

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061307.D
 Acq On : 6 May 2020 14:17
 Operator : JC/MD
 Sample : L2456-01ME
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 207ME

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:36:34 AM

Quant Time: May 07 08:59:06 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	87895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	155635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	68187	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.54	113	40559	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
50) Toluene-d8	10.06	98	190884	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.38	95	81591	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	8873	11.220	ug/l	97
39) Methylcyclohexane	9.04	83	12136	6.946	ug/l	92
52) Toluene	10.12	92	1113083	398.130	ug/l	98
67) Ethyl Benzene	11.48	91	58351	10.544	ug/l	100
68) m/p-Xylenes	11.59	106	84746	41.838	ug/l	96
69) o-Xylene	11.92	106	45036	23.147	ug/l	95
73) Isopropylbenzene	12.22	105	31815	5.240	ug/l	98
78) n-propylbenzene	12.57	91	158039	21.943	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	145810	29.013	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	585522	113.084	ug/l	99
85) sec-Butylbenzene	13.15	105	62648	10.843	ug/l	89
86) p-Isopropyltoluene	13.26	119	35936	6.904	ug/l	99
89) n-Butylbenzene	13.59	91	110637m	23.184	ug/l	
95) Naphthalene	15.11	128	46282	9.432	ug/l	96

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

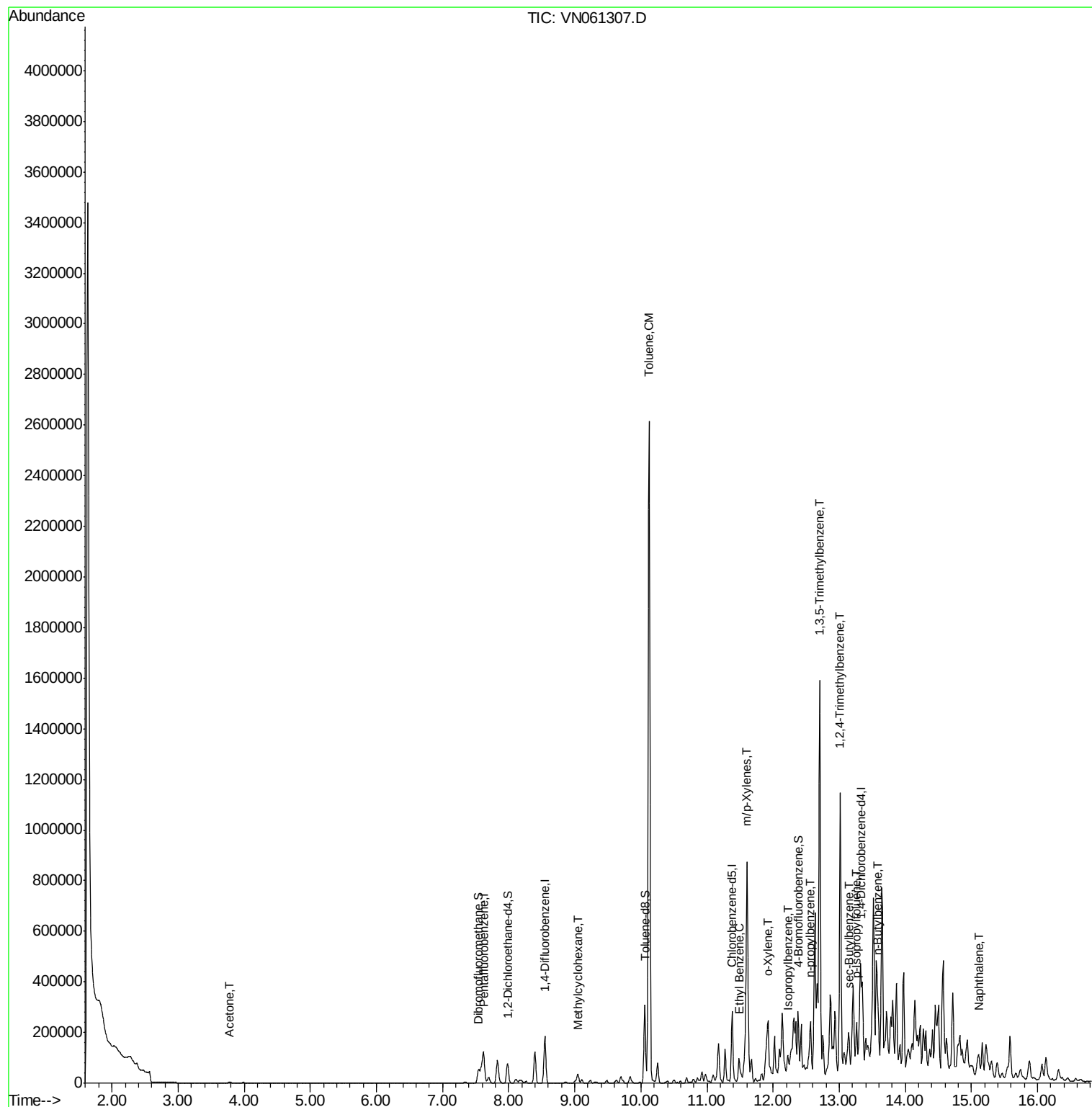
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
Data File : VN061307.D
Acq On : 6 May 2020 14:17
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ALS Vial : 7 Sample Multiplier: 1

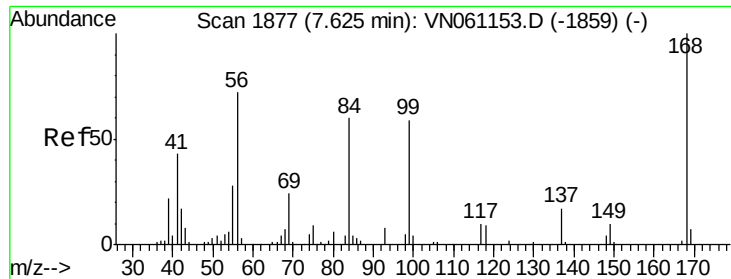
Instrument :
MSVOA_N
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Quant Time: May 07 08:59:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

207ME

Tot Ion:168 Resp: 87895

Ion Ratio Lower Upper

168 100

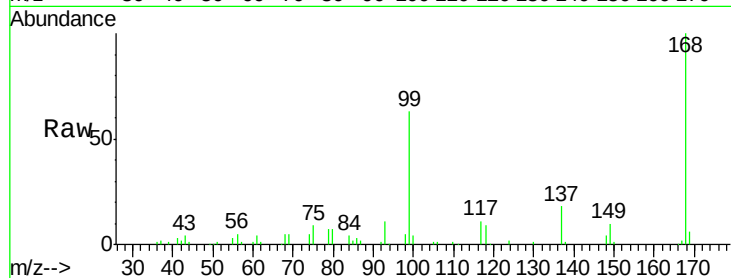
99 62.7 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

40000

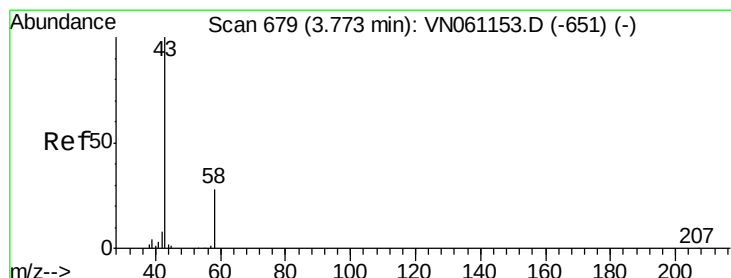
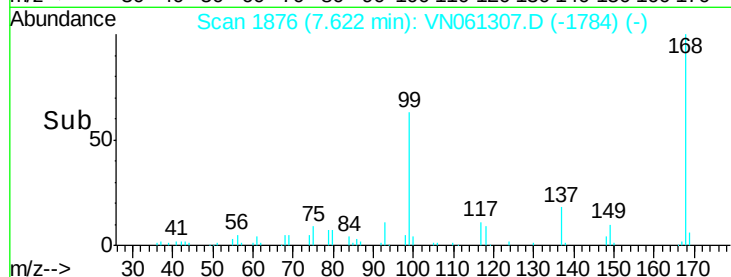
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 11.220 ug/l

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061307.D

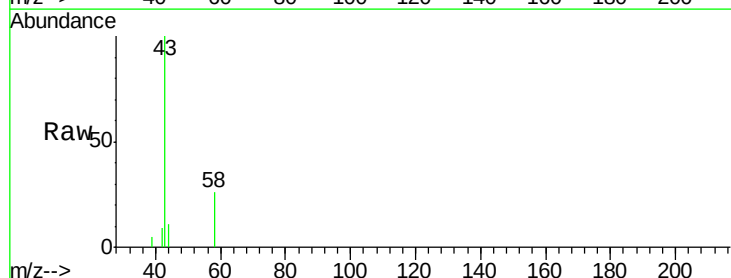
Acq: 6 May 2020 14:17

Tgt Ion: 43 Resp: 8873

Ion Ratio Lower Upper

43 100

58 26.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

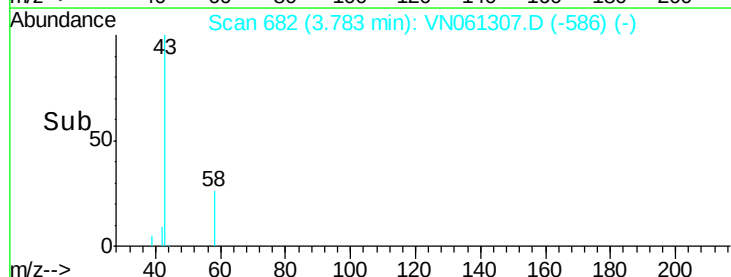
3000

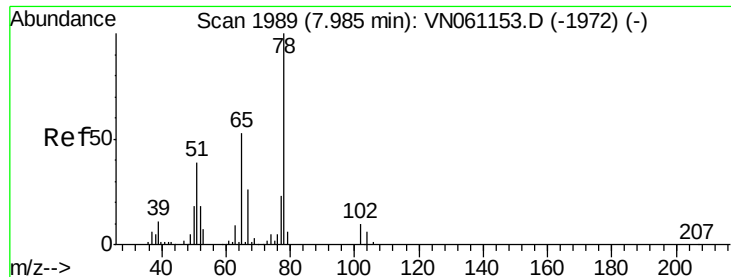
2000

1000

0

Time-->





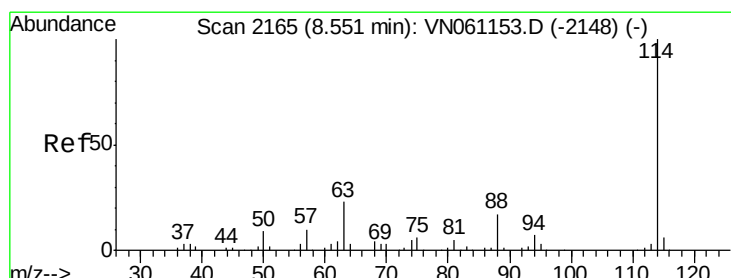
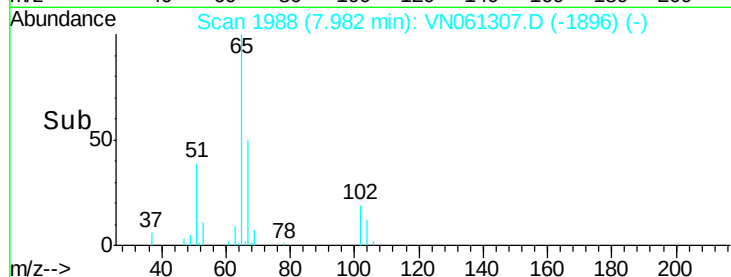
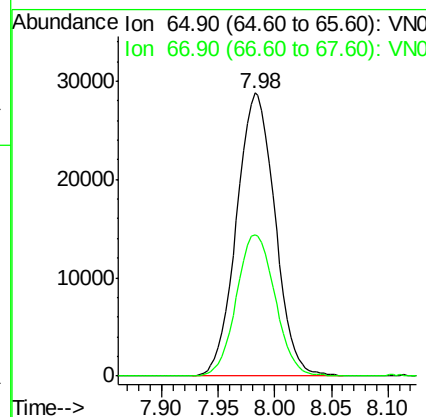
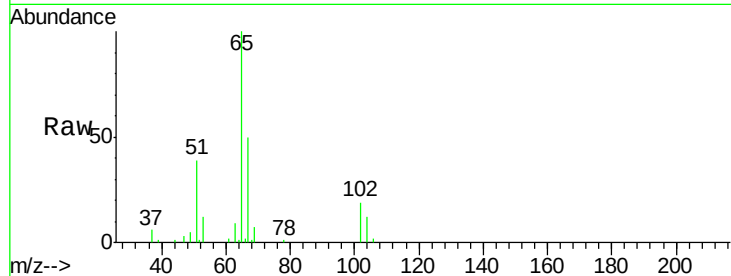
#33
 1,2-Dichloroethane-d4
 Concen: 49.028 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 207ME

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.6

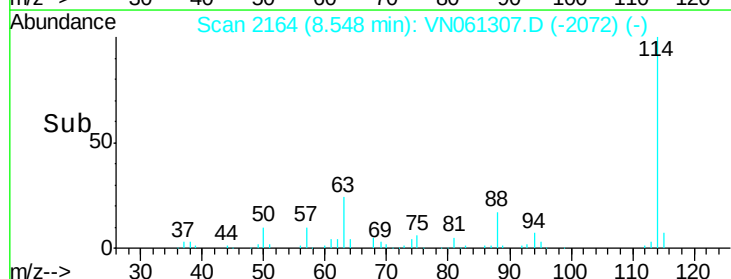
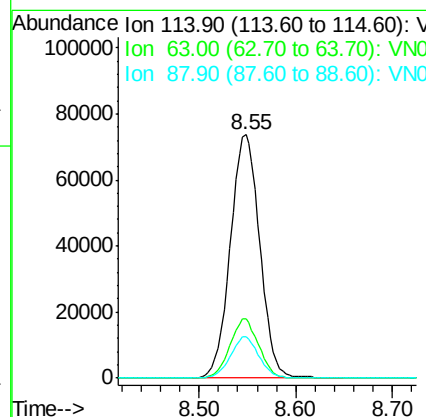
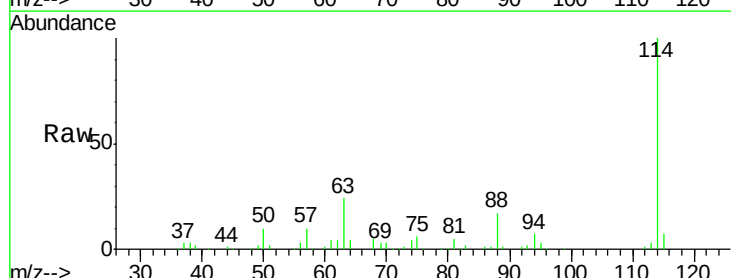
Manual Integrations
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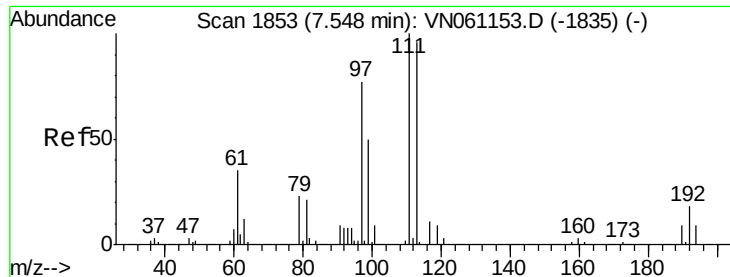
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 5/7/2020 10:36:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.6
88	17.0	0.0	33.4





#35

Dibromofluoromethane

Concen: 44.071 ug/l

RT: 7.54 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

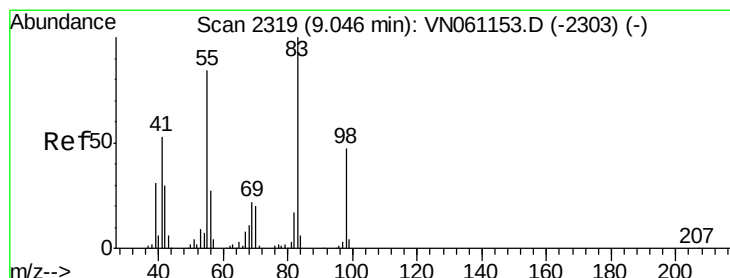
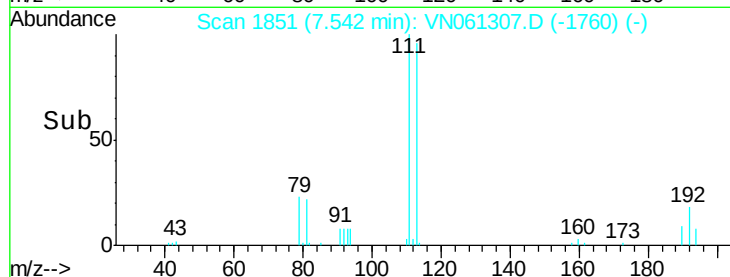
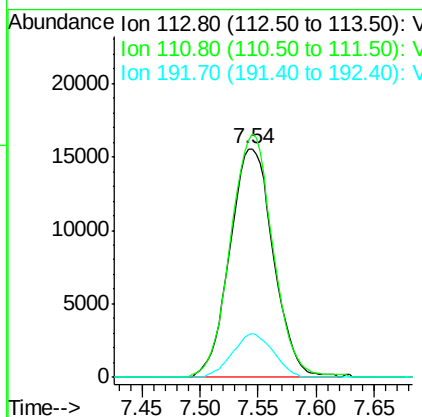
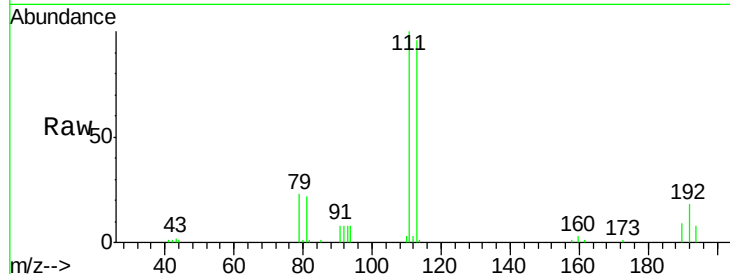
ClientSampleId :

207ME

Tot Ion:	113	Resp:	40559
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.0	14.7	22.1

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#39

Methylcyclohexane

Concen: 6.946 ug/l

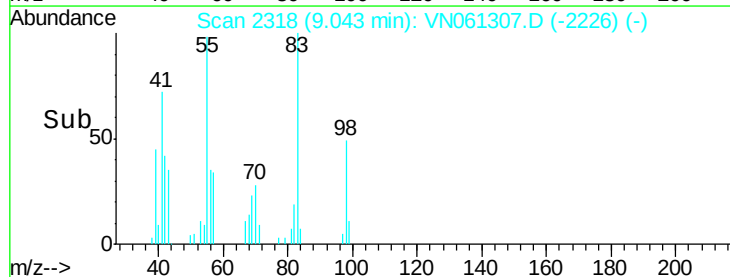
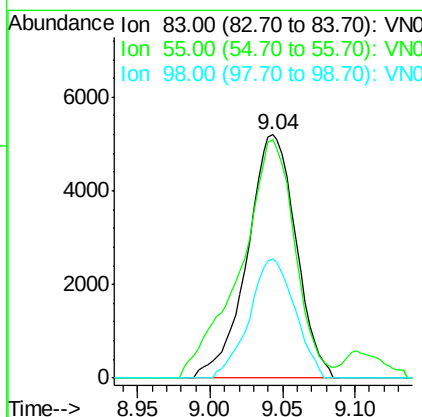
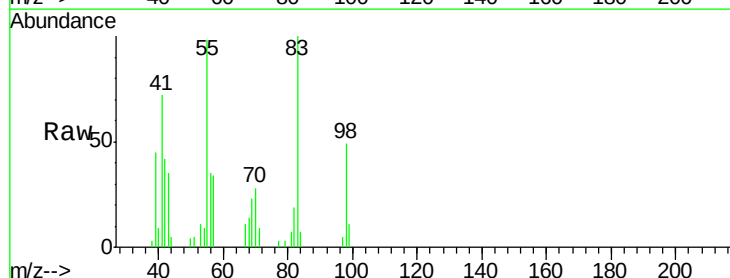
RT: 9.04 min Scan# 2318

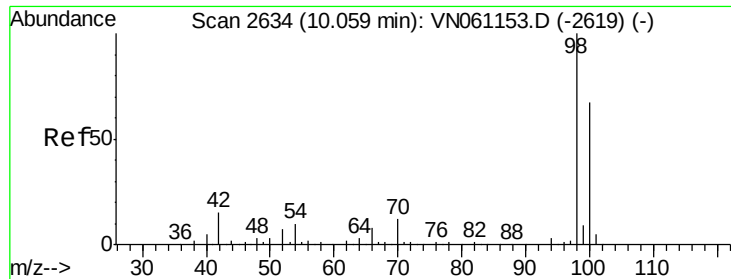
Delta R.T. -0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Tgt Ion:	83	Resp:	12136
Ion	Ratio	Lower	Upper
83	100		
55	93.3	67.3	100.9
98	49.0	37.7	56.5





#50

Toluene-d8

Concen: 50.880 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

207ME

Tot Ion: 98 Resp: 190884

Ion Ratio Lower Upper

98 100

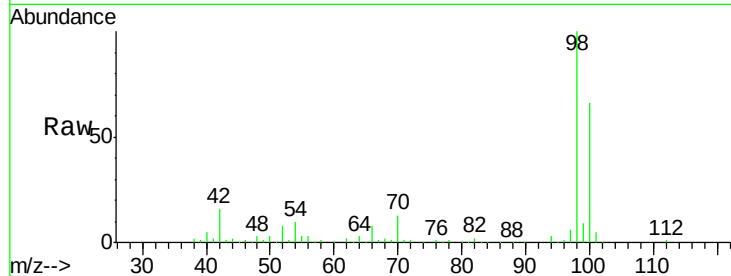
100 65.5 53.4 80.0

Manual Integrations

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5/7/2020 10:36:34 AM



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

120000

100000

80000

60000

40000

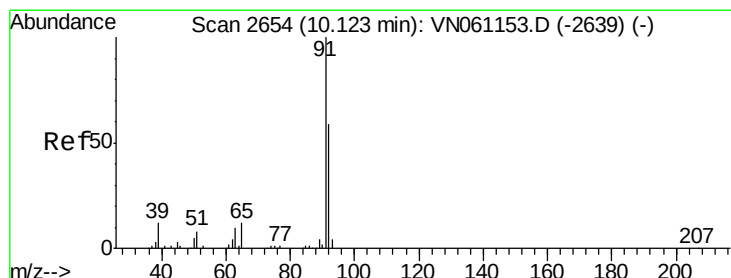
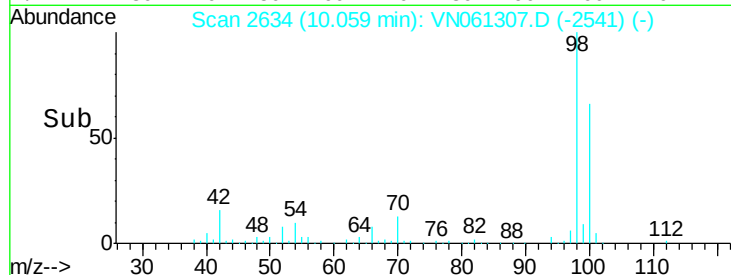
20000

0

10.00

10.10

Time-->



#52

Toluene

Concen: 398.130 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061307.D

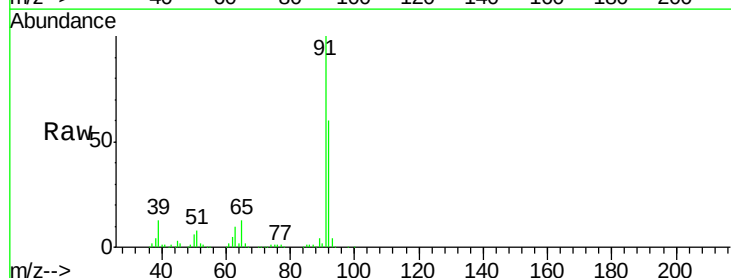
Acq: 6 May 2020 14:17

Tgt Ion: 92 Resp: 1113083

Ion Ratio Lower Upper

92 100

91 167.8 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

1200000

1000000

800000

600000

400000

200000

0

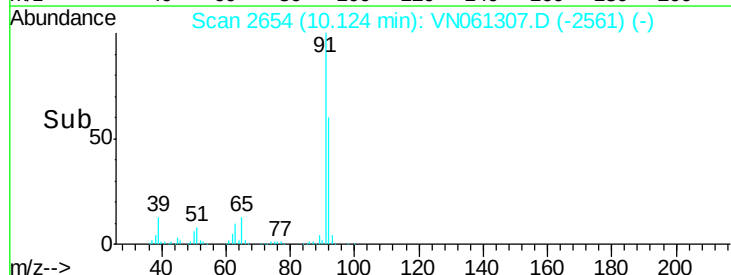
10.00

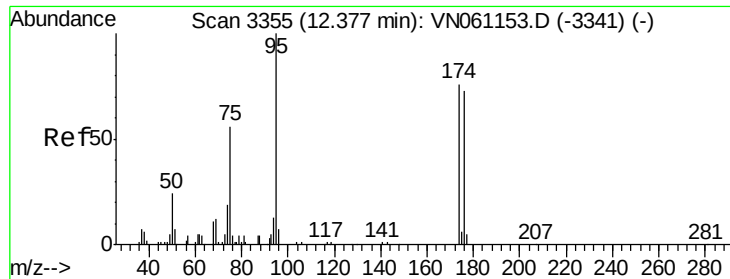
10.10

10.20

10.30

Time-->





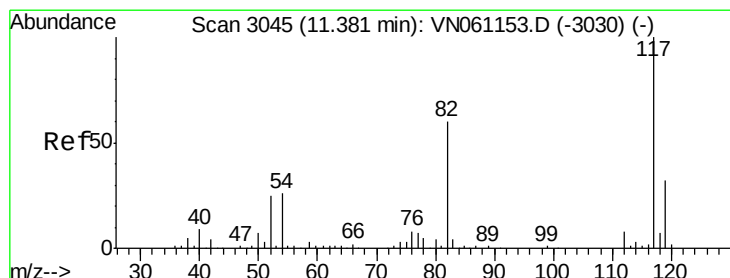
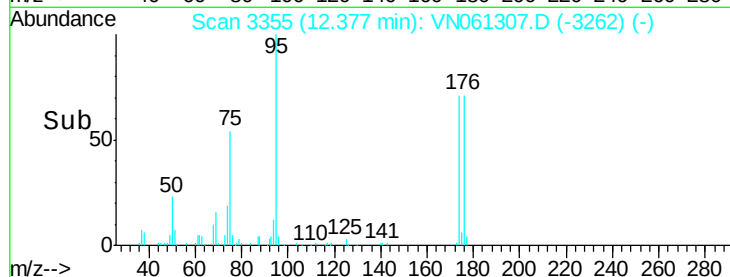
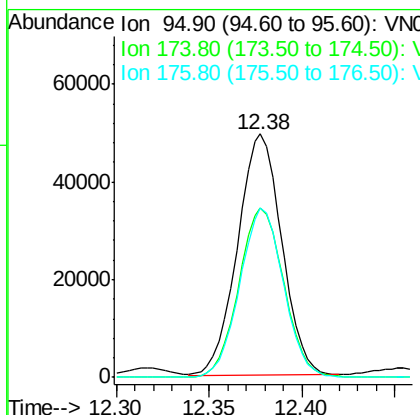
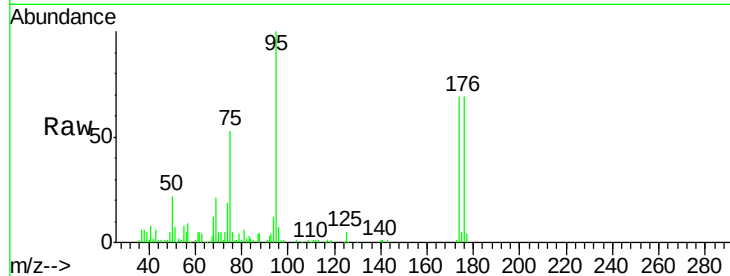
#62
4-Bromofluorobenzene
Concen: 57.792 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
207ME

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	149.4
176	69.7	0.0	144.8

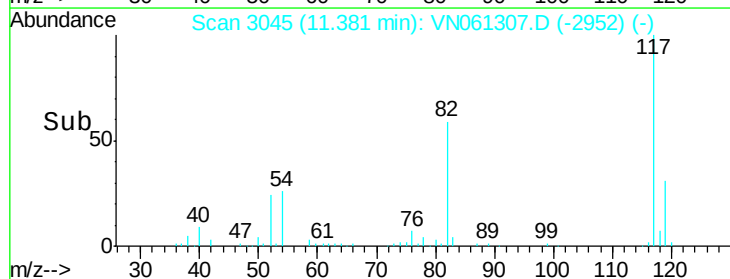
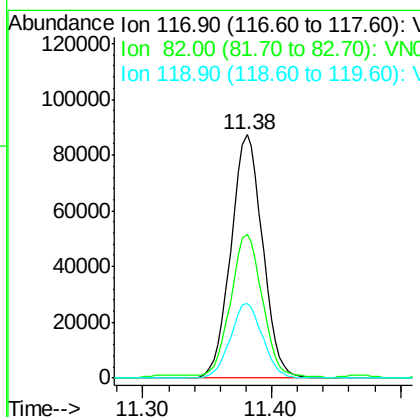
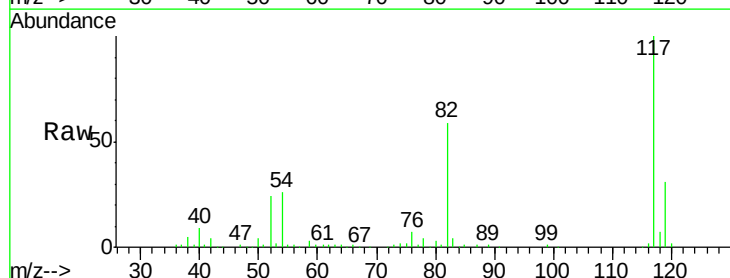
Manual Integrations
APPROVED

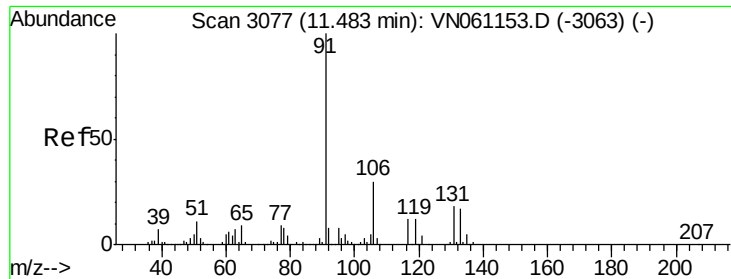
MMDadoda
5/7/2020 10:36:34 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.8
119	30.8	25.8	38.6





#67

Ethyl Benzene

Concen: 10.544 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

207ME

Tot Ion: 91 Resp: 58351

Ion Ratio Lower Upper

91 100

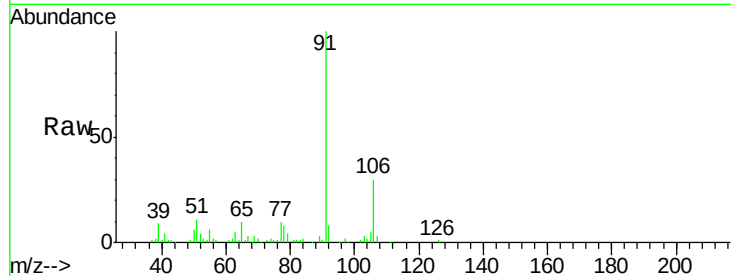
106 29.7 23.8 35.6

Manual Integrations

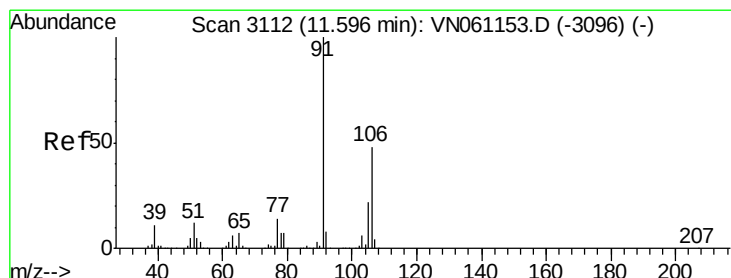
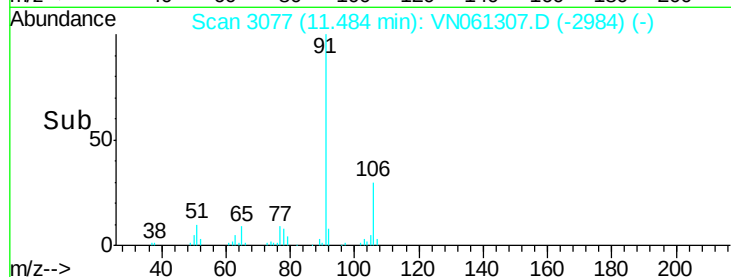
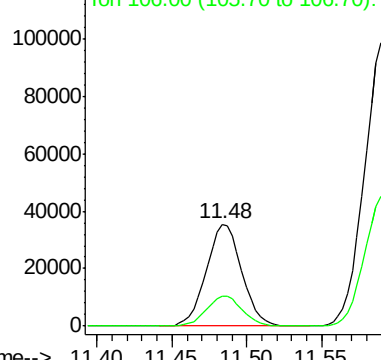
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5/7/2020 10:36:34 AM



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 41.838 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061307.D

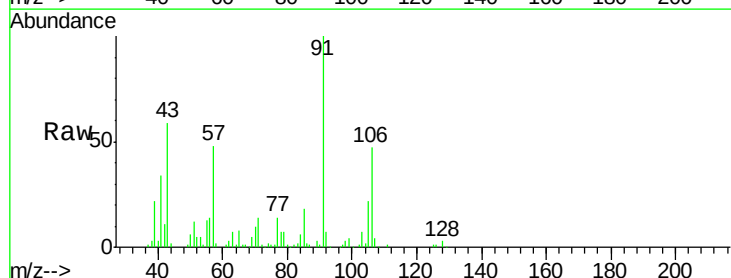
Acq: 6 May 2020 14:17

Tgt Ion: 106 Resp: 84746

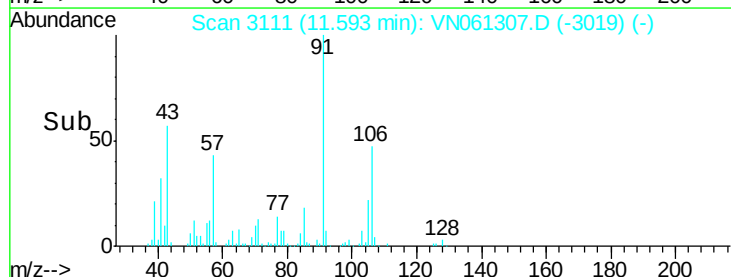
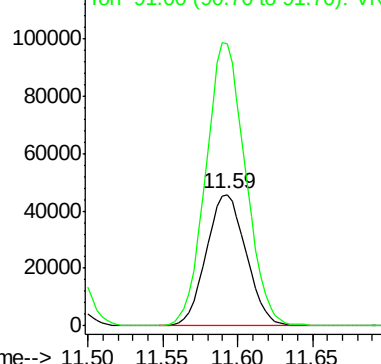
Ion Ratio Lower Upper

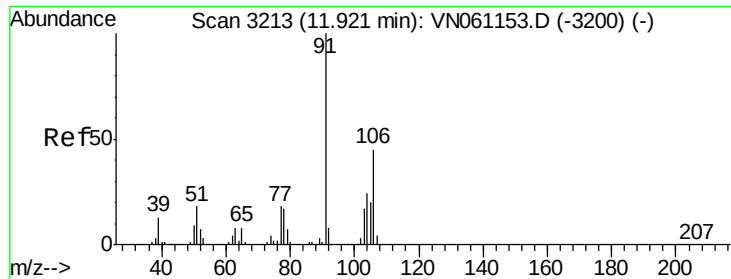
106 100

91 214.6 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)





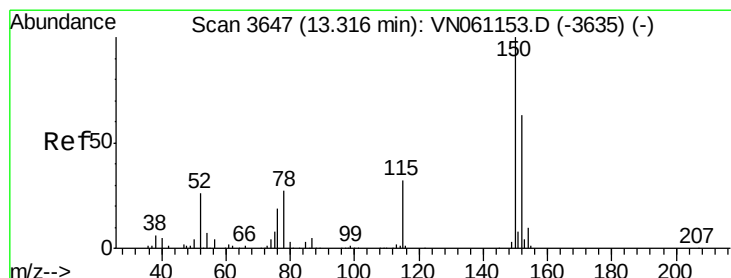
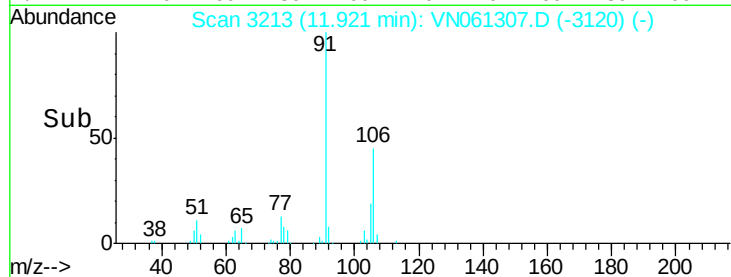
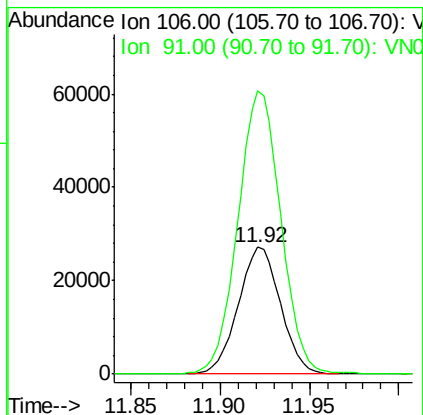
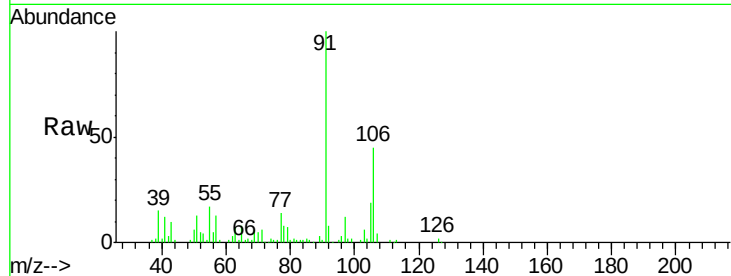
#69
o-Xylene
Concen: 23.147 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
207ME

Tot Ion:106 Resp: 45036
Ion Ratio Lower Upper
106 100
91 227.0 109.7 329.0

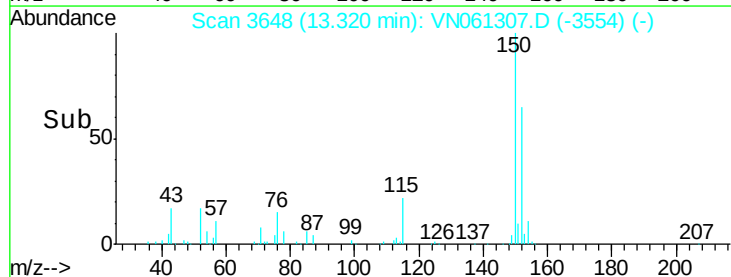
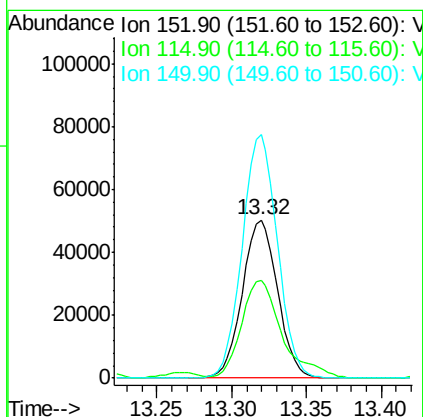
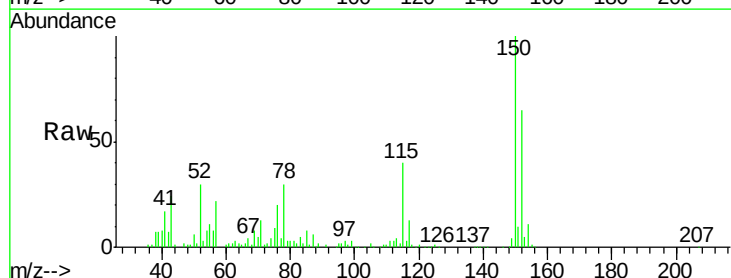
Manual Integrations
APPROVED

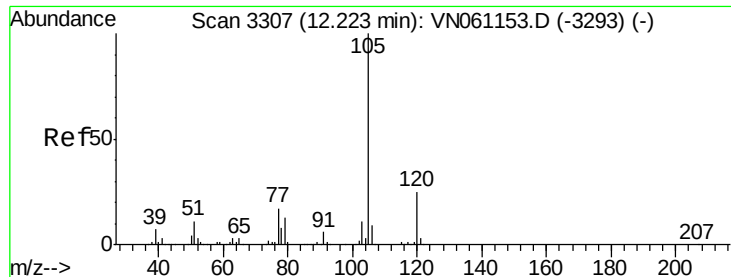
MMDadoda
5/7/2020 10:36:34 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion:152 Resp: 82597
Ion Ratio Lower Upper
152 100
115 70.8 31.0 93.0
150 153.6 0.0 351.8





#73

Isopropylbenzene

Concen: 5.240 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

207ME

Tot Ion:105 Resp: 31815

Ion Ratio Lower Upper

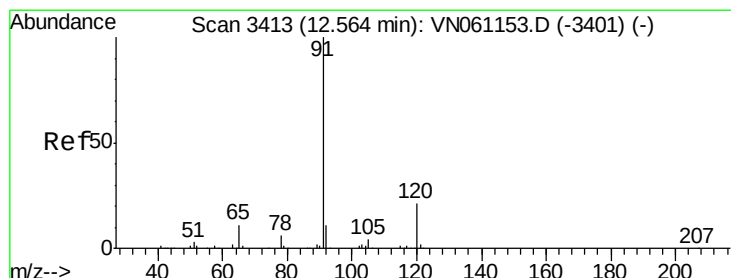
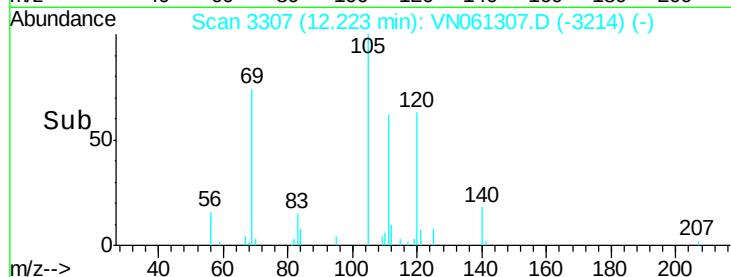
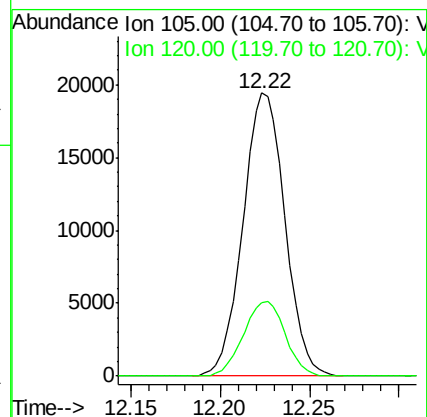
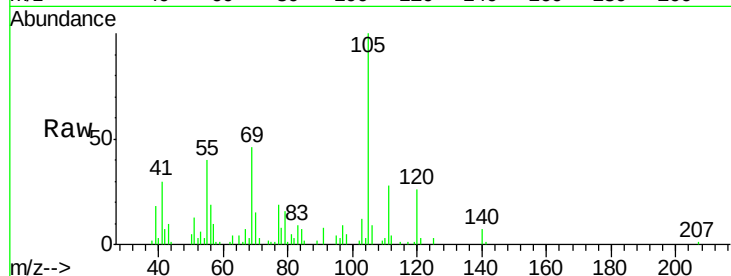
105 100

120 26.2 12.6 37.8

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#78

n-propylbenzene

Concen: 21.943 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061307.D

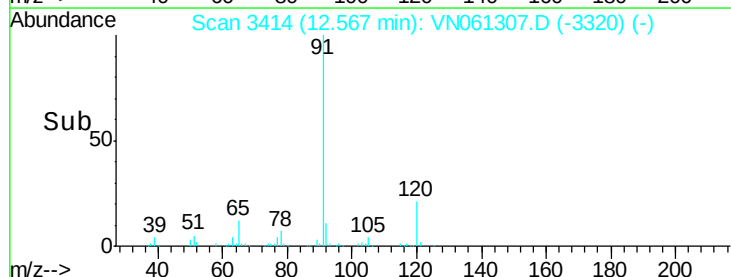
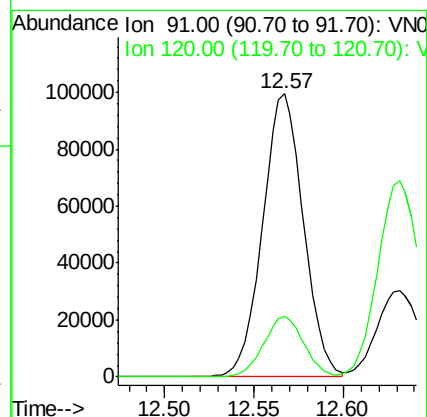
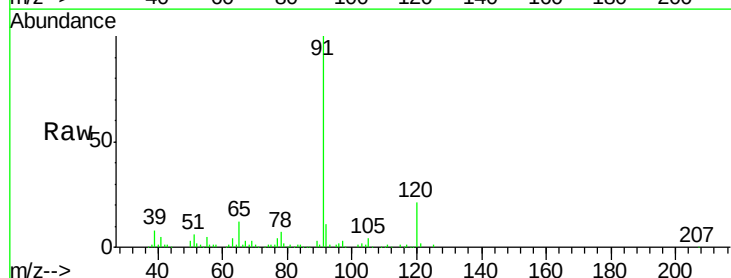
Acq: 6 May 2020 14:17

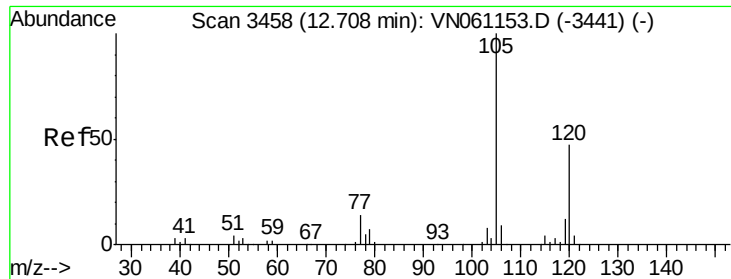
Tgt Ion: 91 Resp: 158039

Ion Ratio Lower Upper

91 100

120 21.1 10.8 32.3





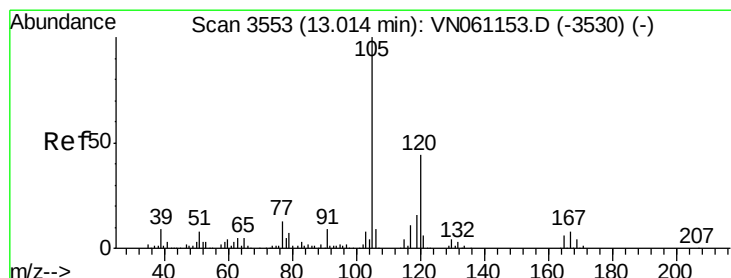
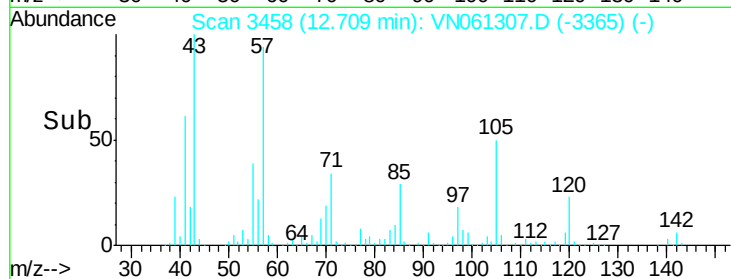
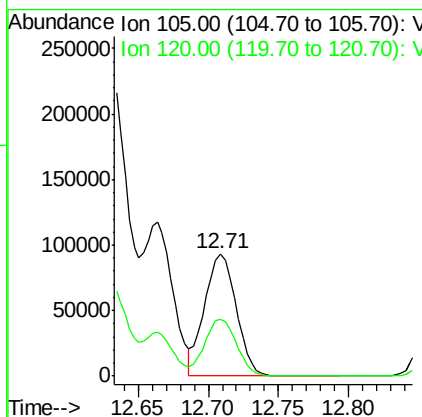
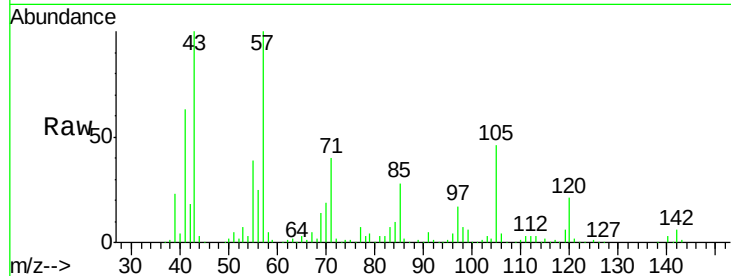
#80
 1,3,5-Trimethylbenzene
 Concen: 29.013 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Instrument :
 MSVOA_N
 ClientSampled :
 207ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.9	71.7

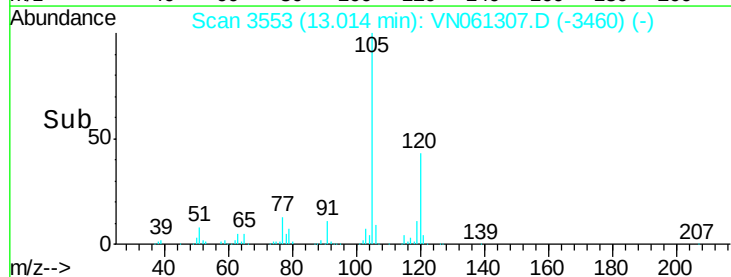
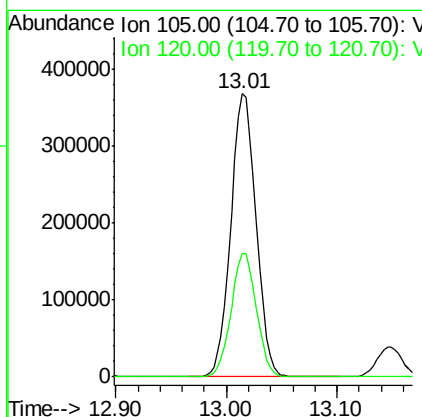
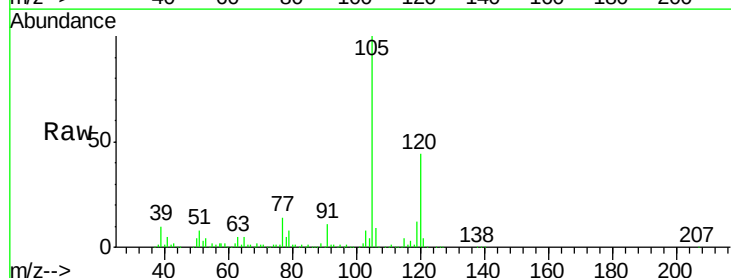
Manual Integrations
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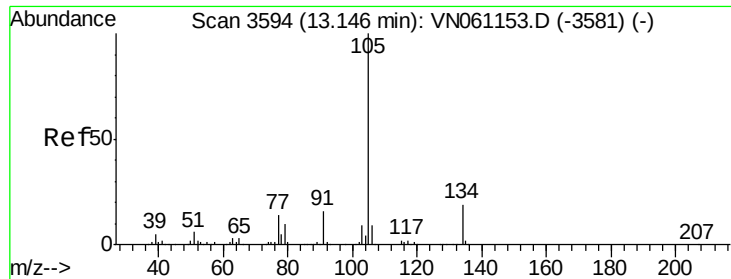
MMDadoda
 5/7/2020 10:36:34 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 113.084 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 10.843 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

207ME

Tot Ion:105 Resp: 62648

Ion Ratio Lower Upper

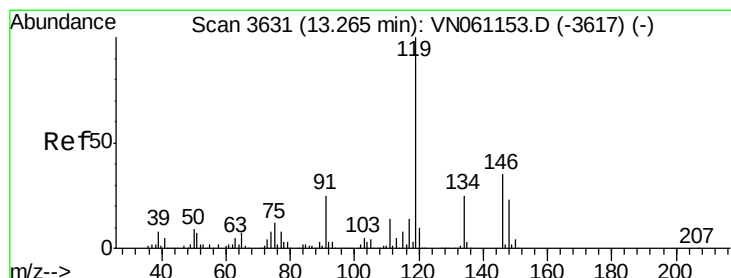
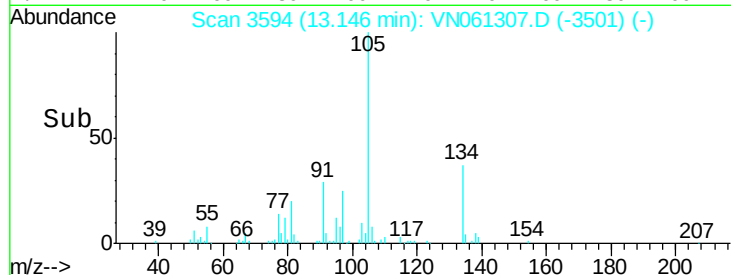
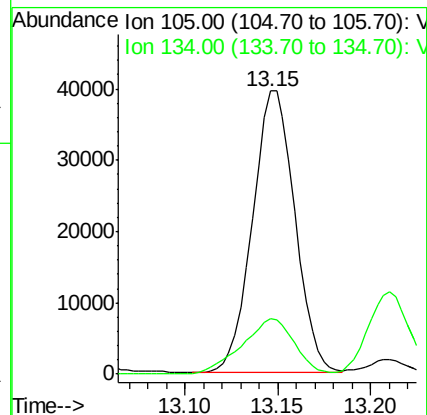
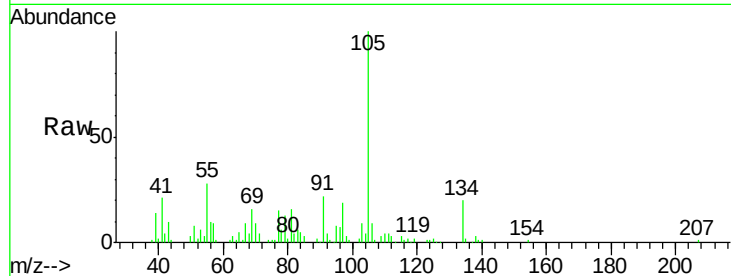
105 100

134 24.4 9.6 28.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 6.904 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

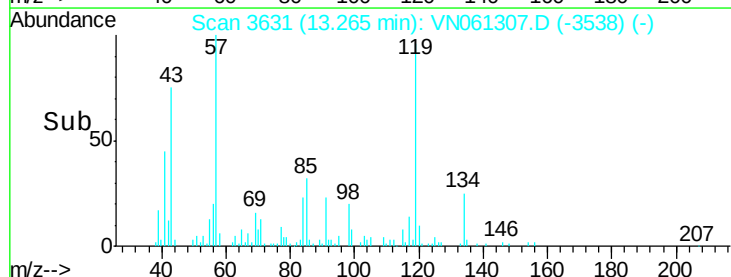
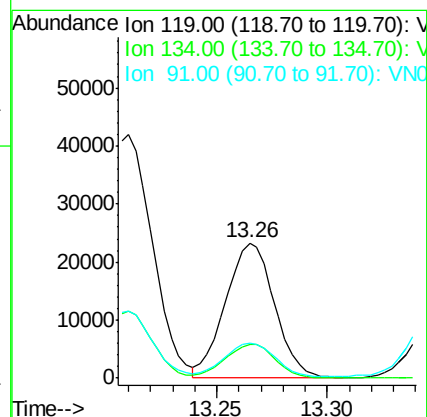
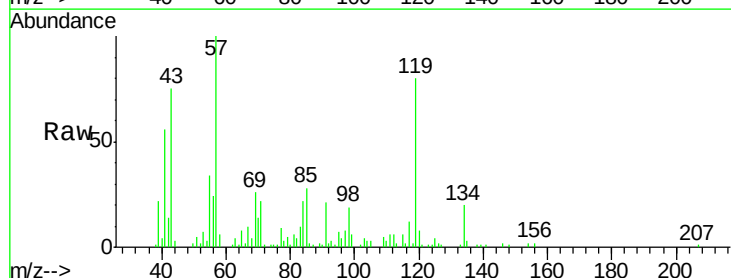
Tgt Ion:119 Resp: 35936

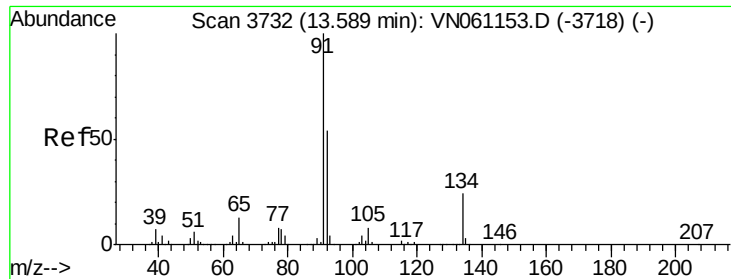
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 24.6 12.7 38.0





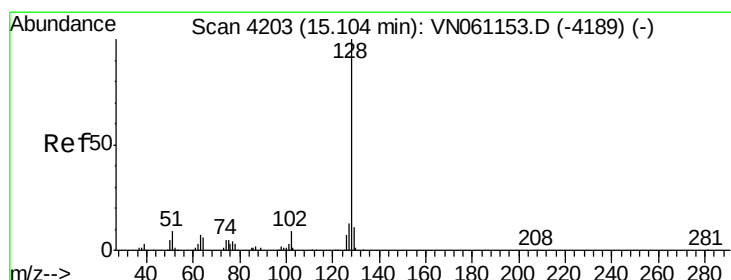
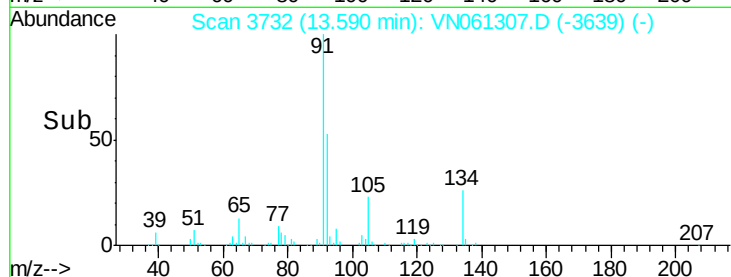
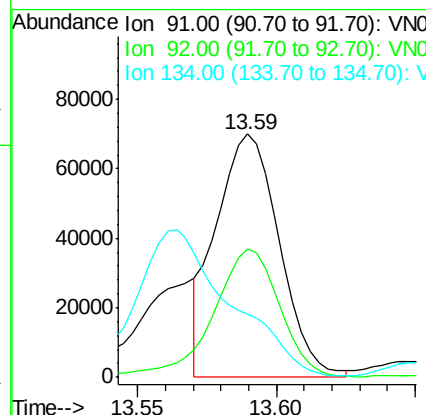
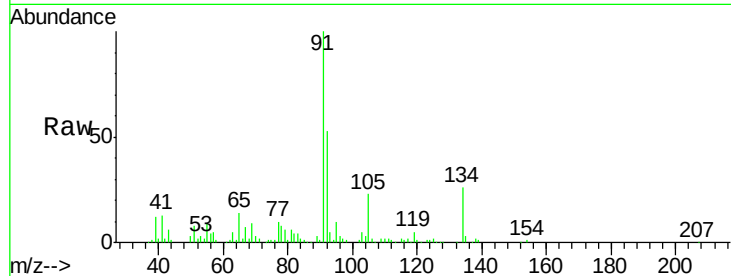
#89
n-Butylbenzene
Concen: 23.184 ug/l m
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Instrument :
MSVOA_N
ClientSampled :
207ME

Tot Ion	Ratio	Resp	Lower	Upper
91	100	110637		
92	54.5	26.8	80.3	
134	0.0	11.9	35.5#	

Manual Integrations
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5/7/2020 10:36:34 AM



#95
Naphthalene
Concen: 9.432 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	46282		
127	14.3	10.4	15.6	
129	12.4	8.7	13.1	

