

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060884.D
 Acq On : 7 Apr 2020 17:57
 Operator : JC/MD
 Sample : L2178-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 9:39:03 AM

Quant Time: Apr 08 08:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124937	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	7.57	113	96643	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	400432	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	148187	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1124	0.317	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	6057	2.351	ug/l	86
30) Chloroform	7.34	83	3556	0.861	ug/l	93
40) Benzene	8.02	78	7884	0.829	ug/l	96
67) Ethyl Benzene	11.50	91	14566	1.314	ug/l	96
73) Isopropylbenzene	12.25	105	18991	1.839	ug/l	99
78) n-propylbenzene	12.59	91	18580	1.522	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4321	0.498	ug/l	97
85) sec-Butylbenzene	13.17	105	8666	0.887	ug/l	85
89) n-Butylbenzene	13.61	91	5430m	0.684	ug/l	
95) Naphthalene	15.13	128	13239	1.708	ug/l #	96

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

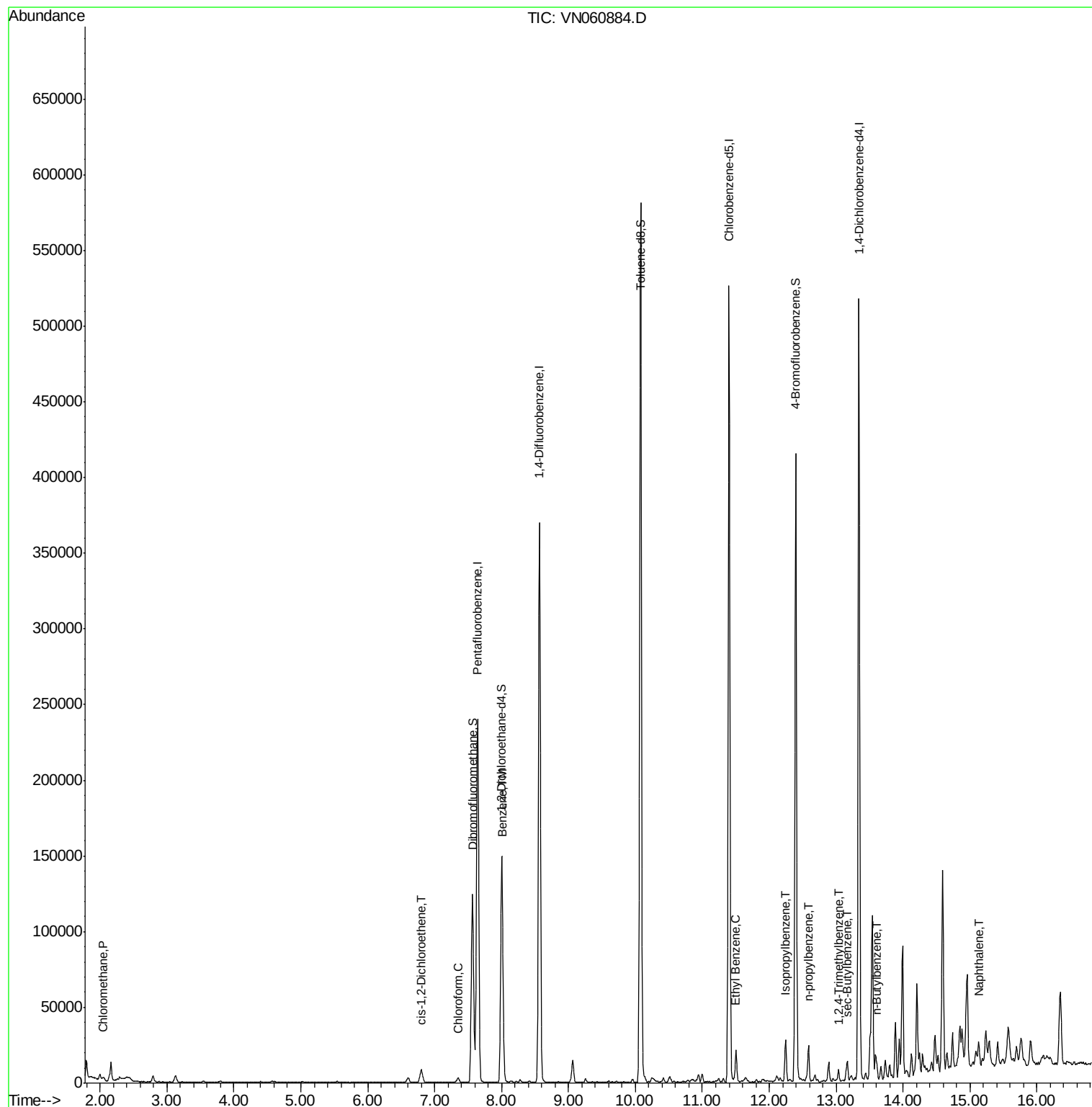
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040720\
Data File : VN060884.D
Acq On : 7 Apr 2020 17:57
Operator : JC/MD
Sample : L2178-05
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ALS Vial : 18 Sample Multiplier: 1

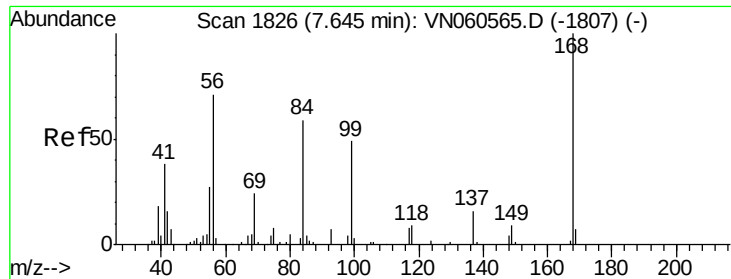
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Manual Integrations
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MMDadoda
4/8/2020 9:39:03 AM

Quant Time: Apr 08 08:33:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Instrument :

MSVOA_N

ClientSampled :

MW-1A

Tot Ion:168 Resp: 196480

Ion Ratio Lower Upper

168 100

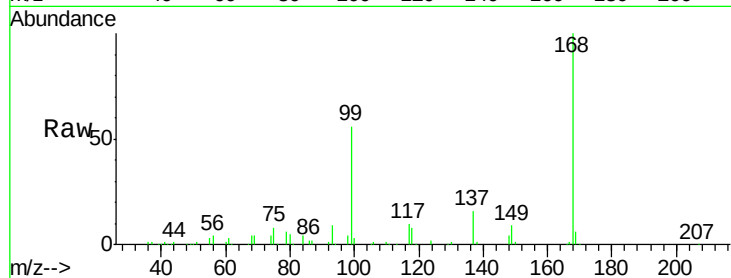
99 55.7 44.0 66.0

Manual Integrations

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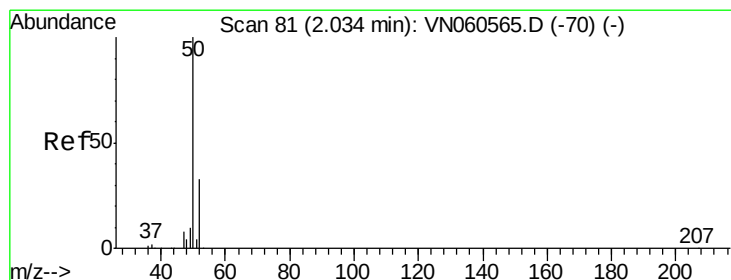
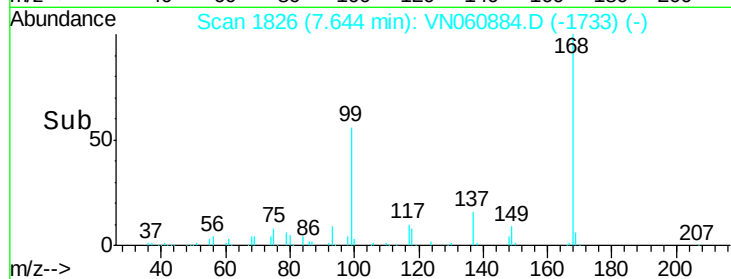
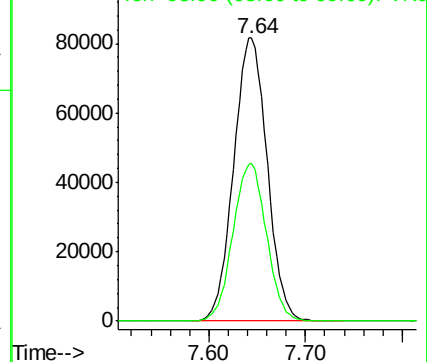
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.317 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: VN060884.D

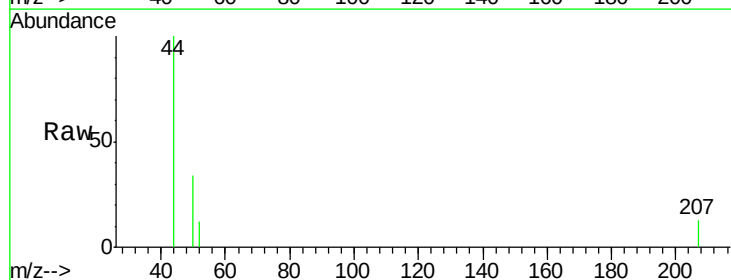
Acq: 7 Apr 2020 17:57

Tgt Ion: 50 Resp: 1124

Ion Ratio Lower Upper

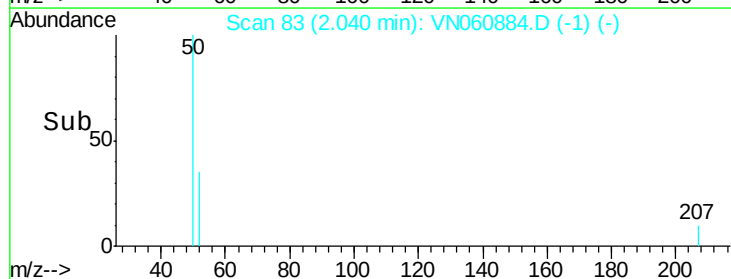
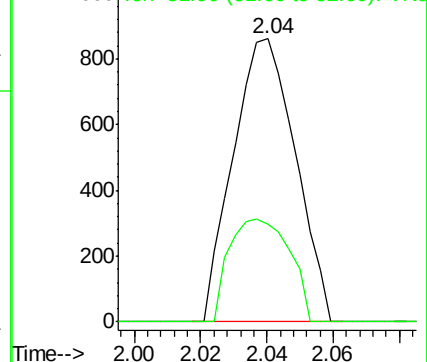
50 100

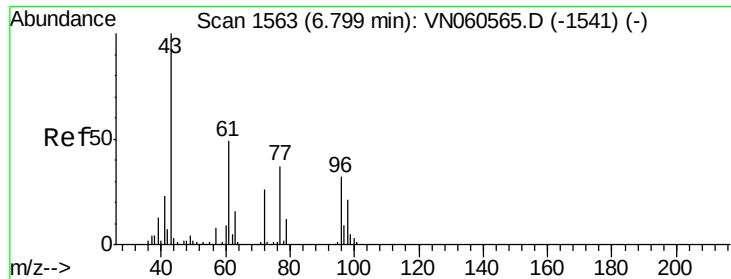
52 34.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 2.351 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Instrument :

MSVOA_N

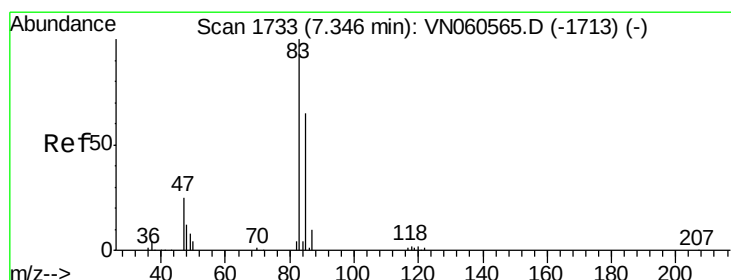
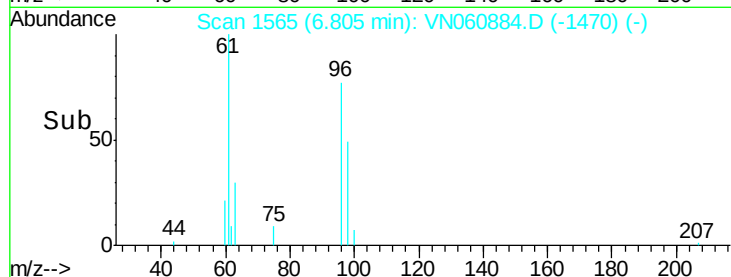
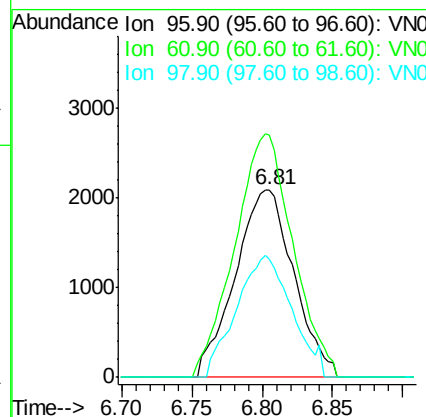
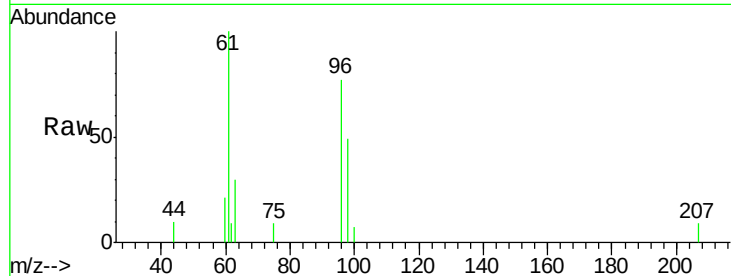
ClientSampled :

MW-1A

Tot Ion:	96	Resp:	6057
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	305.6
98	61.3	0.0	127.6

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#30

Chloroform

Concen: 0.861 ug/l

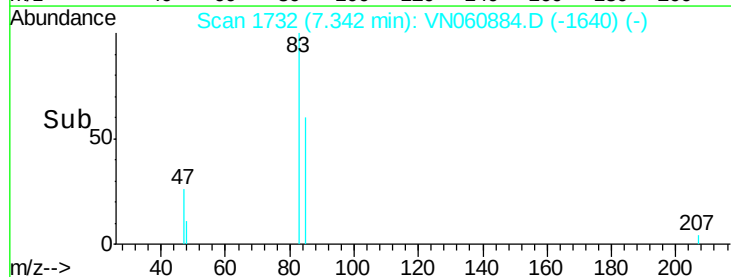
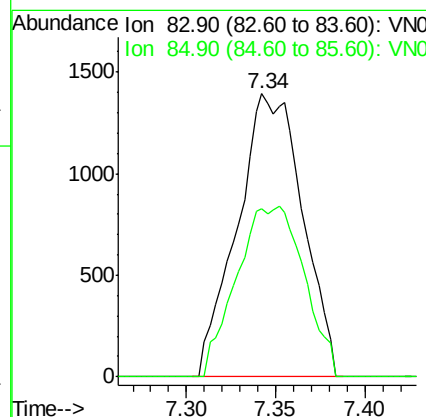
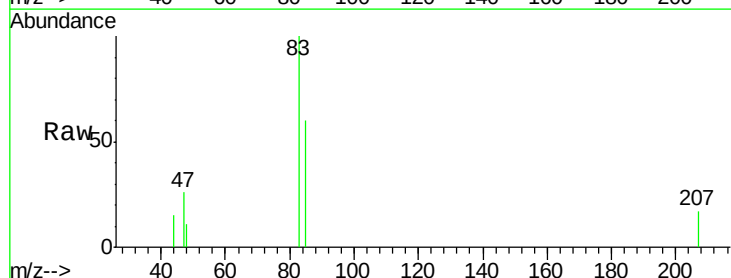
RT: 7.34 min Scan# 1732

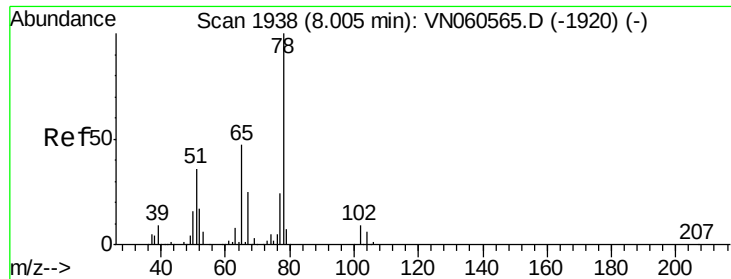
Delta R.T. -0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Tgt Ion:	83	Resp:	3556
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.8	77.8





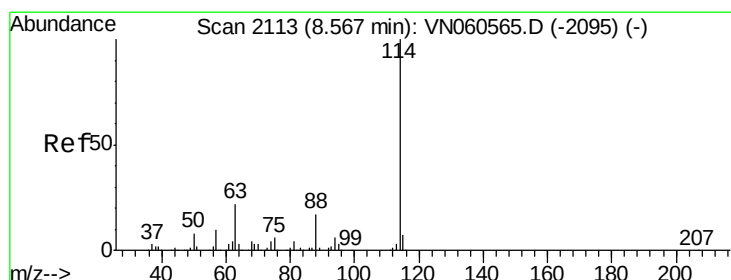
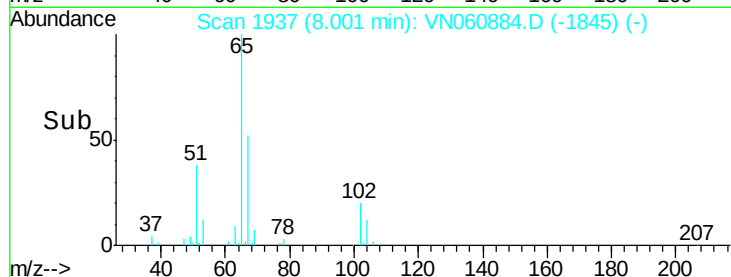
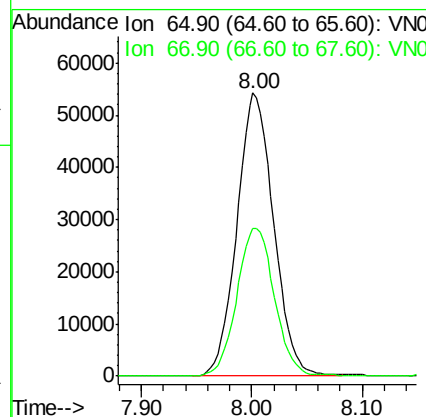
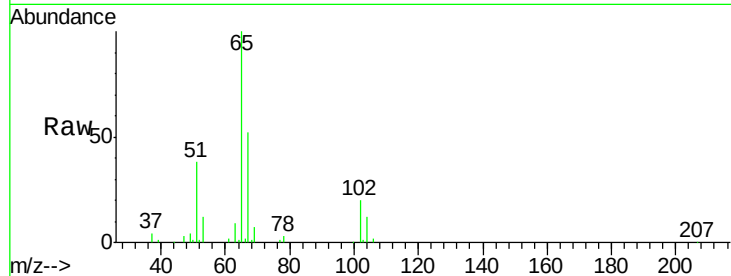
#33
 1,2-Dichloroethane-d4
 Concen: 46.321 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060884.D
 Acq: 7 Apr 2020 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	107.6	

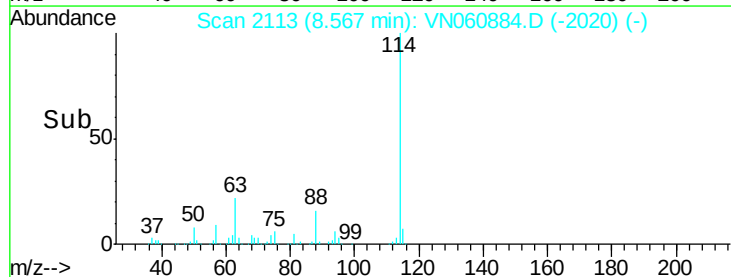
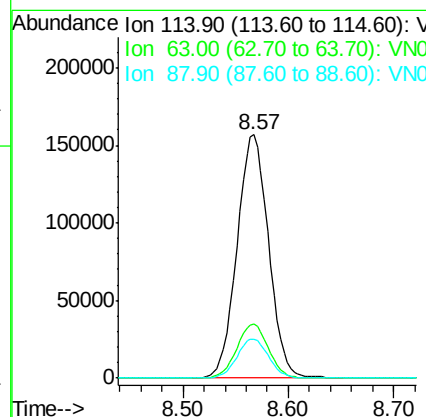
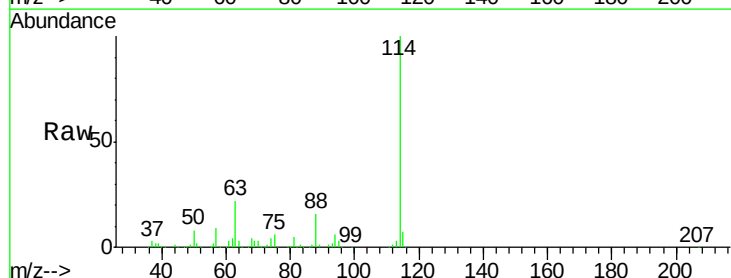
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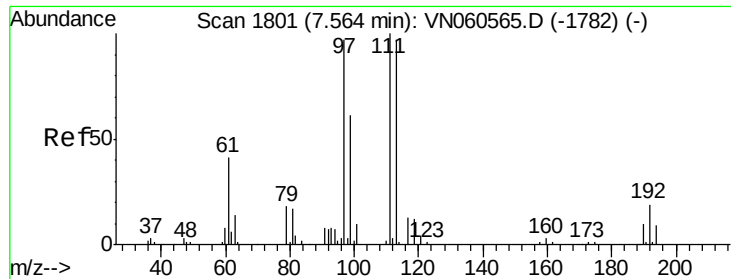
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060884.D
 Acq: 7 Apr 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	43.8	
88	16.0	0.0	33.0	





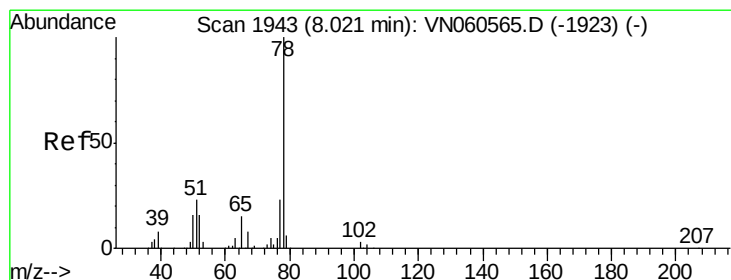
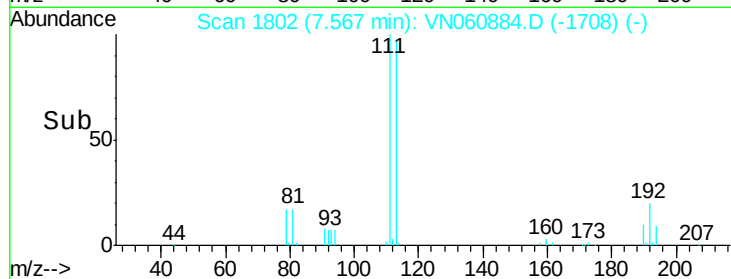
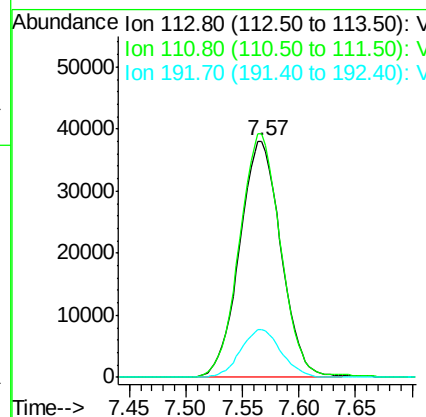
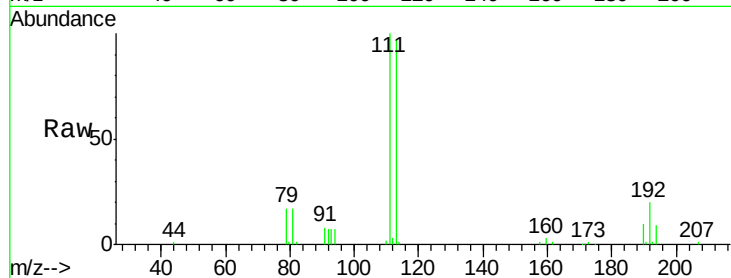
#35
 Dibromofluoromethane
 Concen: 49.106 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060884.D
 Acq: 7 Apr 2020 17:57

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1A

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.8	15.8	23.8

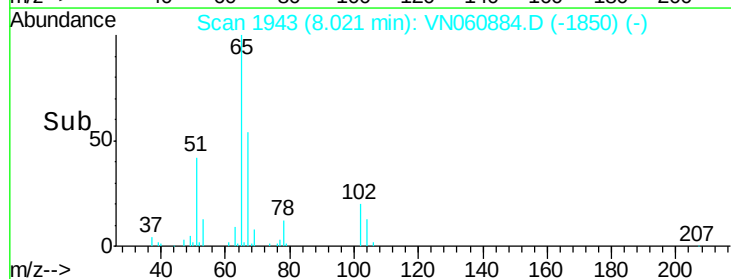
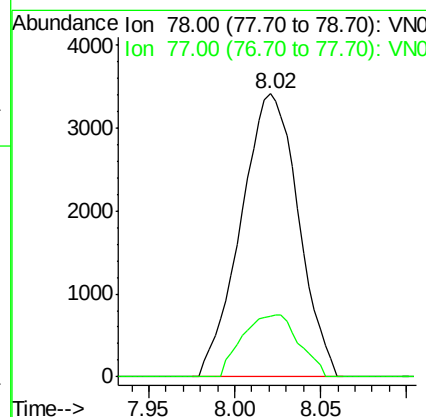
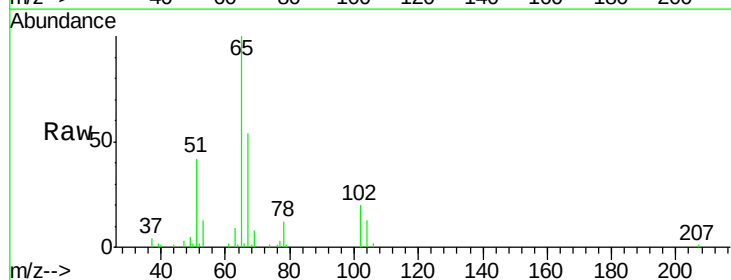
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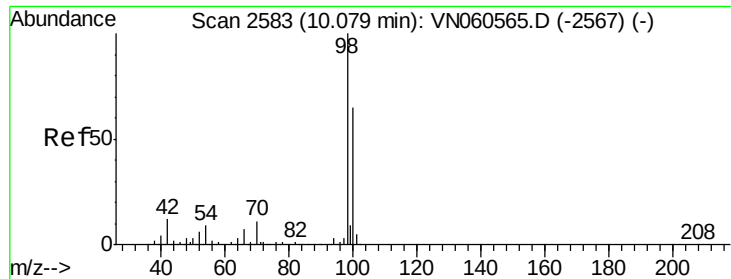
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#40
 Benzene
 Concen: 0.829 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN060884.D
 Acq: 7 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.6	28.0





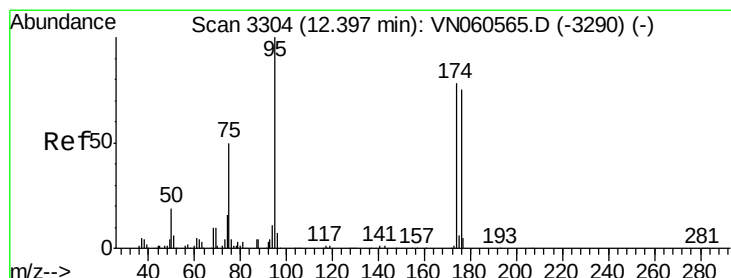
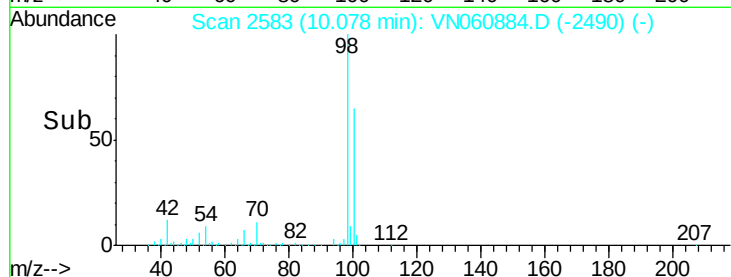
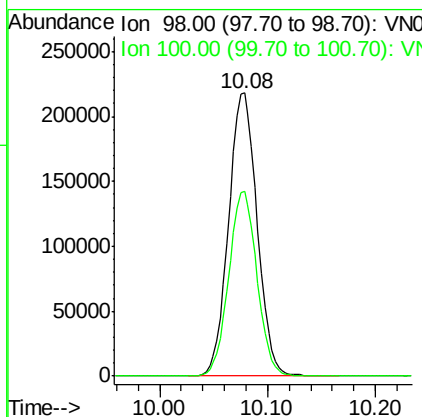
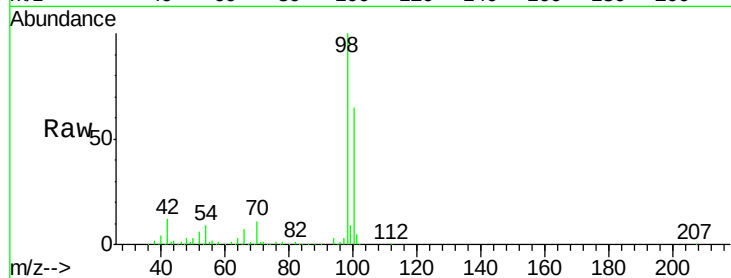
#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060884.D
Acq: 7 Apr 2020 17:57

Instrument :
MSVOA_N
ClientSampled :
MW-1A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		400432		
100	64.6	51.8	77.8		

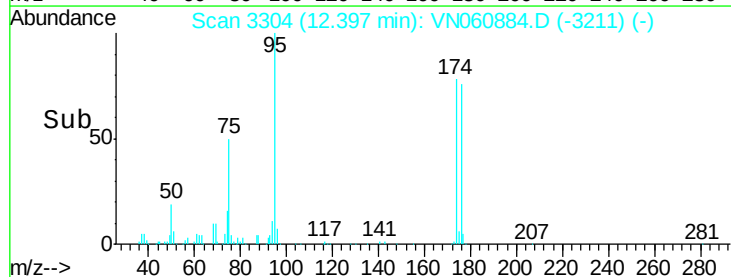
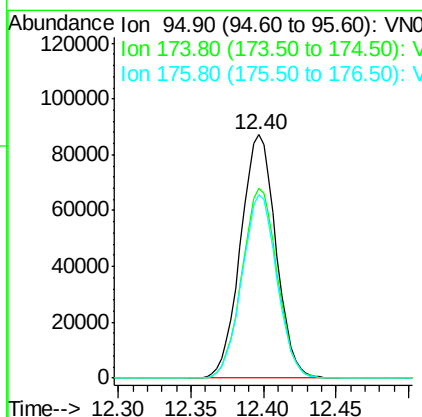
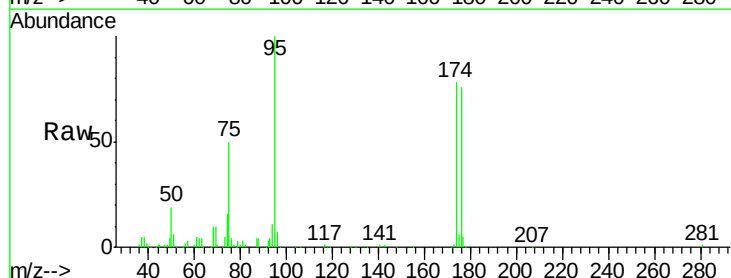
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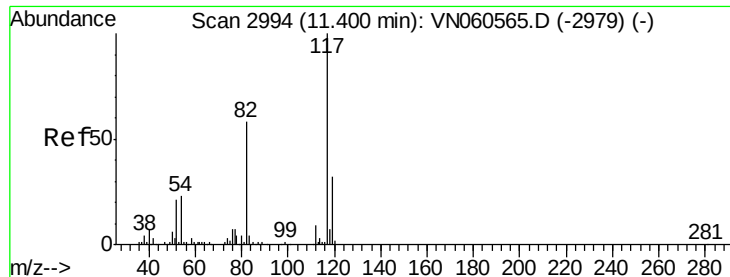
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4/8/2020 9:39:03 AM



#62
4-Bromofluorobenzene
Concen: 50.300 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060884.D
Acq: 7 Apr 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		148187		
174	77.8	0.0	157.6		
176	74.5	0.0	150.6		





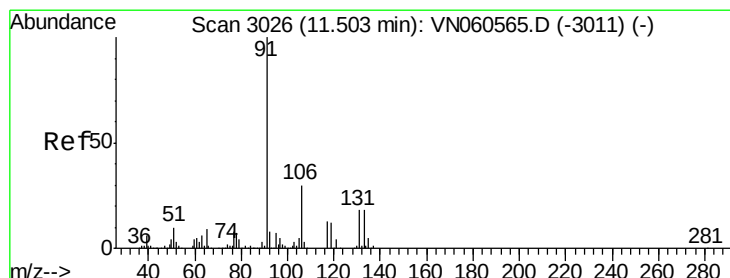
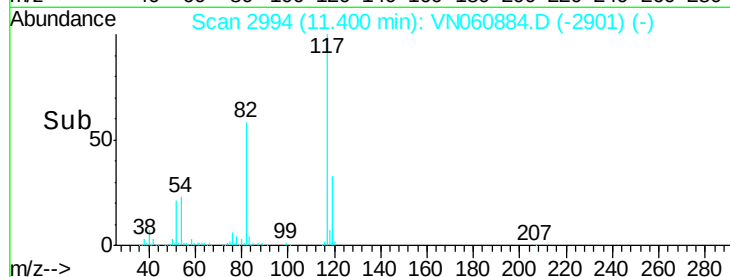
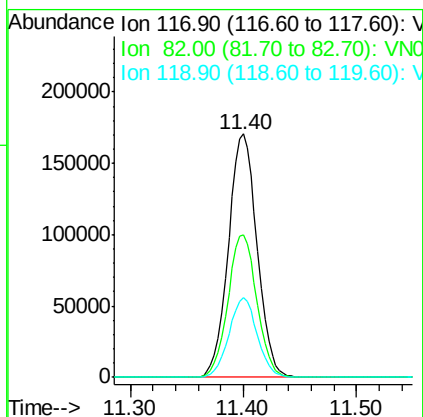
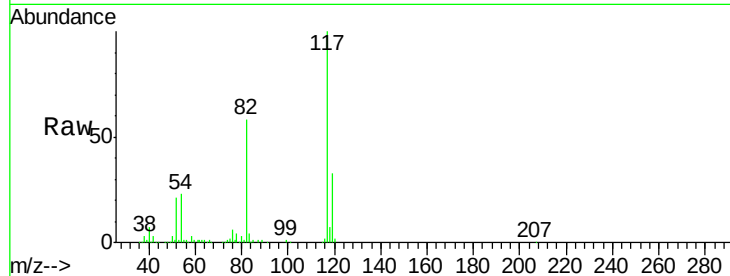
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060884.D
Acq: 7 Apr 2020 17:57

Instrument :
MSVOA_N
ClientSampled :
MW-1A

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.7	70.1
119	32.7	25.5	38.3

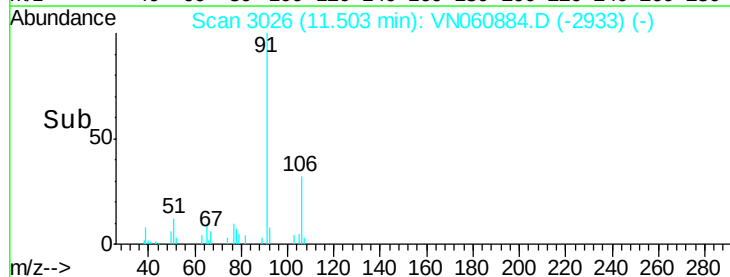
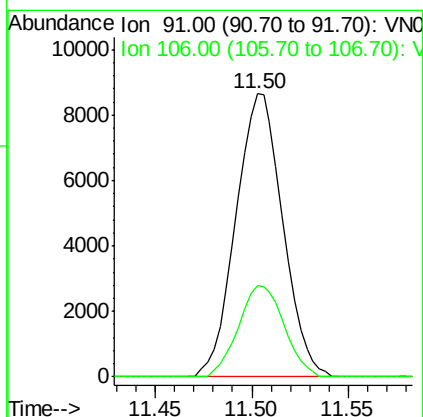
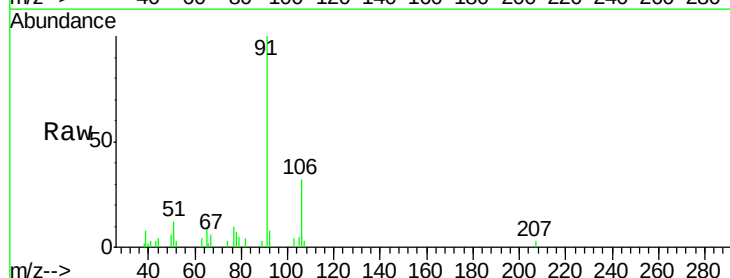
Manual Integrations
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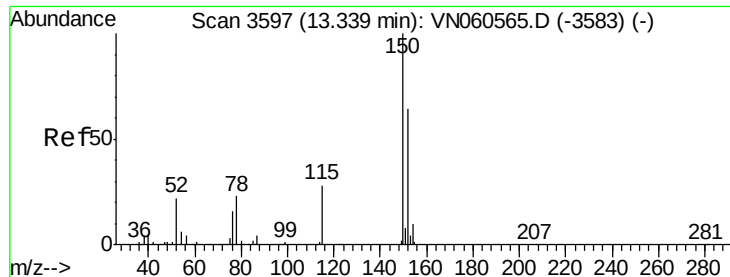
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#67
Ethyl Benzene
Concen: 1.314 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060884.D
Acq: 7 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.2	36.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Instrument :

MSVOA_N

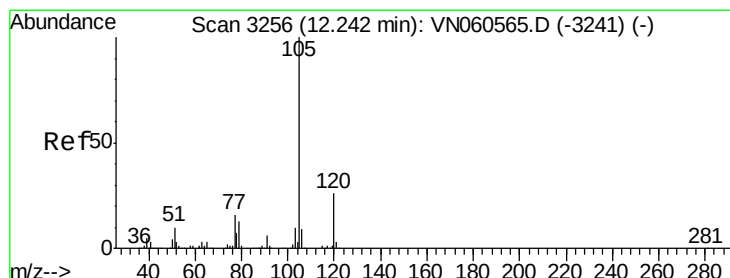
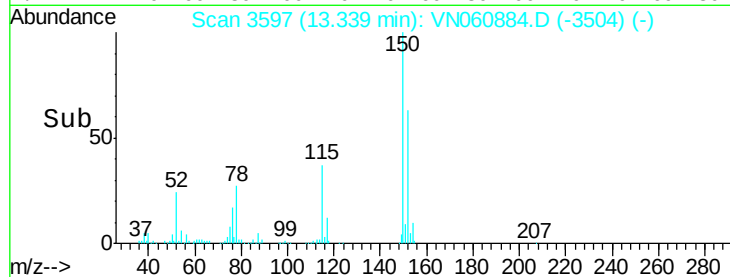
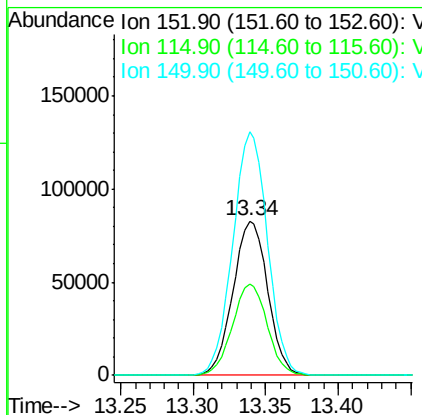
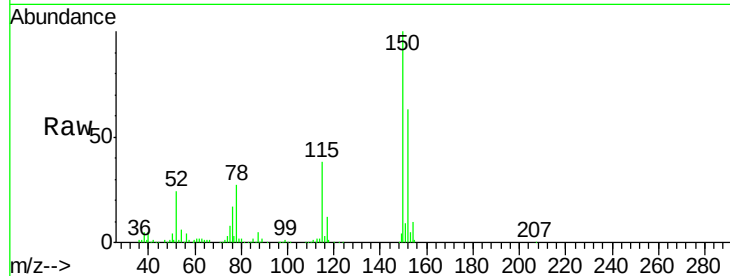
ClientSampleId :

MW-1A

Tot Ion:	152	Resp:	137643
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.2	90.6
150	157.6	0.0	350.2

Manual Integrations
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4/8/2020 9:39:03 AM



#73

Isopropylbenzene

Concen: 1.839 ug/l

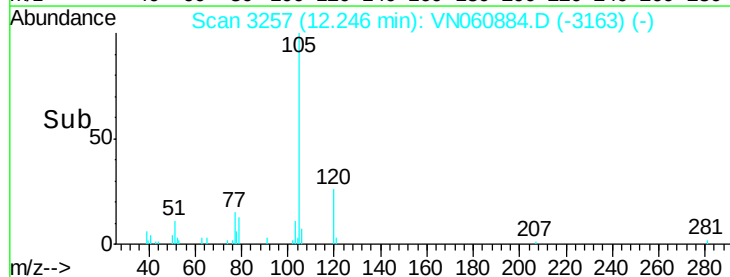
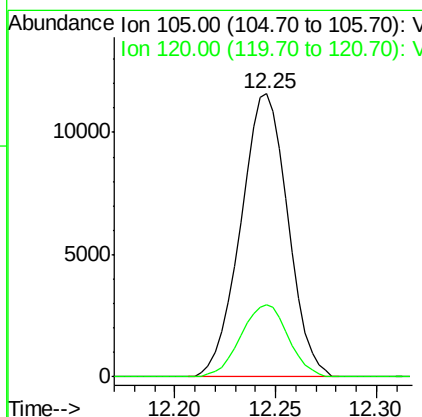
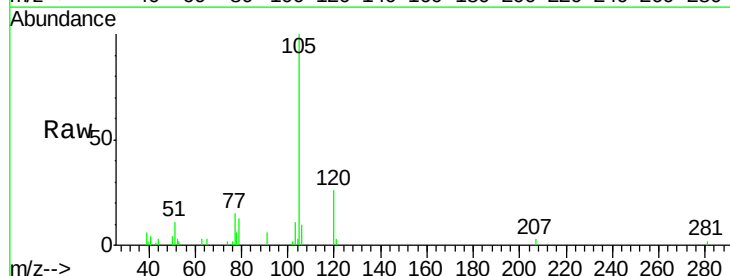
RT: 12.25 min Scan# 3257

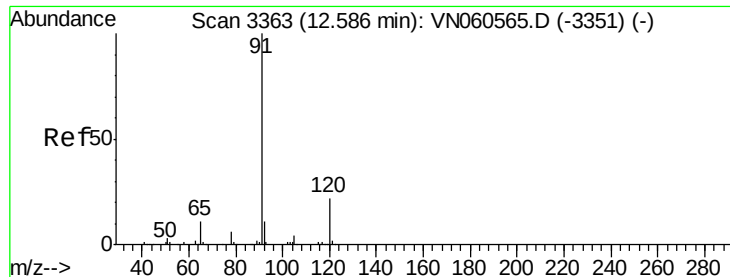
Delta R.T. 0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Tgt Ion:	105	Resp:	18991
Ion Ratio	Lower	Upper	
105	100		
120	25.7	13.1	39.1





#78

n-propylbenzene

Concen: 1.522 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Instrument :

MSVOA_N

ClientSampled :

MW-1A

Tot Ion: 91 Resp: 18580

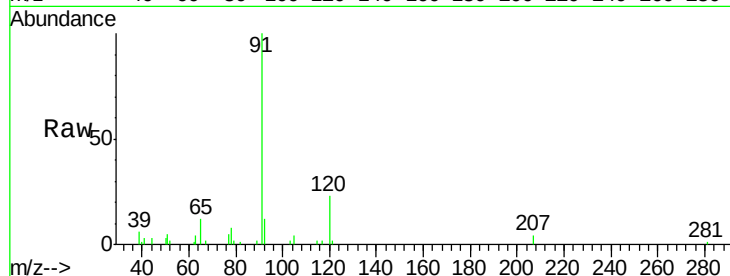
Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8

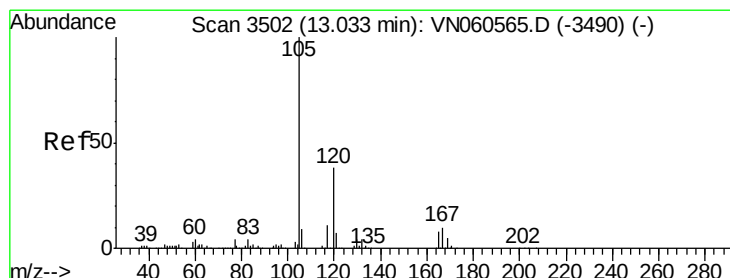
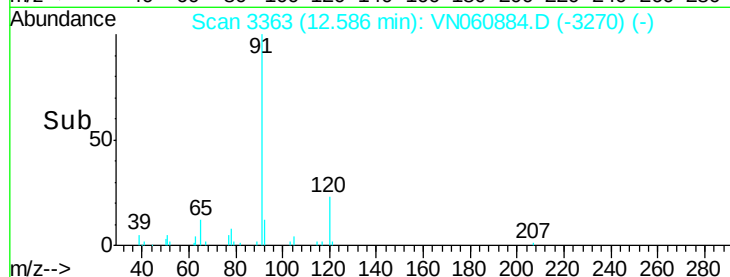
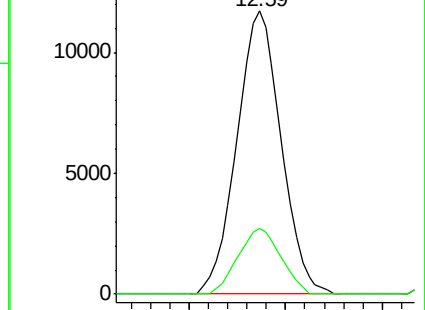
Manual Integrations
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4/8/2020 9:39:03 AM



Abundance Ion 91.00 (90.70 to 91.70): VN060884.D (-3270) (-)

Ion 120.00 (119.70 to 120.70): VN060884.D (-3270) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.498 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060884.D

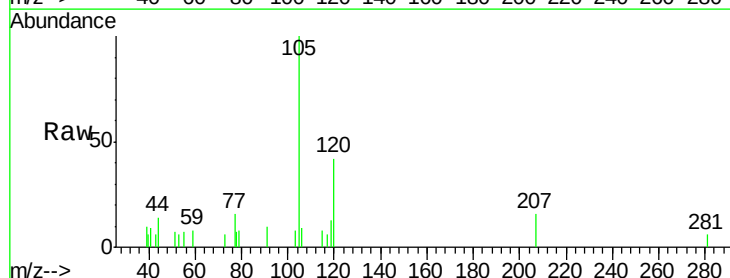
Acq: 7 Apr 2020 17:57

Tgt Ion: 105 Resp: 4321

Ion Ratio Lower Upper

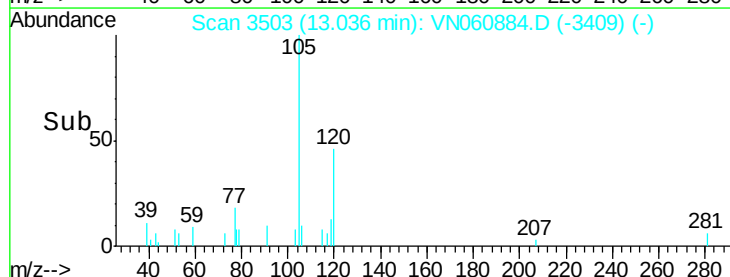
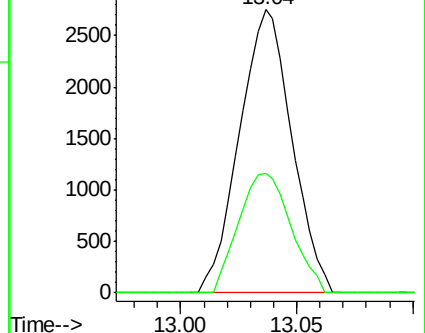
105 100

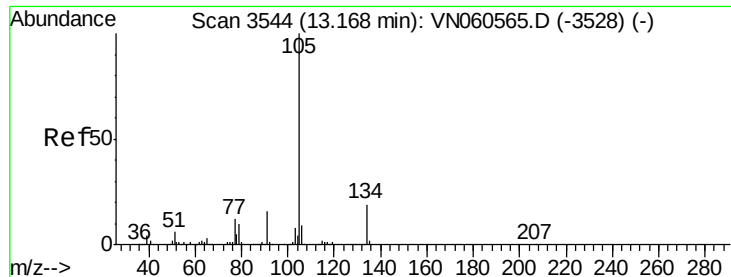
120 42.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN060884.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN060884.D (-3409) (-)





#85

sec-Butylbenzene

Concen: 0.887 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

Instrument :

MSVOA_N

ClientSampled :

MW-1A

Tot Ion: 105 Resp: 8666

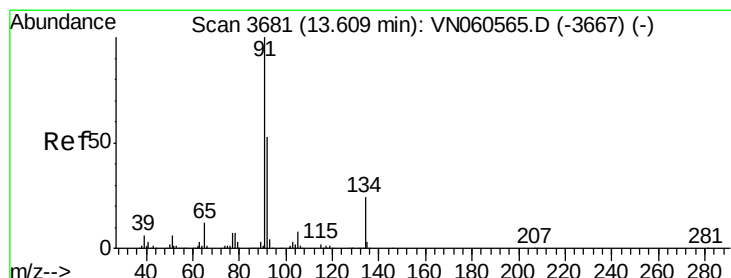
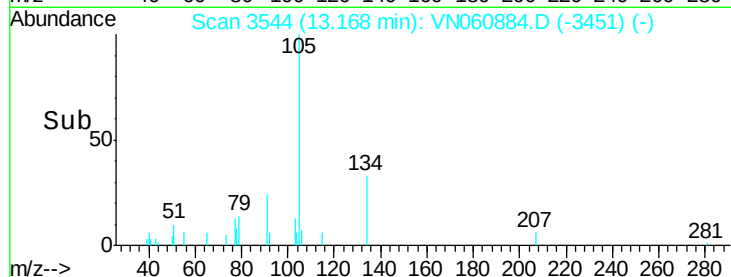
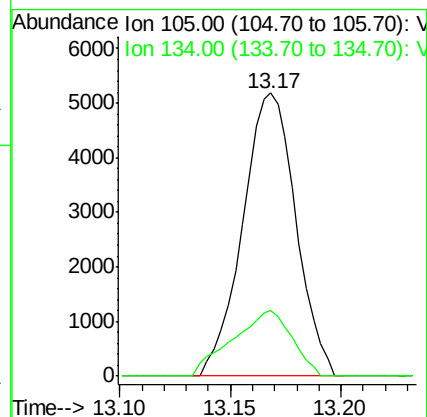
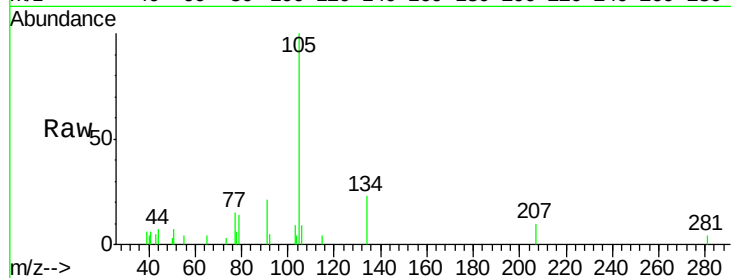
Ion Ratio Lower Upper

105 100

134 25.8 9.6 28.8

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#89

n-Butylbenzene

Concen: 0.684 ug/l m

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060884.D

Acq: 7 Apr 2020 17:57

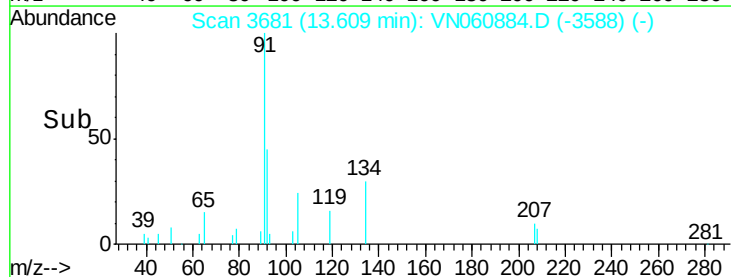
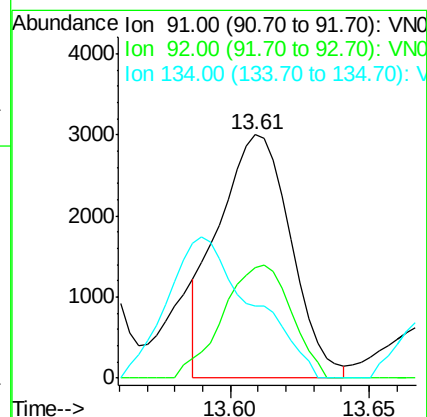
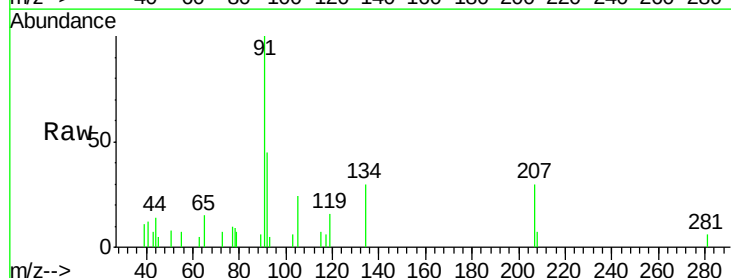
Tgt Ion: 91 Resp: 5430

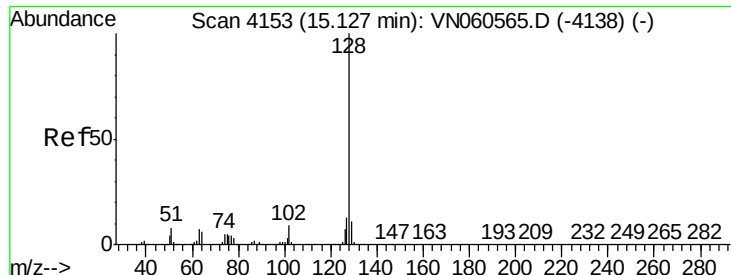
Ion Ratio Lower Upper

91 100

92 43.8 26.2 78.5

134 0.0 12.3 36.9#





#95
Naphthalene
Concen: 1.708 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060884.D
Acq: 7 Apr 2020 17:57

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	10.2	15.2
129	14.4	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/8/2020 9:39:03 AM

