

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062453.D
 Acq On : 9 Jul 2020 13:29
 Operator : JC/MD
 Sample : L3215-19DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:56 AM

Quant Time: Jul 09 14:06:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	358894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162611	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	118147	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.06	98	485214	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.38	95	185278	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.05	83	25238	6.219	ug/l	99
40) Benzene	8.00	78	535378	47.789	ug/l	100
52) Toluene	10.12	92	132811	20.524	ug/l	98
67) Ethyl Benzene	11.48	91	323543	24.711	ug/l	100
68) m/p-Xylenes	11.59	106	704694	152.036	ug/l	98
69) o-Xylene	11.92	106	237139	52.547	ug/l	98
73) Isopropylbenzene	12.22	105	18243	1.600	ug/l	99
78) n-propylbenzene	12.57	91	28226	2.119	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	152336	16.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	574086	61.787	ug/l	100
86) p-Isopropyltoluene	13.26	119	2661m	0.293	ug/l	
95) Naphthalene	15.10	128	70273	13.441	ug/l	99

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

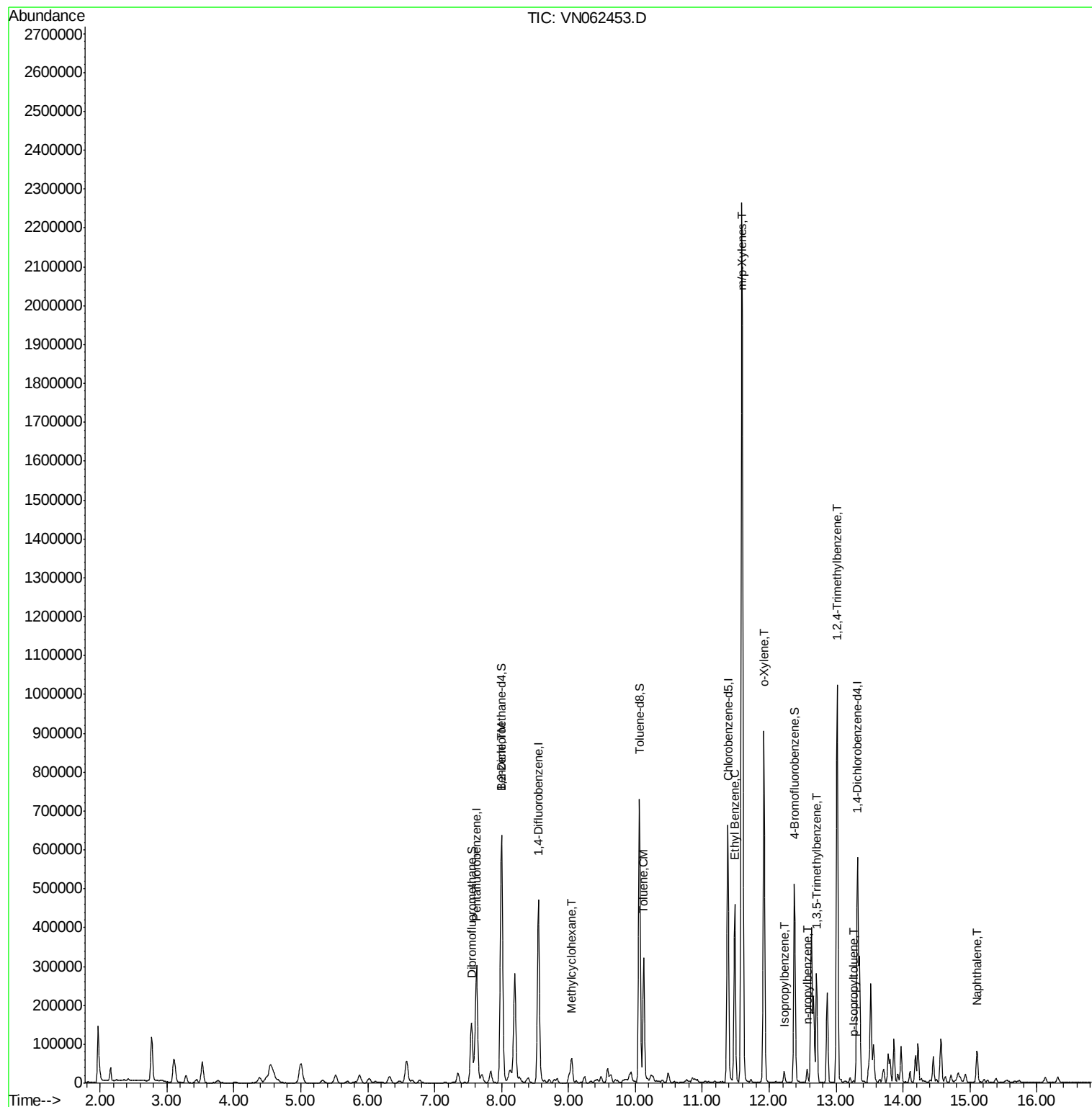
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070920\
Data File : VN062453.D
Acq On : 9 Jul 2020 13:29
Operator : JC/MD
Sample : L3215-19DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

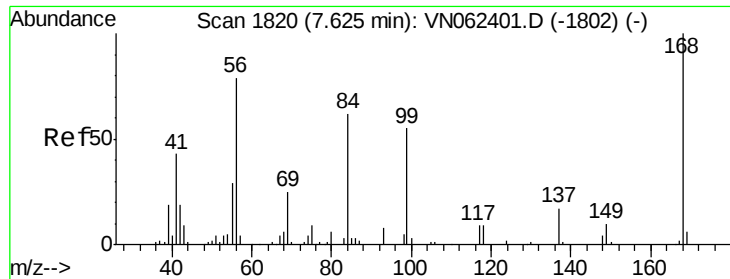
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

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Quant Time: Jul 09 14:06:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

Tot Ion:168 Resp: 209185

Ion Ratio Lower Upper

168 100

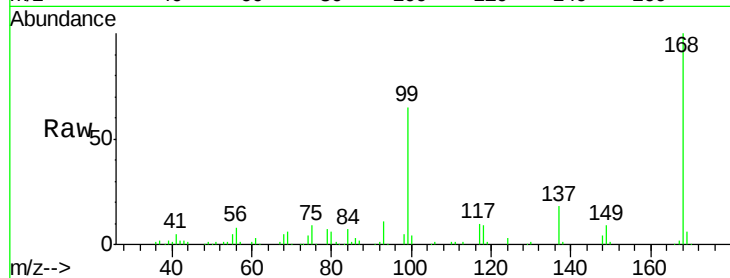
99 64.9 48.8 73.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

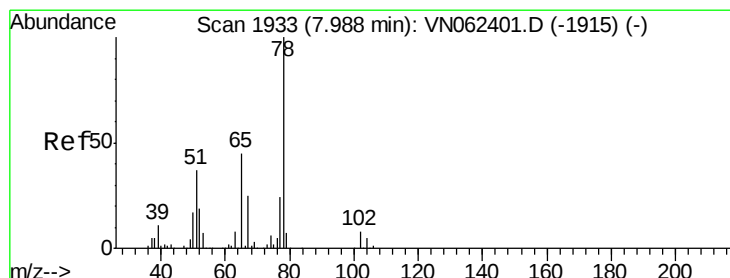
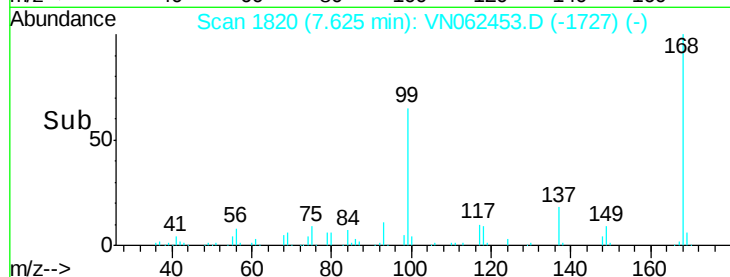
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.539 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062453.D

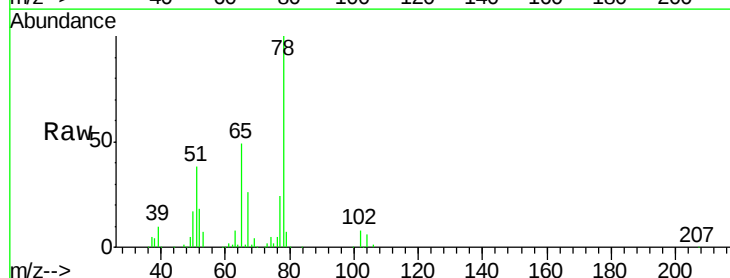
Acq: 9 Jul 2020 13:29

Tgt Ion: 65 Resp: 162611

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

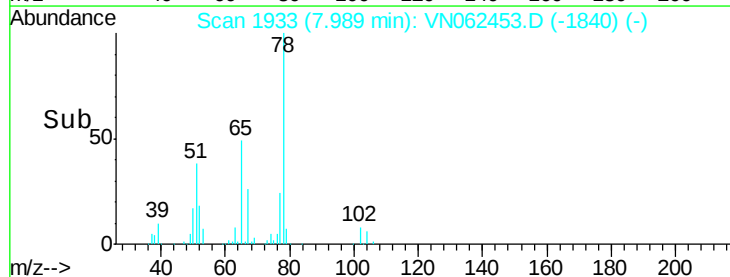
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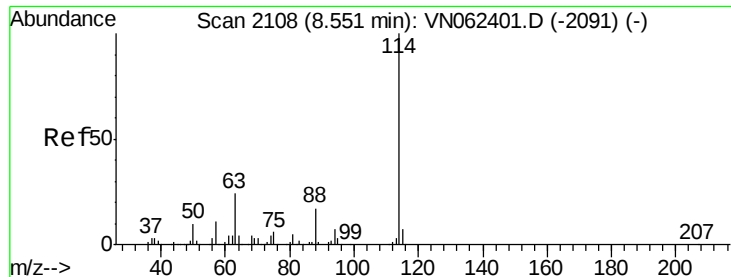
40000

20000

0

Time--> 7.90 8.00 8.10





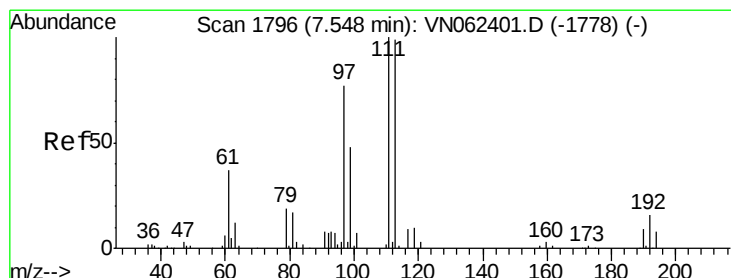
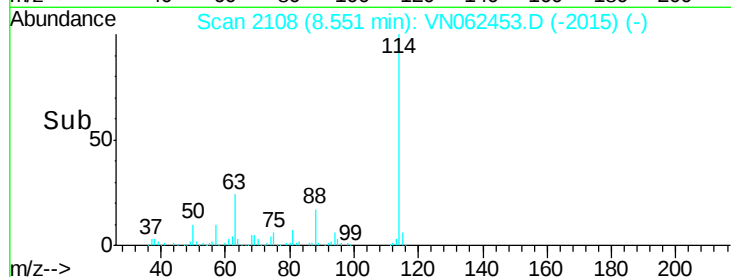
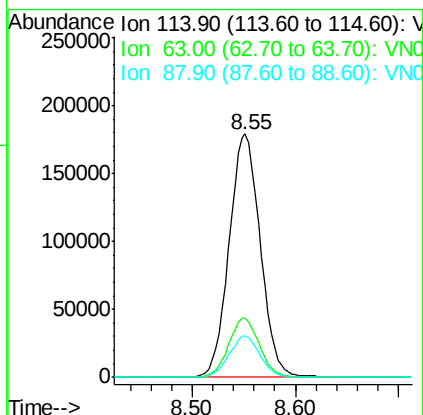
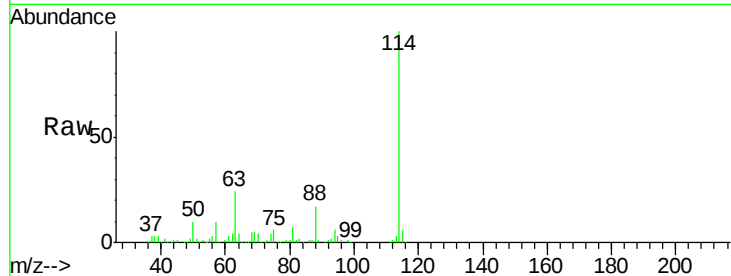
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.2	0.0	48.4
88	17.2	0.0	33.8

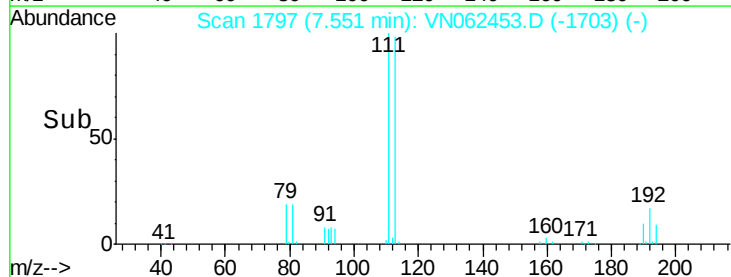
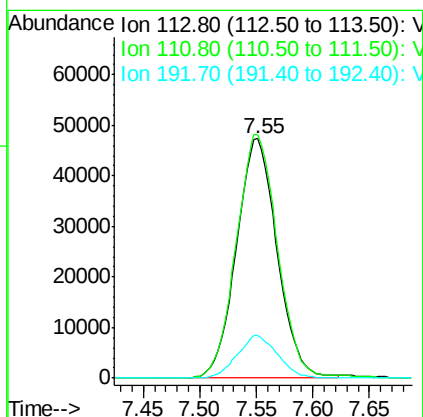
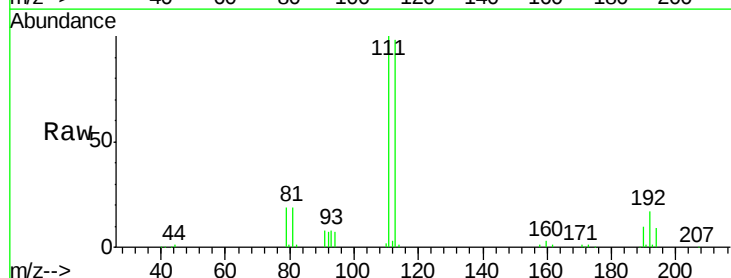
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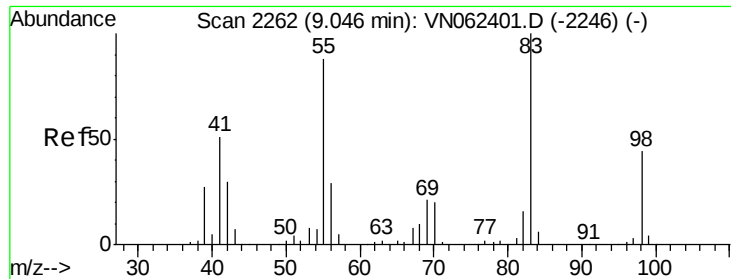
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#35
 Dibromofluoromethane
 Concen: 50.660 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.2	83.1	124.7
192	17.7	14.1	21.1





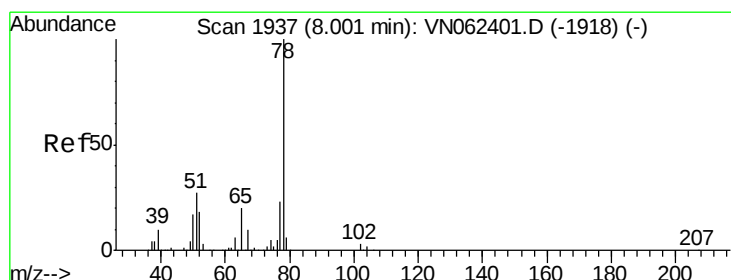
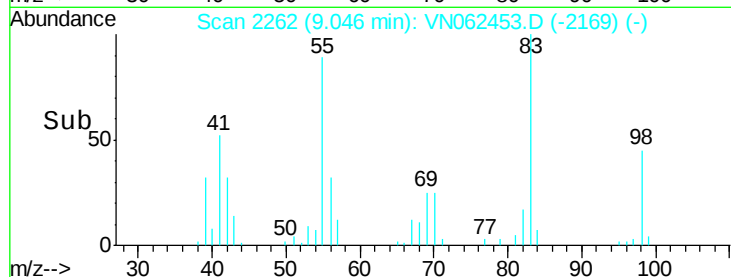
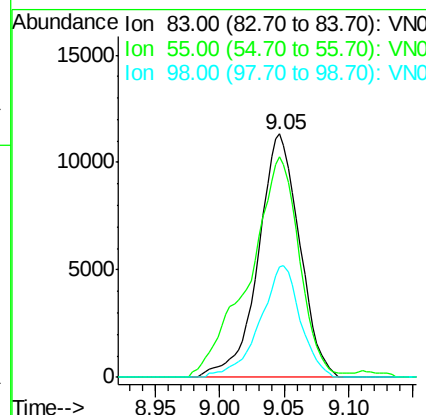
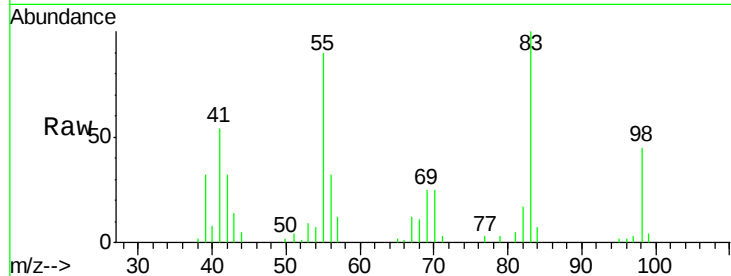
#39
Methvlcvclohexane
Concen: 6.219 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Instrument :
MSVOA_N
ClientSampled :
MW-6DL

Tot Ion	83	Resp	25238
Ion Ratio	Lower	Upper	
83	100		
55	88.6	70.5	105.7
98	45.3	35.5	53.3

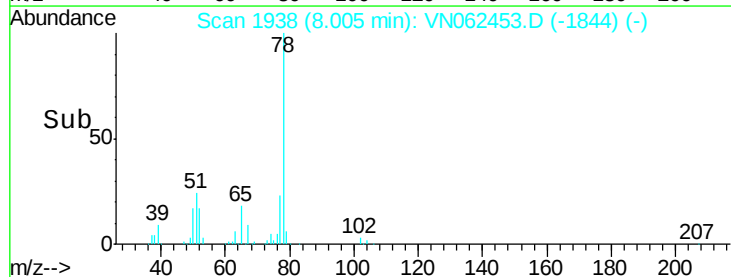
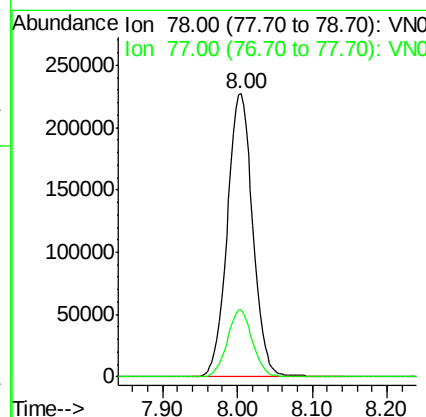
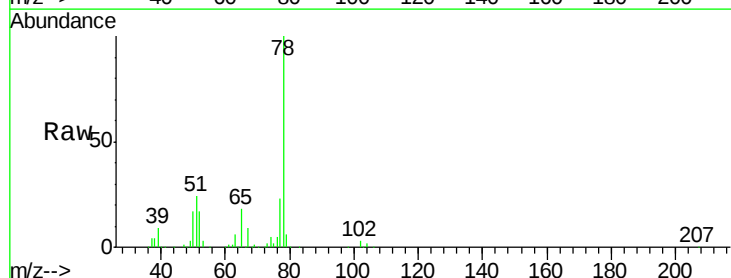
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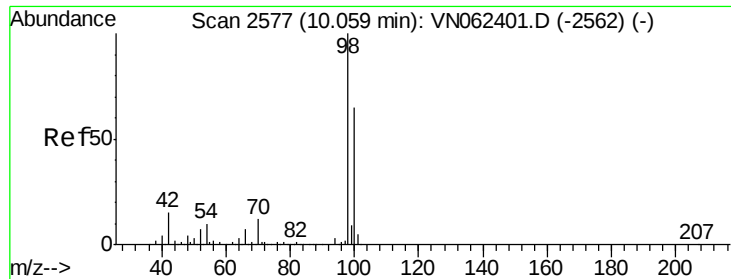
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#40
Benzene
Concen: 47.789 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion	78	Resp	535378
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.7	28.1





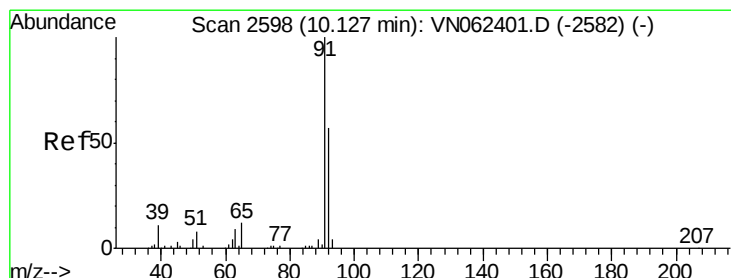
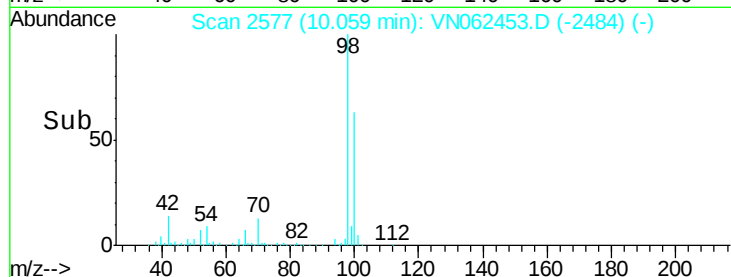
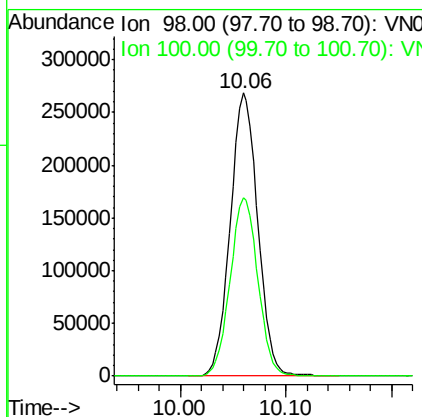
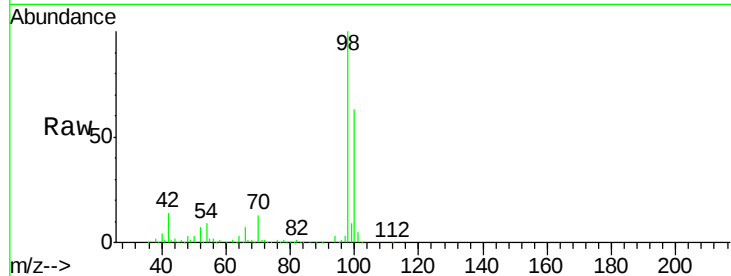
#50
Toluene-d8
Concen: 52.702 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		485214		
100	63.6		51.5		77.3

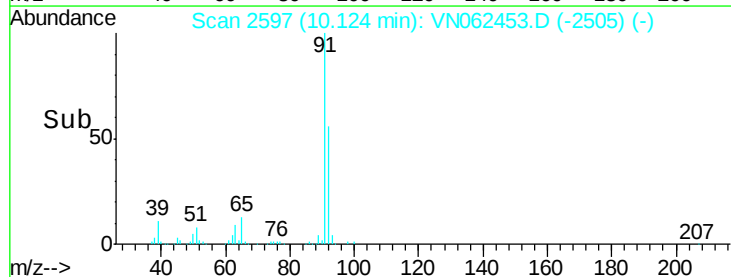
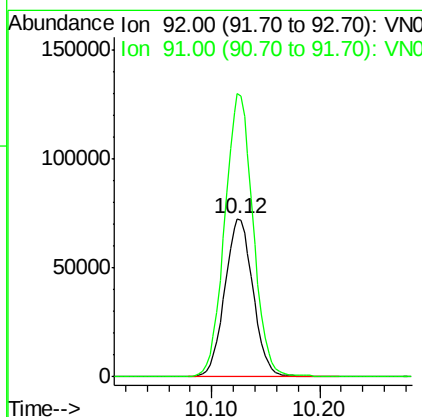
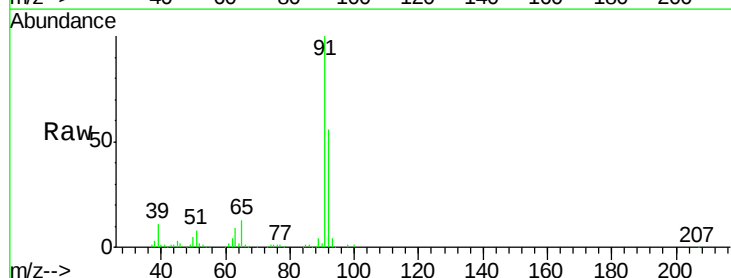
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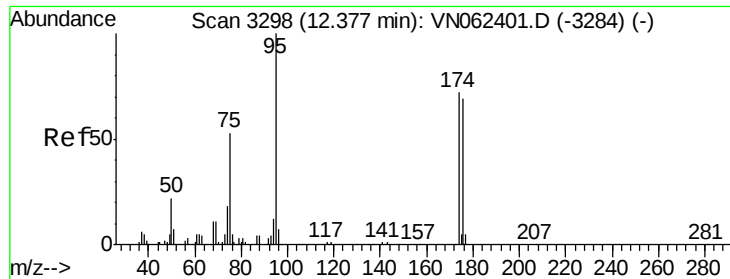
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#52
Toluene
Concen: 20.524 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100		132811		
91	179.5		141.0		211.6





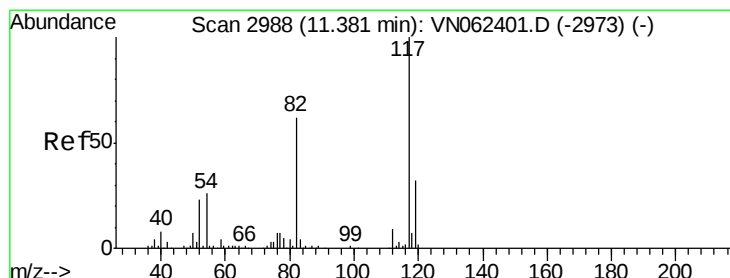
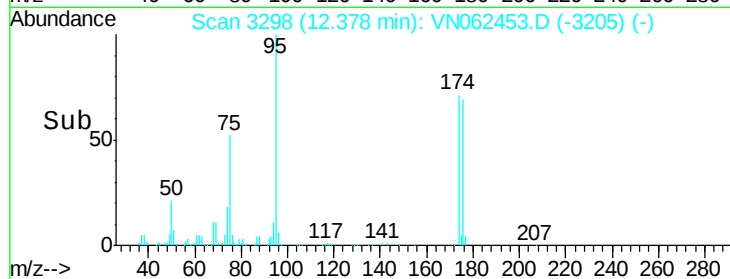
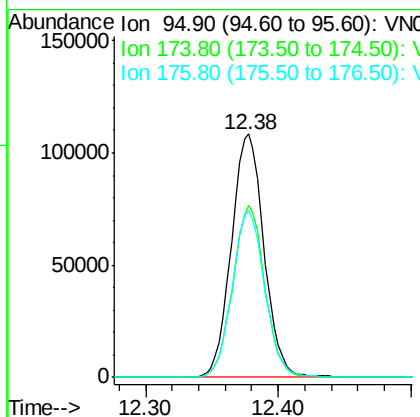
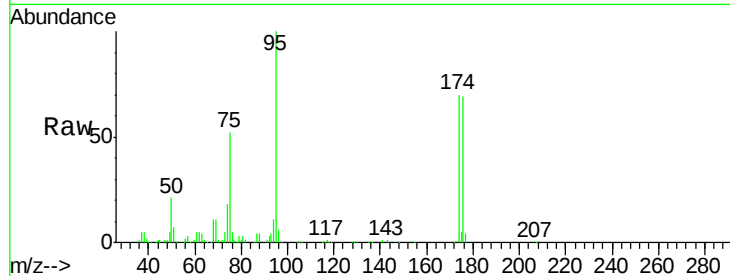
#62
4-Bromofluorobenzene
Concen: 55.070 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Instrument :
MSVOA_N
ClientSampled :
MW-6DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	185278		
174	69.4	0.0	141.6	
176	68.6	0.0	137.2	

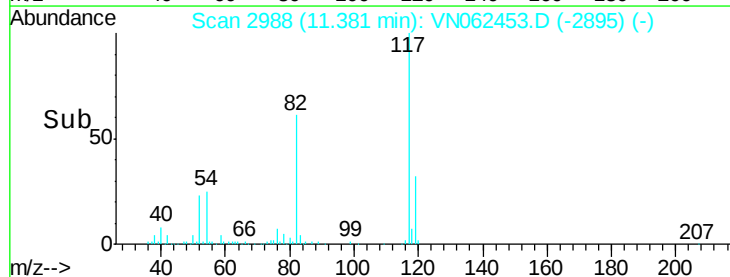
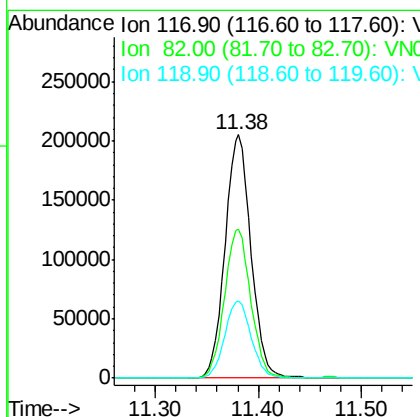
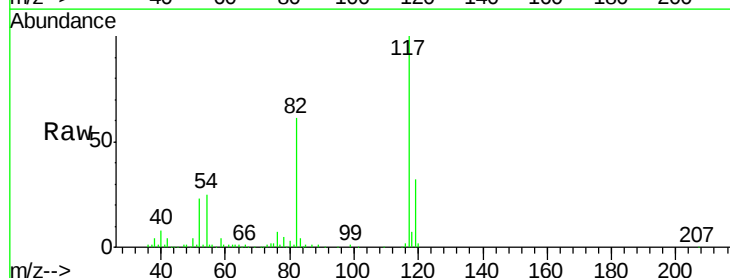
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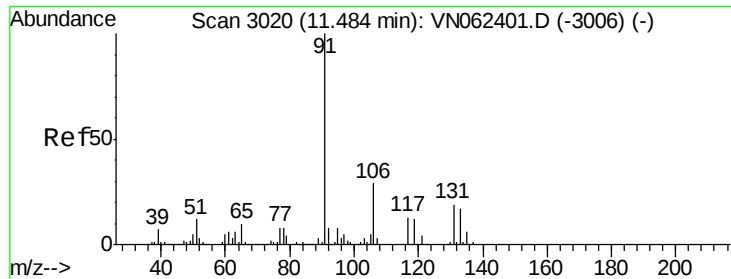
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358894		
82	61.4	49.6	74.4	
119	31.7	25.4	38.0	





#67

Ethyl Benzene

Concen: 24.711 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

Tot Ion: 91 Resp: 323543

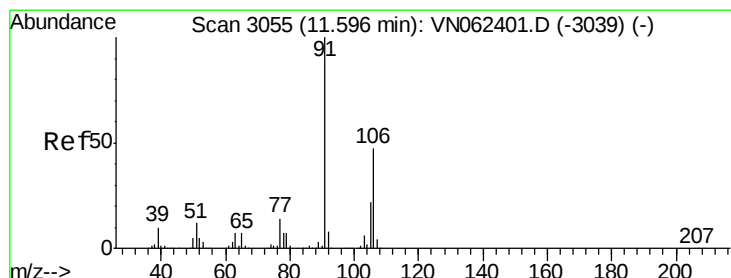
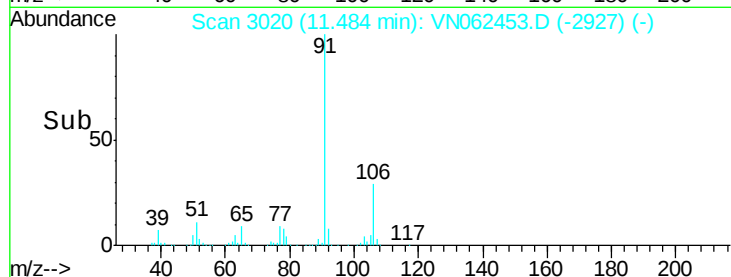
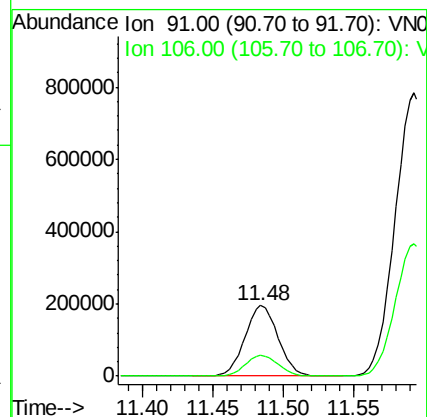
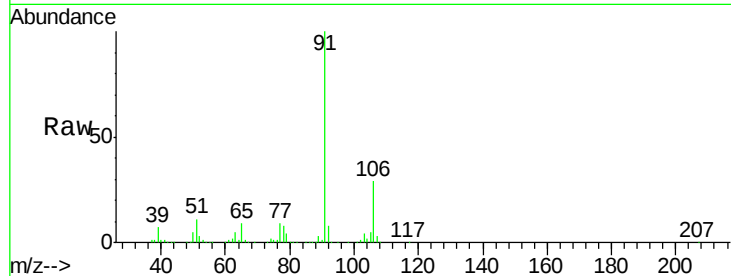
Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 152.036 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062453.D

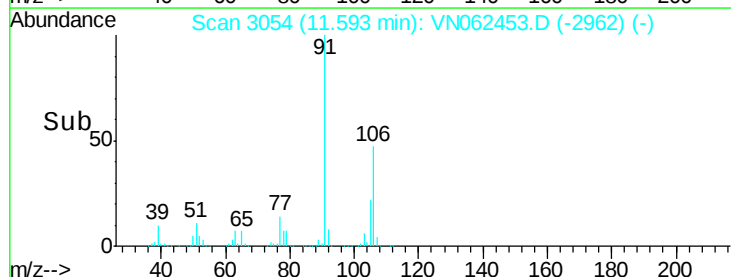
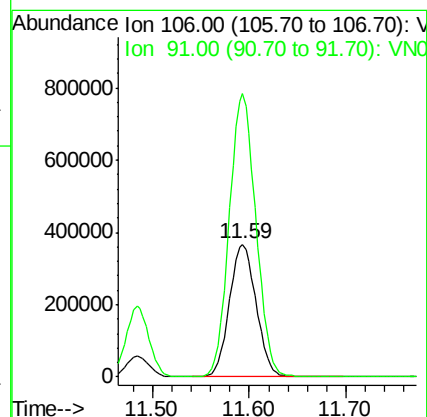
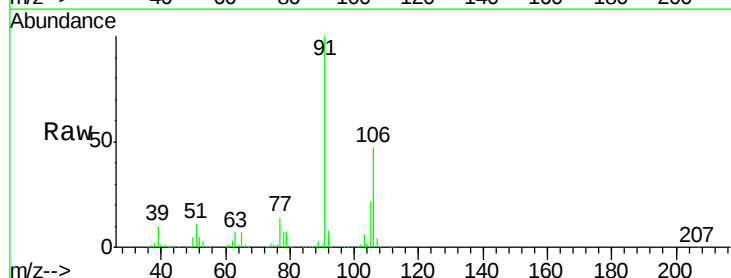
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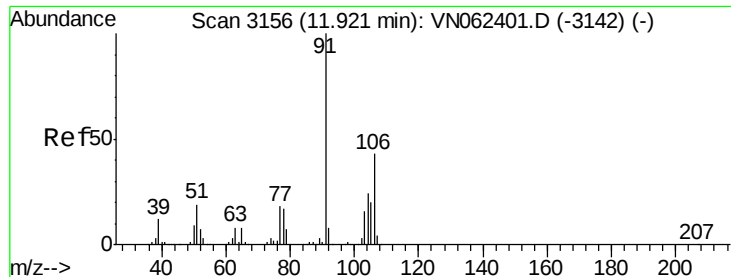
Tgt Ion: 106 Resp: 704694

Ion Ratio Lower Upper

106 100

91 212.1 172.4 258.6





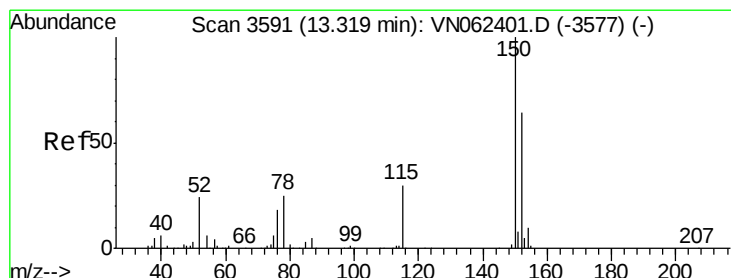
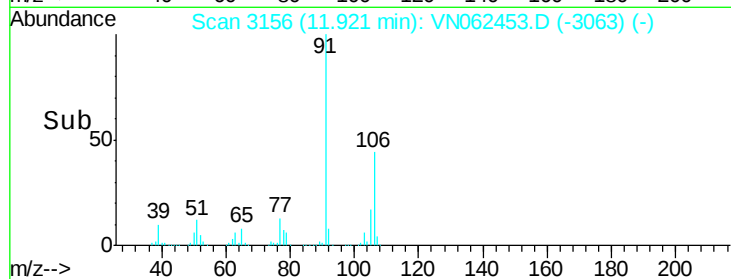
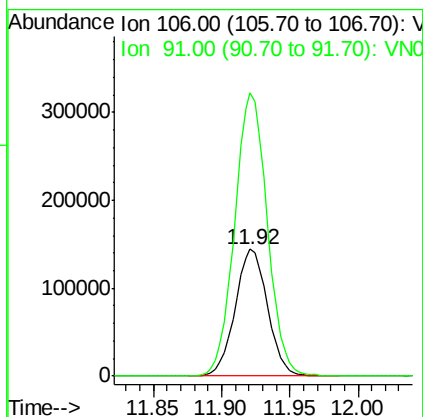
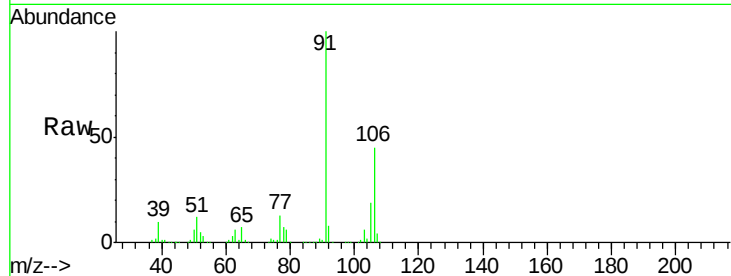
#69
o-Xylene
Concen: 52.547 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Instrument :
MSVOA_N
ClientSampled :
MW-6DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.0	113.8	341.4

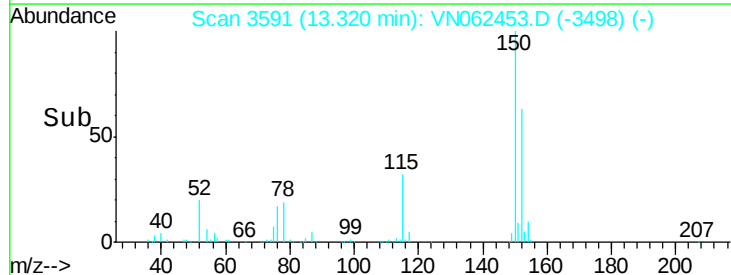
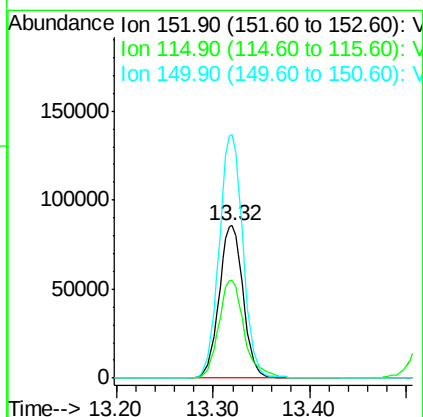
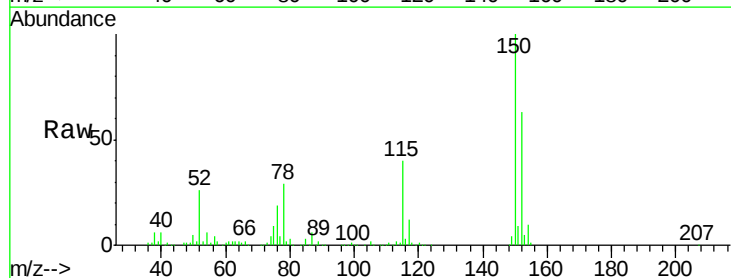
Manual Integrations
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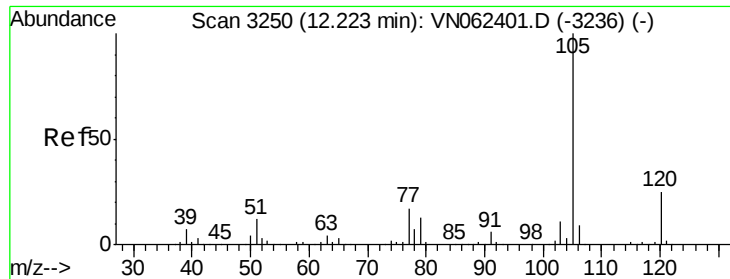
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	31.4	94.2
150	158.2	0.0	347.4





#73

Isopropylbenzene

Concen: 1.600 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

Tot Ion: 105 Resp: 18243

Ion Ratio Lower Upper

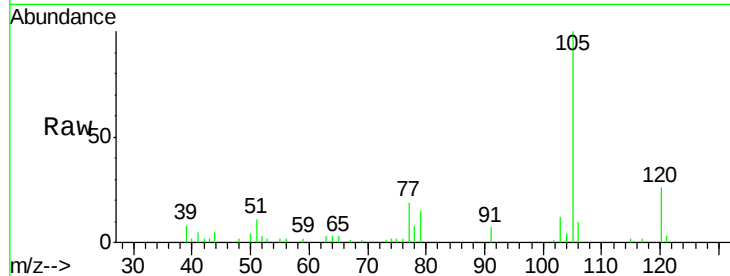
105 100

120 24.8 12.7 38.1

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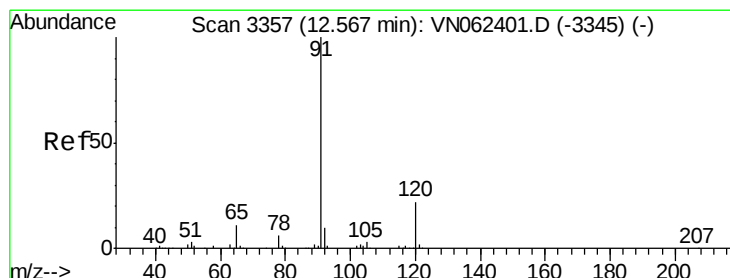
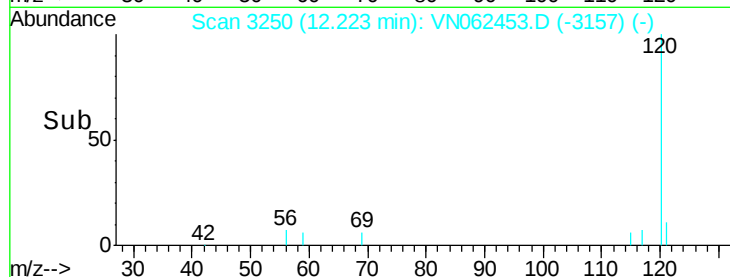
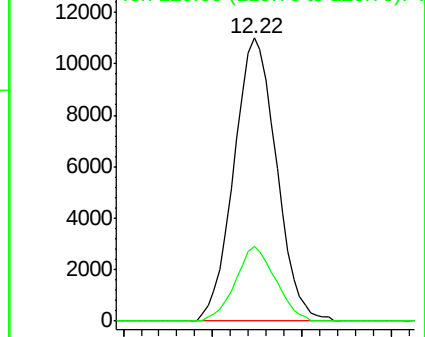
MMDadoda

7/10/2020 9:23:56 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.119 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062453.D

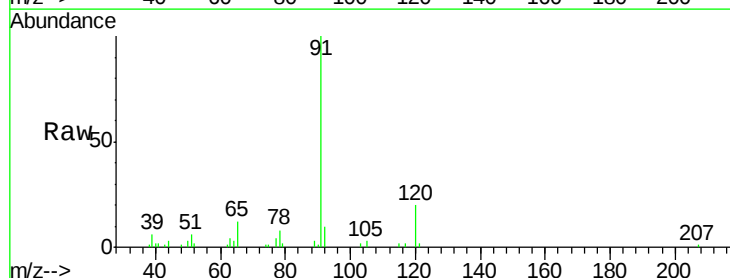
Acq: 9 Jul 2020 13:29

Tgt Ion: 91 Resp: 28226

Ion Ratio Lower Upper

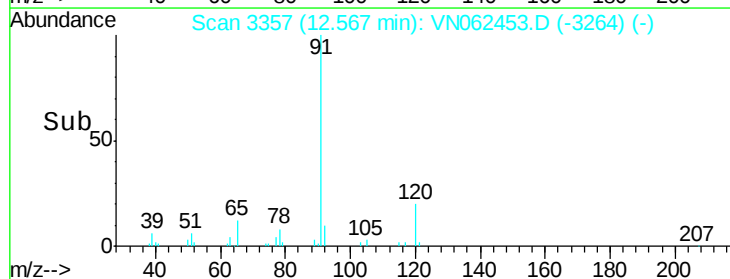
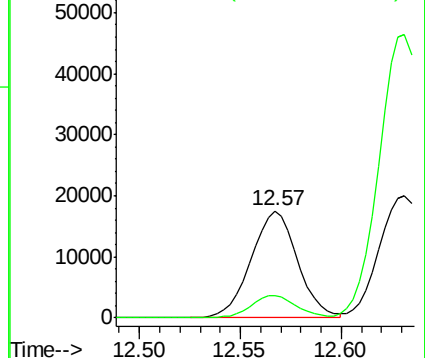
91 100

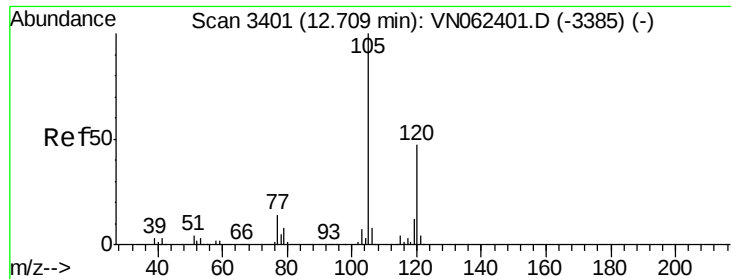
120 20.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





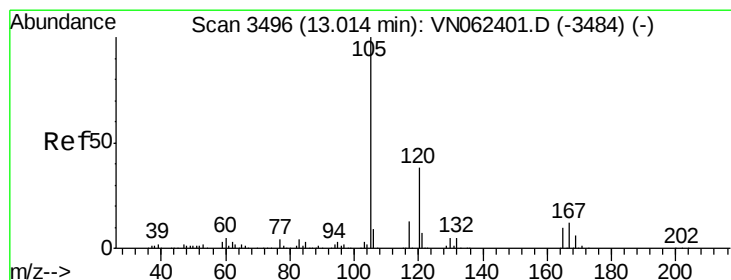
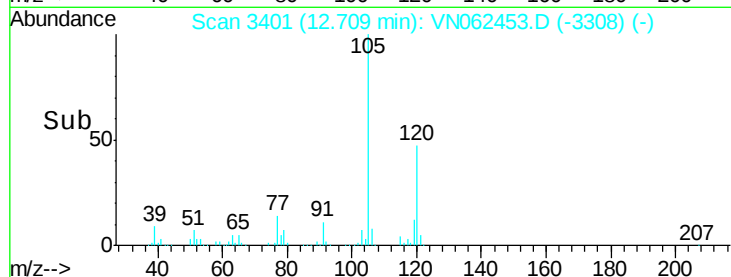
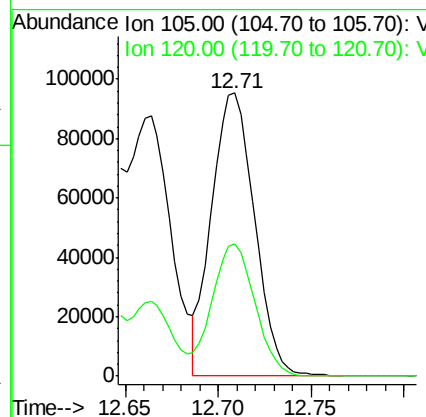
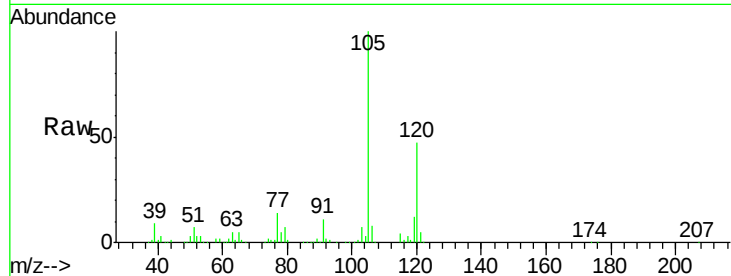
#80
 1,3,5-Trimethylbenzene
 Concen: 16.297 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6DL

Tot Ion:105 Resp: 152336
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.2

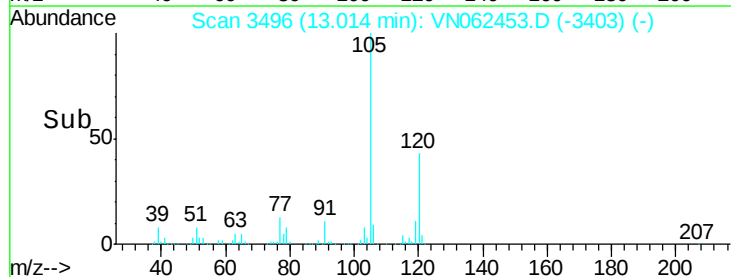
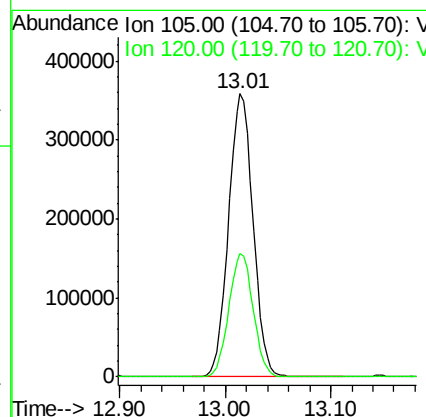
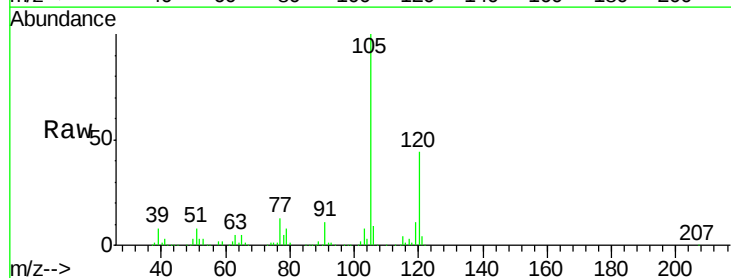
Manual Integrations
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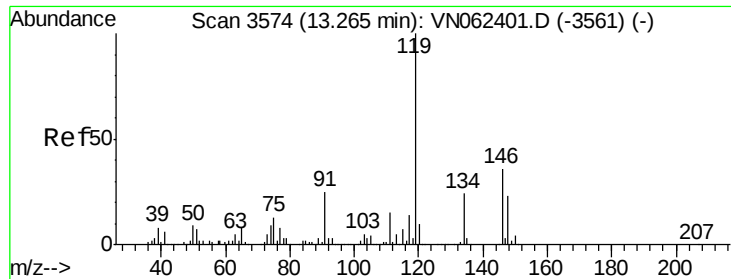
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#84
 1,2,4-Trimethylbenzene
 Concen: 61.787 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion:105 Resp: 574086
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.6 64.8





#86

p-Isopropyltoluene

Concen: 0.293 ug/l m

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

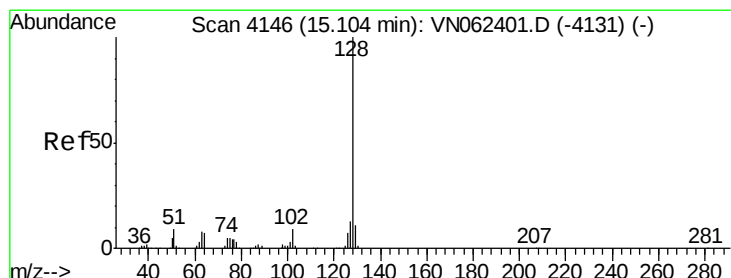
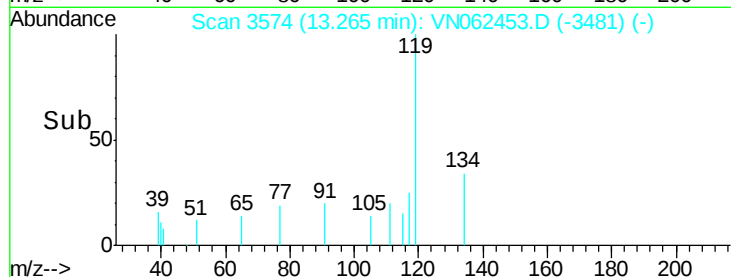
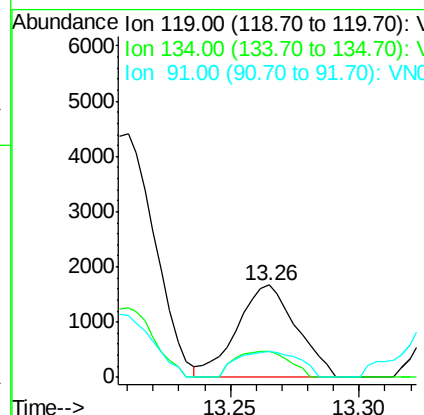
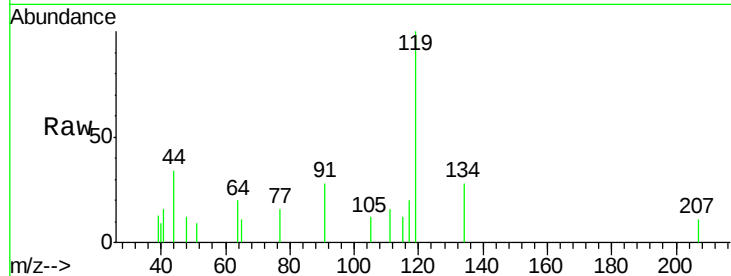
ClientSampled :

MW-6DL

Tot Ion:	119	Resp:	2661
Ion Ratio	Lower	Upper	
119	100		
134	70.8	12.4	37.0#
91	68.5	12.4	37.4#

Manual Integrations
APPROVED

MMDadoda
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#95

Naphthalene

Concen: 13.441 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Tgt Ion:	128	Resp:	70273
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.2	15.2
129	10.4	8.6	12.8

