

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062111.D
 Acq On : 25 Jun 2020 15:16
 Operator : JC/MD
 Sample : L3071-03 100X
 Misc : 11.73g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-A

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:14 PM

Quant Time: Jun 26 03:30:32 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	7.63	168	237225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	435349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	415807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159800	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	132533	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.06	98	547768	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.37	95	189968	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
Target Compounds						
					Qvalue	
16) Acetone	3.76	43	10933	6.517	ug/l #	51
31) Cyclohexane	7.61	56	20944	4.554	ug/l #	73
39) Methylcyclohexane	9.05	83	16155	3.369	ug/l	95
52) Toluene	10.12	92	196780	24.180	ug/l	100
67) Ethyl Benzene	11.48	91	216947	14.068	ug/l	99
68) m/p-Xylenes	11.59	106	338884	56.814	ug/l	100
69) o-Xylene	11.92	106	100719	17.897	ug/l	100
73) Isopropylbenzene	12.22	105	87289	6.617	ug/l	100
78) n-propylbenzene	12.57	91	139710	9.259	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	134493	12.577	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	423414	39.645	ug/l	100
85) sec-Butylbenzene	13.15	105	9499m	0.786	ug/l	
86) p-Isopropyltoluene	13.26	119	2404m	0.227	ug/l	
89) n-Butylbenzene	13.59	91	8606	0.977	ug/l #	62
95) Naphthalene	15.11	128	26435	6.989	ug/l	99

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

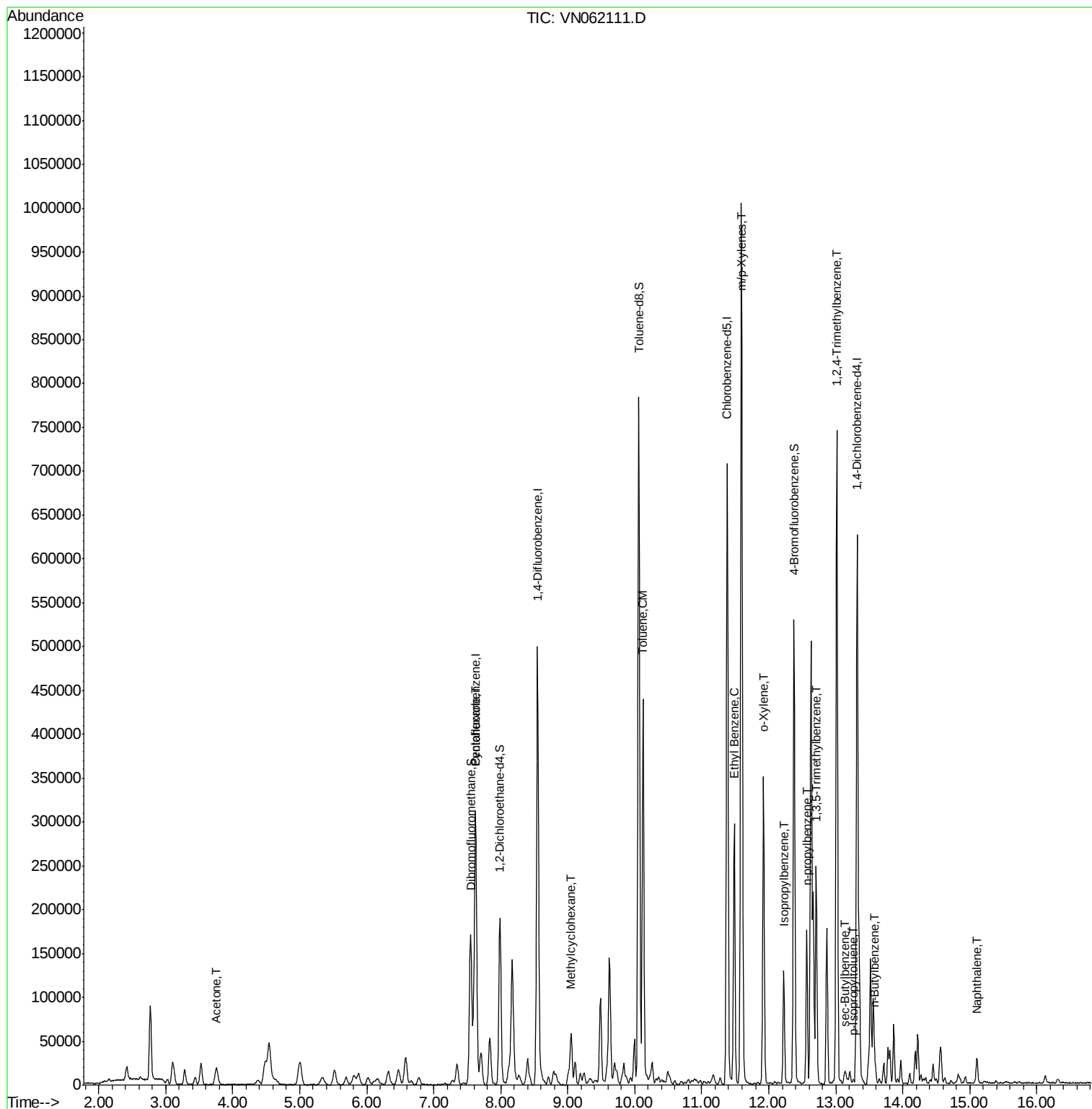
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
Data File : VN062111.D
Acq On : 25 Jun 2020 15:16
Operator : JC/MD
Sample : L3071-03 100X
Misc : 11.73uL/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jun 26 03:30:32 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: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

Tot Ion:168 Resp: 237225

Ion Ratio Lower Upper

168 100

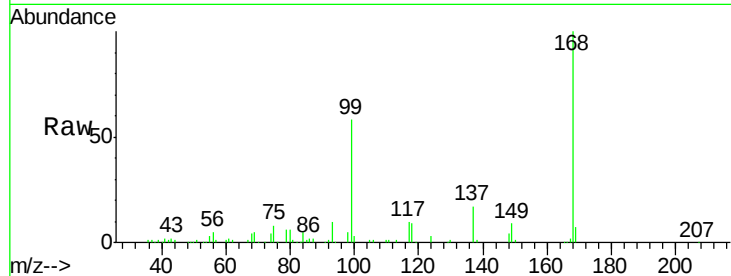
99 58.3 45.8 68.8

Manual Integrations

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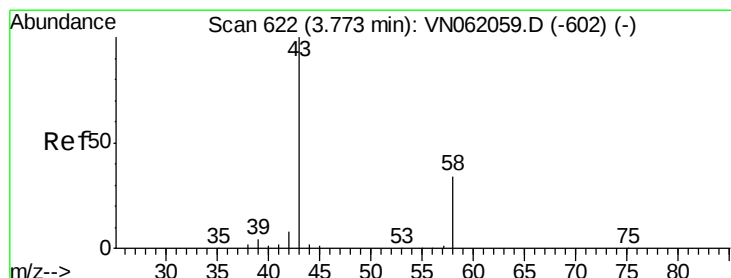
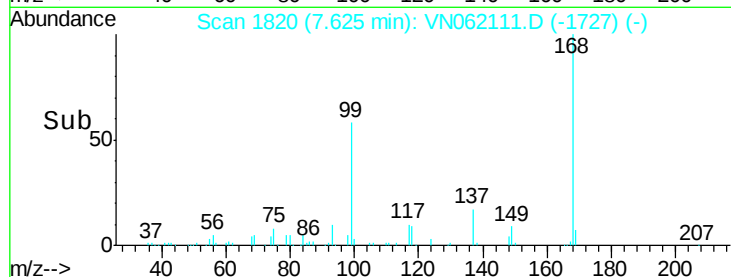
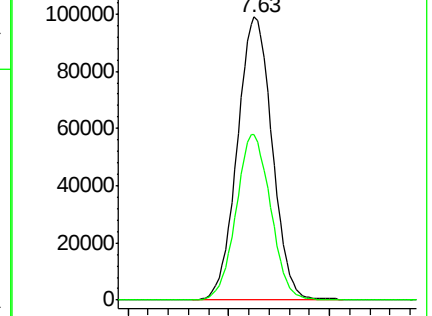
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.517 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.02 min

Lab File: VN062111.D

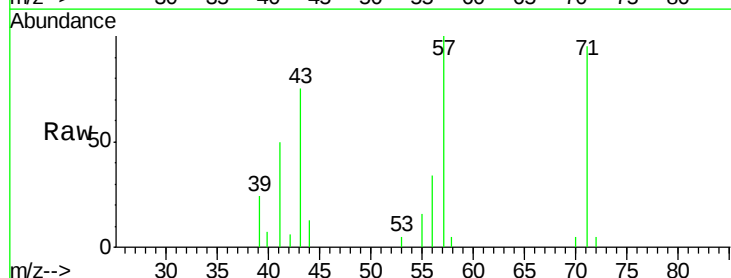
Acq: 25 Jun 2020 15:16

Tgt Ion: 43 Resp: 10933

Ion Ratio Lower Upper

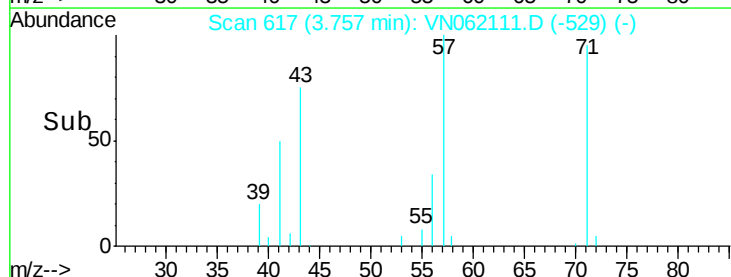
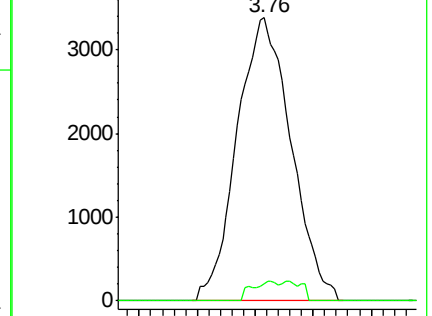
43 100

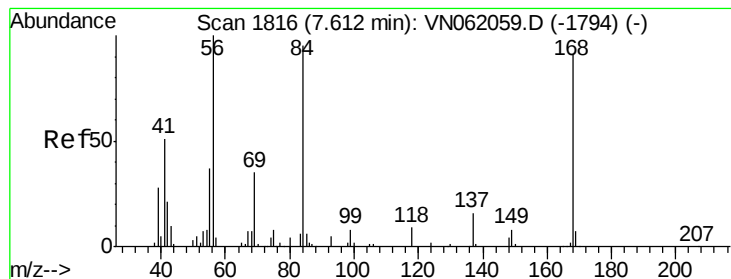
58 6.1 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 4.554 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

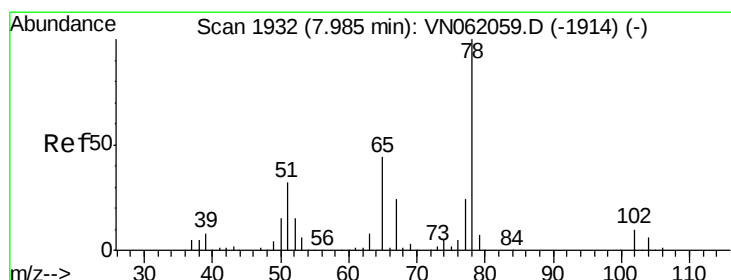
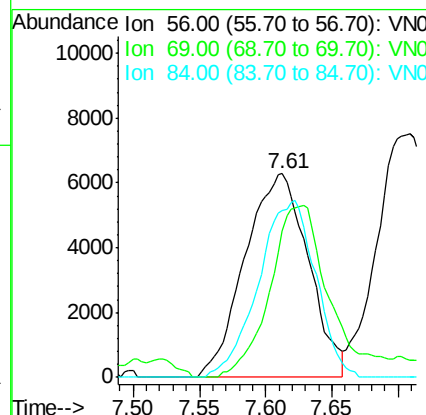
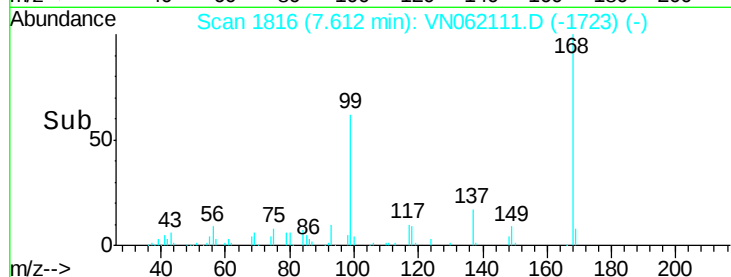
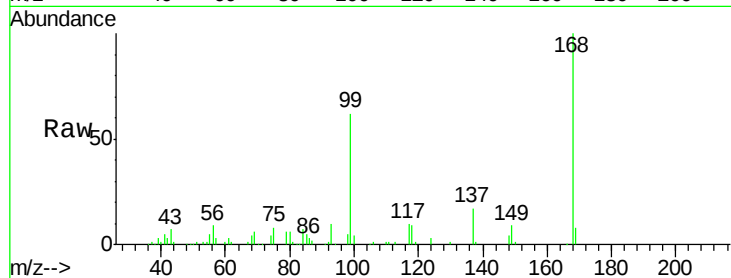
ClientSampled :

SB-A

Tot Ion	Ratio	Lower	Upper
56	100		
69	71.6	28.0	42.0#
84	82.0	76.1	114.1

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#33

1,2-Dichloroethane-d4

Concen: 48.001 ug/l

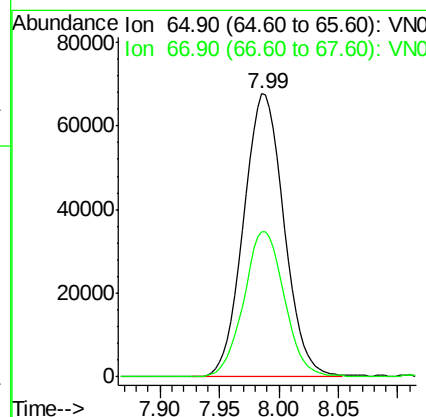
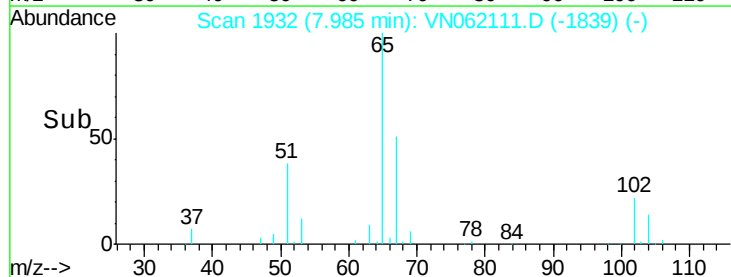
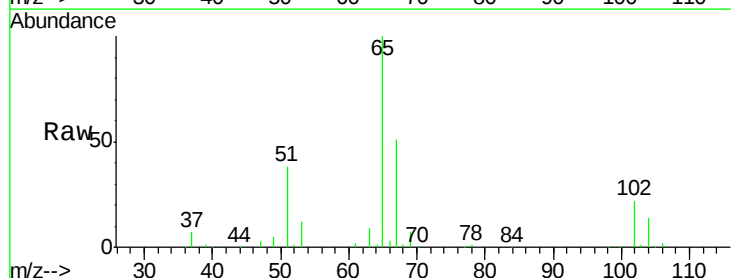
RT: 7.99 min Scan# 1932

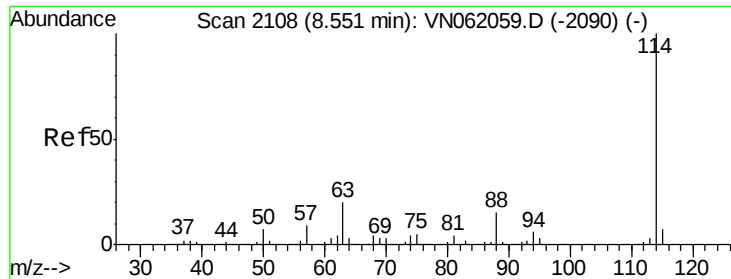
Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.2





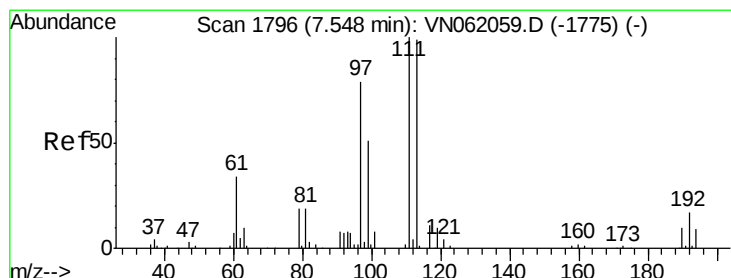
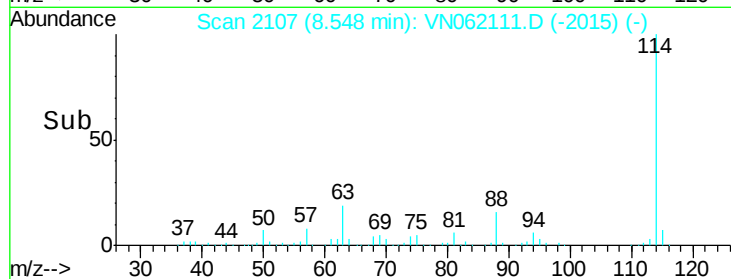
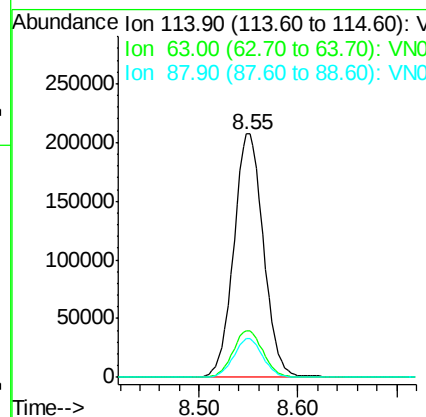
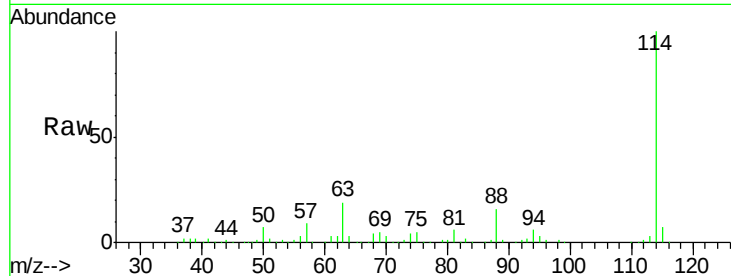
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampled :
SB-A

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.3	0.0	39.2
88	15.9	0.0	30.8

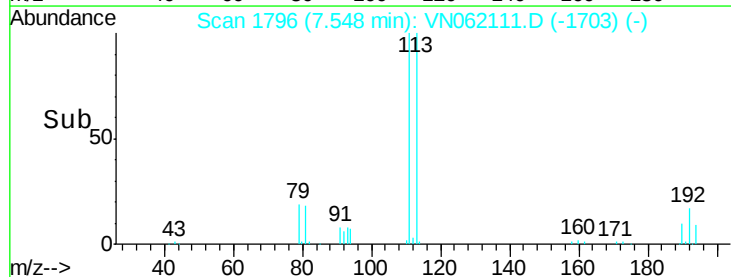
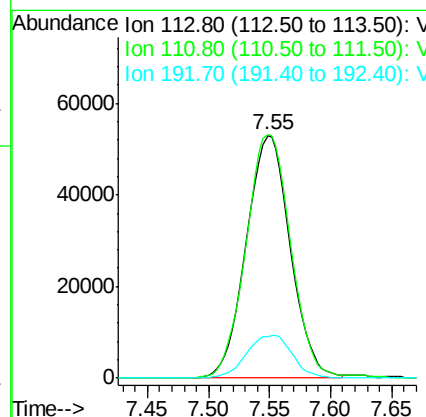
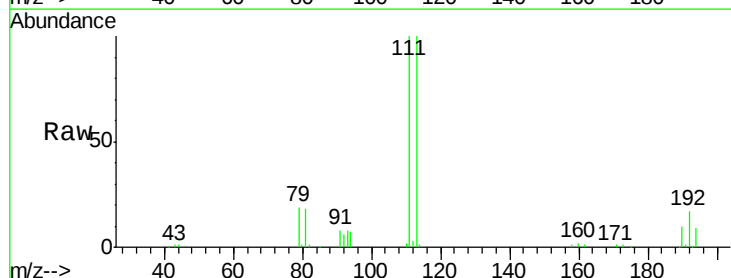
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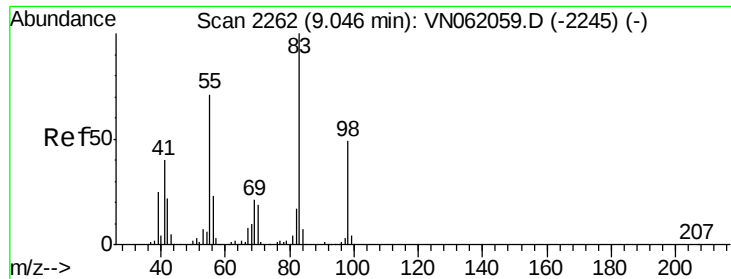
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#35
Dibromofluoromethane
Concen: 47.452 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.8	82.2	123.4
192	18.2	14.0	21.0





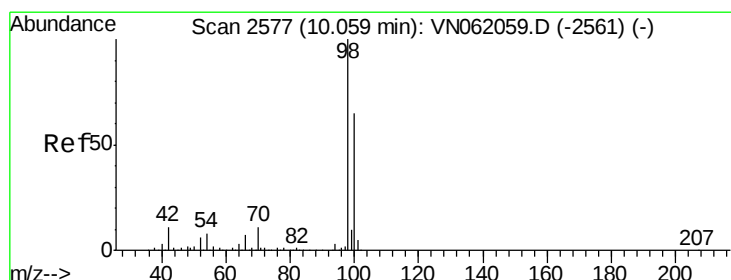
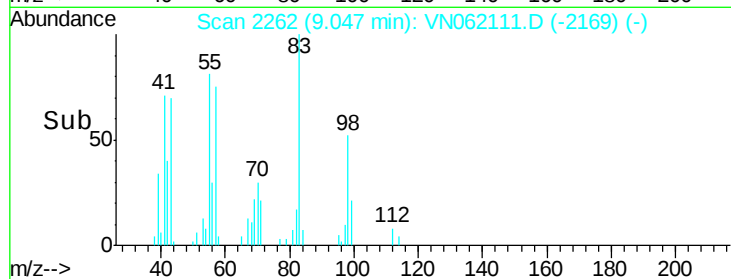
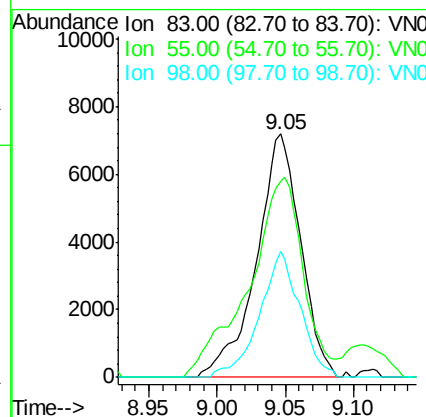
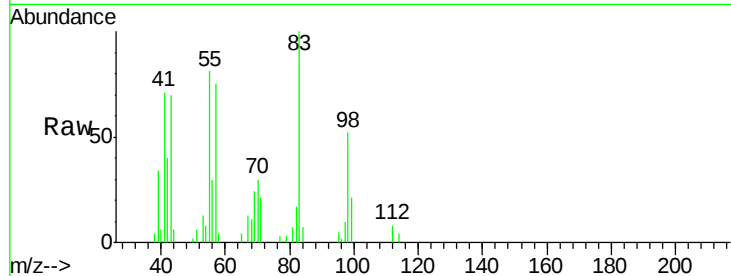
#39
Methvlcvclohexane
Concen: 3.369 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampled :
SB-A

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.6	57.0	85.6	
98	51.5	39.0	58.6	

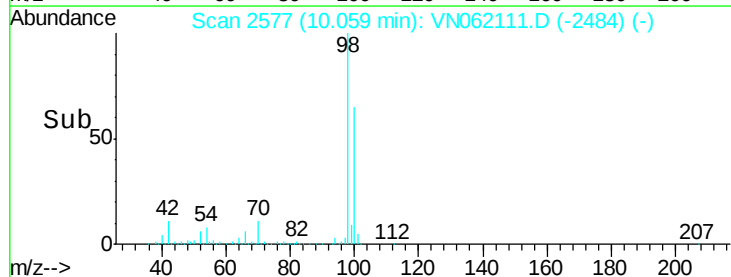
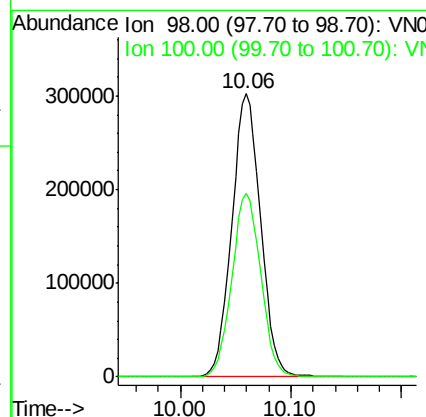
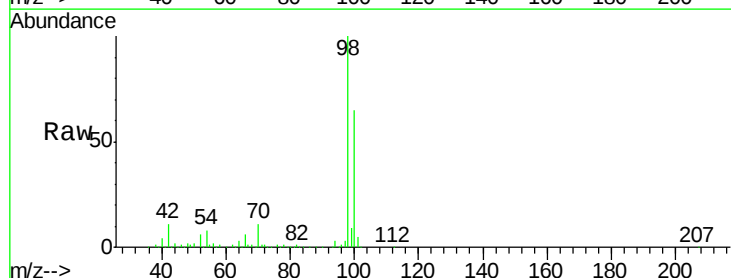
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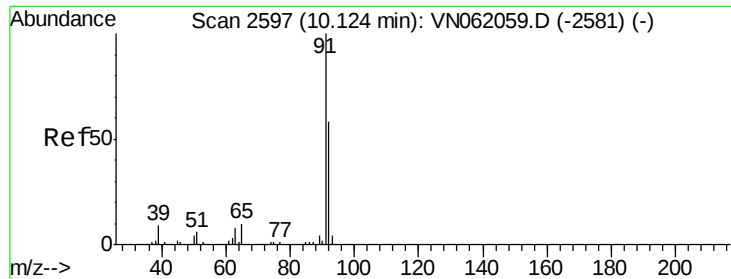
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#50
Toluene-d8
Concen: 49.064 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.9	51.2	76.8	





#52

Toluene

Concen: 24.180 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampleId :

SB-A

Tot Ion: 92 Resp: 196780

Ion Ratio Lower Upper

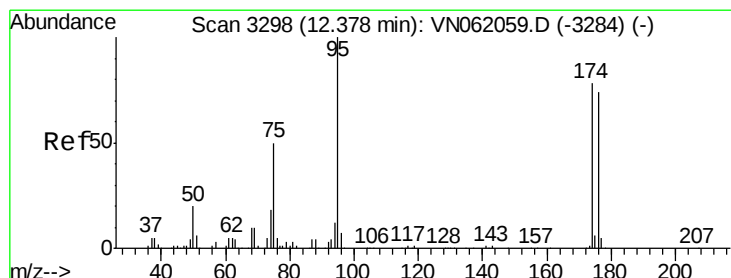
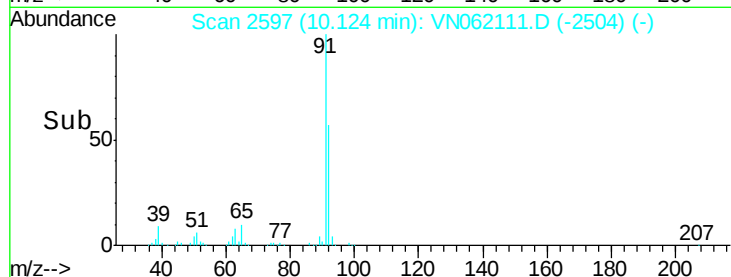
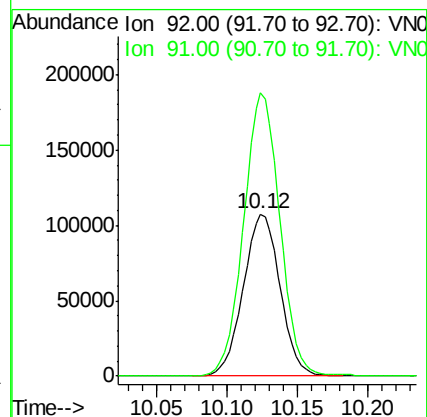
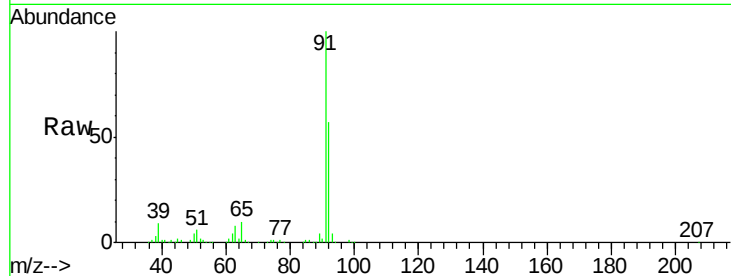
92 100

91 172.3 137.4 206.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.363 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

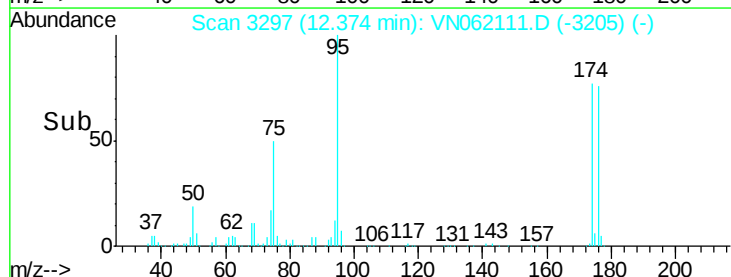
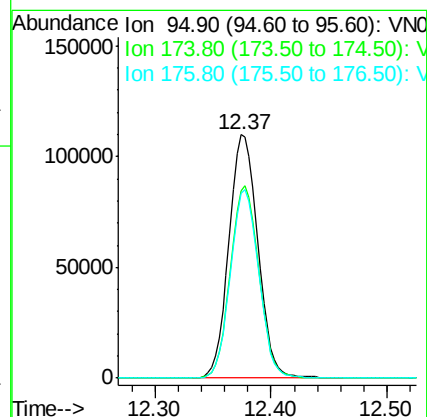
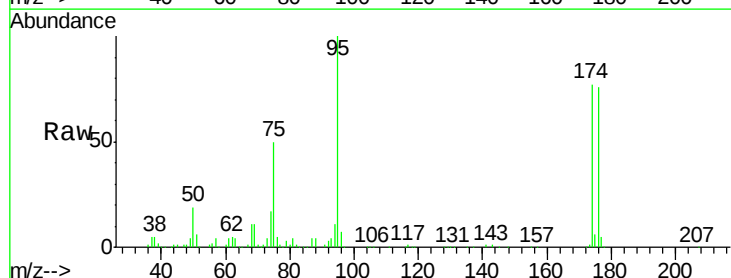
Tgt Ion: 95 Resp: 189968

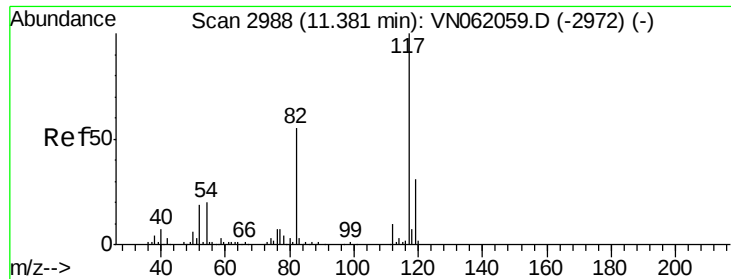
Ion Ratio Lower Upper

95 100

174 77.6 0.0 154.8

176 75.8 0.0 147.4





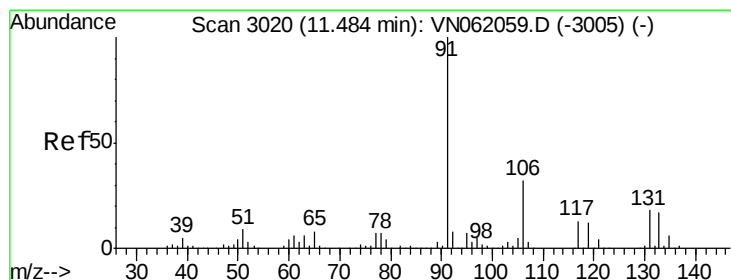
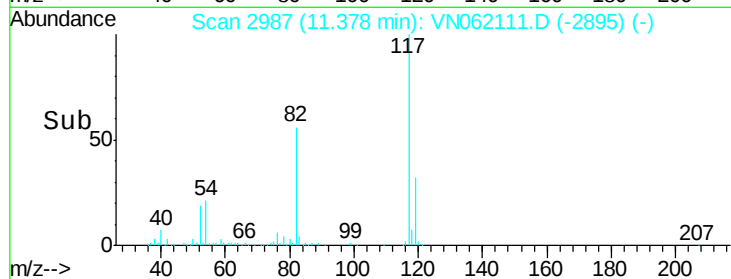
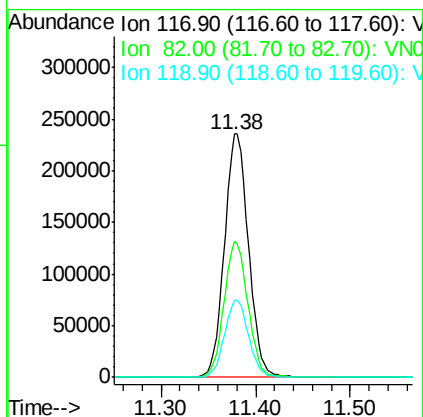
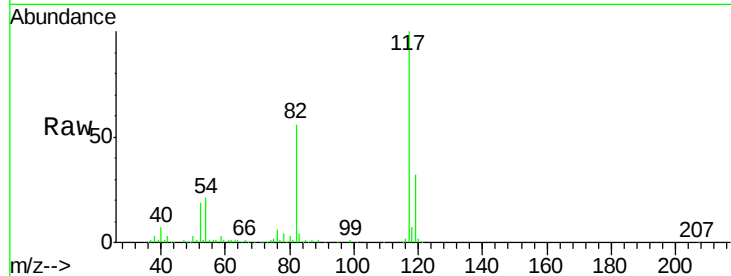
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampled :
SB-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.8	65.8
119	31.7	25.2	37.8

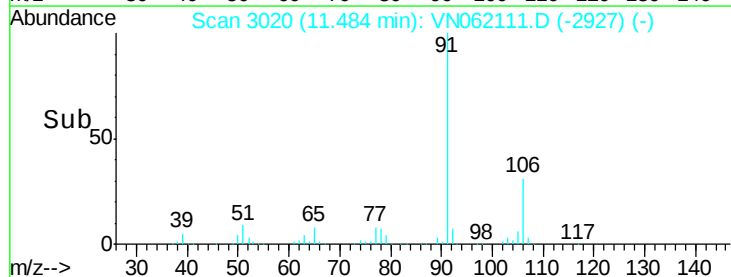
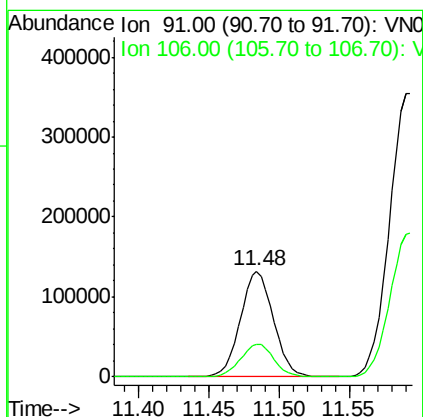
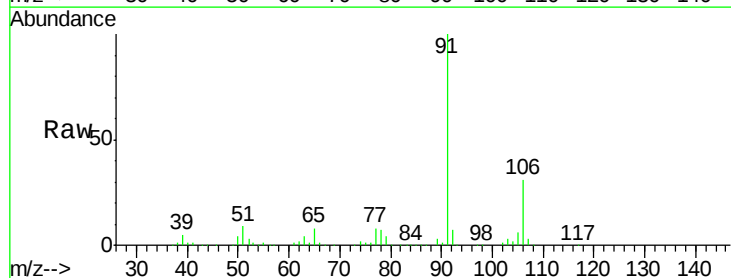
Manual Integrations
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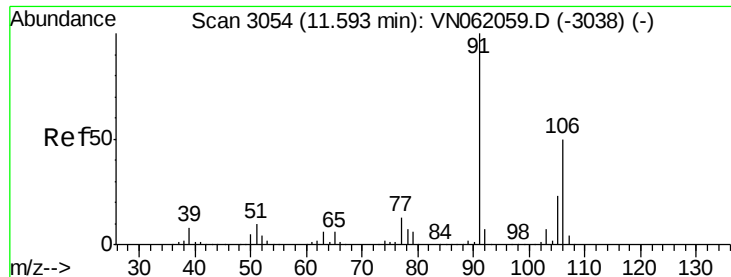
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#67
Ethyl Benzene
Concen: 14.068 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9





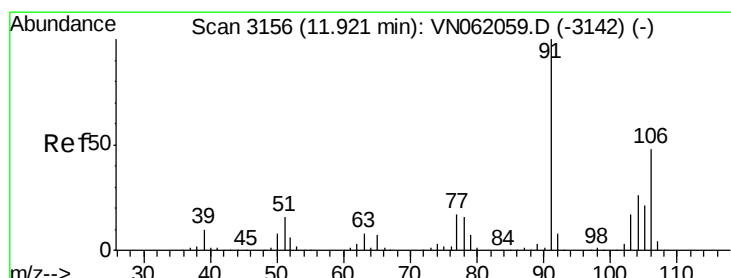
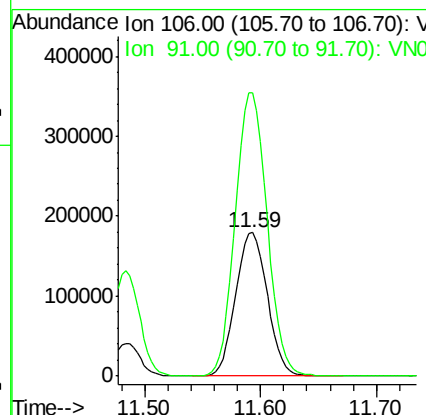
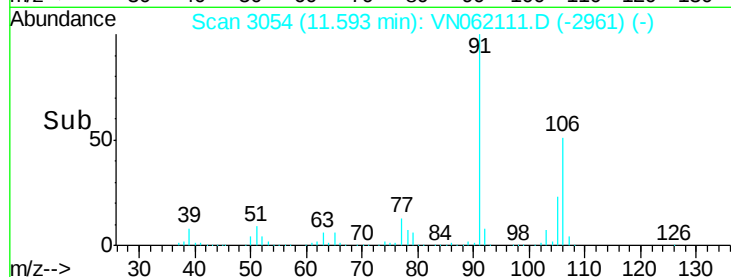
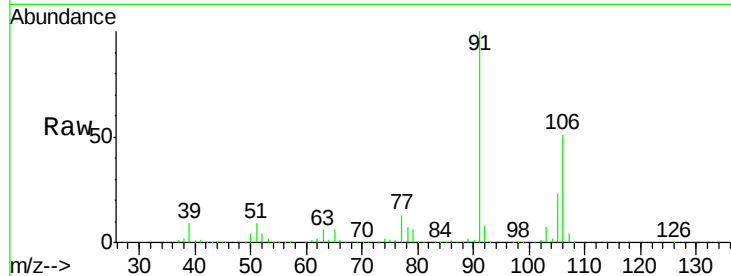
#68
m/p-Xylenes
Concen: 56.814 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampled :
SB-A

Tot Ion:106 Resp: 338884
Ion Ratio Lower Upper
106 100
91 198.0 157.8 236.8

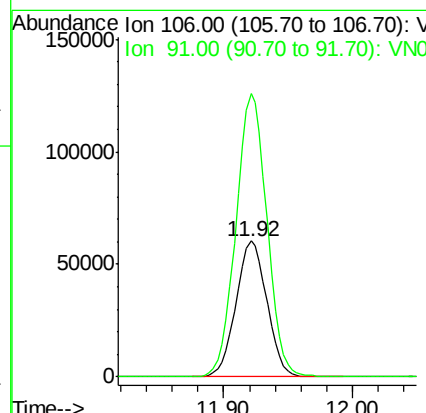
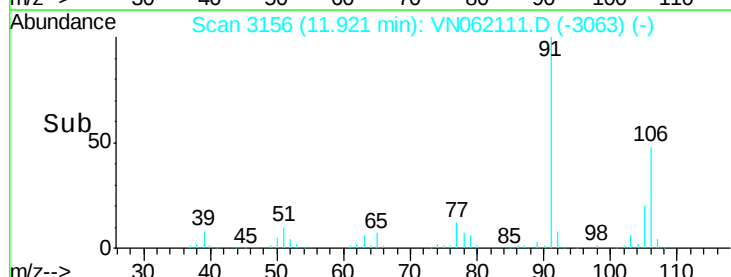
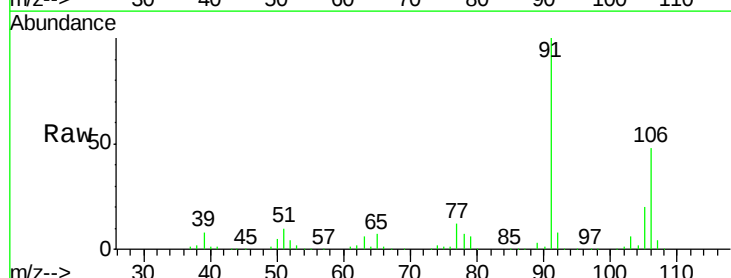
Manual Integrations
APPROVED

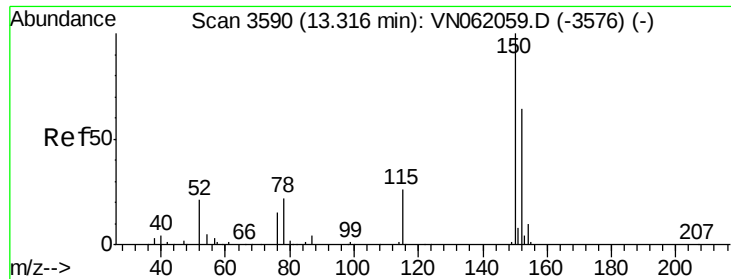
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#69
o-Xylene
Concen: 17.897 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Tgt Ion:106 Resp: 100719
Ion Ratio Lower Upper
106 100
91 208.4 104.0 311.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

Tot Ion:152 Resp: 170413

Ion Ratio Lower Upper

152 100

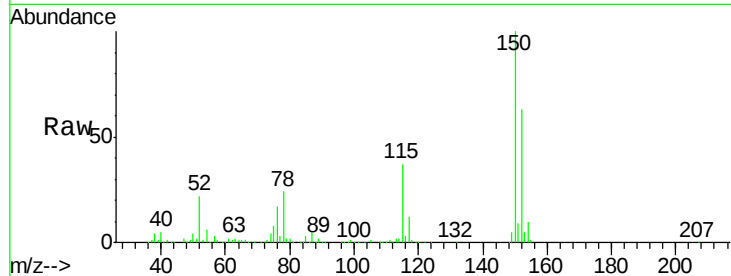
115 60.6 29.5 88.5

150 157.1 0.0 351.4

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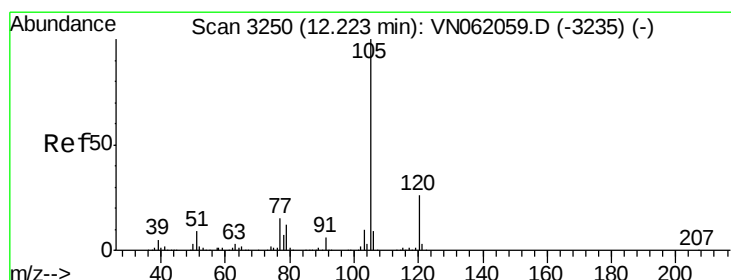
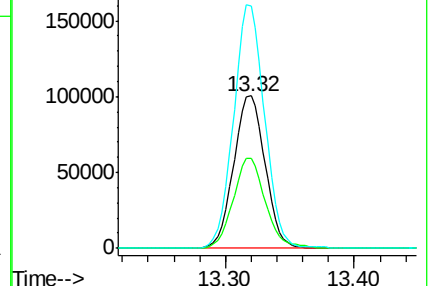
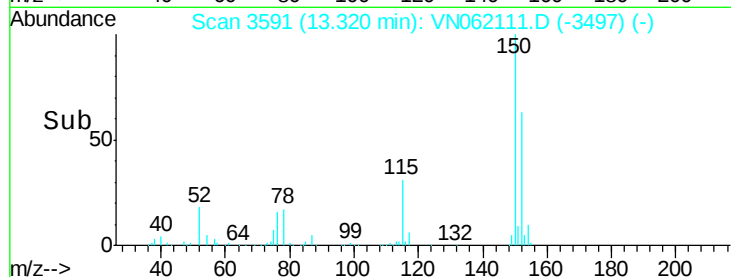
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.617 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062111.D

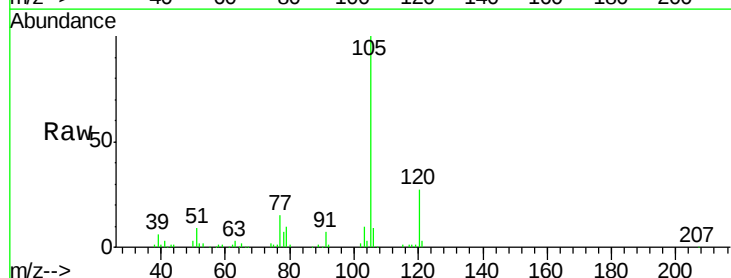
Acq: 25 Jun 2020 15:16

Tgt Ion:105 Resp: 87289

Ion Ratio Lower Upper

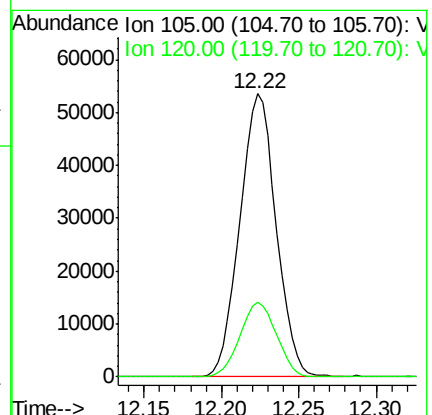
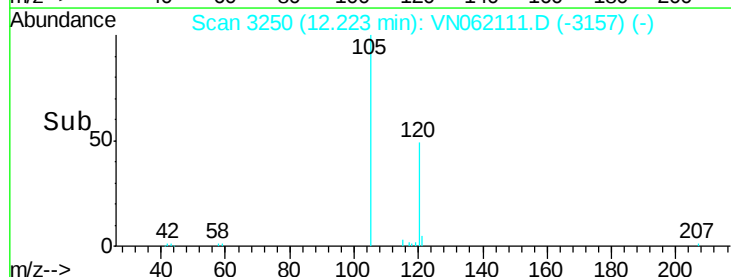
105 100

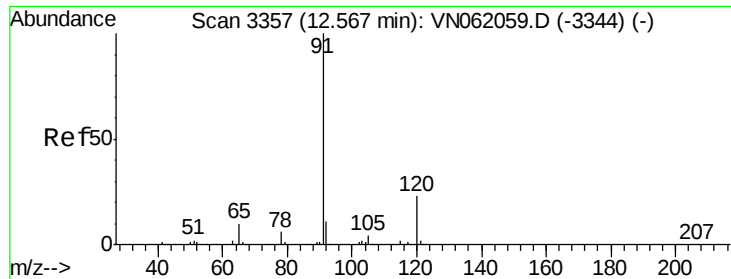
120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 9.259 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

Tot Ion: 91 Resp: 139710

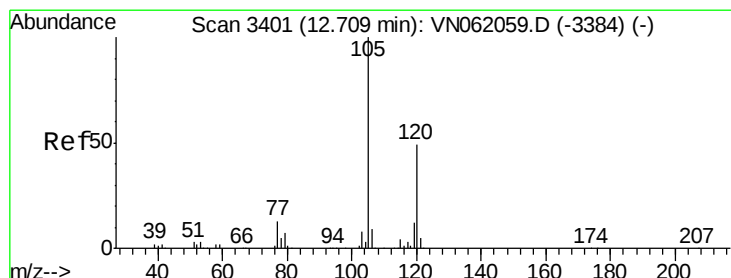
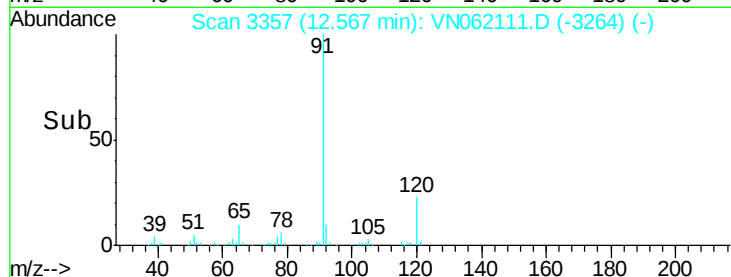
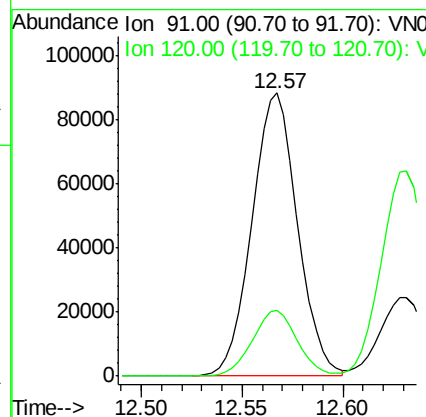
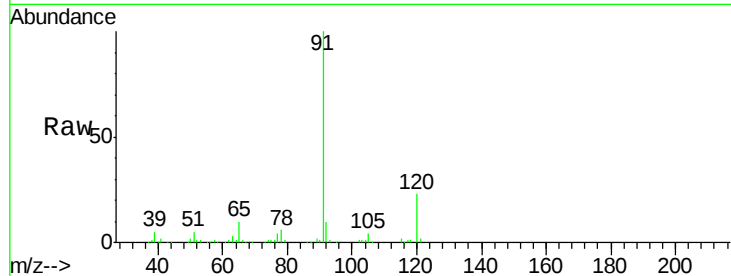
Ion Ratio Lower Upper

91 100

120 23.0 11.4 34.1

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#80

1,3,5-Trimethylbenzene

Concen: 12.577 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062111.D

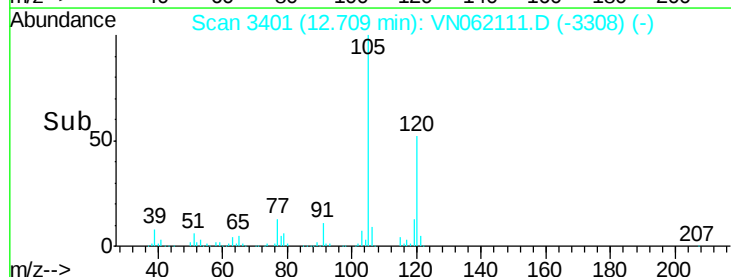
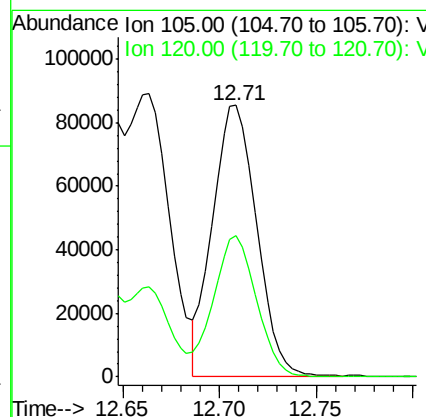
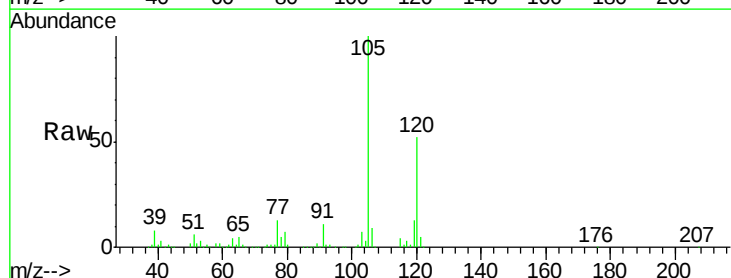
Acq: 25 Jun 2020 15:16

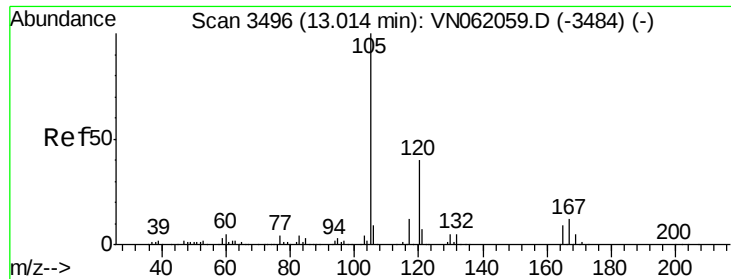
Tgt Ion: 105 Resp: 134493

Ion Ratio Lower Upper

105 100

120 51.9 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 39.645 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

ClientSampled :

SB-A

Tot Ion:105 Resp: 423414

Ion Ratio Lower Upper

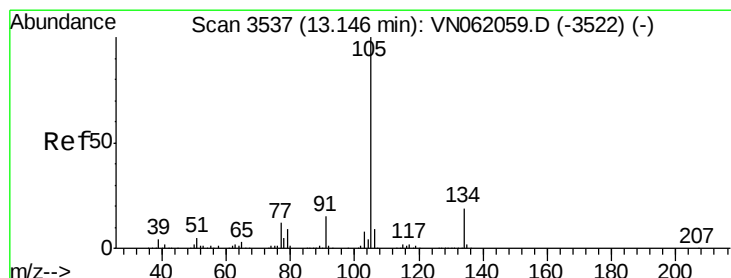
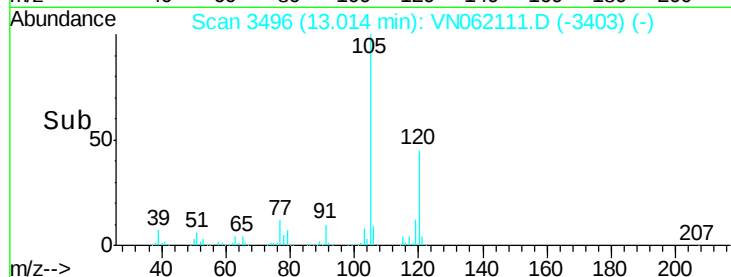
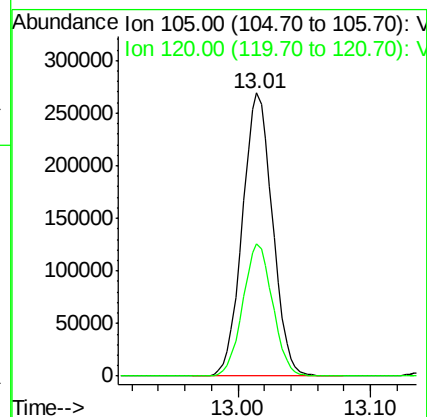
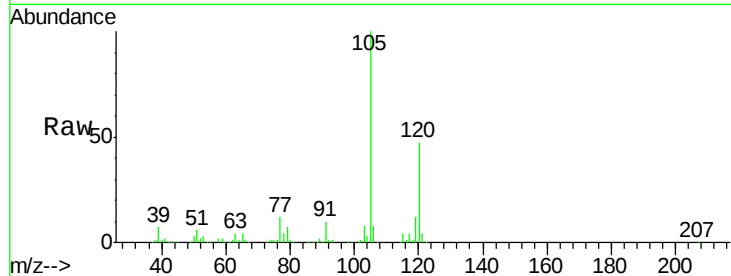
105 100

120 46.5 23.2 69.5

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#85

sec-Butylbenzene

Concen: 0.786 ug/l m

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062111.D

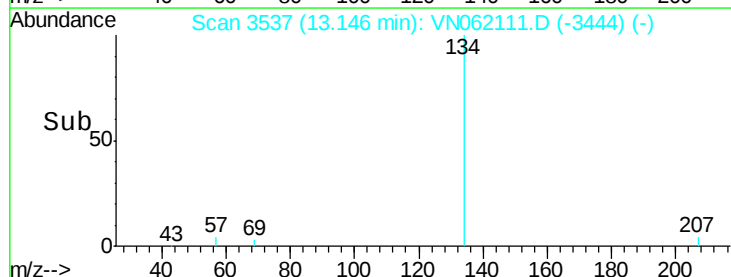
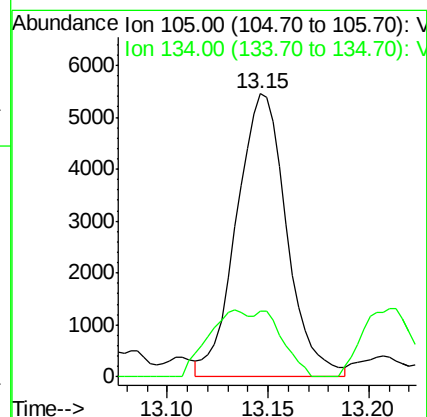
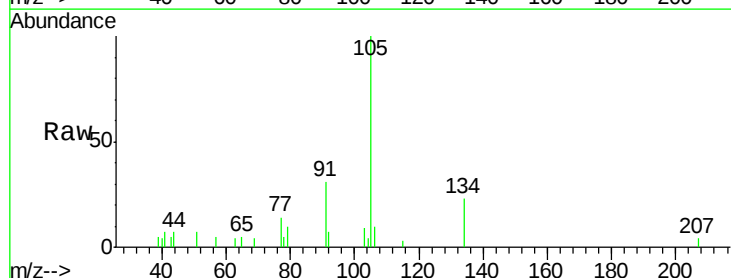
Acq: 25 Jun 2020 15:16

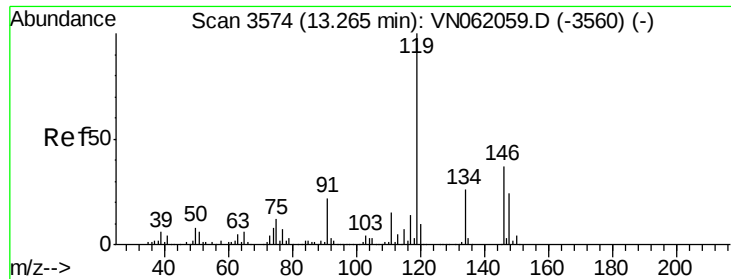
Tgt Ion:105 Resp: 9499

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 0.227 ug/l m

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Instrument :

MSVOA_N

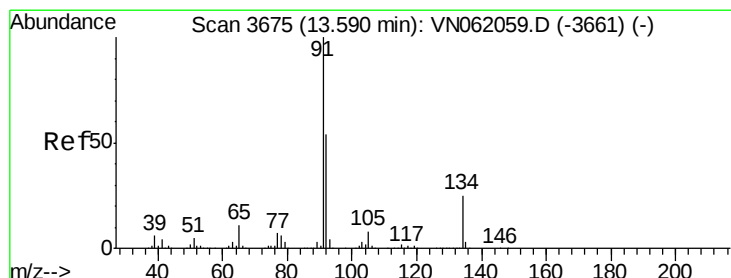
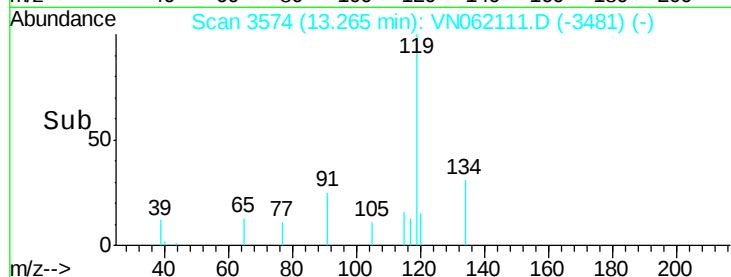
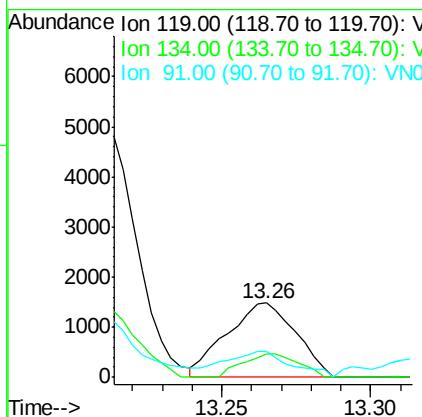
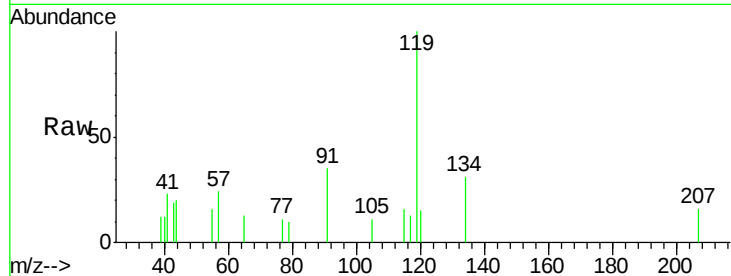
ClientSampled :

SB-A

Tot Ion:	119	Resp:	2404
Ion Ratio	Lower	Upper	
119	100		
134	95.9	13.0	39.0#
91	83.6	11.3	33.8#

Manual Integrations
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#89

n-Butylbenzene

Concen: 0.977 ug/l

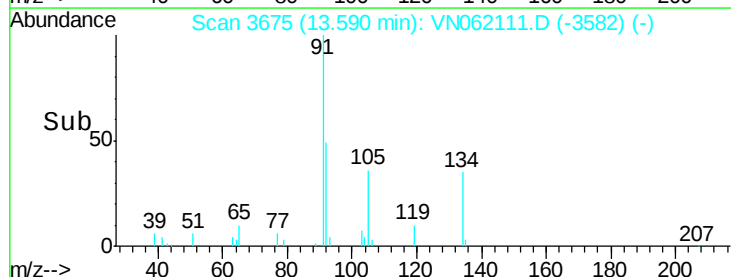
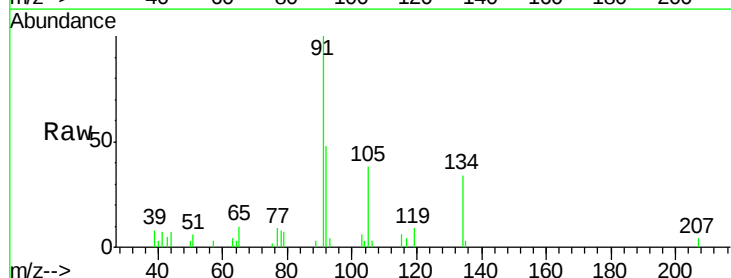
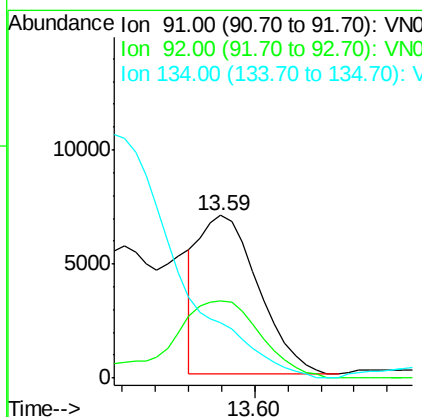
RT: 13.59 min Scan# 3675

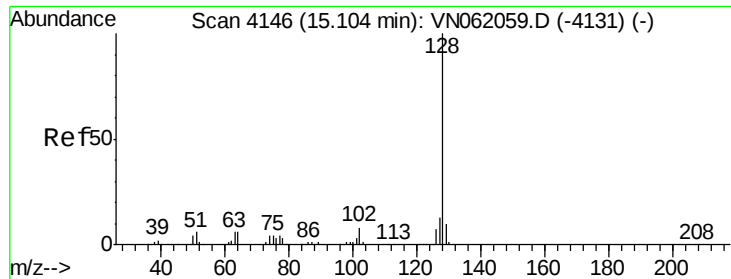
Delta R.T. 0.00 min

Lab File: VN062111.D

Acq: 25 Jun 2020 15:16

Tgt Ion:	91	Resp:	8606
Ion Ratio	Lower	Upper	
91	100		
92	76.6	26.6	79.7
134	0.0	12.3	36.9#





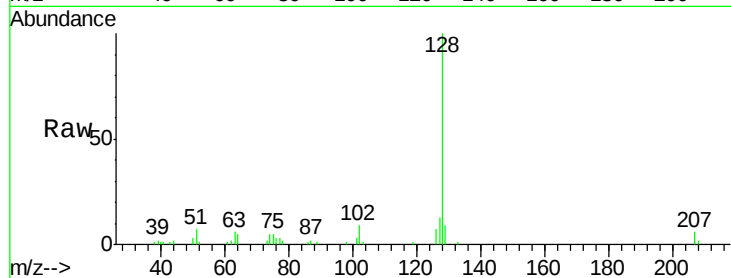
#95
Naphthalene
Concen: 6.989 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062111.D
Acq: 25 Jun 2020 15:16

Instrument :
MSVOA_N
ClientSampleId :
SB-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

