

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062105.D
 Acq On : 25 Jun 2020 12:48
 Operator : JC/MD
 Sample : L3020-17
 Misc : 5.34g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:01 PM

Quant Time: Jul 01 05:32:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	230586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	426450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	471989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	156295	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	7.54	113	126625	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	10.06	98	641821	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.38%	
62) 4-Bromofluorobenzene	12.37	95	333885	90.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.72%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.28	43	5673	2.205	ug/l #	69
31) Cyclohexane	7.59	56	120282	26.905	ug/l #	74
39) Methylcyclohexane	9.04	83	680343	144.858	ug/l	97
67) Ethyl Benzene	11.48	91	4854003	277.290	ug/l #	85
68) m/p-Xylenes	11.60	106	1340410	197.973	ug/l	98
69) o-Xylene	11.92	106	5226	0.818	ug/l	90
73) Isopropylbenzene	12.22	105	1193634	54.916	ug/l	98
78) n-propylbenzene	12.56	91	5073411	204.061	ug/l	91
80) 1,3,5-Trimethylbenzene	12.71	105	5298196	300.693	ug/l	82
84) 1,2,4-Trimethylbenzene	13.02	105	9215748m	523.688	ug/l	
85) sec-Butylbenzene	13.15	105	729149	36.594	ug/l #	53
86) p-Isopropyltoluene	13.26	119	386131	22.119	ug/l	97
89) n-Butylbenzene	13.59	91	1794753	123.662	ug/l #	73
95) Naphthalene	15.10	128	5437309	377.792	ug/l #	94

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

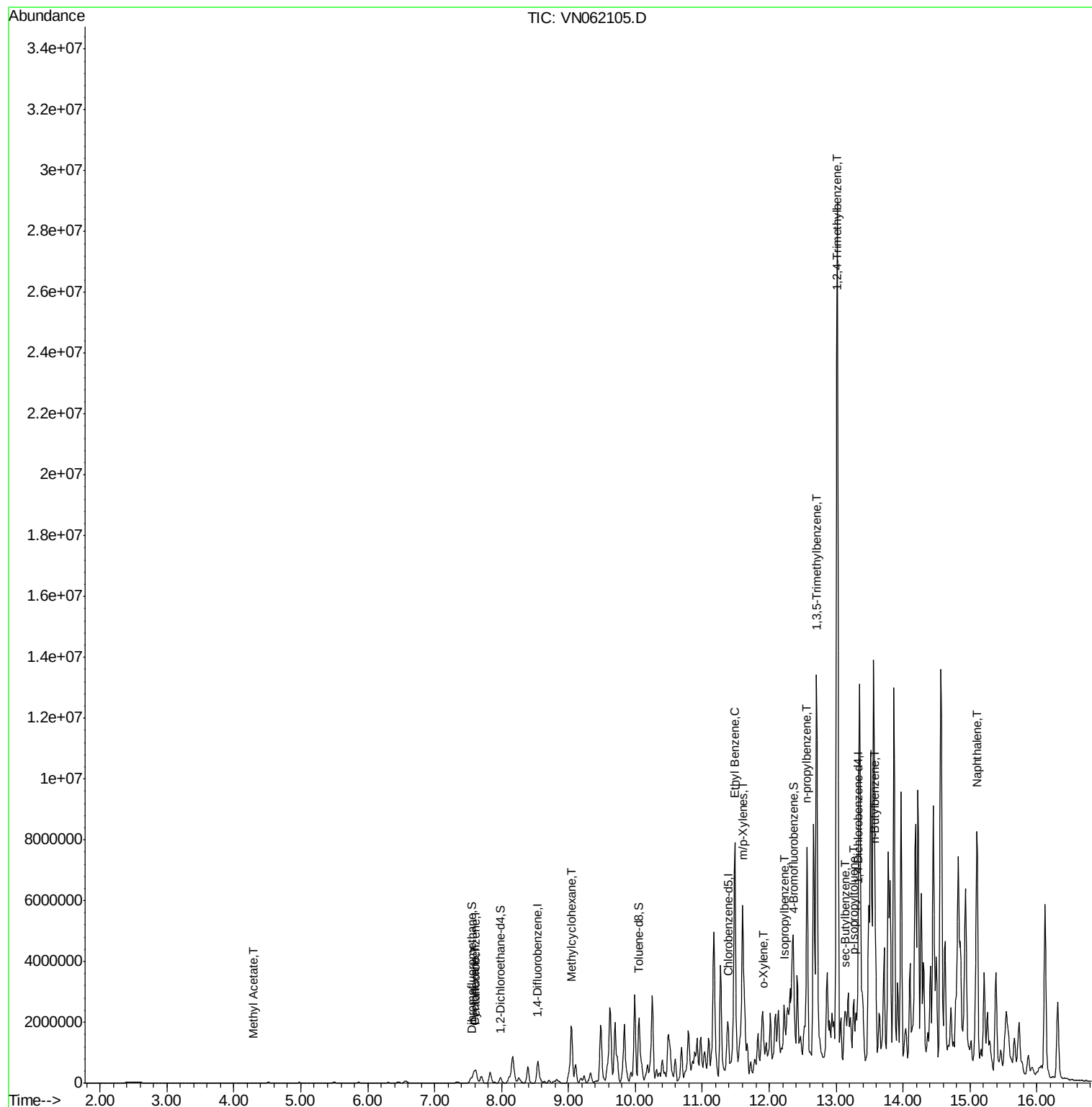
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
Data File : VN062105.D
Acq On : 25 Jun 2020 12:48
Operator : JC/MD
Sample : L3020-17
Misc : 5.34g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
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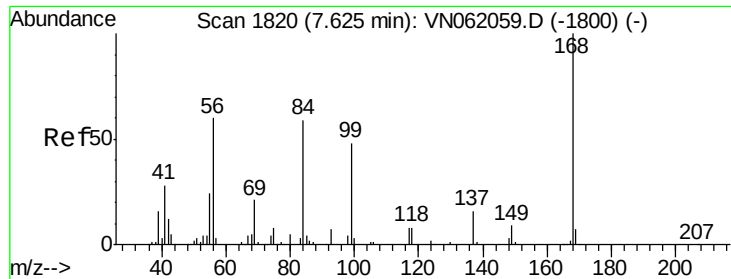
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

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Quant Time: Jul 01 05:32:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion:168 Resp: 230586

Ion Ratio Lower Upper

168 100

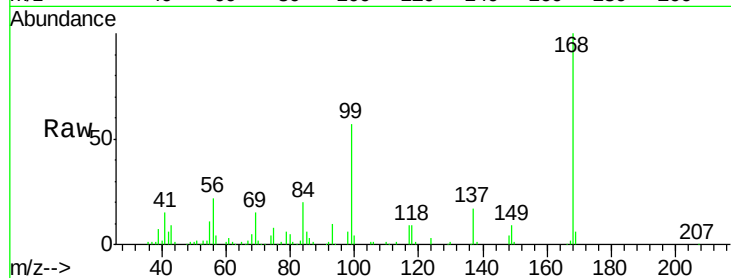
99 57.3 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

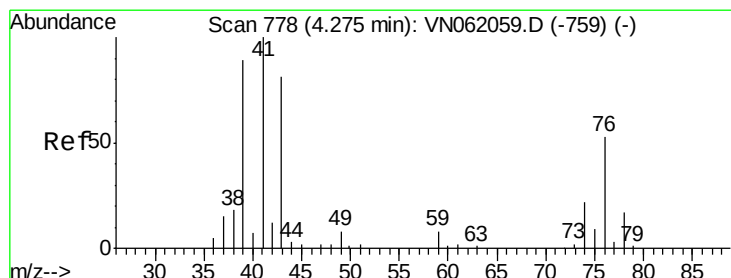
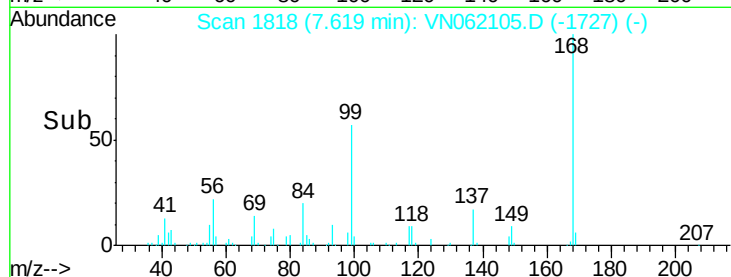
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 2.205 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062105.D

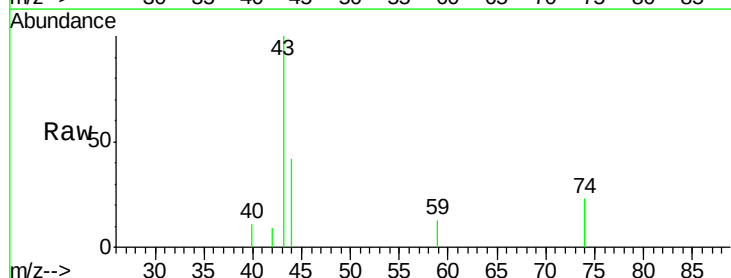
Acq: 25 Jun 2020 12:48

Tgt Ion: 43 Resp: 5673

Ion Ratio Lower Upper

43 100

74 12.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.28

2000

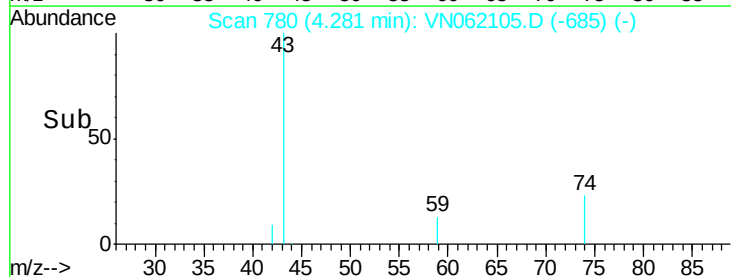
1500

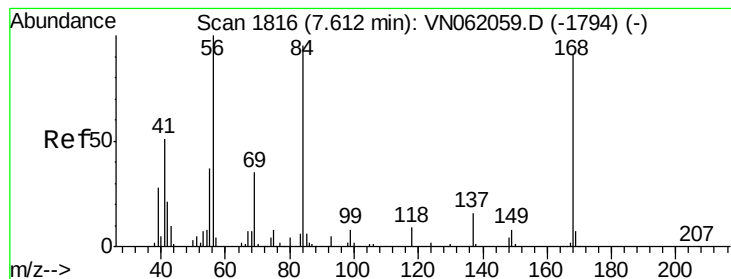
1000

500

0

Time-->





#31

Cyclohexane

Concen: 26.905 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.02 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion: 56 Resp: 120282

Ion Ratio Lower Upper

56 100

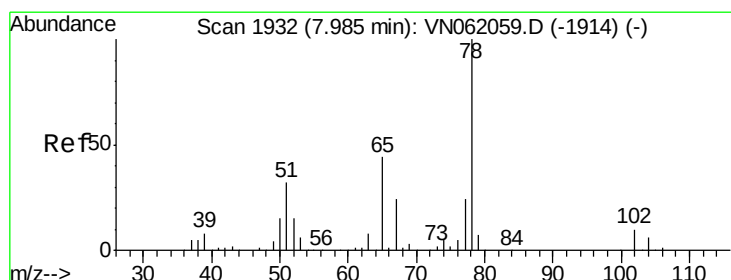
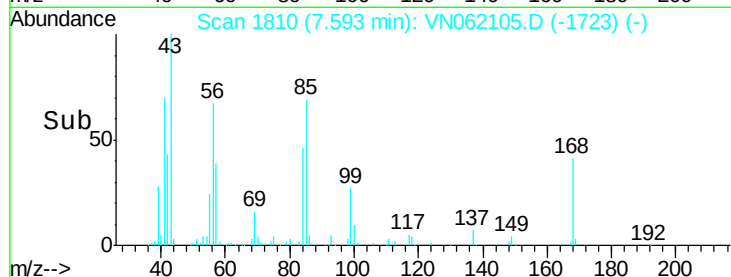
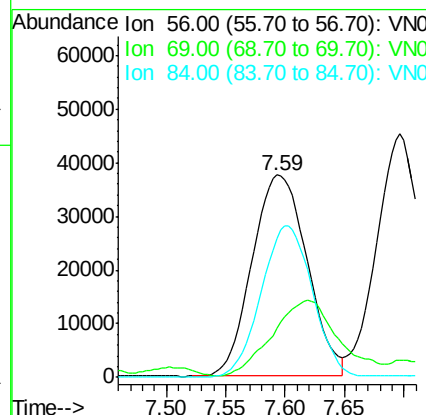
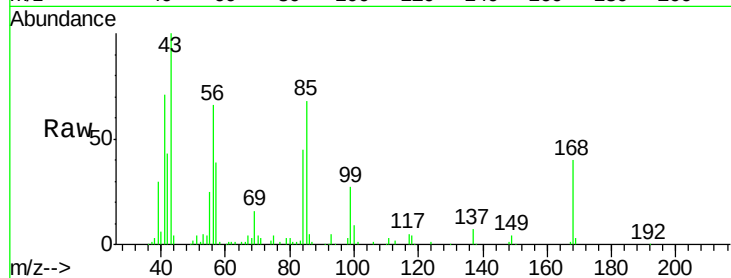
69 21.0 28.0 42.0#

84 69.0 76.1 114.1#

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#33

1,2-Dichloroethane-d4

Concen: 48.300 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN062105.D

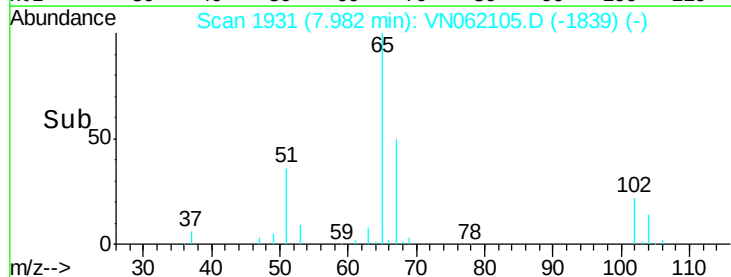
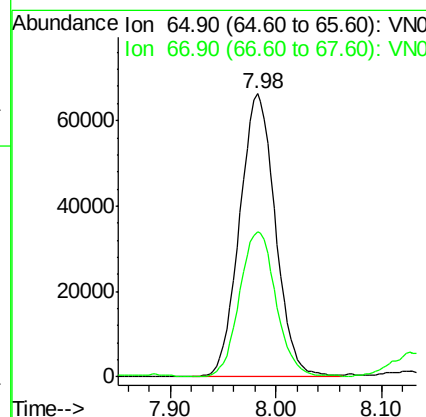
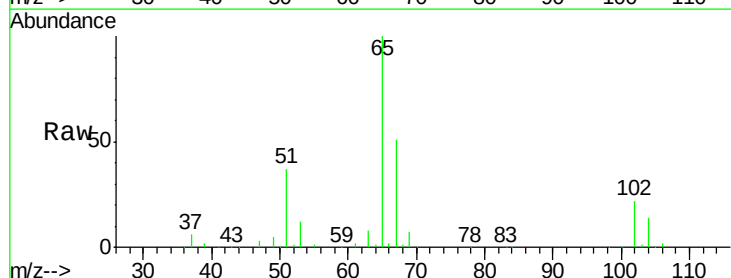
Acq: 25 Jun 2020 12:48

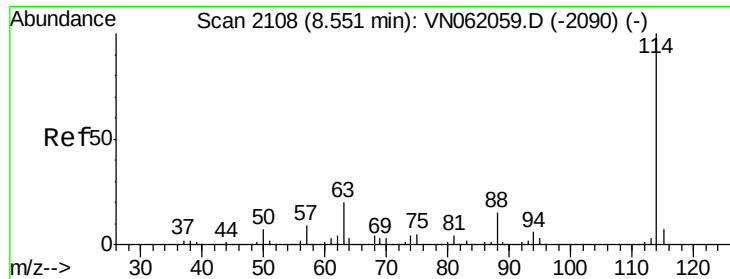
Tgt Ion: 65 Resp: 156295

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2106

Delta R.T. -0.01 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

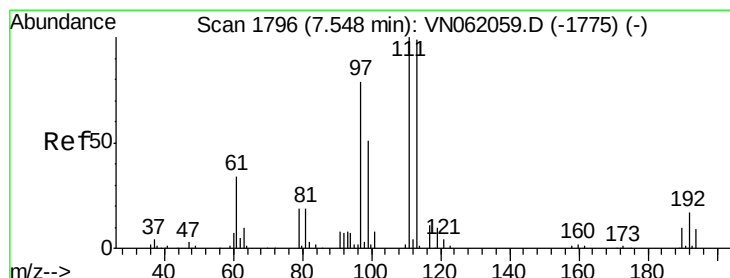
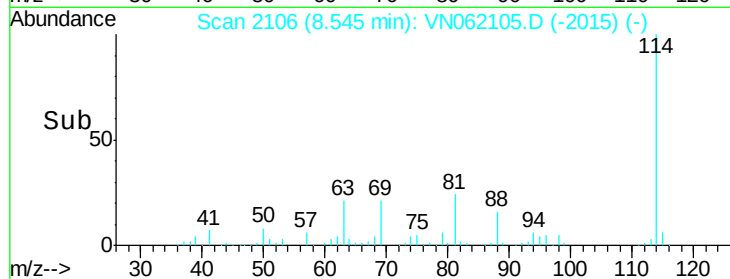
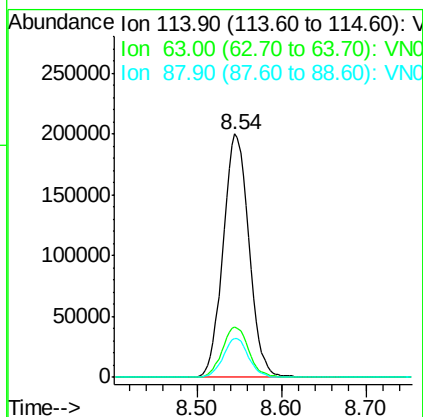
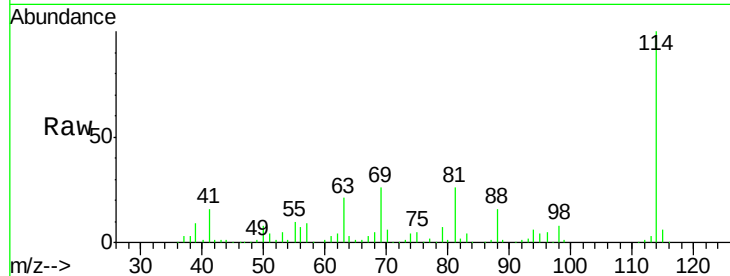
ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426450		
63	20.7	0.0	39.2	
88	16.1	0.0	30.8	

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#35

Dibromofluoromethane

Concen: 46.283 ug/l

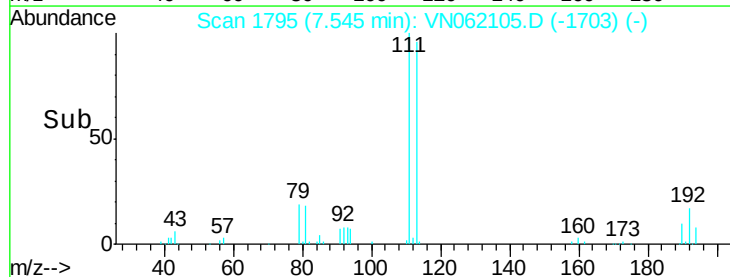
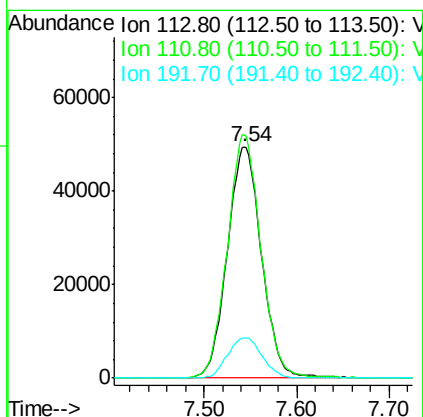
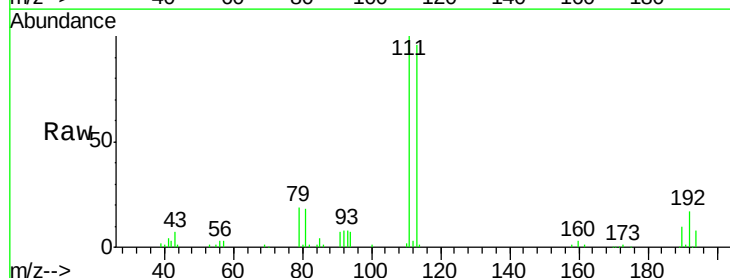
RT: 7.54 min Scan# 1795

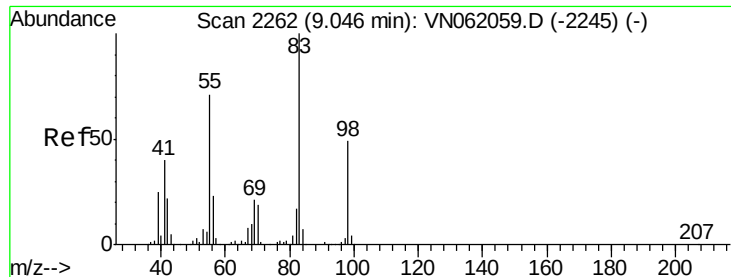
Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	126625		
111	103.0	82.2	123.4	
192	17.6	14.0	21.0	





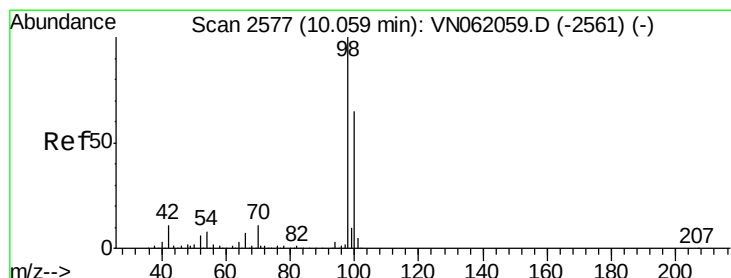
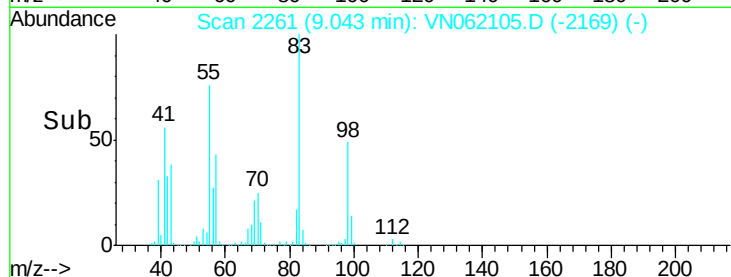
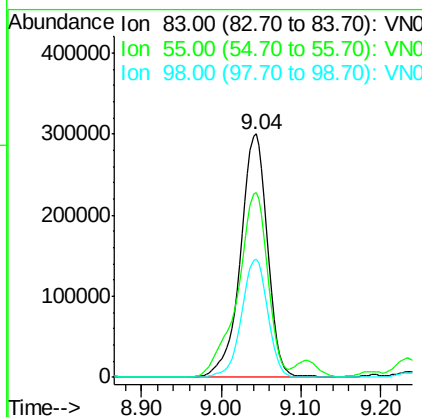
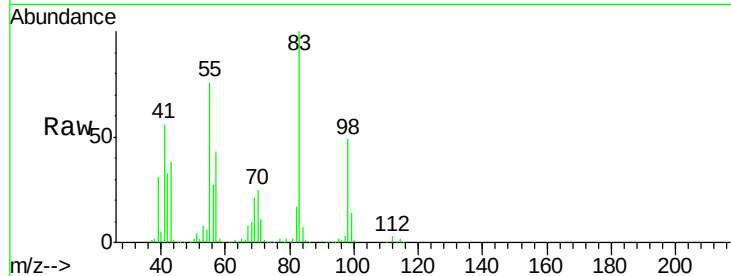
#39
Methylcyclohexane
Concen: 144.858 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.0	57.0	85.6
98	48.6	39.0	58.6

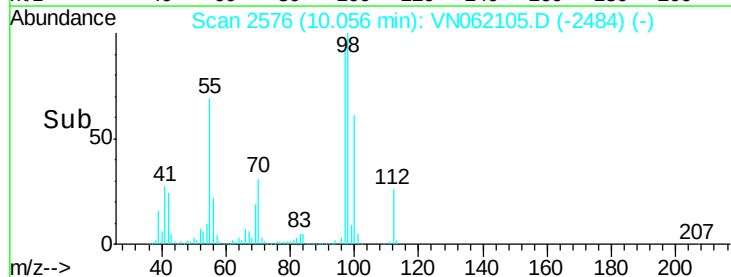
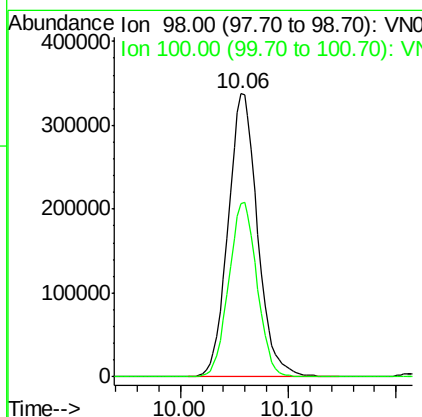
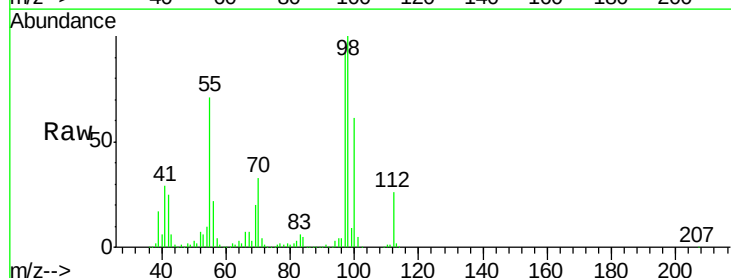
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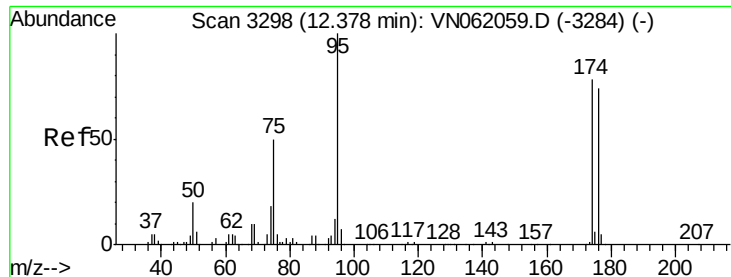
MMDadoda
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#50
Toluene-d8
Concen: 58.688 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	59.3	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 90.364 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

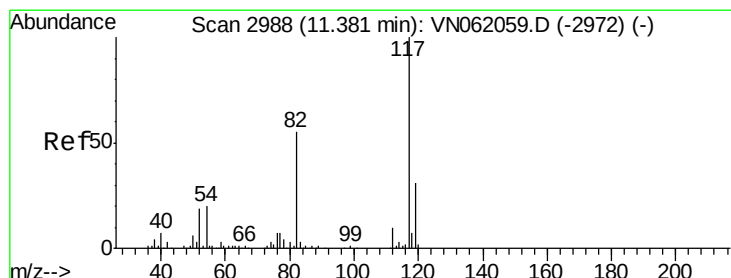
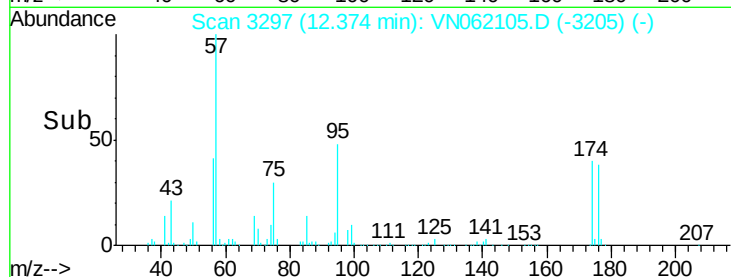
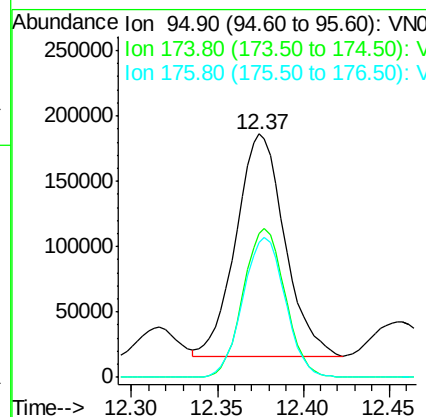
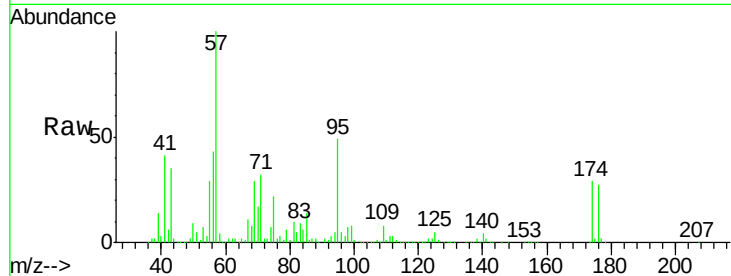
ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion:	95	Resp:	333885
Ion Ratio	Lower	Upper	
95	100		
174	58.0	0.0	154.8
176	55.2	0.0	147.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

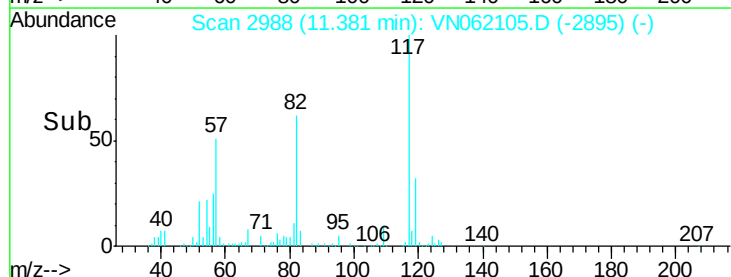
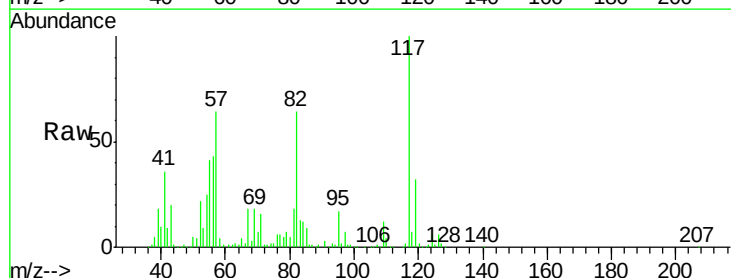
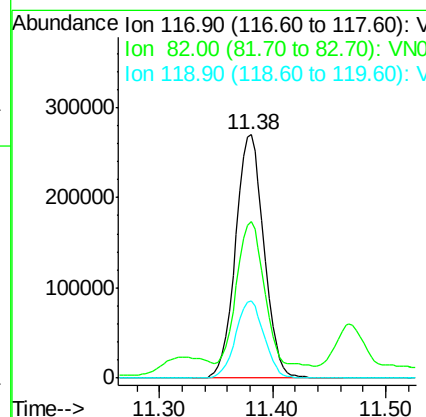
RT: 11.38 min Scan# 2988

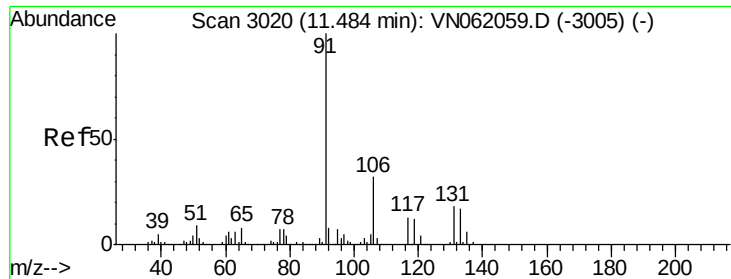
Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Tgt Ion:	117	Resp:	471989
Ion Ratio	Lower	Upper	
117	100		
82	56.1	43.8	65.8
119	31.6	25.2	37.8





#67

Ethyl Benzene

Concen: 277.290 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion: 91 Resp: 4854003

Ion Ratio Lower Upper

91 100

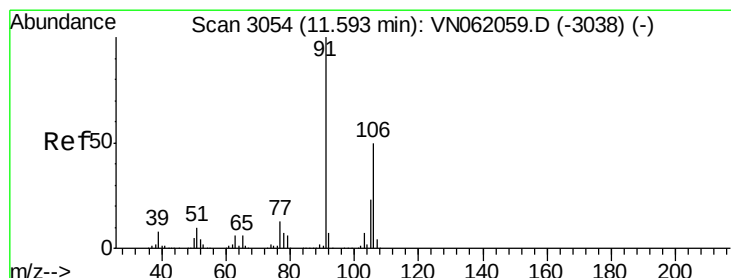
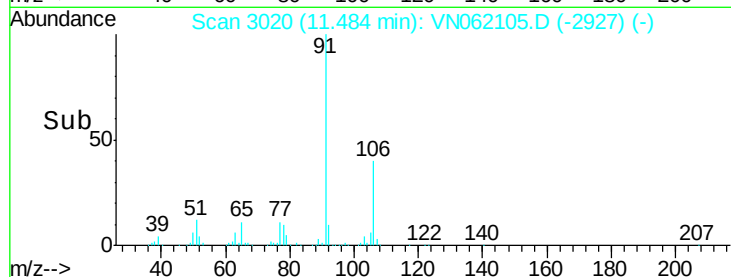
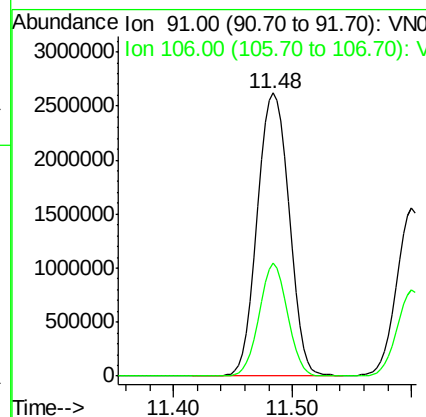
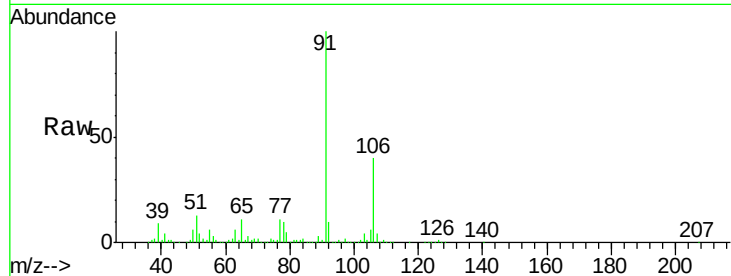
106 39.8 25.3 37.9#

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#68

m/p-Xylenes

Concen: 197.973 ug/l

RT: 11.60 min Scan# 3056

Delta R.T. 0.01 min

Lab File: VN062105.D

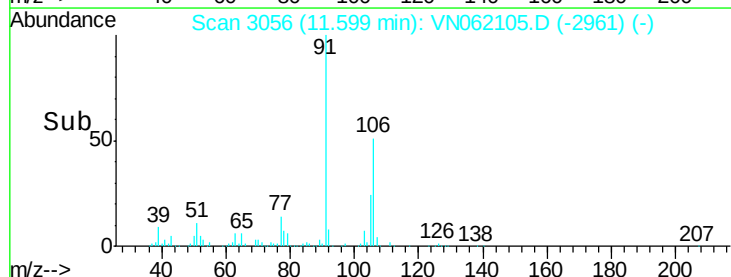
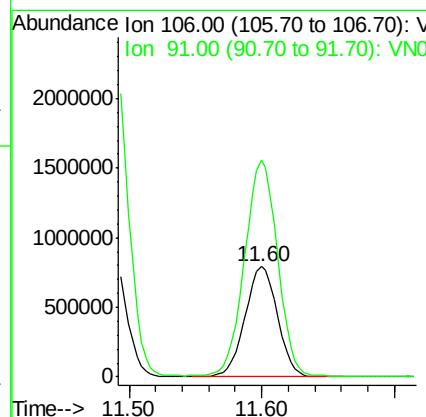
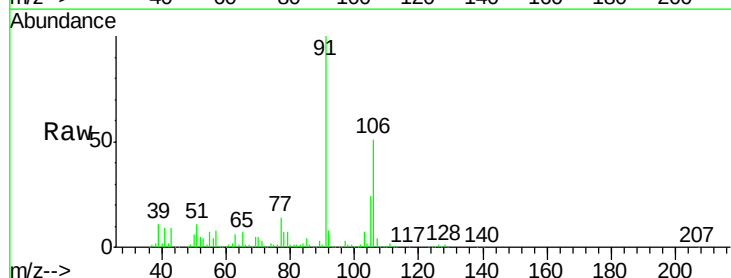
Acq: 25 Jun 2020 12:48

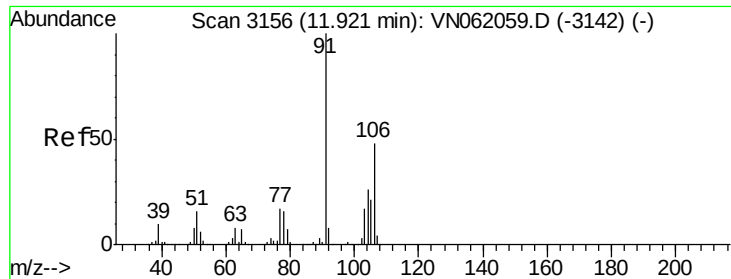
Tgt Ion: 106 Resp: 1340410

Ion Ratio Lower Upper

106 100

91 199.9 157.8 236.8





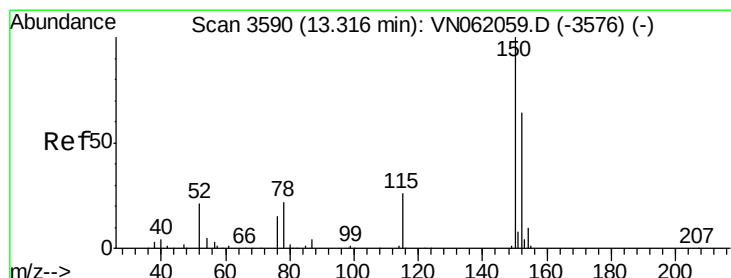
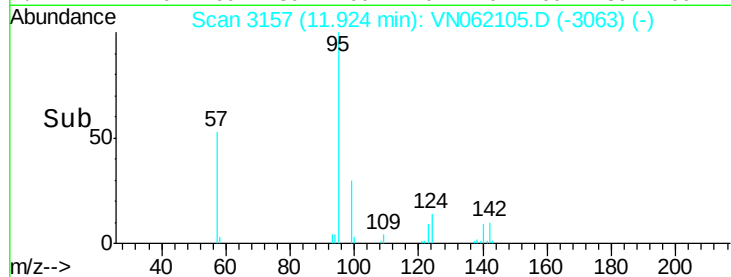
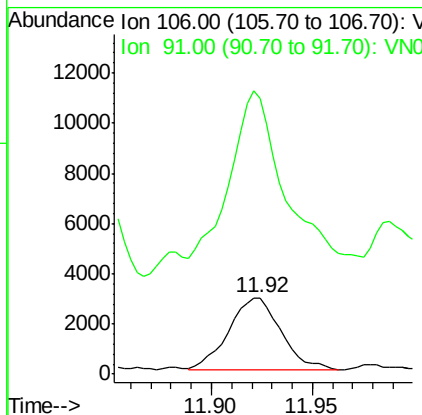
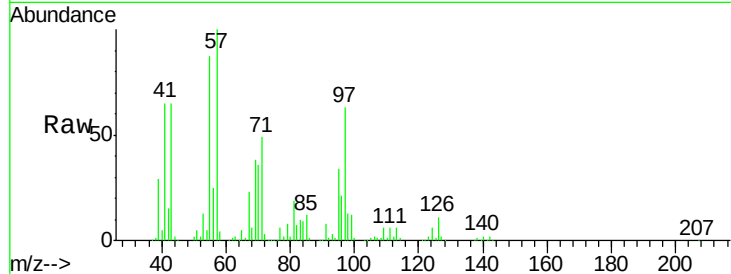
#69
o-Xylene
Concen: 0.818 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Instrument :
MSVOA_N
ClientSampled :
MW-27(16.5-18.5)

Tgt Ion:106 Resp: 5226
Ion Ratio Lower Upper
106 100
91 222.8 104.0 311.9

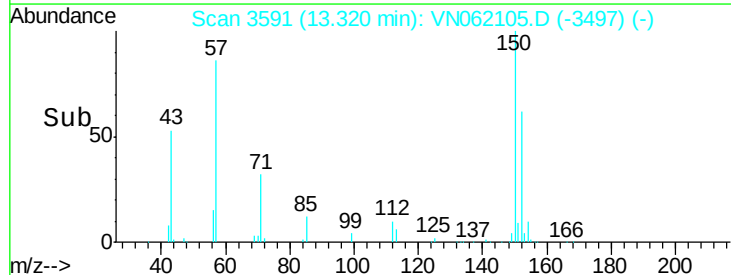
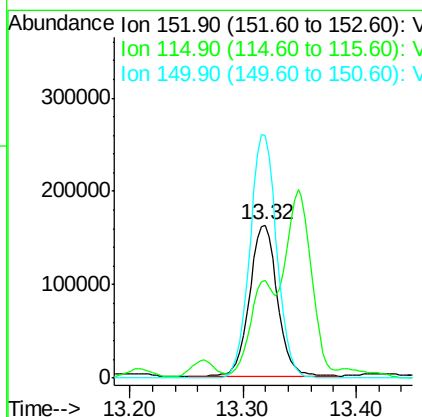
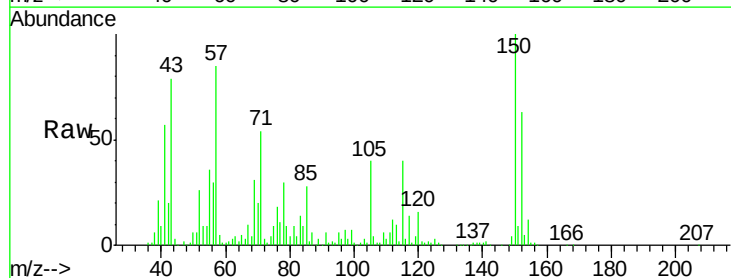
Manual Integrations
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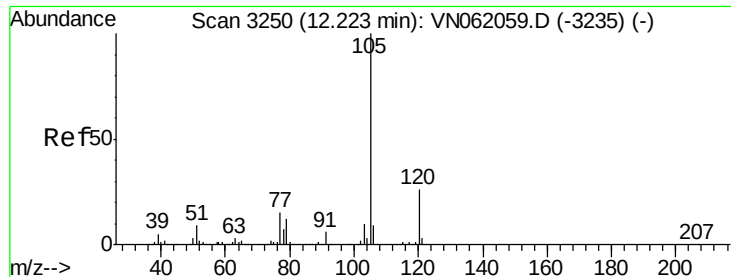
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062105.D
Acq: 25 Jun 2020 12:48

Tgt Ion:152 Resp: 280791
Ion Ratio Lower Upper
152 100
115 53.2 29.5 88.5
150 152.9 0.0 351.4





#73

Isopropylbenzene

Concen: 54.916 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion:105 Resp: 1193634

Ion Ratio Lower Upper

105 100

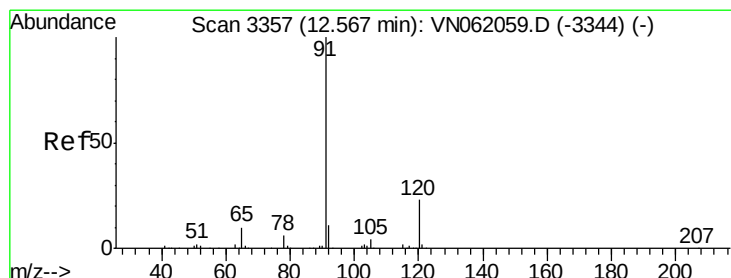
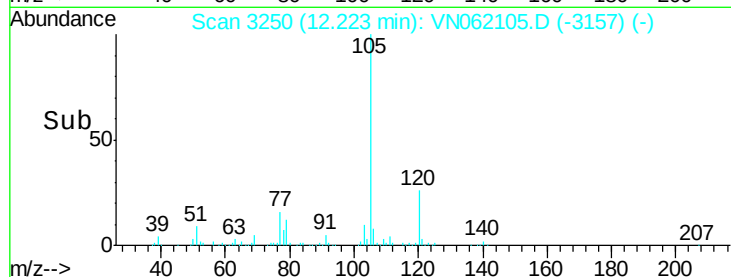
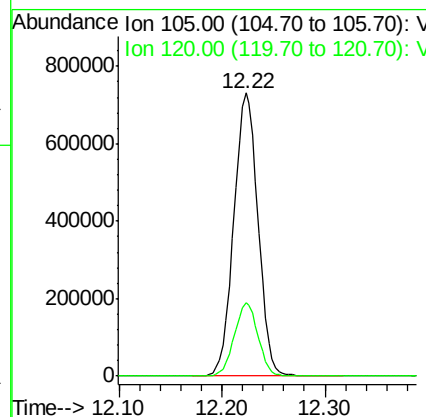
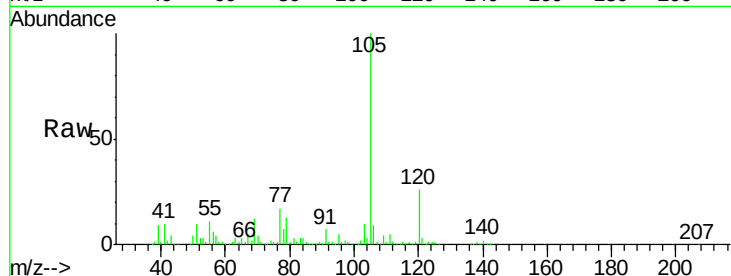
120 25.6 13.2 39.6

Manual Integrations

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#78

n-propylbenzene

Concen: 204.061 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062105.D

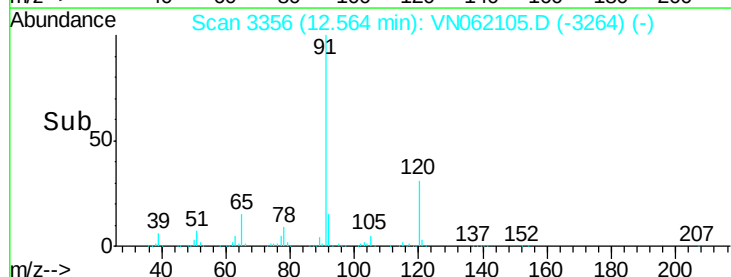
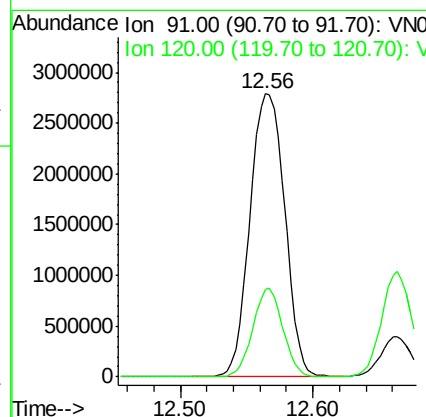
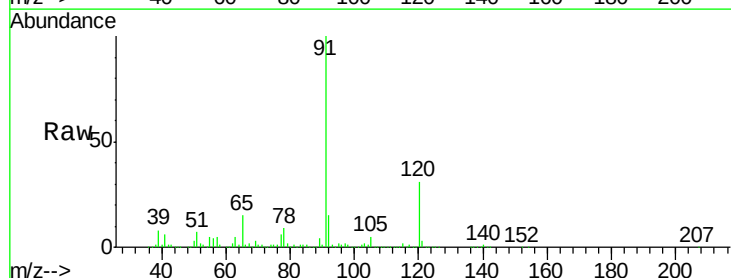
Acq: 25 Jun 2020 12:48

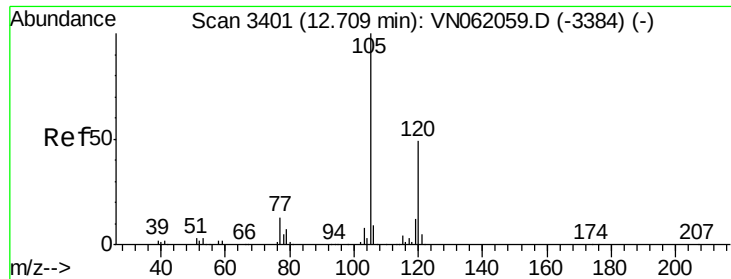
Tgt Ion: 91 Resp: 5073411

Ion Ratio Lower Upper

91 100

120 27.1 11.4 34.1





#80

1,3,5-Trimethylbenzene

Concen: 300.693 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion:105 Resp: 5298196

Ion Ratio Lower Upper

105 100

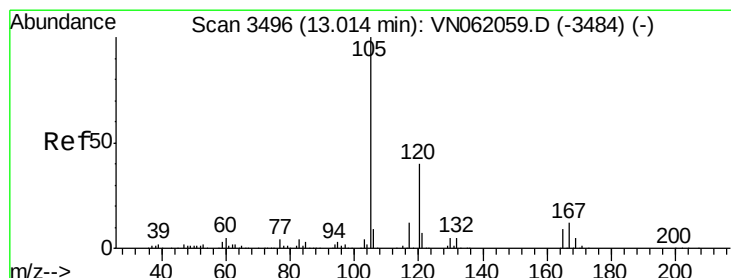
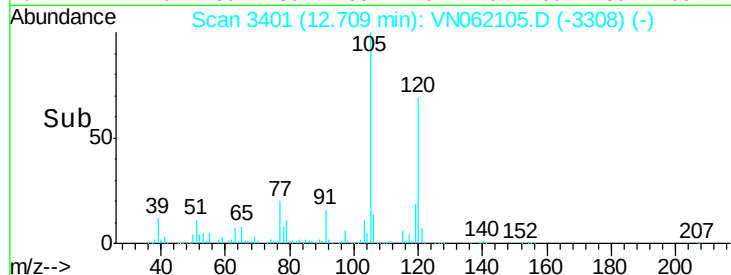
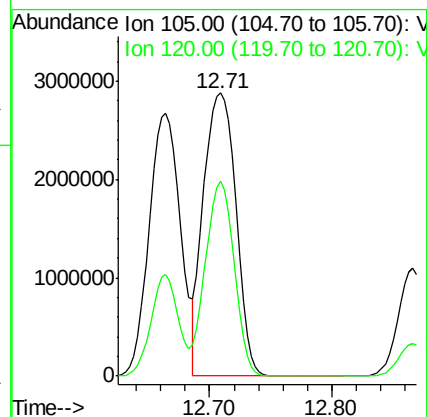
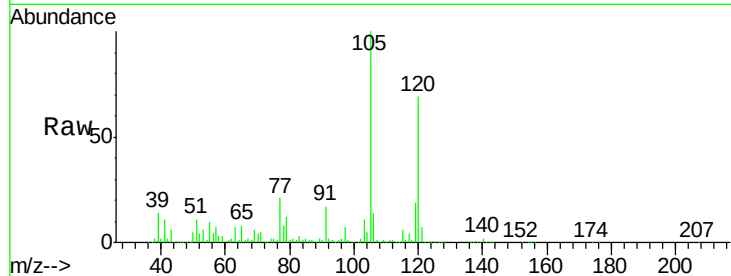
120 61.8 24.6 74.0

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 523.688 ug/l m

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062105.D

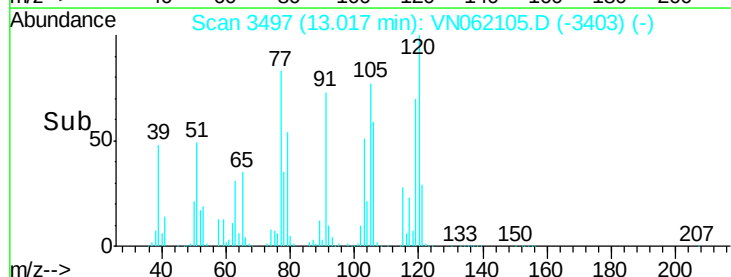
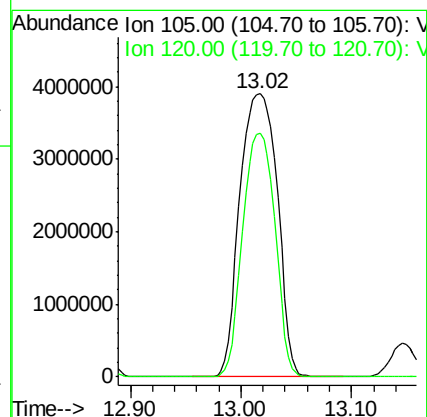
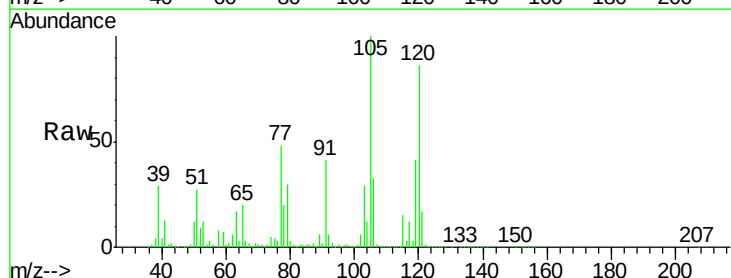
Acq: 25 Jun 2020 12:48

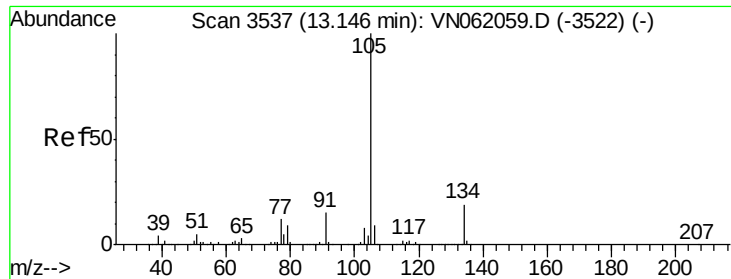
Tgt Ion:105 Resp: 9215748

Ion Ratio Lower Upper

105 100

120 5.8 23.2 69.5#





#85

sec-Butylbenzene

Concen: 36.594 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion:105 Resp: 729149

Ion Ratio Lower Upper

105 100

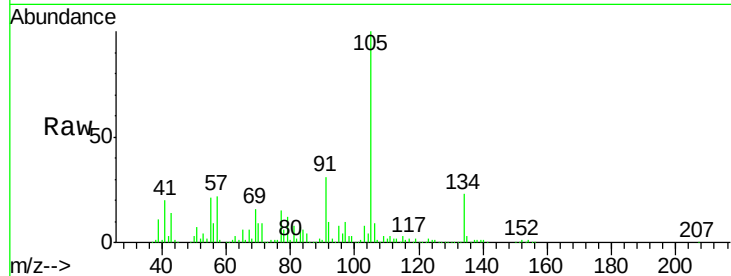
134 40.6 9.7 29.1#

Manual Integrations

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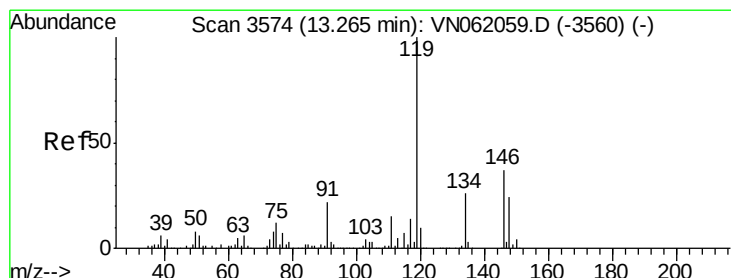
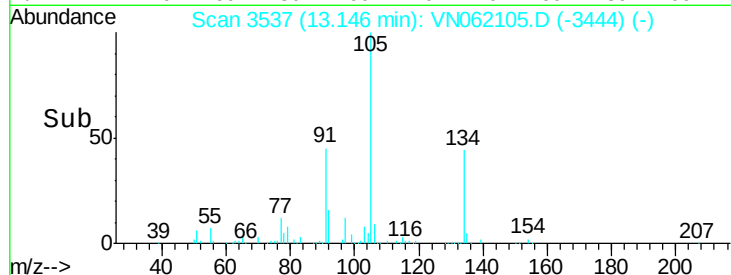
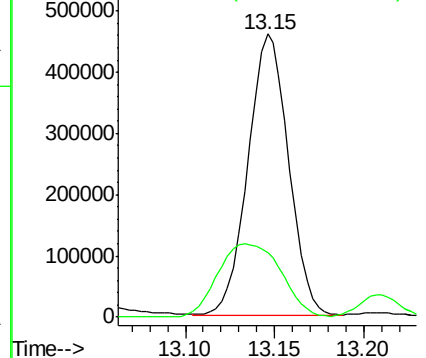
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.119 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

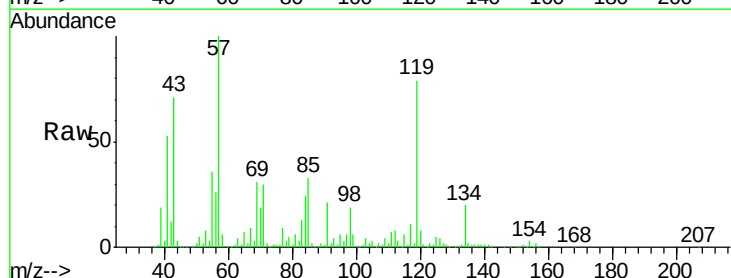
Tgt Ion:119 Resp: 386131

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

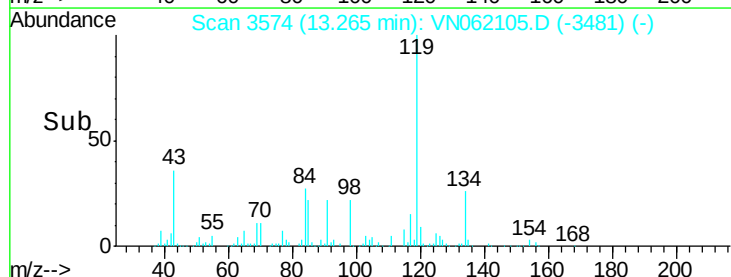
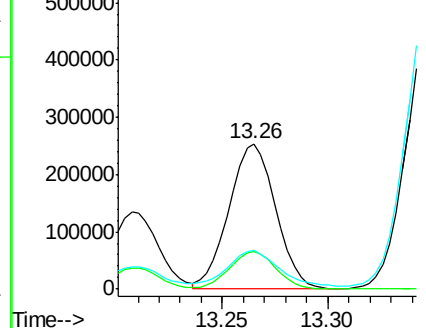
91 25.7 11.3 33.8

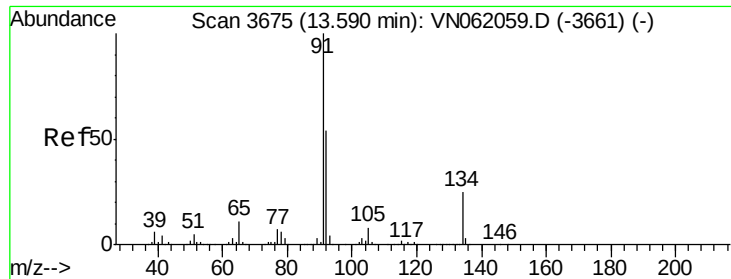


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 123.662 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)

Tgt Ion: 91 Resp: 1794753

Ion Ratio Lower Upper

91 100

92 65.2 26.6 79.7

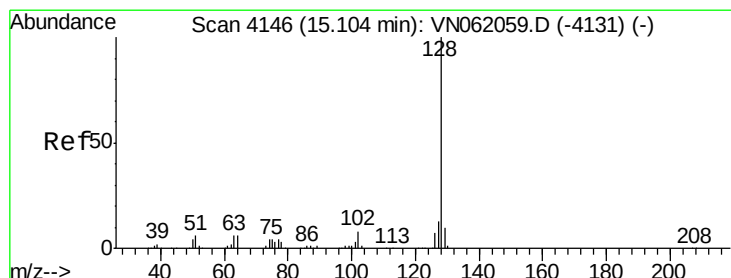
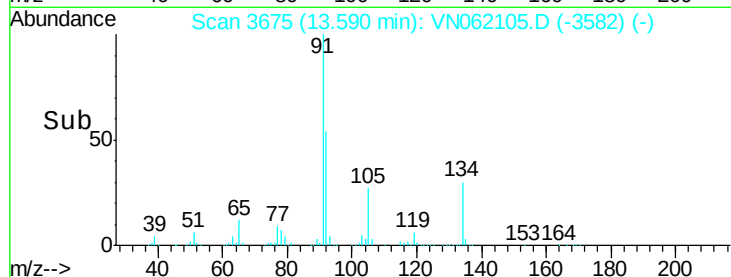
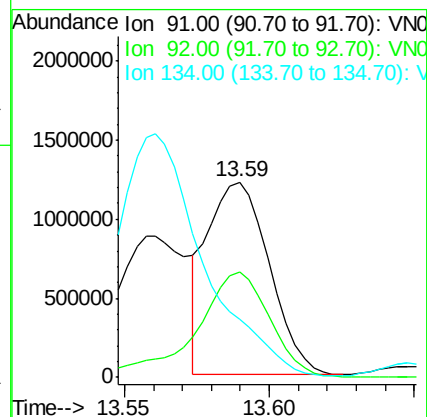
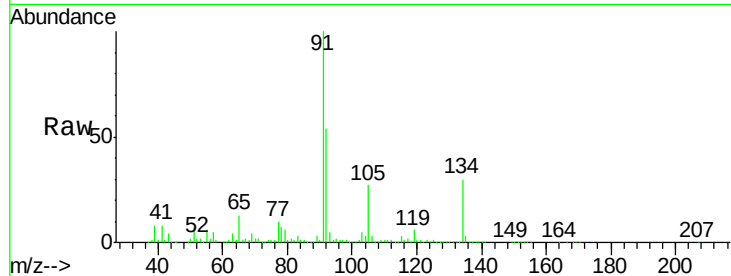
134 0.0 12.3 36.9#

Manual Integrations

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#95

Naphthalene

Concen: 377.792 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062105.D

Acq: 25 Jun 2020 12:48

Tgt Ion: 128 Resp: 5437309

Ion Ratio Lower Upper

128 100

127 15.2 10.5 15.7

129 13.3 8.6 13.0#

