

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064732.D
 Acq On : 19 Nov 2020 14:49
 Operator : JC/MD
 Sample : L4783-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:22 PM

Quant Time: Nov 20 04:47:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211107	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
35) Dibromofluoromethane	7.55	113	136690	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
50) Toluene-d8	10.06	98	563332	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.38	95	229019	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
Target Compounds						
11) Tert butyl alcohol	4.74	59	589890	1606.625	ug/l	98
16) Acetone	3.78	43	5607m	11.064	ug/l	
19) Methyl tert-butyl Ether	5.00	73	6841267	883.972	ug/l	100
52) Toluene	10.12	92	5572	0.707	ug/l	98
67) Ethyl Benzene	11.48	91	5775	0.333	ug/l #	82
78) n-propylbenzene	12.57	91	5020	0.307	ug/l	96
95) Naphthalene	15.10	128	6852	0.616	ug/l	98

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

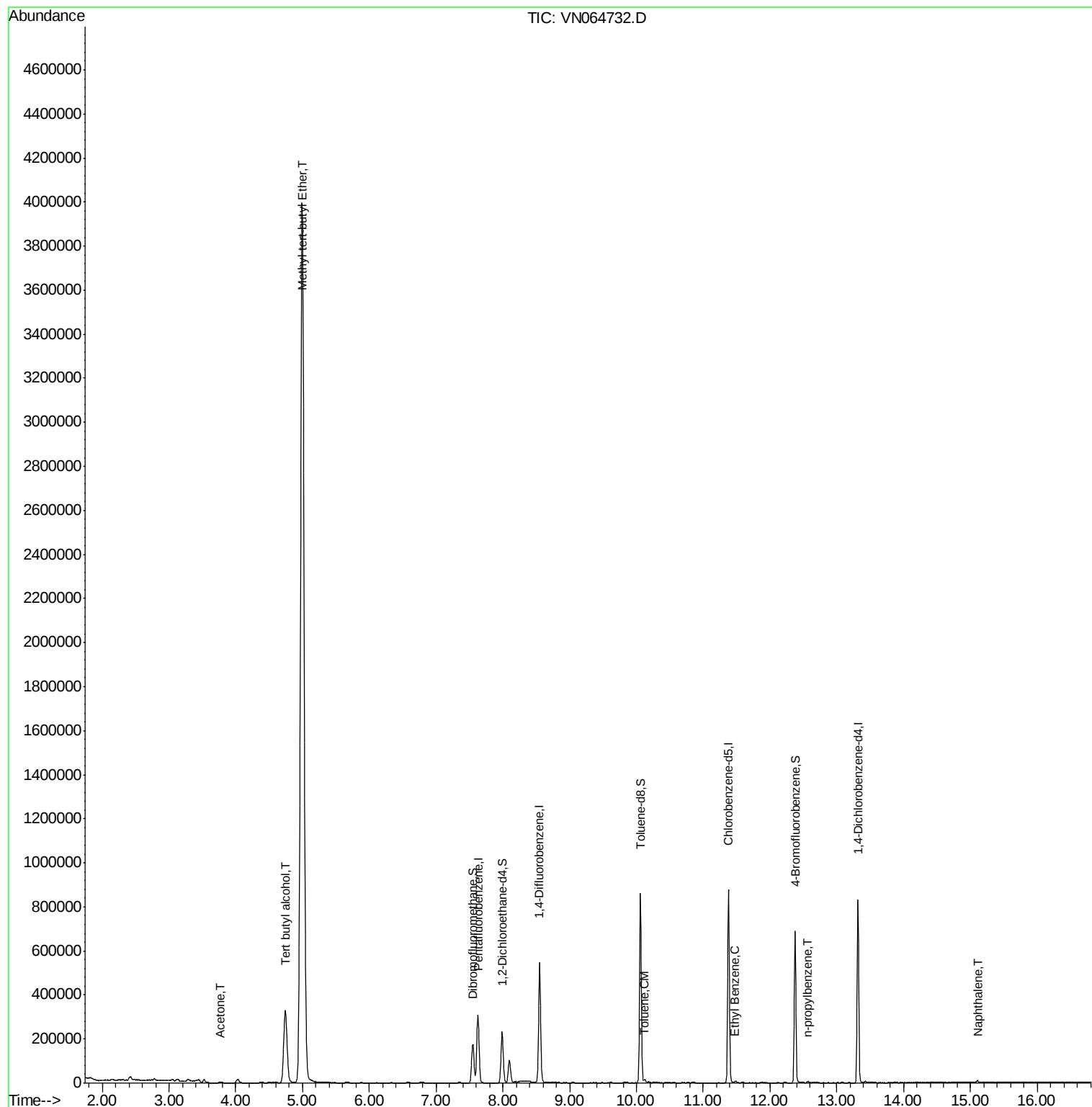
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064732.D
Acq On : 19 Nov 2020 14:49
Operator : JC/MD
Sample : L4783-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

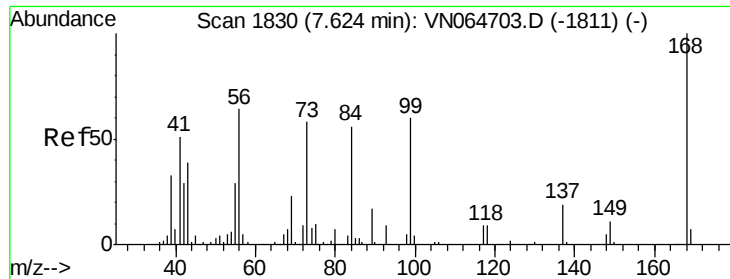
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

Manual Integrations
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11/24/2020 3:11:22 PM

Quant Time: Nov 20 04:47:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-1D

Tot Ion:168 Resp: 215133

Ion Ratio Lower Upper

168 100

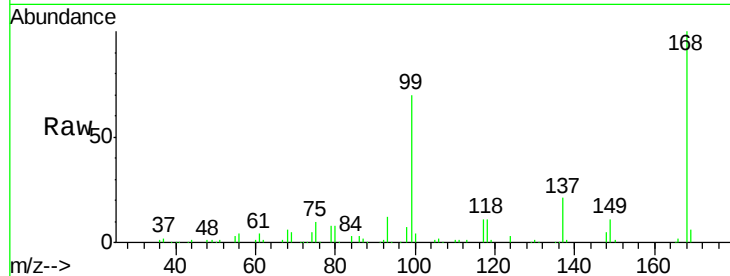
99 69.5 55.7 83.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

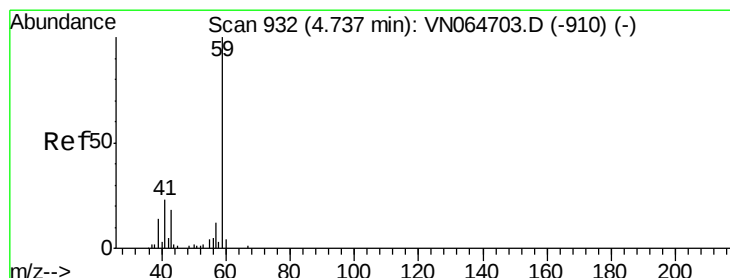
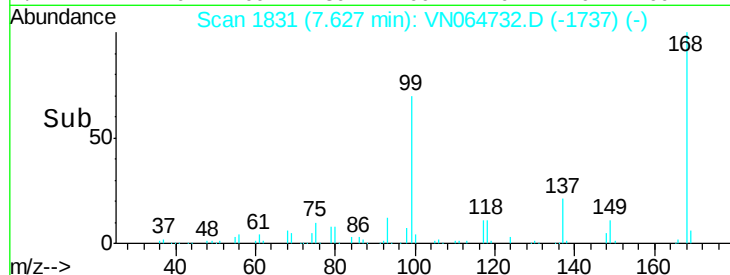
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1606.625 ug/l

RT: 4.74 min Scan# 933

Delta R.T. 0.00 min

Lab File: VN064732.D

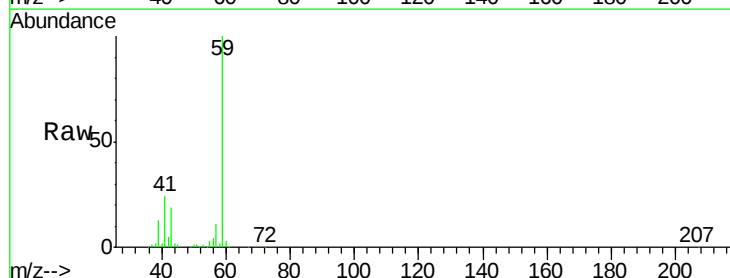
Acq: 19 Nov 2020 14:49

Tgt Ion: 59 Resp: 589890

Ion Ratio Lower Upper

59 100

57 10.8 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.74

200000

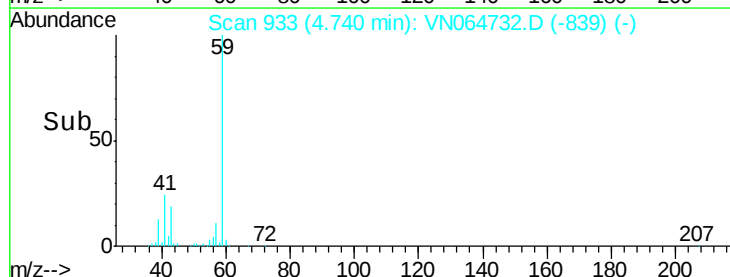
150000

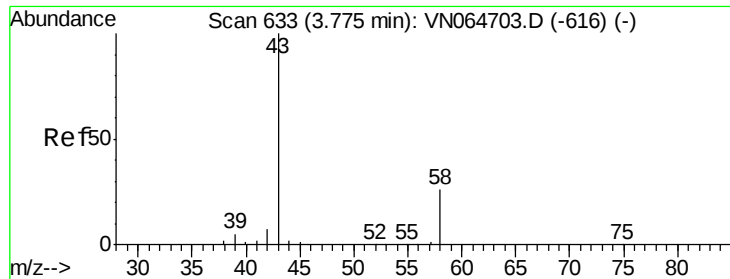
100000

50000

0

Time-->





#16

Acetone

Concen: 11.064 ug/l m

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-1D

Tot Ion: 43 Resp: 5607

Ion Ratio Lower Upper

43 100

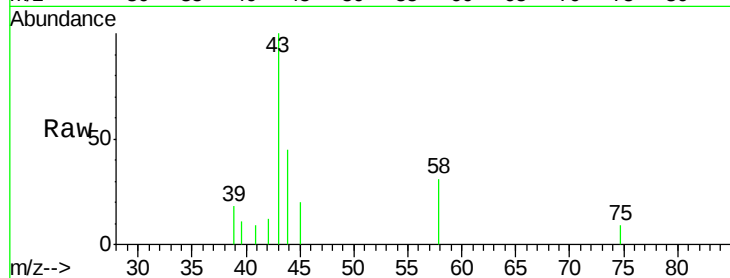
58 31.1 21.2 31.8

Manual Integrations

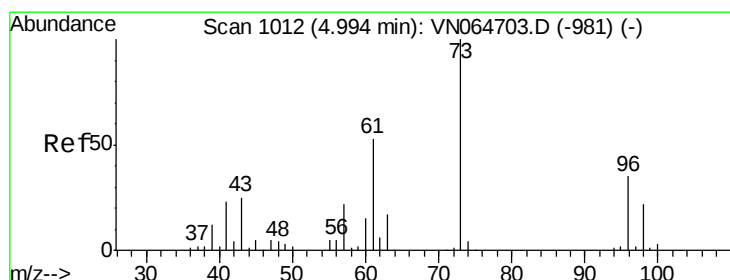
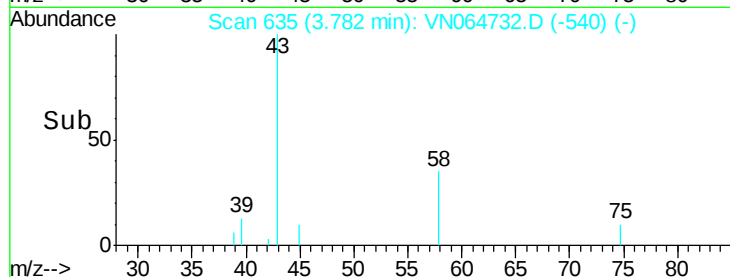
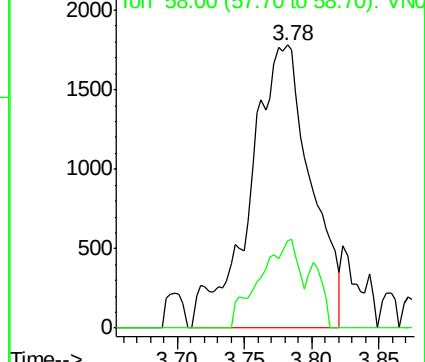
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Abundance Ion 43.00 (42.70 to 43.70): VN064732.D (-540) (-)



#19

Methyl tert-butyl Ether

Concen: 883.972 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN064732.D

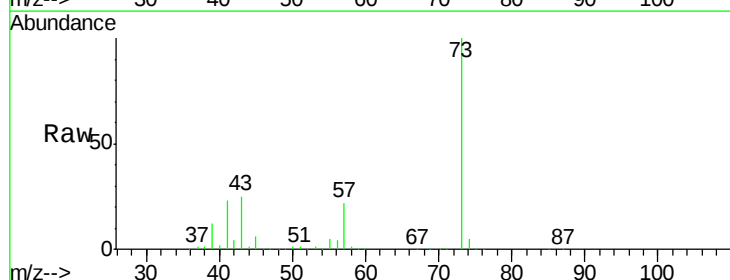
Acq: 19 Nov 2020 14:49

Tgt Ion: 73 Resp: 6841267

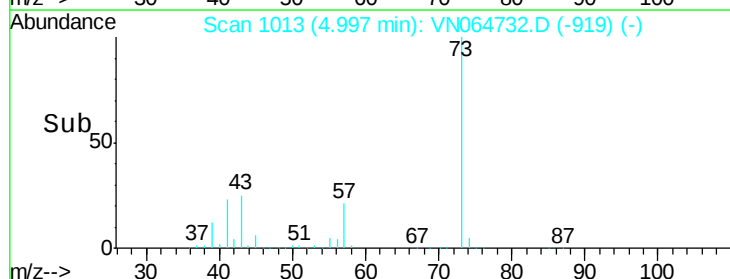
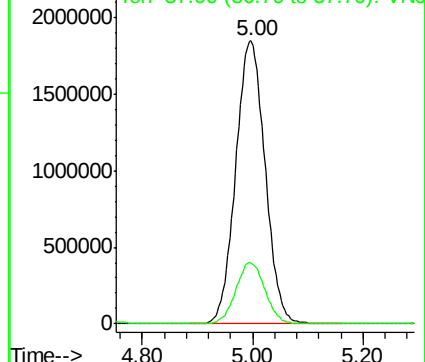
Ion Ratio Lower Upper

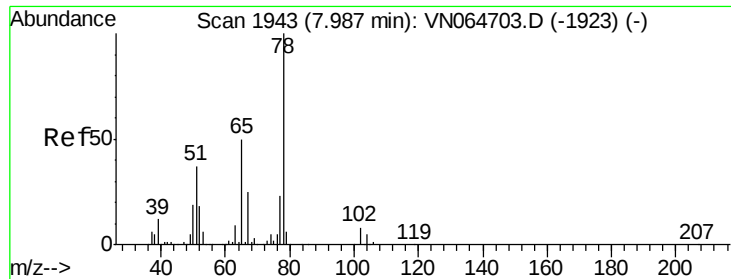
73 100

57 21.5 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VN064732.D (-919) (-)





#33

1,2-Dichloroethane-d4

Concen: 55.781 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

MW-1D

Tot Ion: 65 Resp: 211107

Ion Ratio Lower Upper

65 100

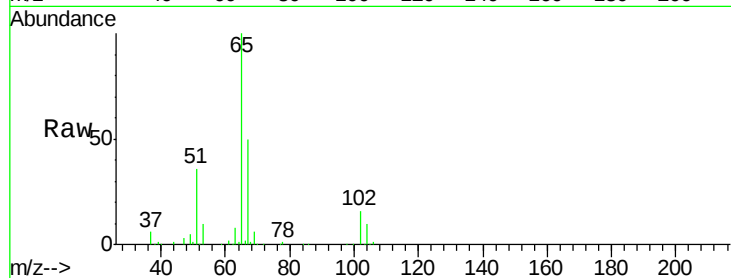
67 48.2 0.0 99.8

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Abundance Ion 64.90 (64.60 to 65.60): VN064732.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064732.D (-1850) (-)

7.99

100000

80000

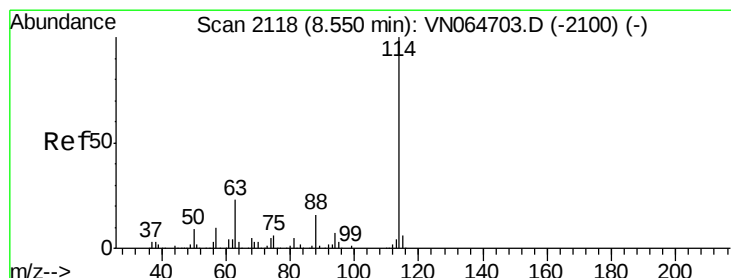
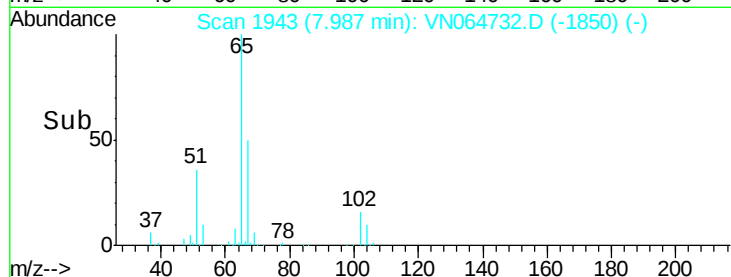
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

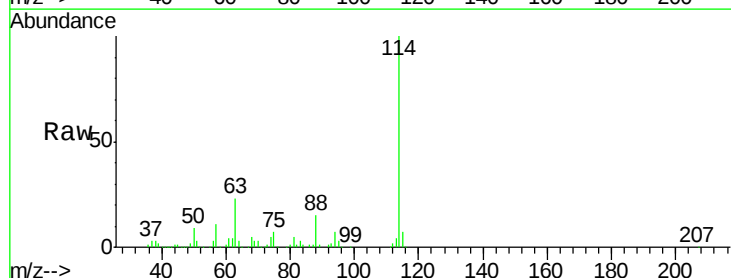
Tgt Ion: 114 Resp: 446546

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.0

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN064732.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064732.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064732.D (-2025) (-)

8.55

300000

250000

200000

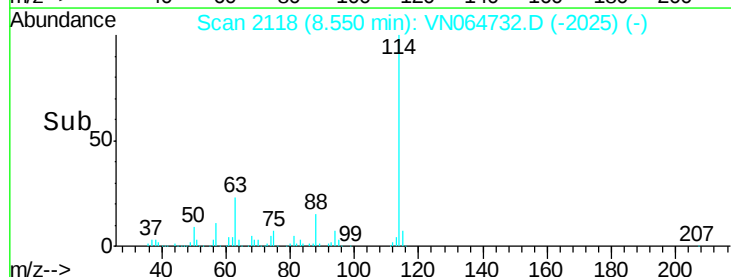
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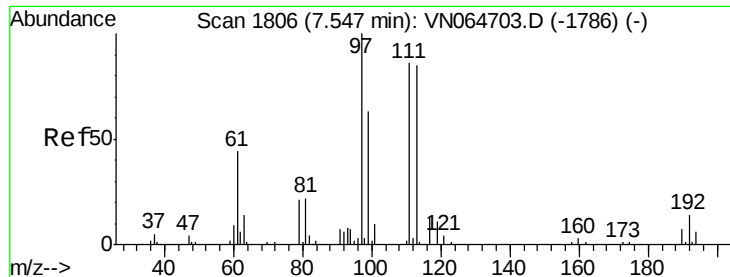
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 53.781 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Instrument :

MSVOA_N

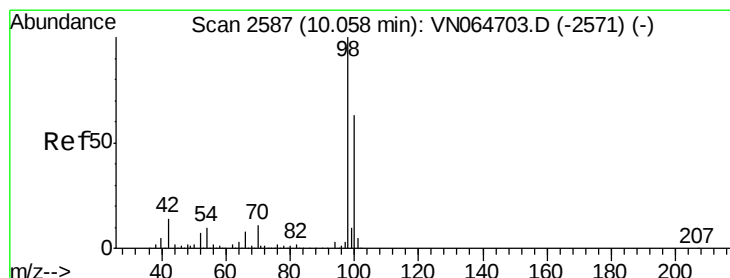
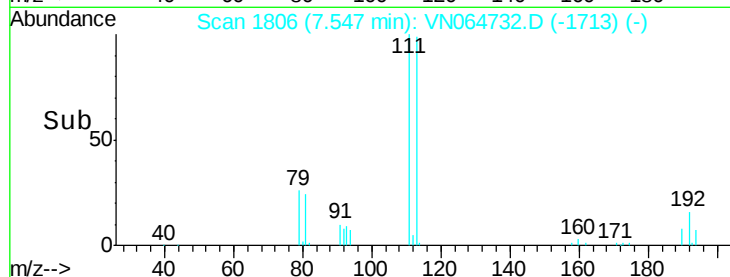
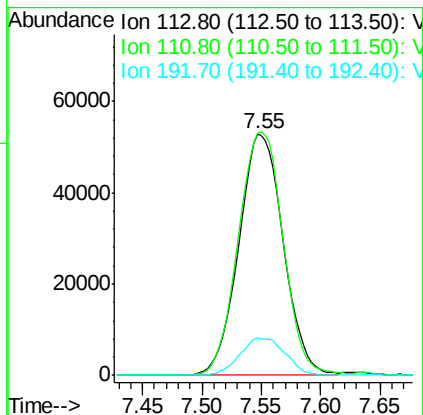
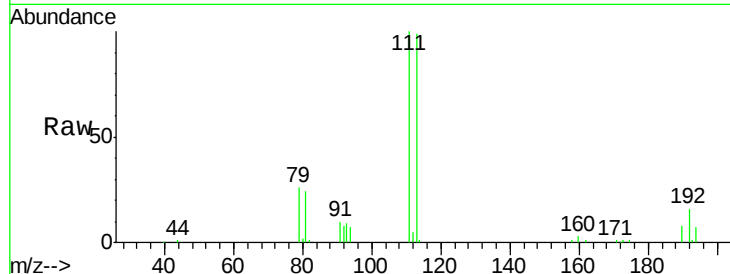
ClientSampleId :

MW-1D

Tot Ion:	113	Resp:	136690
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	15.8	12.7	19.1

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#50

Toluene-d8

Concen: 48.768 ug/l

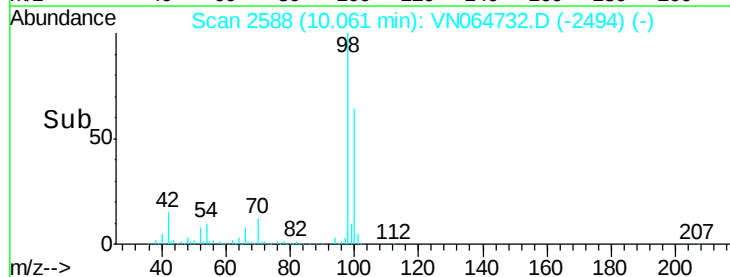
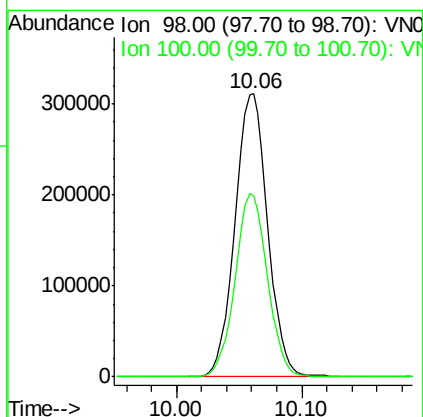
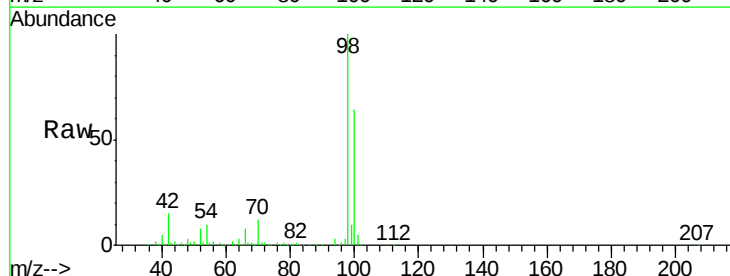
RT: 10.06 min Scan# 2588

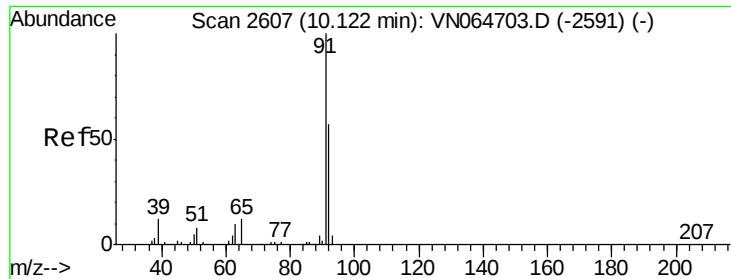
Delta R.T. 0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Tgt Ion:	98	Resp:	563332
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.4	75.6





#52

Toluene

Concen: 0.707 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-1D

Tot Ion: 92 Resp: 5572

Ion Ratio Lower Upper

92 100

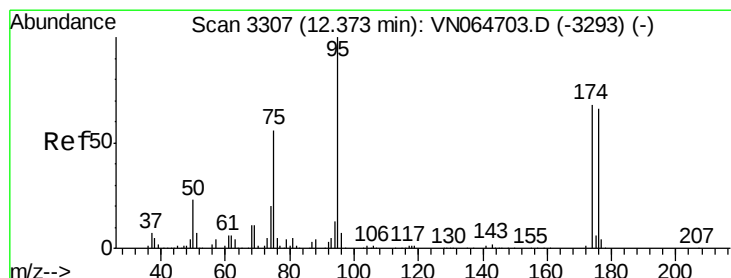
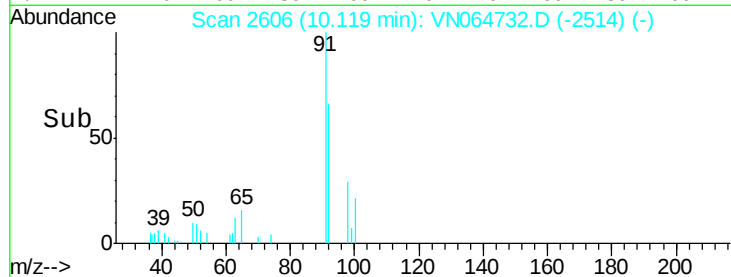
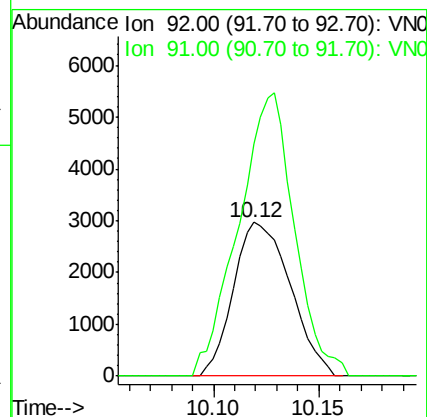
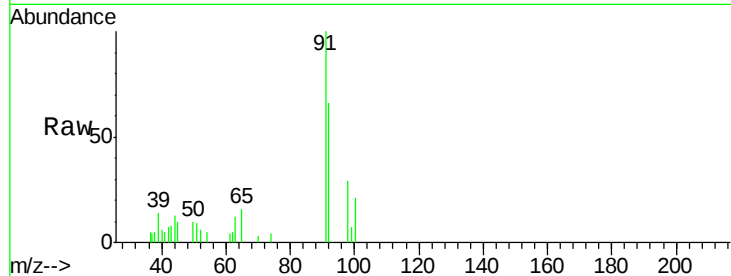
91 180.0 141.2 211.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.043 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

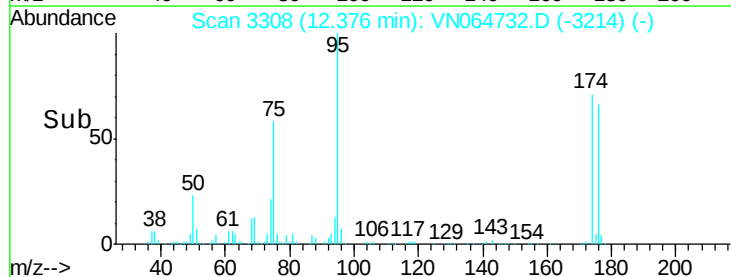
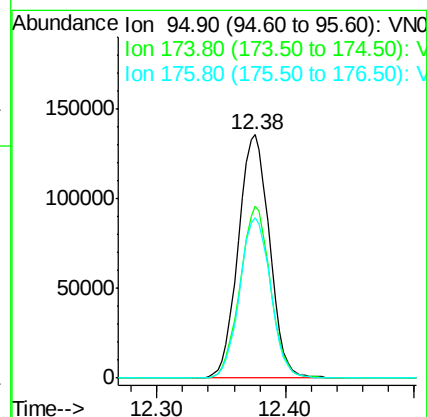
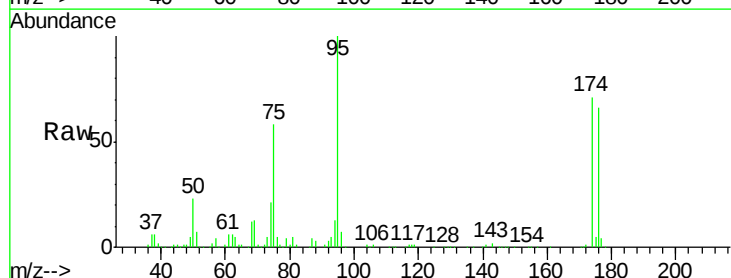
Tgt Ion: 95 Resp: 229019

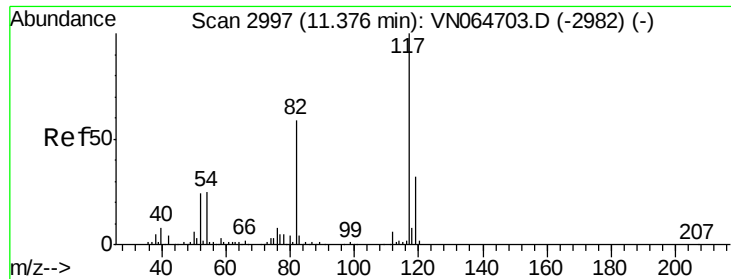
Ion Ratio Lower Upper

95 100

174 68.6 0.0 136.8

176 65.4 0.0 134.2





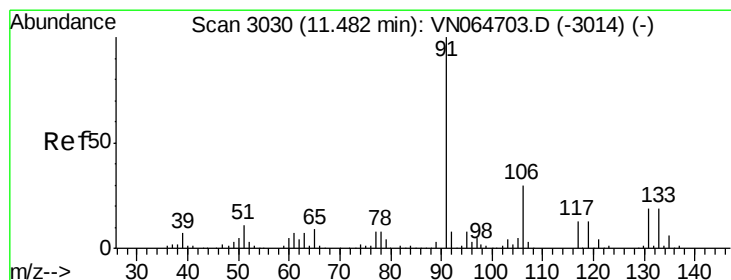
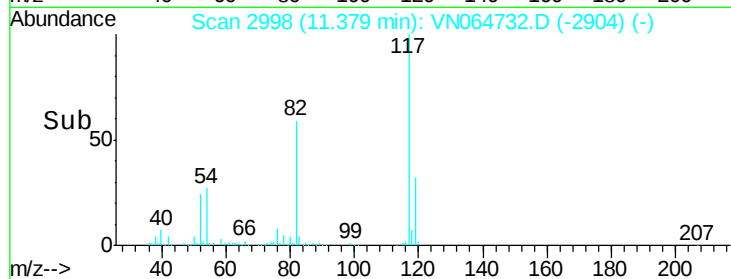
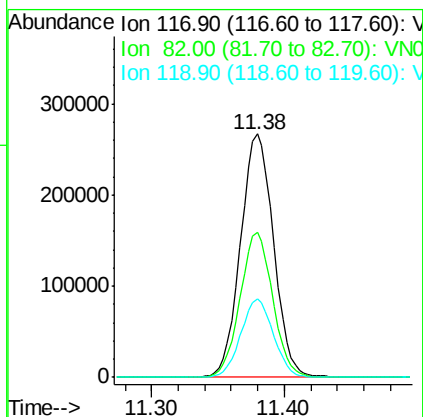
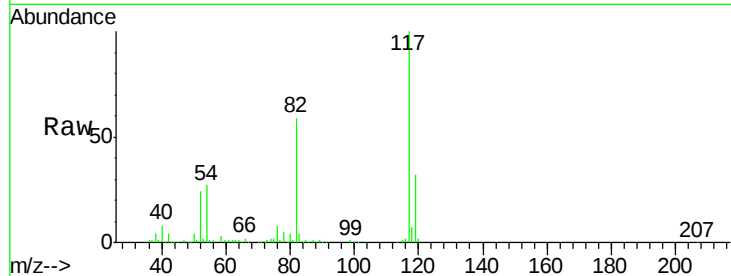
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064732.D
Acq: 19 Nov 2020 14:49

Instrument :
MSVOA_N
ClientSampled :
MW-1D

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.0	70.6
119	32.0	25.4	38.2

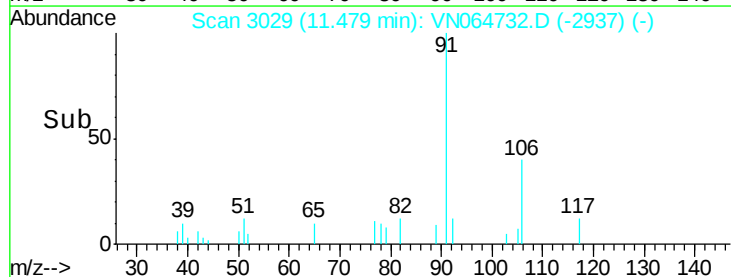
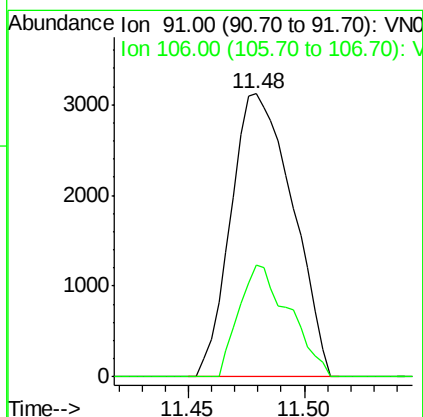
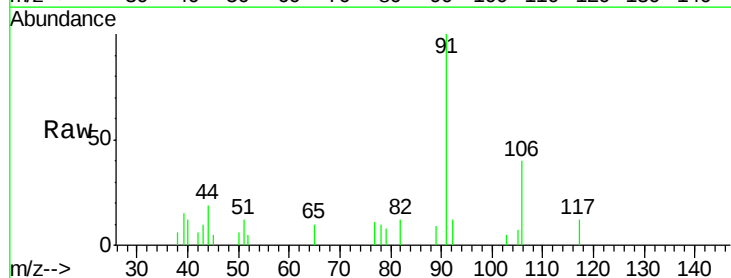
Manual Integrations
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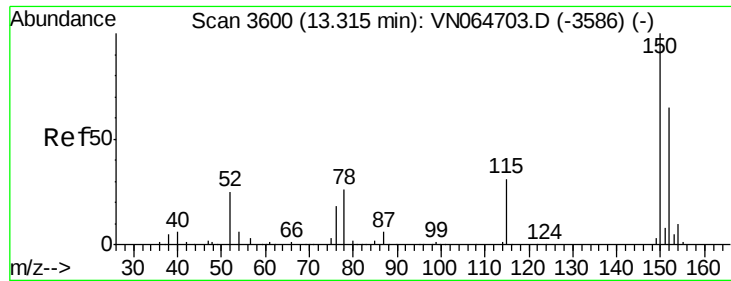
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#67
Ethyl Benzene
Concen: 0.333 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064732.D
Acq: 19 Nov 2020 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	39.6	23.9	35.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064732.D

Acq: 19 Nov 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-1D

Tot Ion:152 Resp: 198058

Ion Ratio Lower Upper

152 100

115 67.1 32.1 96.3

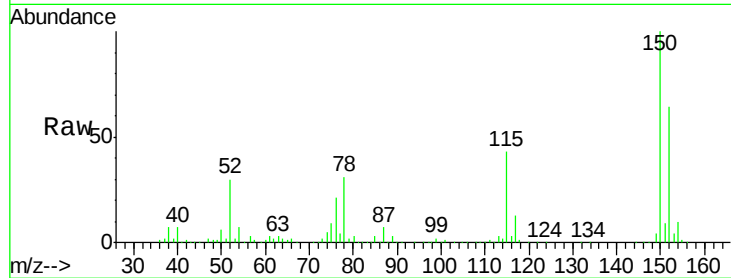
150 158.4 0.0 344.8

Manual Integrations

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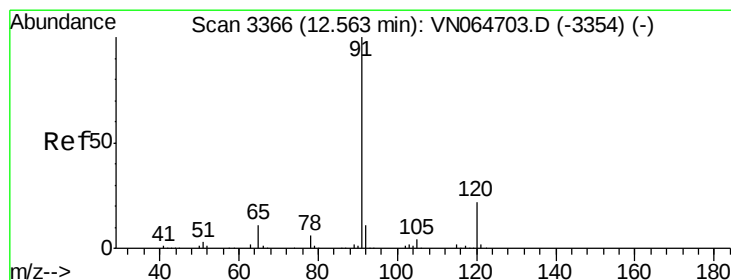
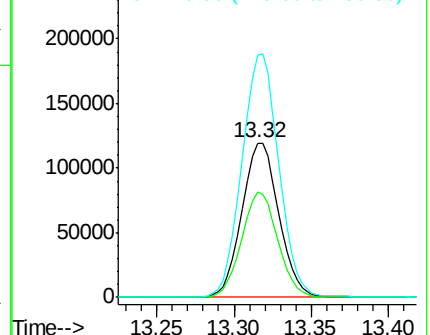
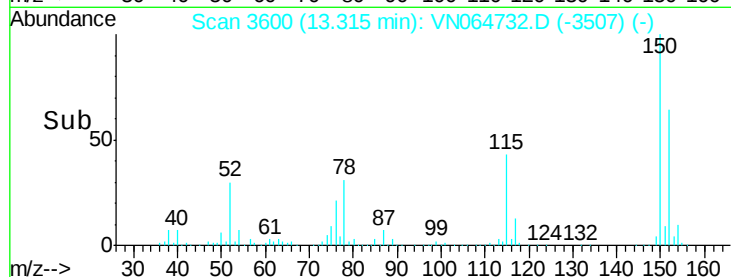
11/24/2020 3:11:22 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 0.307 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064732.D

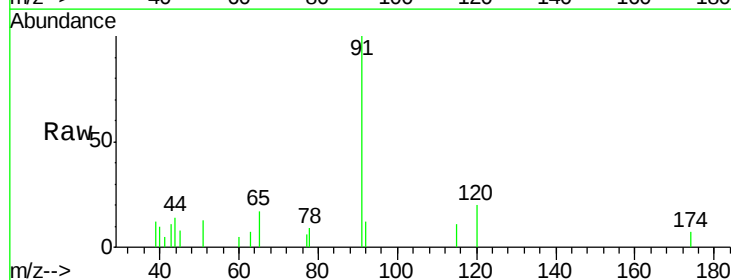
Acq: 19 Nov 2020 14:49

Tgt Ion: 91 Resp: 5020

Ion Ratio Lower Upper

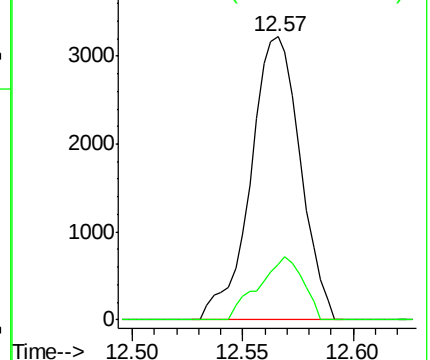
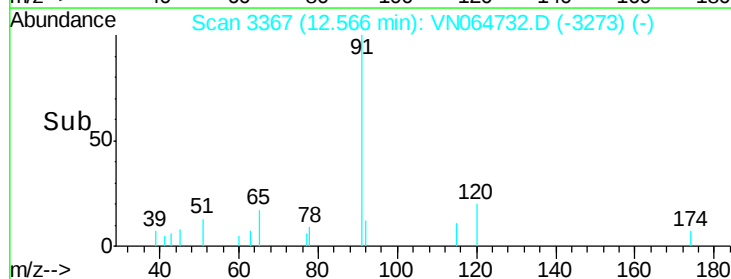
91 100

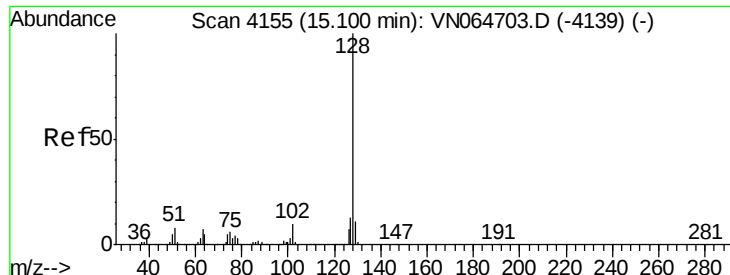
120 19.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 0.616 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064732.D
Acq: 19 Nov 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
MW-1D

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.8	16.2
129	10.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:11:22 PM

