

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050520\
 Data File : VN061289.D
 Acq On : 5 May 2020 14:09
 Operator : JC/MD
 Sample : L2456-01MEDL 10X
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 207MEDL

Manual Integrations
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 5/6/2020 11:37:29 AM

Quant Time: May 06 07:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	96189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	171242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	163696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77505	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.54	113	49471	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.06	98	211990	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.37	95	83853	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
Target Compounds						
52) Toluene	10.12	92	90457	29.406	ug/l	99
68) m/p-Xylenes	11.59	106	6577	2.956	ug/l	99
69) o-Xylene	11.92	106	3449	1.614	ug/l	99
78) n-propylbenzene	12.56	91	11981	1.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10258	2.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	37908	8.019	ug/l	98
89) n-Butylbenzene	13.59	91	7116m	1.633	ug/l	

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

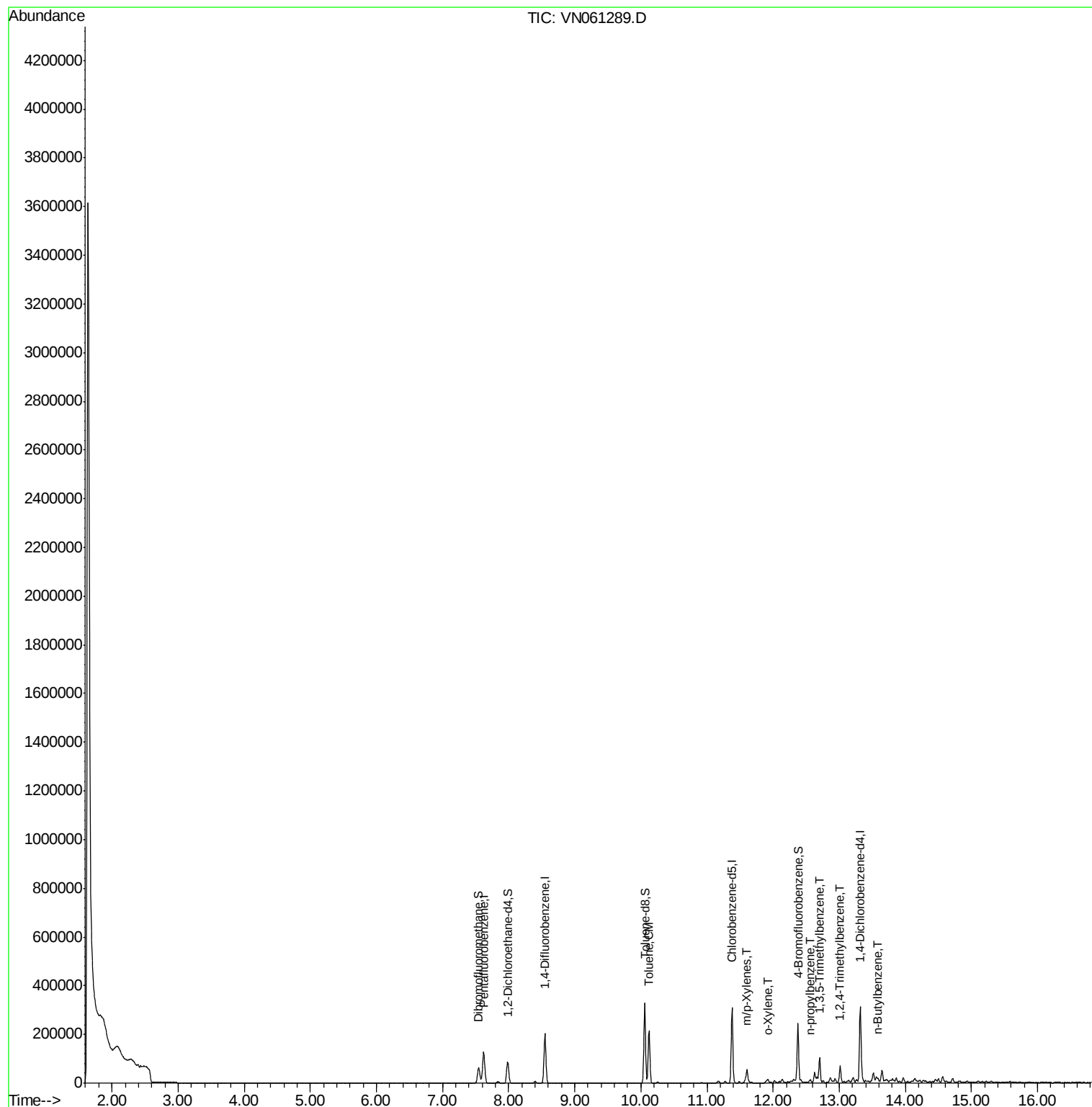
Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050520\
Data File : VN061289.D
Acq On : 5 May 2020 14:09
Operator : JC/MD
Sample : L2456-01MEDL 10X
Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
207MEDL

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Quant Time: May 06 07:20:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061289.D

Acq: 5 May 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

207MEDL

Tot Ion:168 Resp: 96189

Ion Ratio Lower Upper

168 100

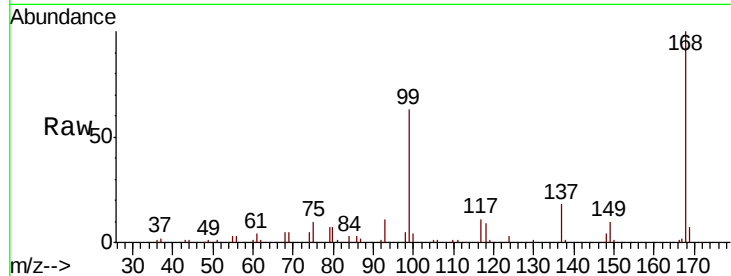
99 63.3 51.2 76.8

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

7.62

40000

30000

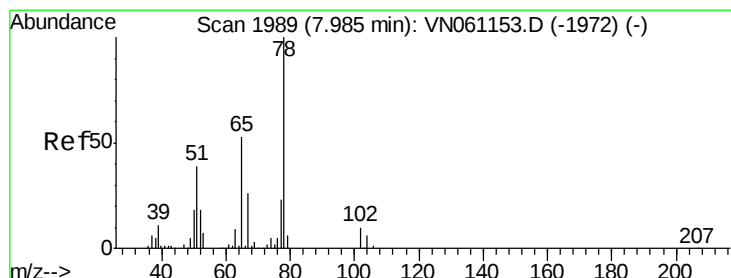
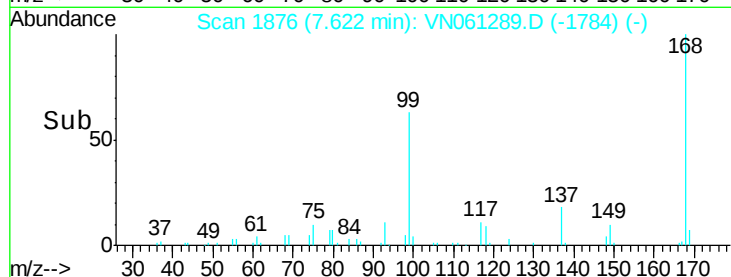
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10000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.923 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061289.D

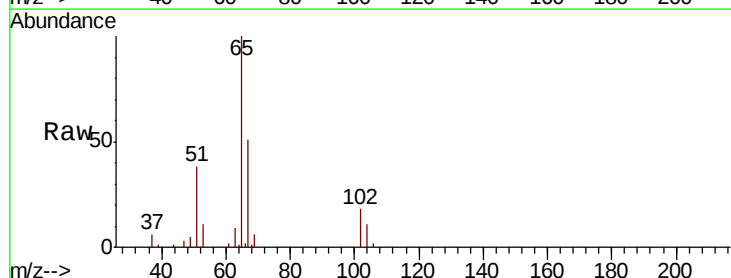
Acq: 5 May 2020 14:09

Tgt Ion: 65 Resp: 77505

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

30000

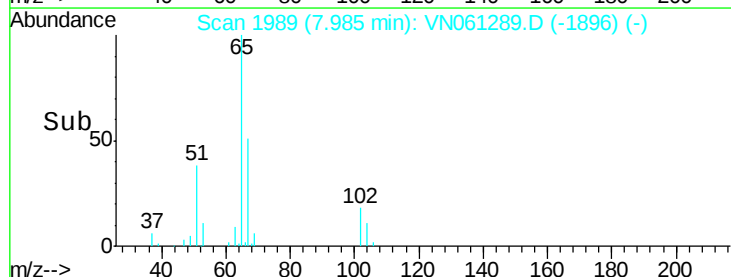
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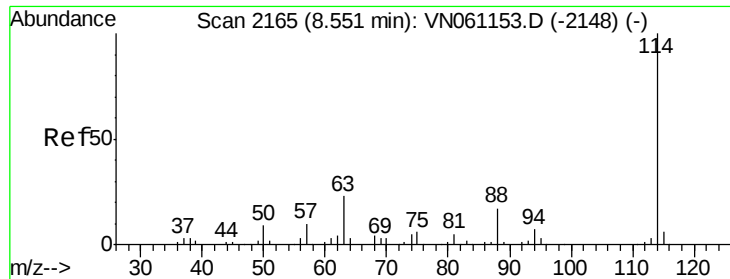
10000

0

7.90 8.00 8.10

Time-->





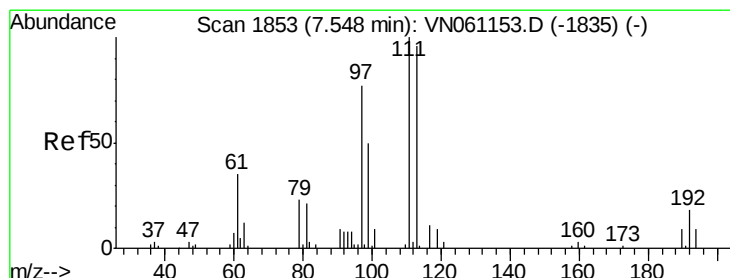
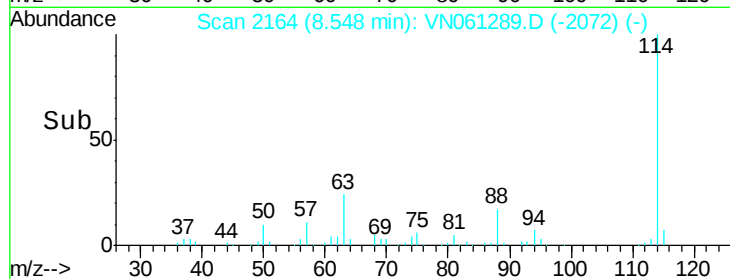
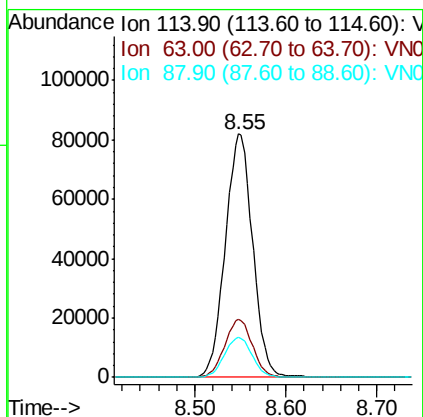
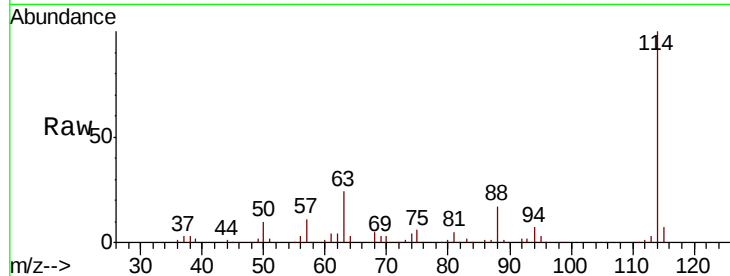
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061289.D
 Acq: 5 May 2020 14:09

Instrument :
 MSVOA_N
 ClientSampled :
 207MEDL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	171242		
63	23.9	0.0	46.6	
88	16.5	0.0	33.4	

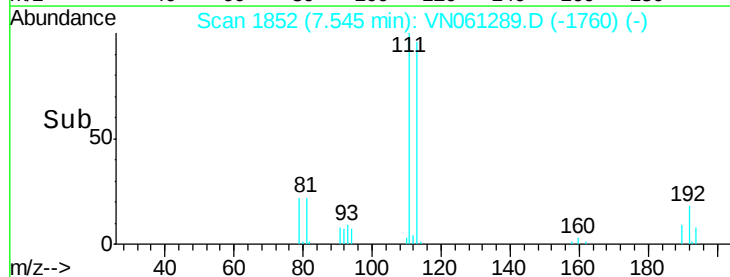
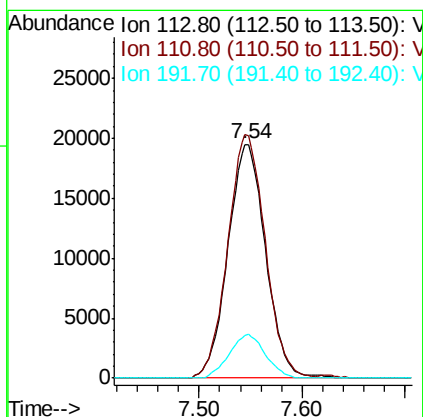
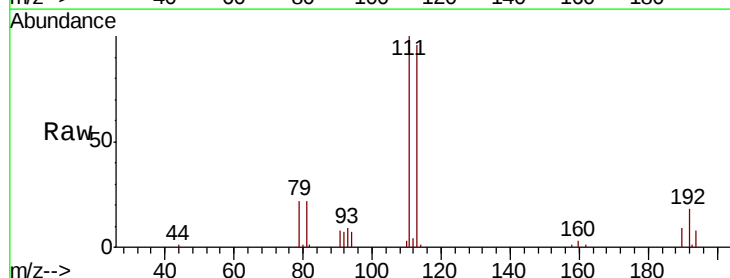
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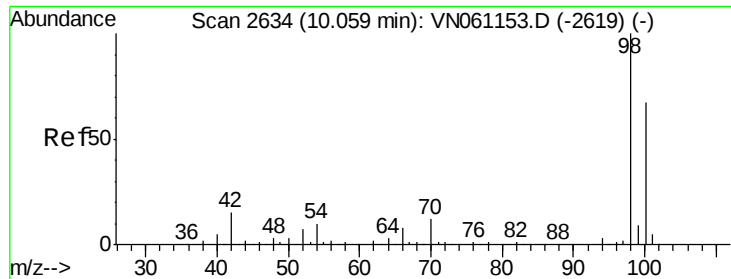
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#35
 Dibromofluoromethane
 Concen: 48.856 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061289.D
 Acq: 5 May 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	49471		
111	103.7	82.9	124.3	
192	17.9	14.7	22.1	





#50

Toluene-d8

Concen: 51.356 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061289.D

Acq: 5 May 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

207MEDL

Tot Ion: 98 Resp: 211990

Ion Ratio Lower Upper

98 100

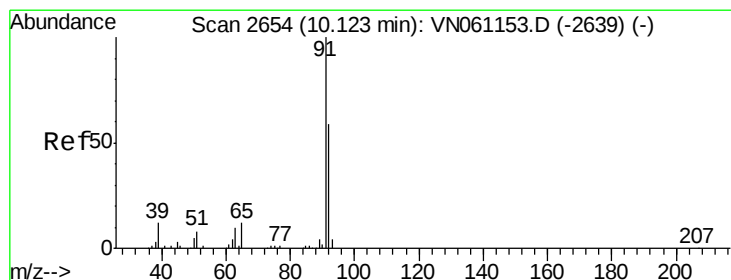
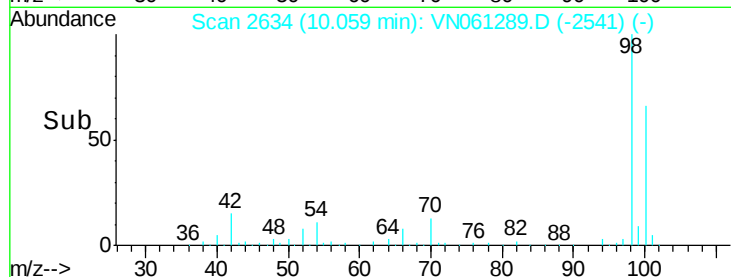
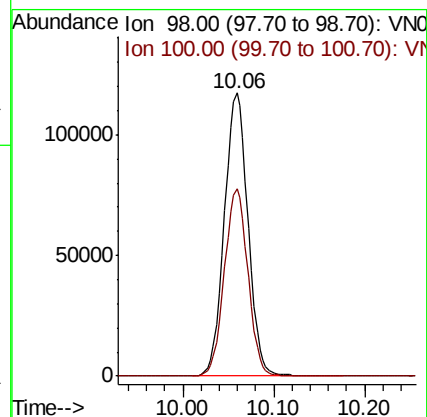
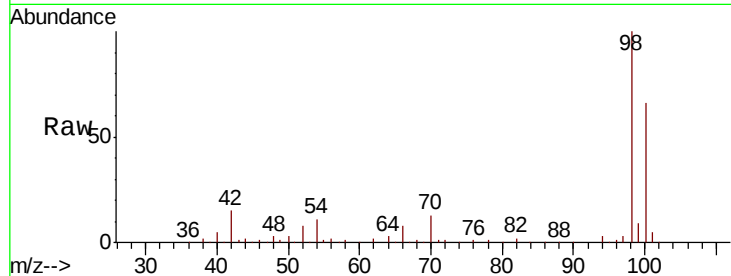
100 66.0 53.4 80.0

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#52

Toluene

Concen: 29.406 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061289.D

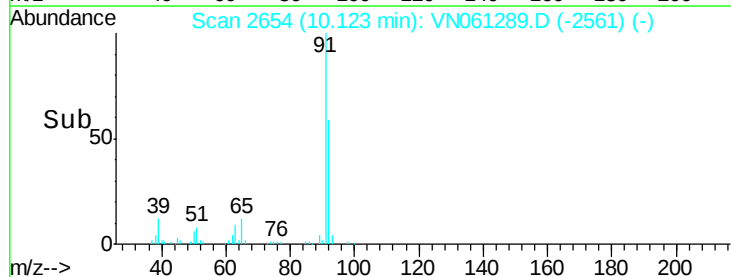
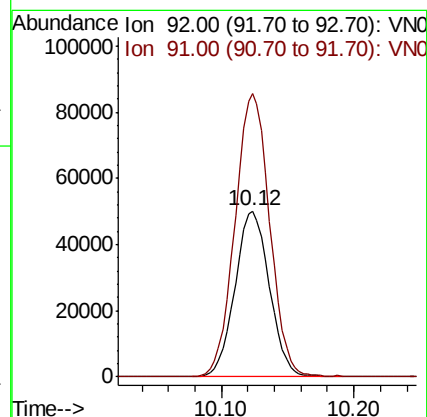
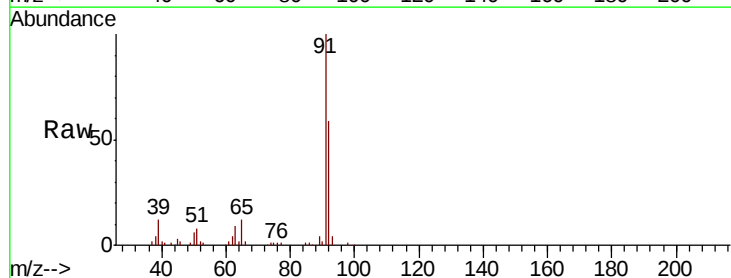
Acq: 5 May 2020 14:09

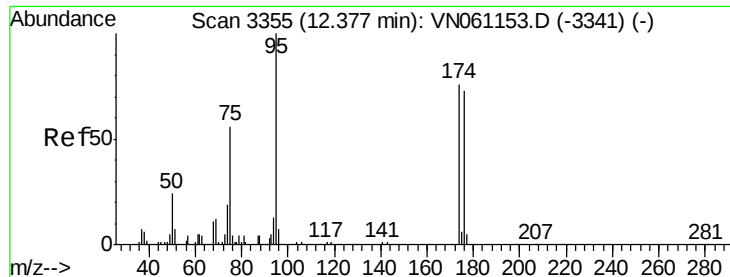
Tgt Ion: 92 Resp: 90457

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





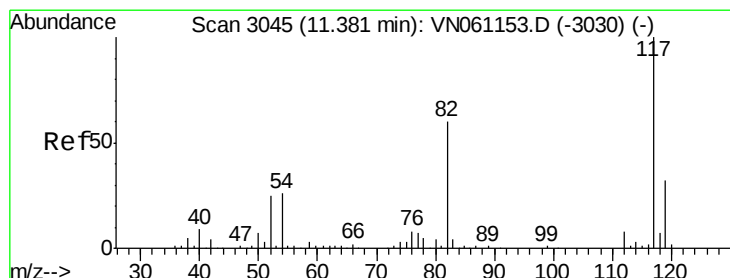
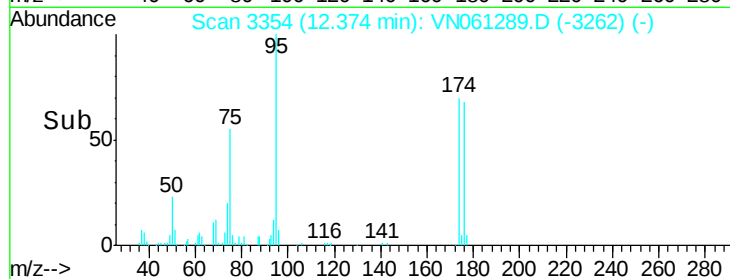
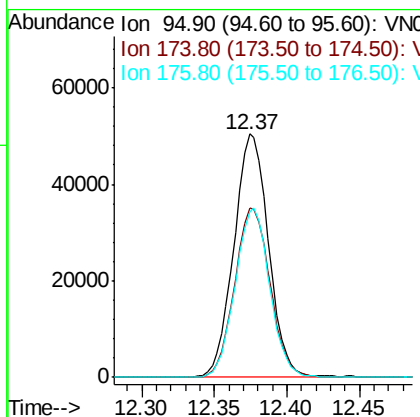
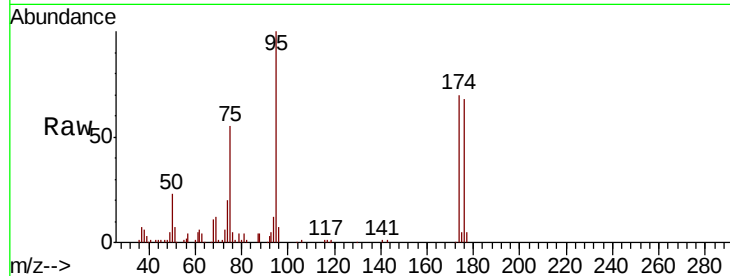
#62
4-Bromofluorobenzene
Concen: 53.981 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061289.D
Acq: 5 May 2020 14:09

Instrument :
MSVOA_N
ClientSampleId :
207MEDL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	83853		
174	71.0	0.0	149.4	
176	69.0	0.0	144.8	

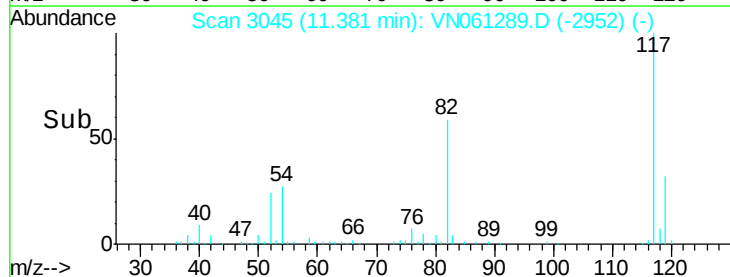
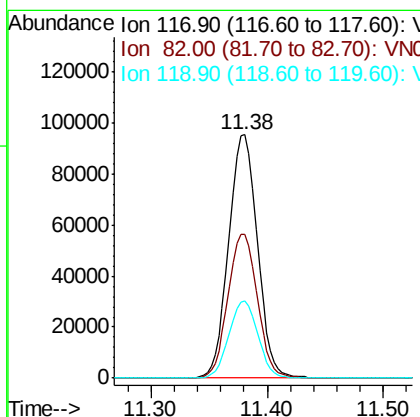
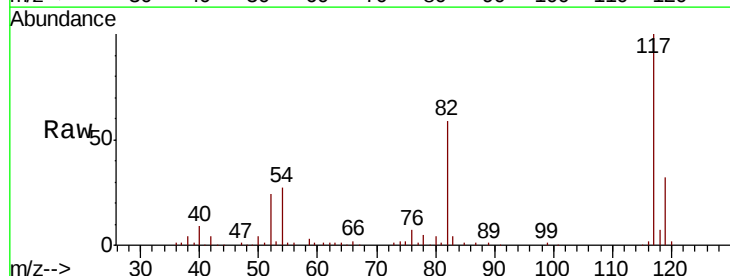
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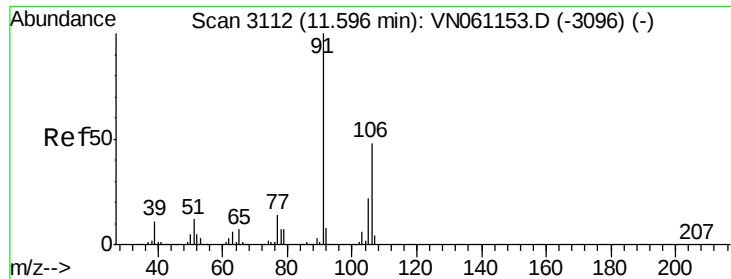
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061289.D
Acq: 5 May 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	163696		
82	58.8	47.8	71.8	
119	31.8	25.8	38.6	





#68

m/p-Xylenes

Concen: 2.956 ug/l

RT: 11.59 min Scan# 3110

Delta R.T. -0.01 min

Lab File: VN061289.D

Acq: 5 May 2020 14:09

Instrument :

MSVOA_N

ClientSampled :

207MEDL

Tot Ion:106 Resp: 6577

Ion Ratio Lower Upper

106 100

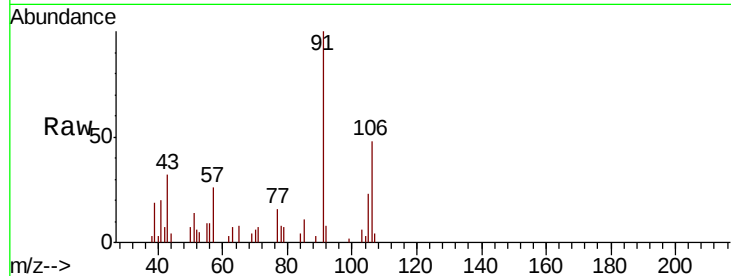
91 209.4 166.4 249.6

Manual Integrations

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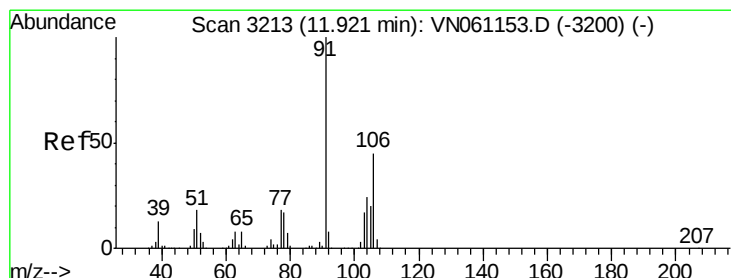
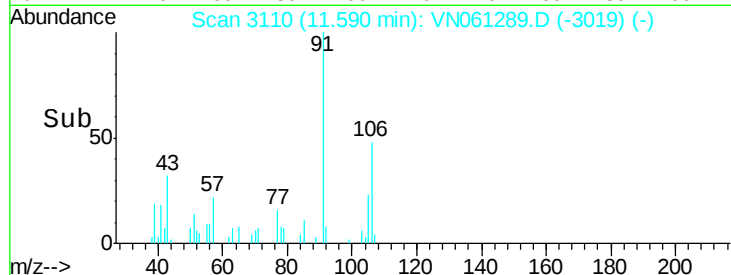
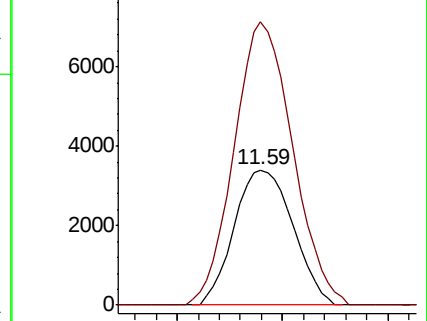
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 1.614 ug/l

RT: 11.92 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061289.D

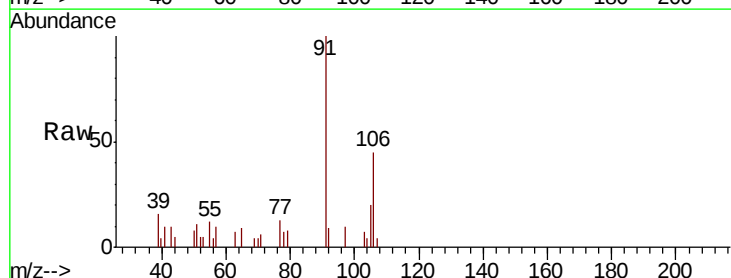
Acq: 5 May 2020 14:09

Tgt Ion:106 Resp: 3449

Ion Ratio Lower Upper

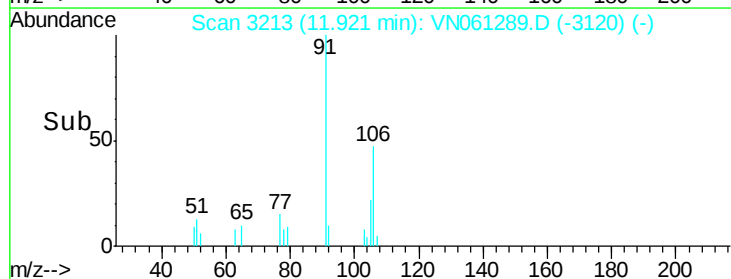
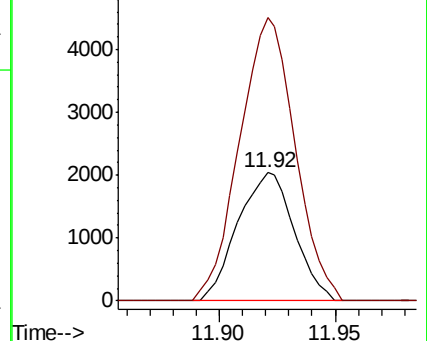
106 100

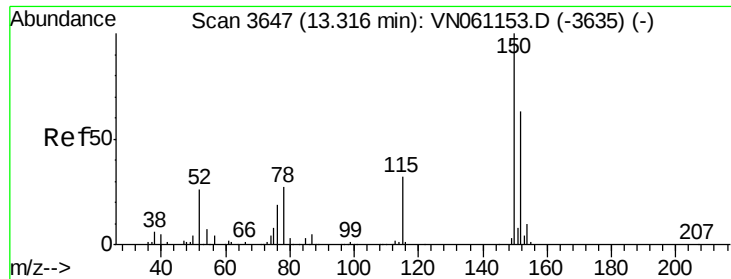
91 217.3 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061289.D

Acq: 5 May 2020 14:09

Instrument :

MSVOA_N

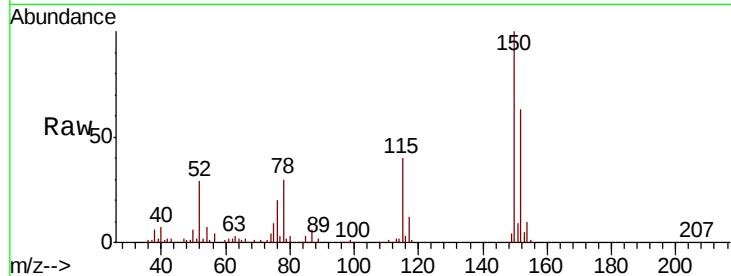
ClientSampleId :

207MEDL

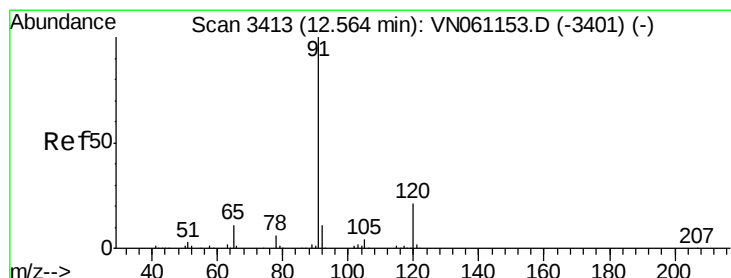
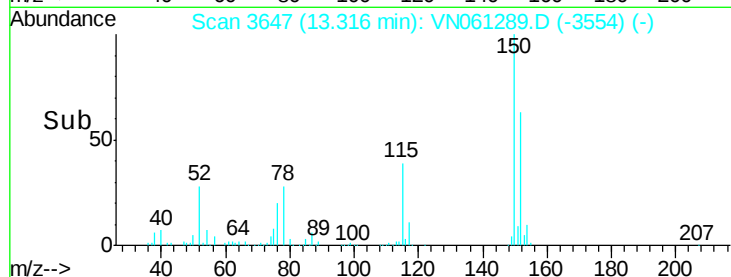
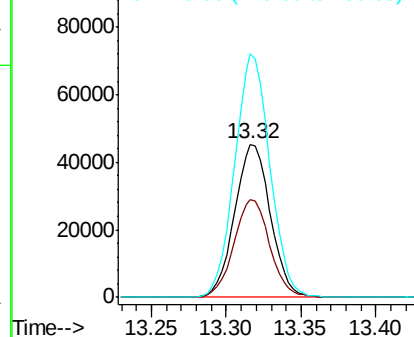
Tot Ion:	152	Resp:	75411
Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.0	93.0
150	156.9	0.0	351.8

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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: 1.822 ug/l

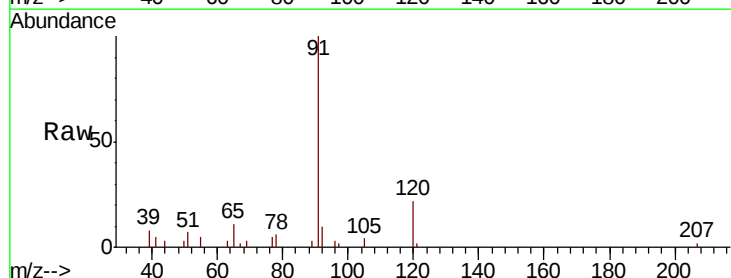
RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

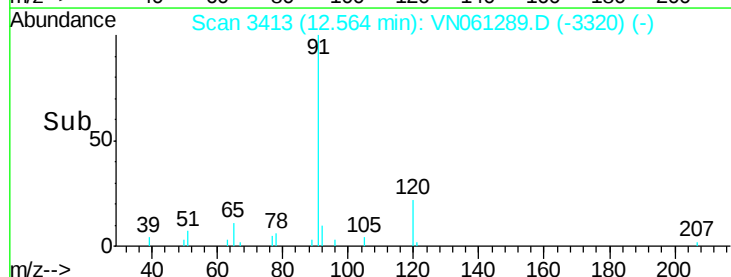
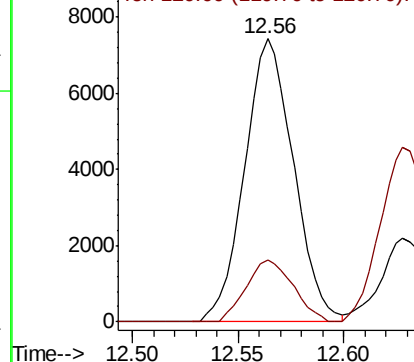
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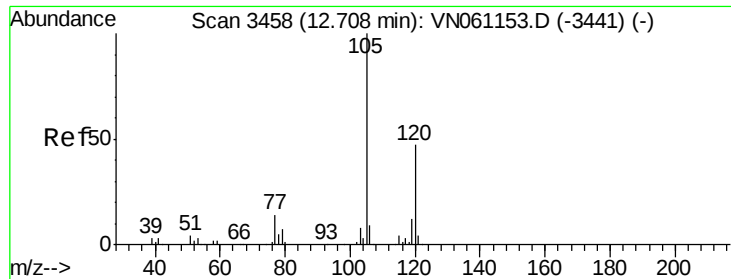
Acq: 5 May 2020 14:09

Tgt Ion:	91	Resp:	11981
Ion	Ratio	Lower	Upper
91	100		
120	20.9	10.8	32.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.00 (119.70 to 120.70): V





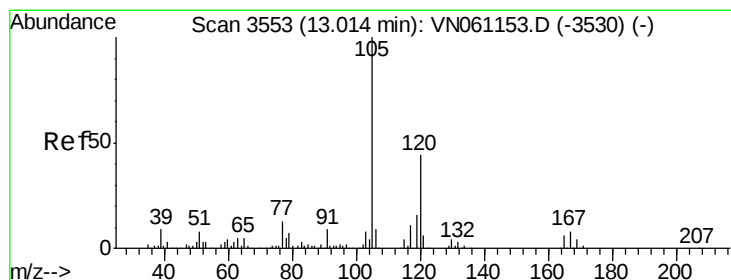
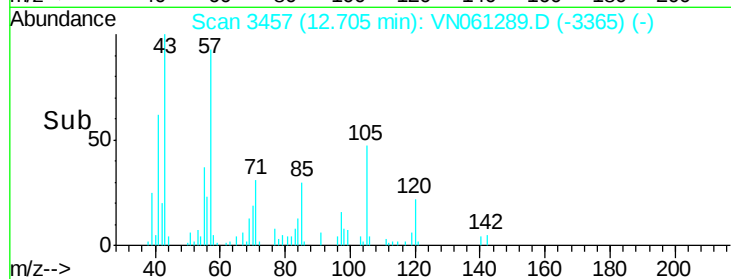
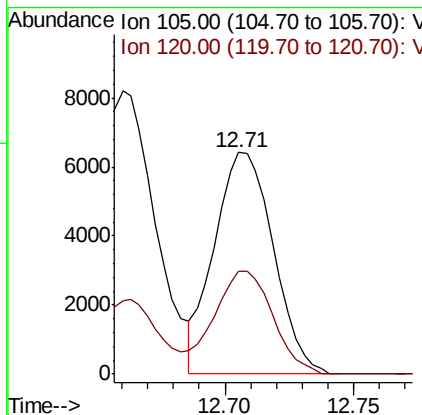
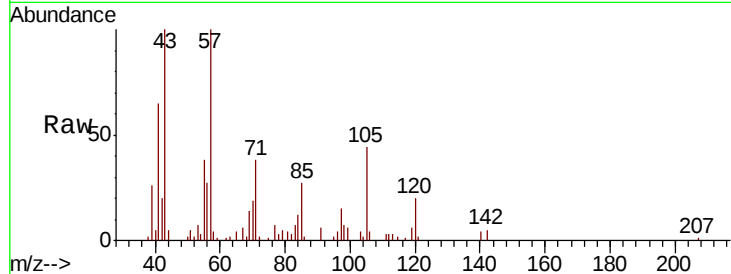
#80
 1,3,5-Trimethylbenzene
 Concen: 2.236 ug/l
 RT: 12.71 min Scan# 3457
 Delta R.T. -0.00 min
 Lab File: VN061289.D
 Acq: 5 May 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 207MEDL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.9	71.7

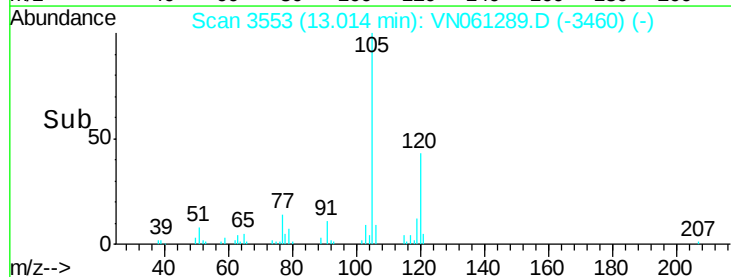
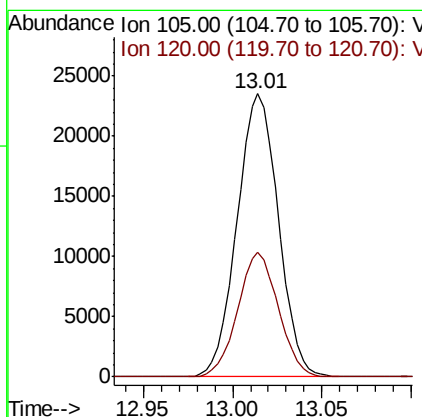
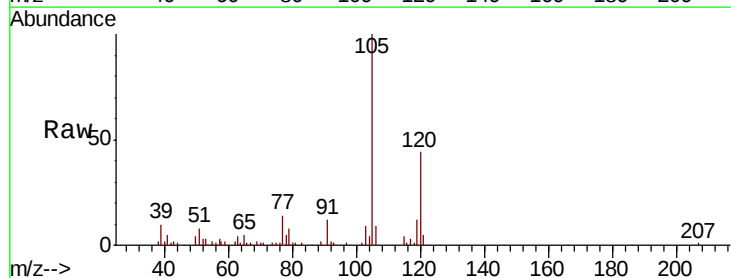
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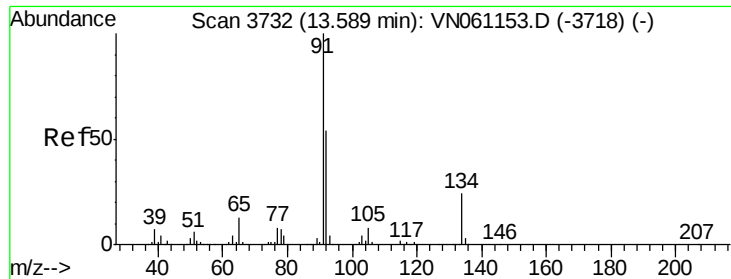
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#84
 1,2,4-Trimethylbenzene
 Concen: 8.019 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061289.D
 Acq: 5 May 2020 14:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.2	66.6





#89
 n-Butylbenzene
 Concen: 1.633 ug/l m
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061289.D
 Acq: 5 May 2020 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 207MEDL

Tot Ion:	91	Resp:	7116
Ion Ratio	Lower	Upper	
91	100		
92	56.5	26.8	80.3
134	0.0	11.9	35.5#

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 11:37:29 AM

