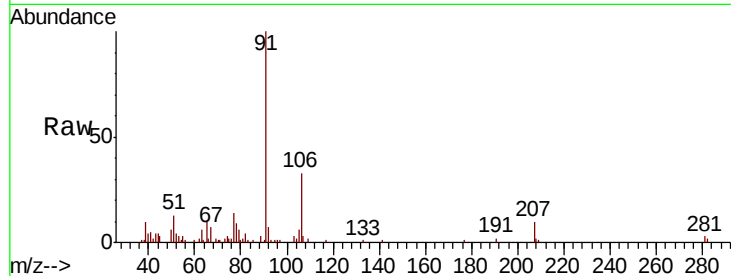
106 33.2 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 4.756 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN058661.D

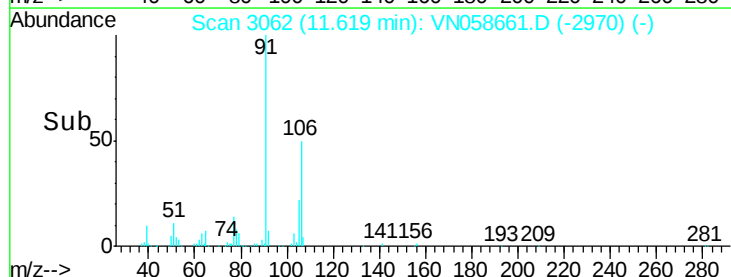
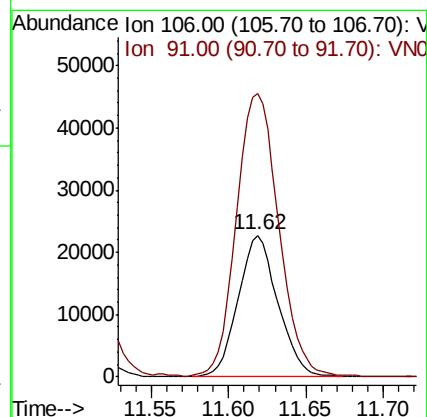
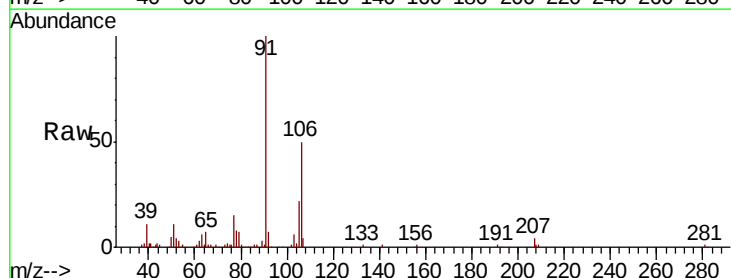
Acq: 9 Oct 2019 23:12

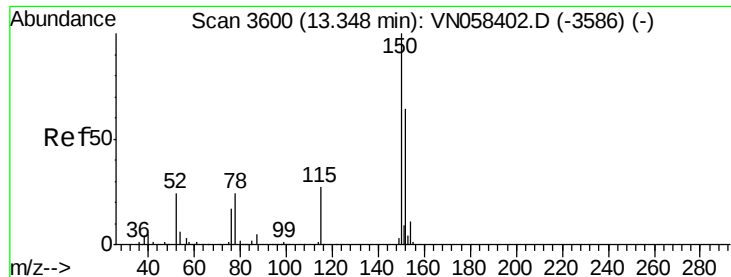
Tgt Ion: 106 Resp: 40469

Ion Ratio Lower Upper

106 100

91 214.3 165.0 247.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Instrument :

MSVOA_N

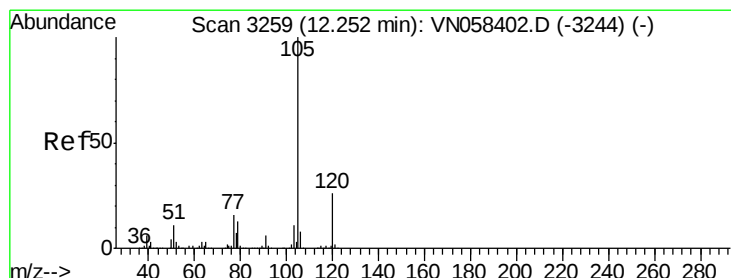
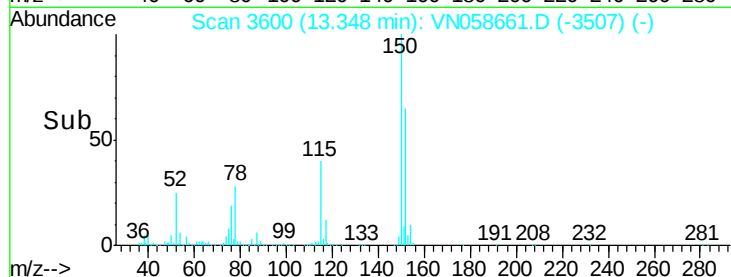
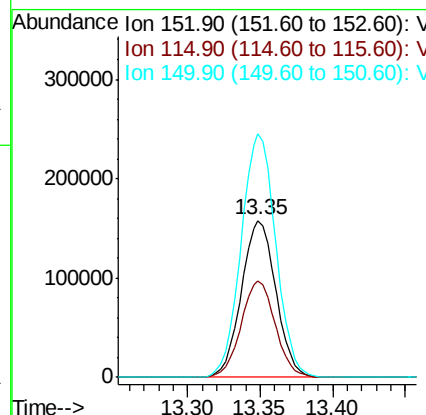
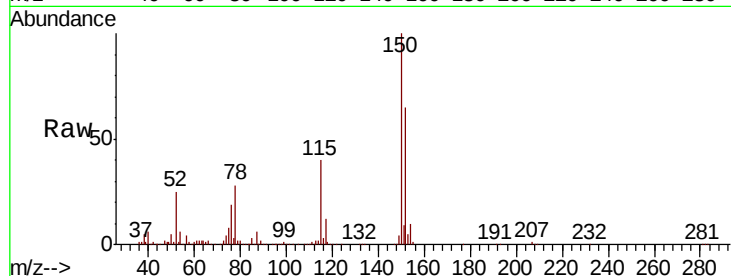
ClientSampleId :

MW-7

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.0	90.0
150	155.7	0.0	348.2

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#73

Isopropylbenzene

Concen: 6.052 ug/l

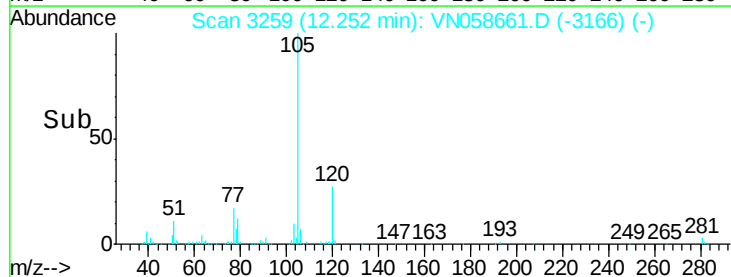
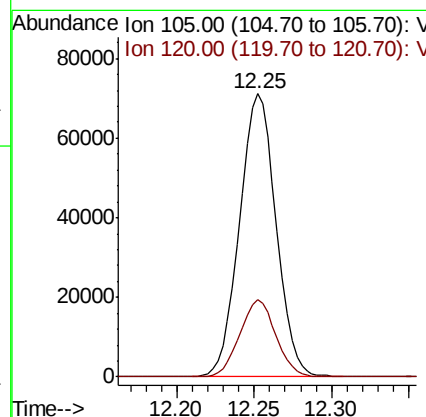
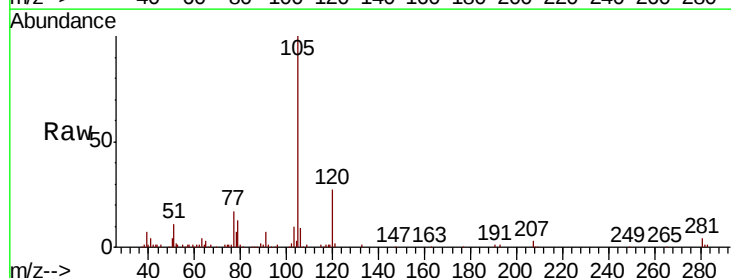
RT: 12.25 min Scan# 3259

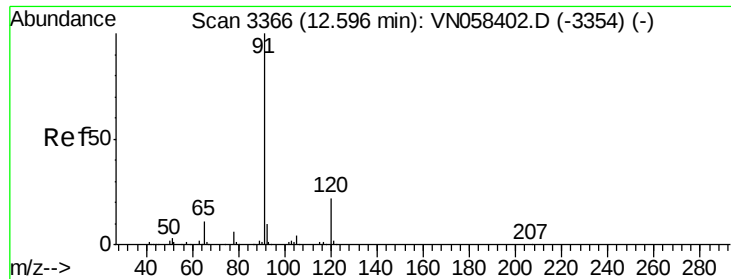
Delta R.T. 0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.8	38.4





#78

n-propylbenzene

Concen: 5.186 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058661.D

Acq: 9 Oct 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

MW-7

Tot Ion: 91 Resp: 112555

Ion Ratio Lower Upper

91 100

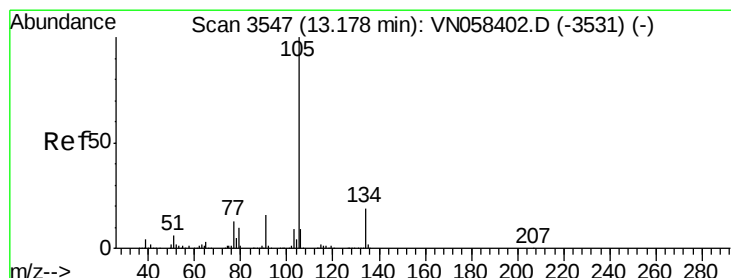
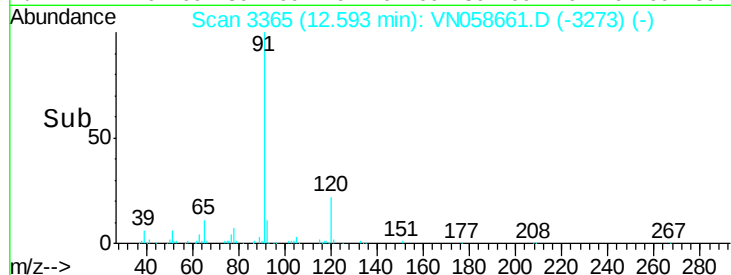
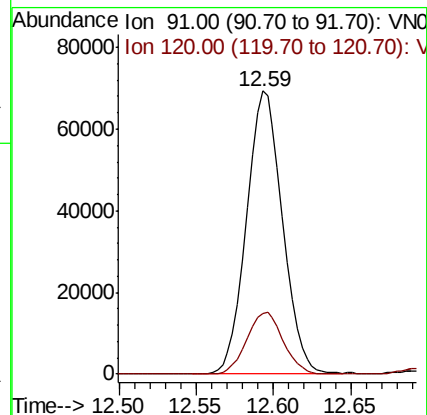
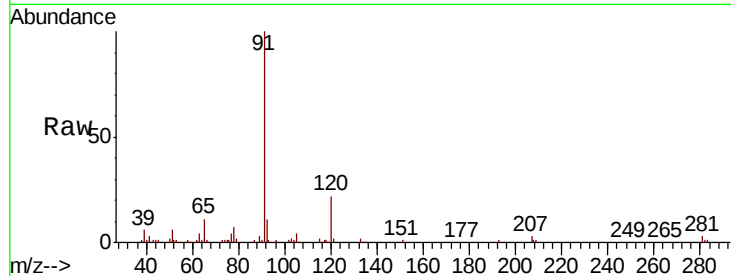
120 22.1 10.9 32.9

Manual Integrations

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#85

sec-Butylbenzene

Concen: 0.437 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058661.D

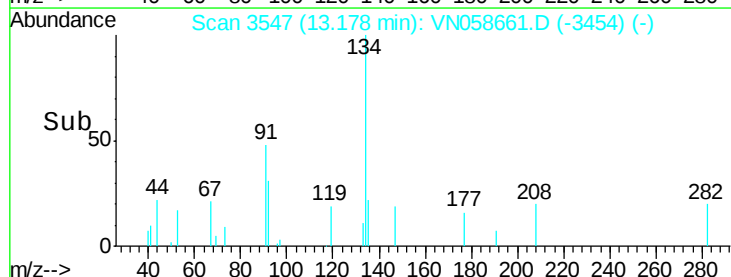
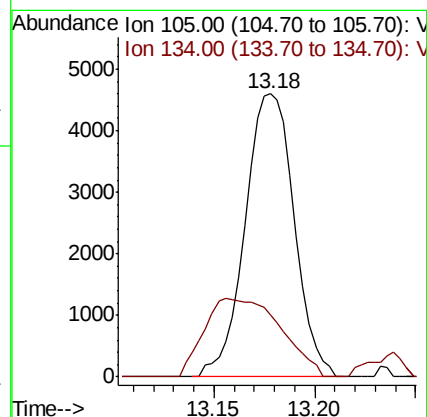
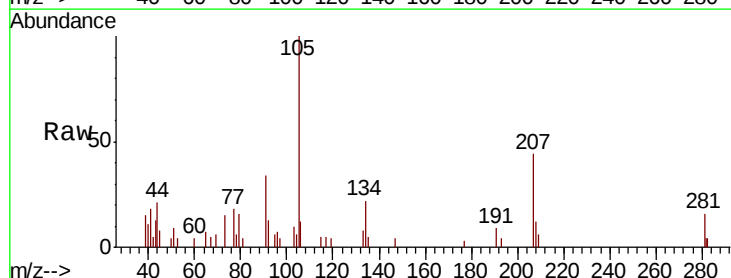
Acq: 9 Oct 2019 23:12

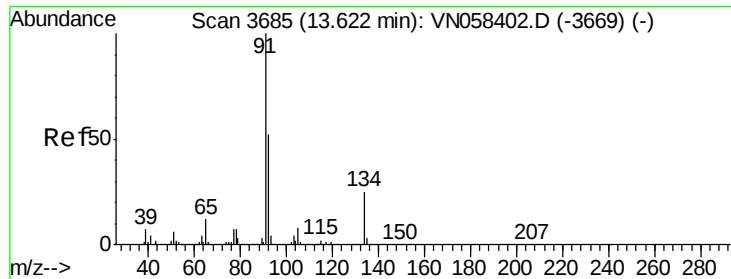
Tgt Ion: 105 Resp: 7826

Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.2#





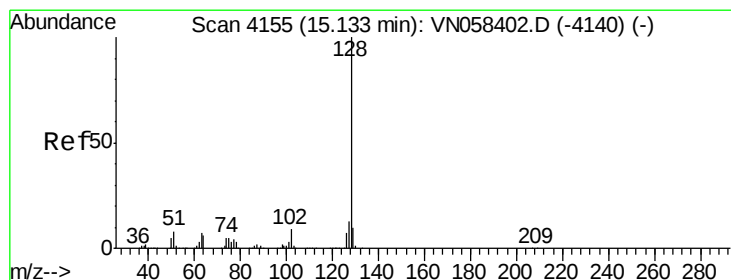
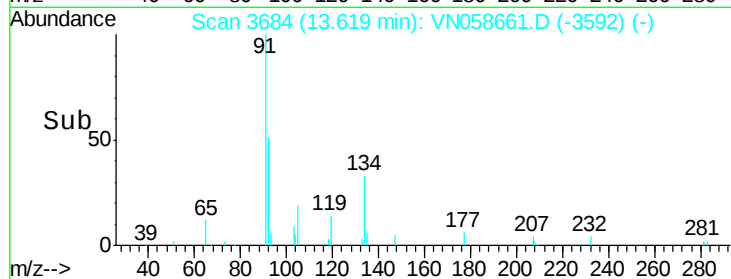
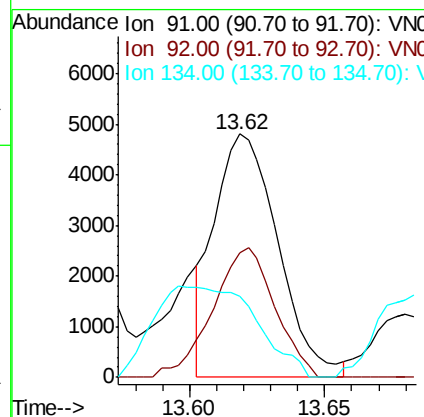
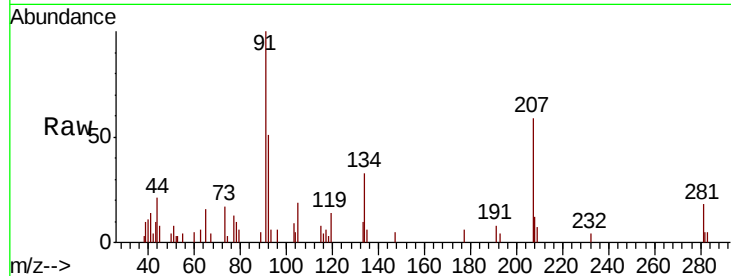
#89
n-Butylbenzene
Concen: 0.553 ug/l m
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.7	77.1
134	0.0	12.2	36.6#

Manual Integrations
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#95
Naphthalene
Concen: 0.653 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058661.D
Acq: 9 Oct 2019 23:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.4
129	12.5	8.3	12.5#

