

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062112.D
 Acq On : 25 Jun 2020 15:41
 Operator : JC/MD
 Sample : L3071-04 100X
 Misc : 10.62g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-B

Quant Time: Jun 26 03:33:13 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	237419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158671	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	7.55	113	137259	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	10.06	98	552555	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.37	95	188801	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	

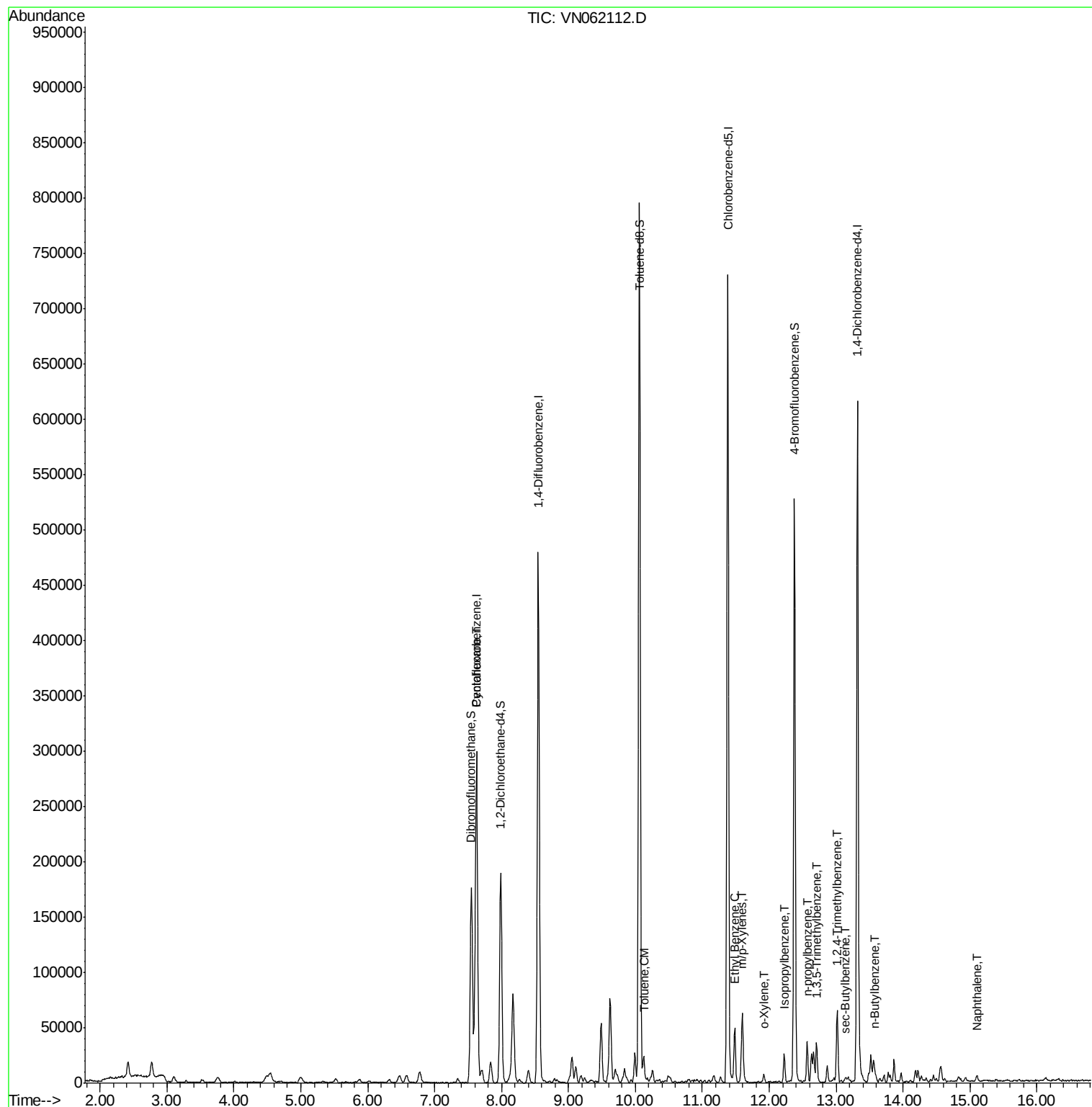
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.62	56	10087	2.191	ug/l #	51
52) Toluene	10.13	92	9759	1.178	ug/l	100
67) Ethyl Benzene	11.48	91	35839	2.285	ug/l	98
68) m/p-Xylenes	11.60	106	20543	3.386	ug/l	96
69) o-Xylene	11.92	106	2197	0.384	ug/l	93
73) Isopropylbenzene	12.22	105	18412	1.430	ug/l	97
78) n-propylbenzene	12.57	91	30600	2.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	18380	1.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	38133	3.659	ug/l	99
85) sec-Butylbenzene	13.14	105	2542	0.215	ug/l	99
89) n-Butylbenzene	13.59	91	3891	0.453	ug/l #	82
95) Naphthalene	15.11	128	5711	4.658	ug/l #	87

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

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SB-B

Quant Time: Jun 26 03:33:13 2020
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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: VN062112.D

Acq: 25 Jun 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

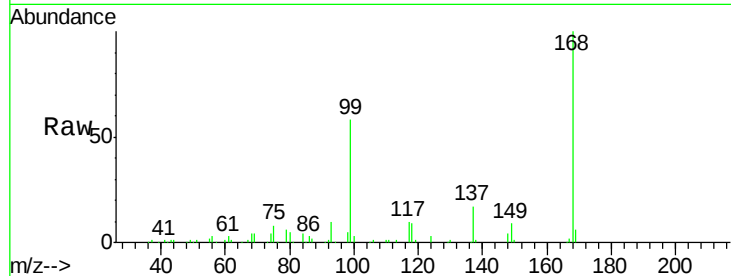
SB-B

Tot Ion:168 Resp: 237419

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

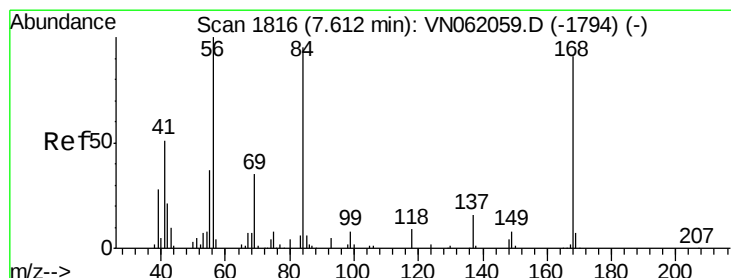
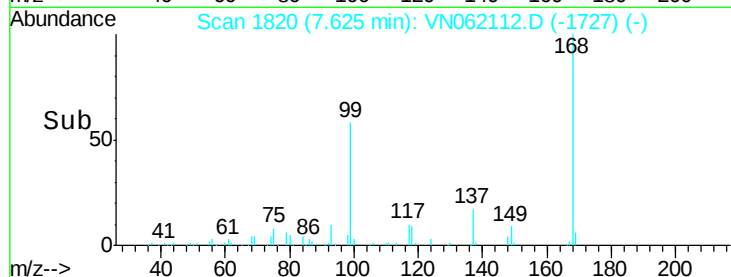
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#31

Cyclohexane

Concen: 2.191 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

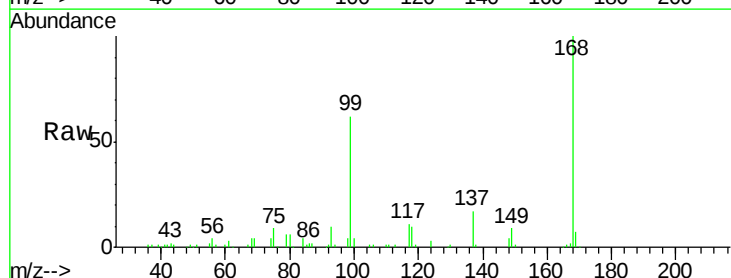
Tgt Ion: 56 Resp: 10087

Ion Ratio Lower Upper

56 100

69 115.0 28.0 42.0#

84 110.8 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

7.62

6000

5000

4000

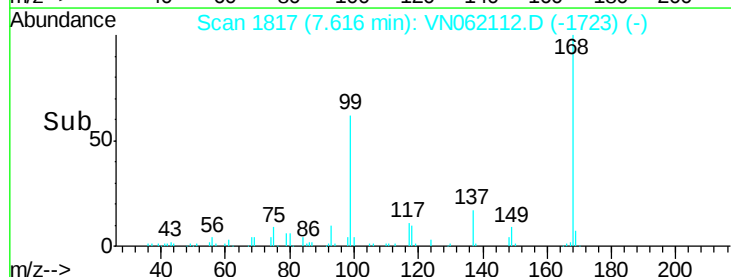
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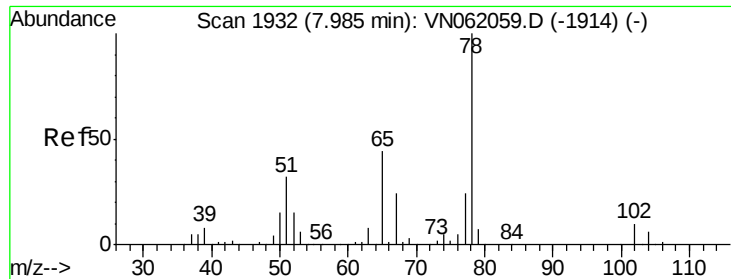
2000

1000

0

Time--> 7.50 7.55 7.60 7.65 7.70

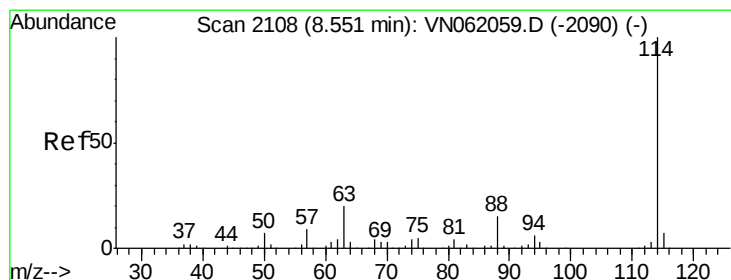
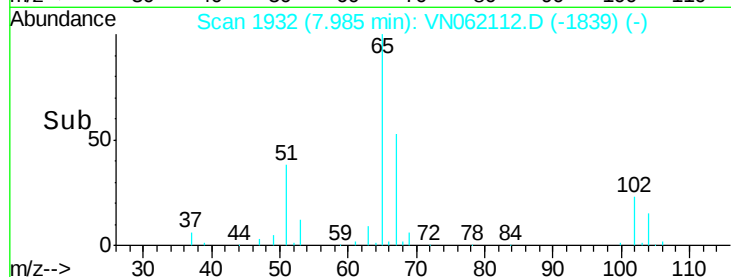
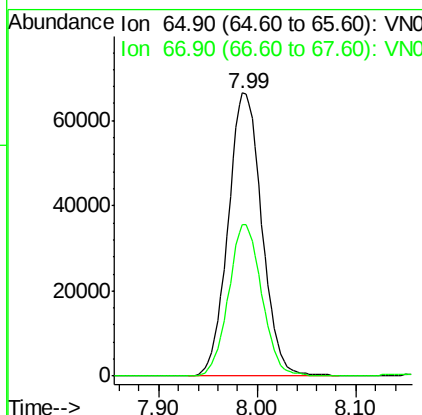
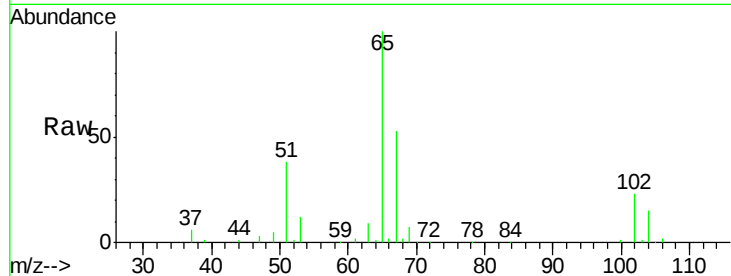




#33
 1,2-Dichloroethane-d4
 Concen: 47.623 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062112.D
 Acq: 25 Jun 2020 15:41

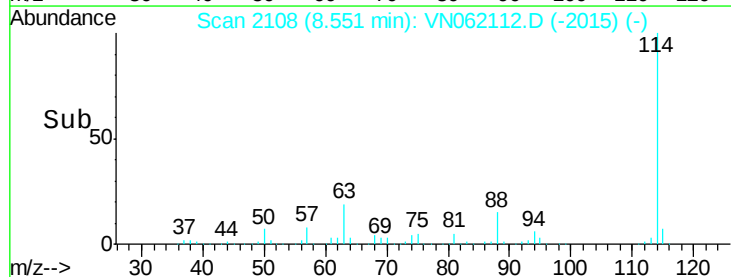
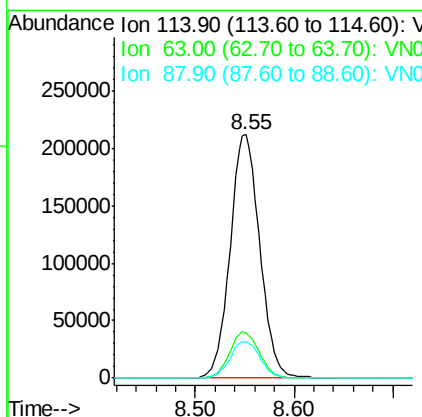
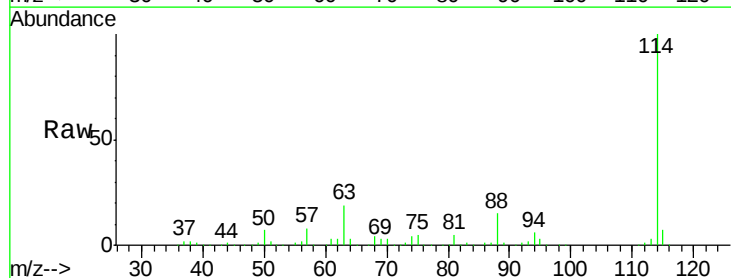
Instrument :
 MSVOA_N
 ClientSampled :
 SB-B

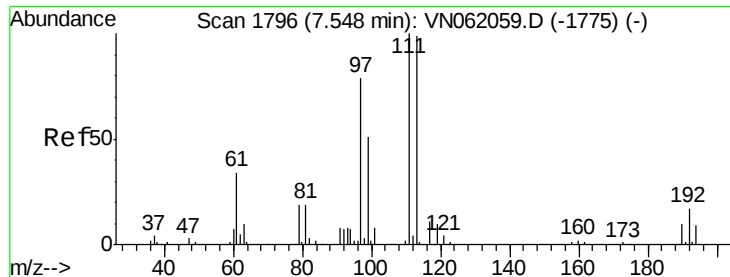
Tot Ion: 65 Resp: 158671
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062112.D
 Acq: 25 Jun 2020 15:41

Tgt Ion: 114 Resp: 443304
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 30.8

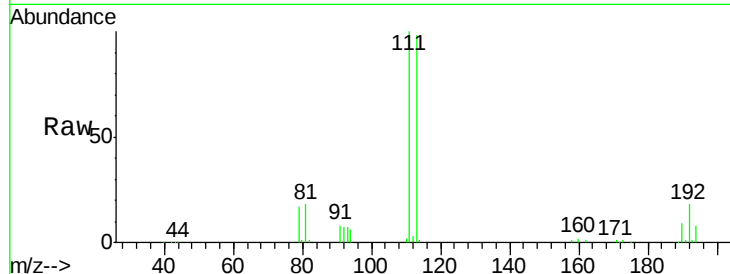




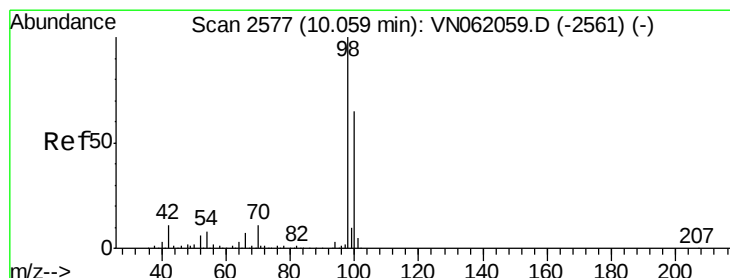
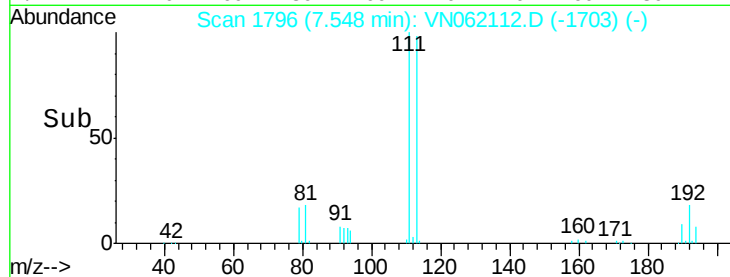
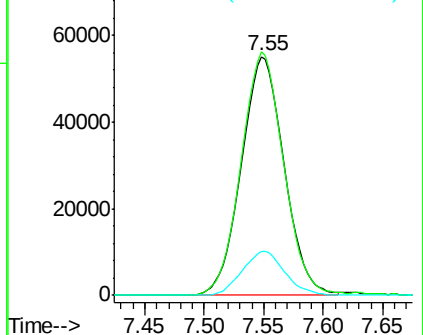
#35
 Dibromofluoromethane
 Concen: 48.263 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062112.D
 Acq: 25 Jun 2020 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-B

Tot Ion:113 Resp: 137259
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.4
 192 18.3 14.0 21.0

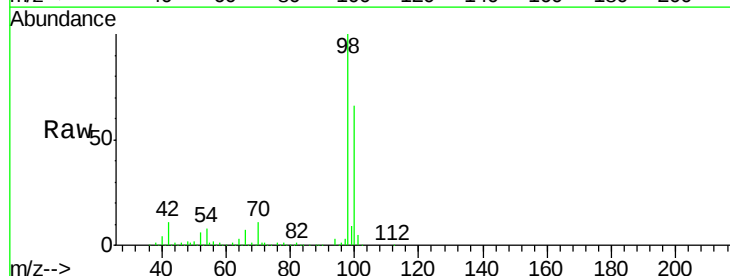


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

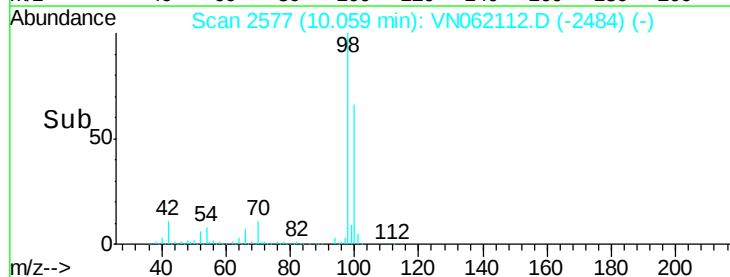
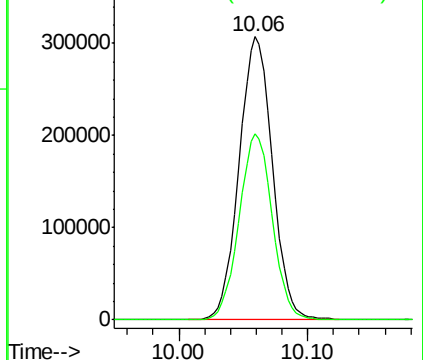


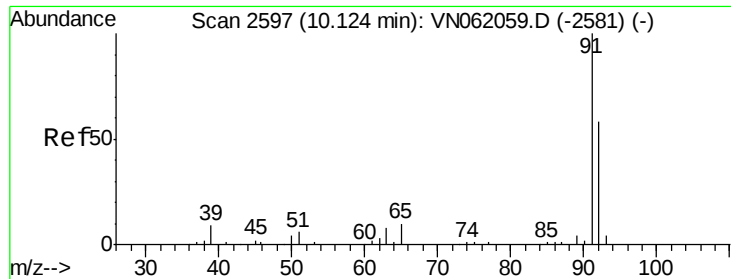
#50
 Toluene-d8
 Concen: 48.604 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062112.D
 Acq: 25 Jun 2020 15:41

Tgt Ion: 98 Resp: 552555
 Ion Ratio Lower Upper
 98 100
 100 65.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 1.178 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

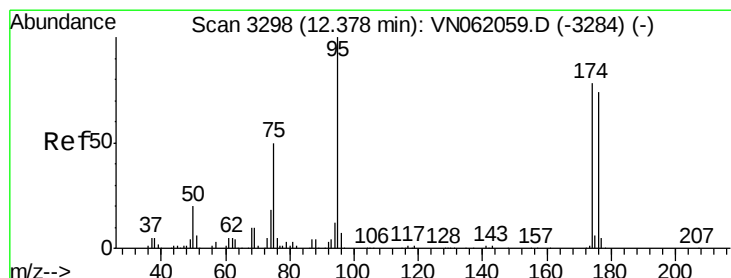
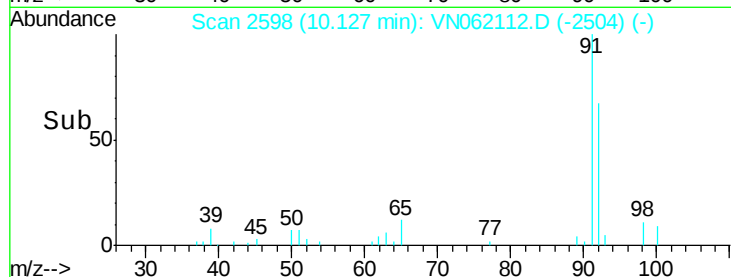
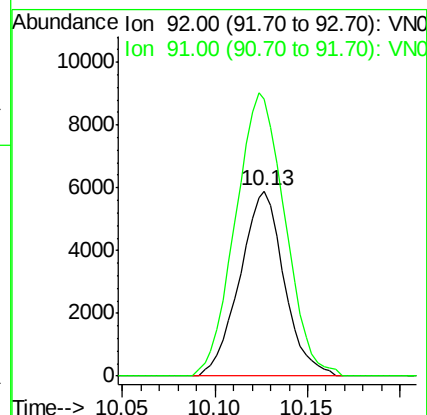
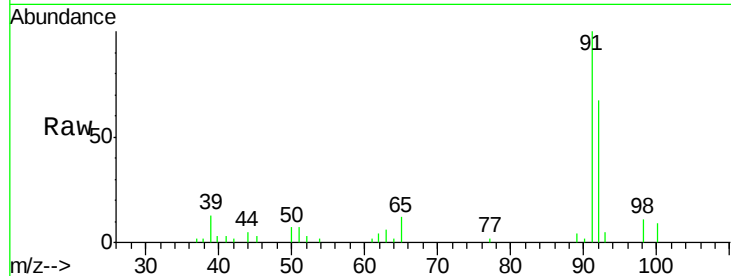
SB-B

Tot Ion: 92 Resp: 9759

Ion Ratio Lower Upper

92 100

91 171.2 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 49.155 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

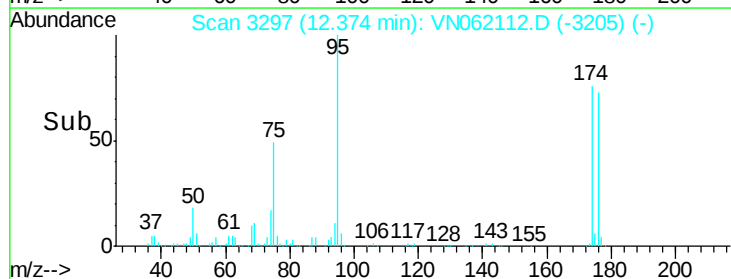
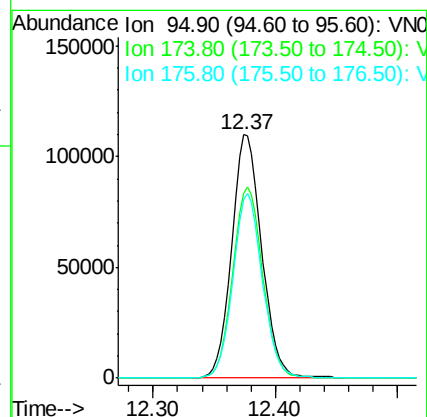
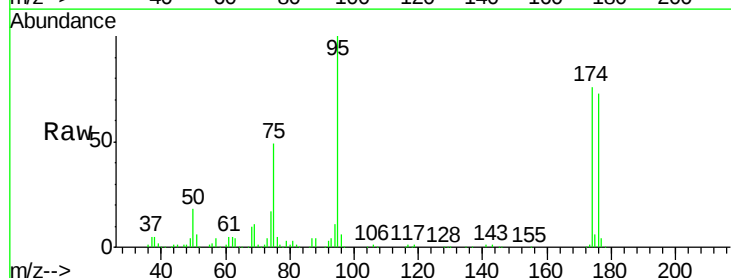
Tgt Ion: 95 Resp: 188801

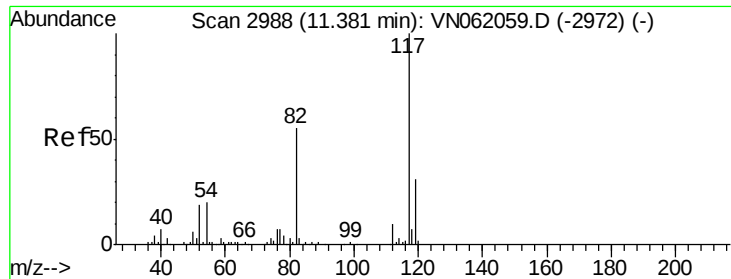
Ion Ratio Lower Upper

95 100

174 78.4 0.0 154.8

176 74.3 0.0 147.4

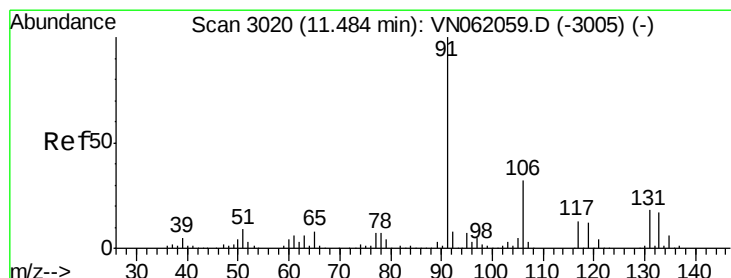
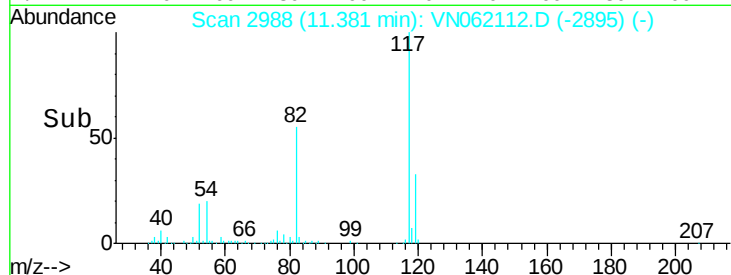
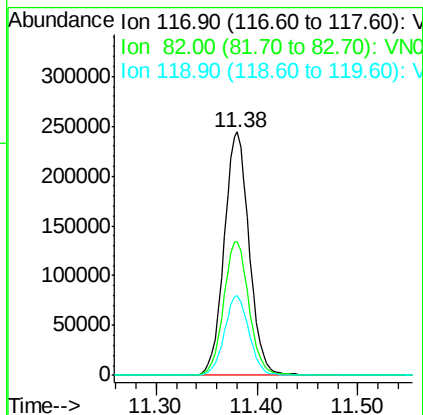
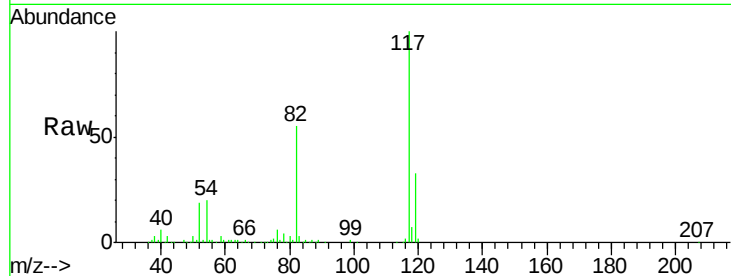




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062112.D
Acq: 25 Jun 2020 15:41

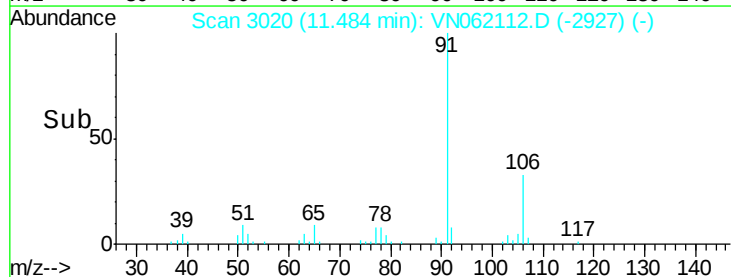
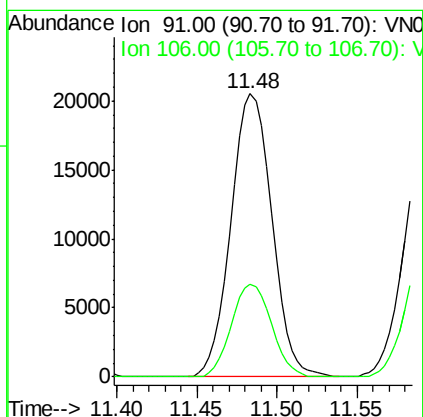
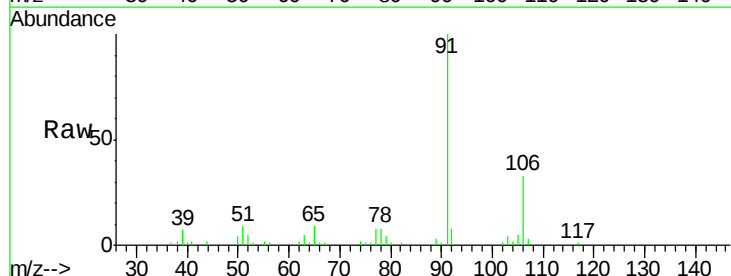
Instrument :
MSVOA_N
ClientSampleId :
SB-B

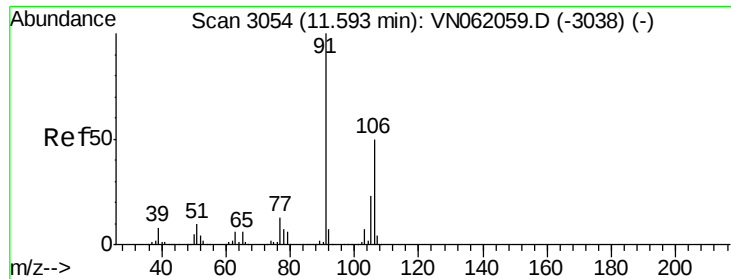
Tot Ion:117 Resp: 422929
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.6 25.2 37.8



#67
Ethyl Benzene
Concen: 2.285 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062112.D
Acq: 25 Jun 2020 15:41

Tgt Ion: 91 Resp: 35839
Ion Ratio Lower Upper
91 100
106 32.7 25.3 37.9

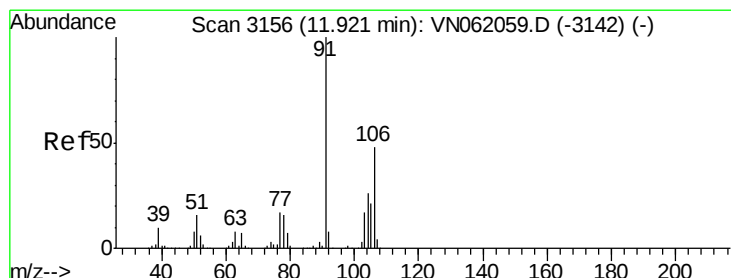
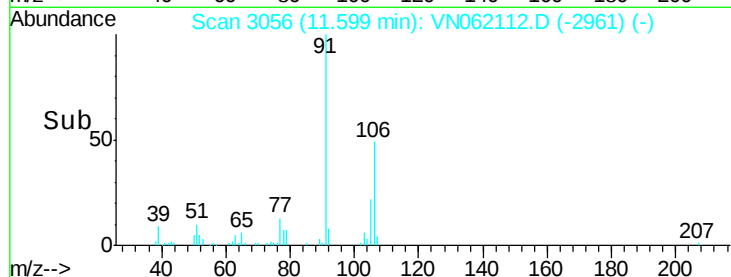
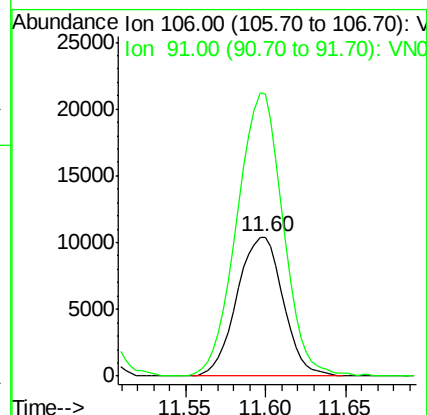
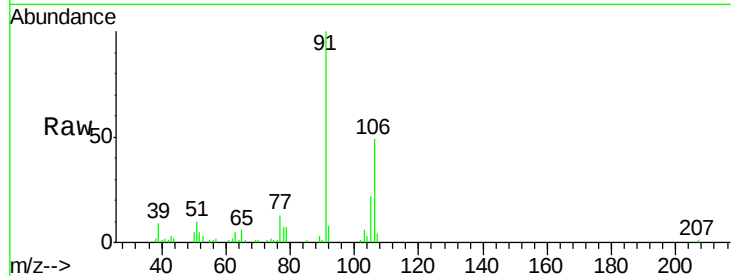




#68
m/p-Xylenes
Concen: 3.386 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062112.D
Acq: 25 Jun 2020 15:41

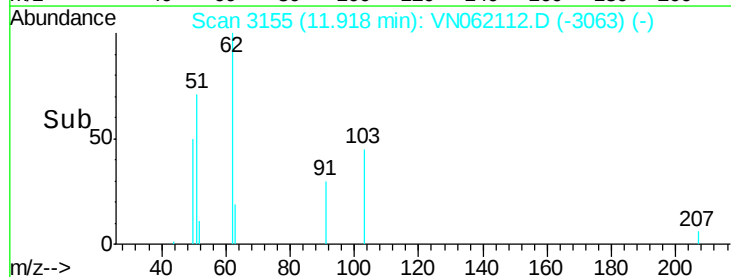
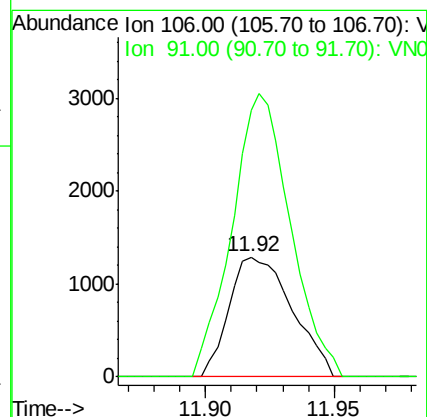
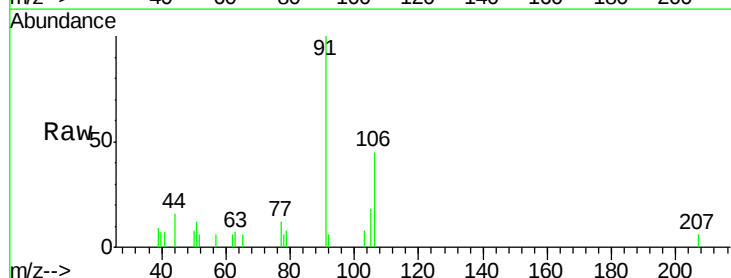
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MSVOA_N
ClientSampled :
SB-B

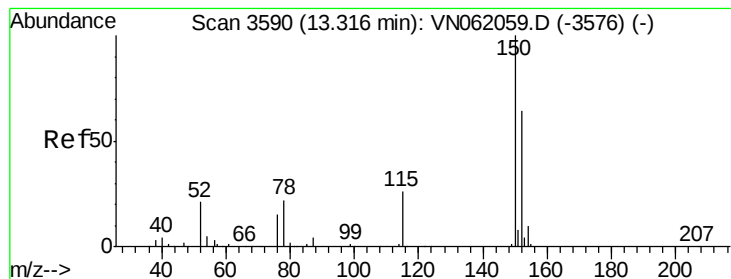
Tot Ion:106 Resp: 20543
Ion Ratio Lower Upper
106 100
91 203.2 157.8 236.8



#69
o-Xylene
Concen: 0.384 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN062112.D
Acq: 25 Jun 2020 15:41

Tgt Ion:106 Resp: 2197
Ion Ratio Lower Upper
106 100
91 218.7 104.0 311.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

SB-B

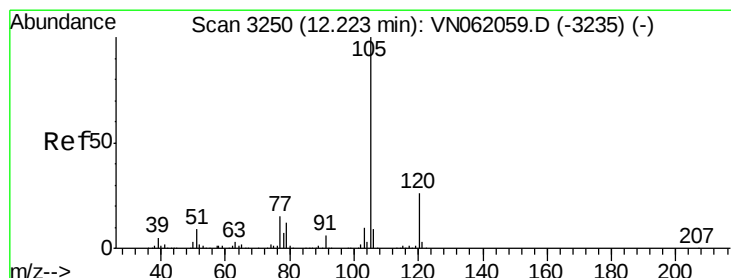
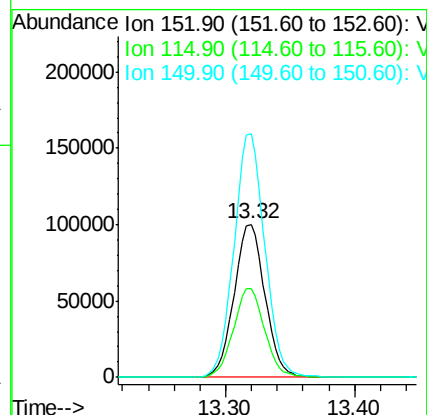
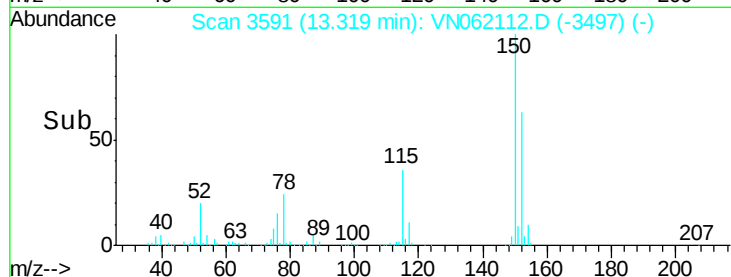
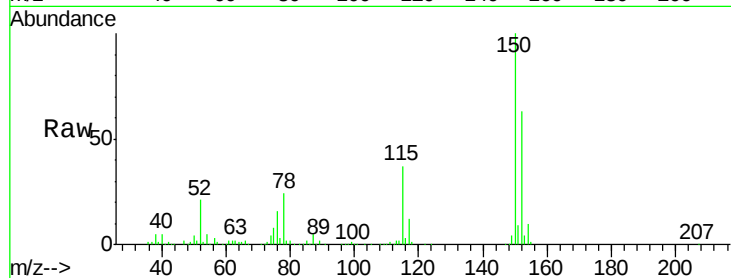
Tot Ion:152 Resp: 166286

Ion Ratio Lower Upper

152 100

115 59.0 29.5 88.5

150 158.9 0.0 351.4



#73

Isopropylbenzene

Concen: 1.430 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062112.D

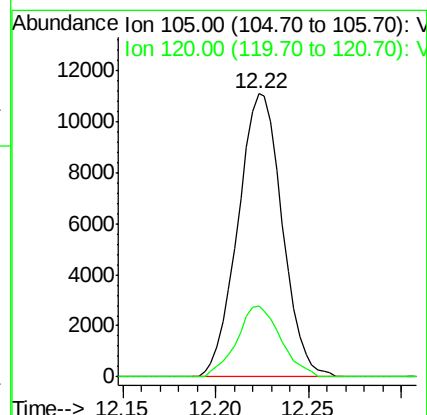
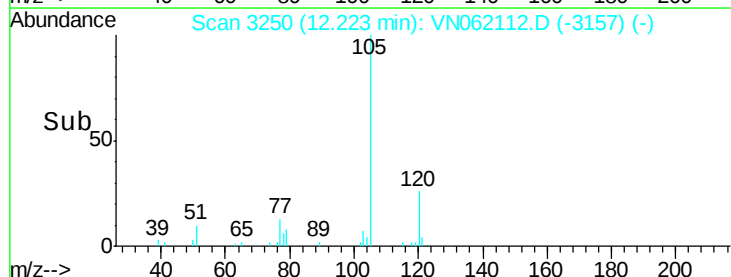
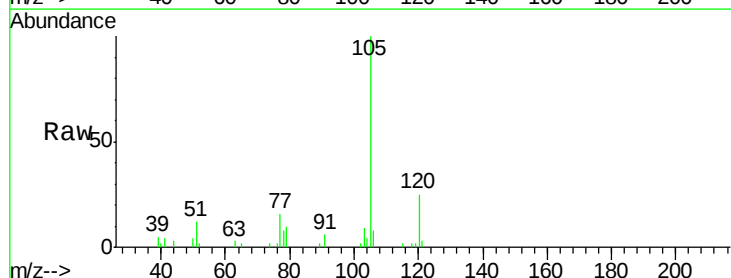
Acq: 25 Jun 2020 15:41

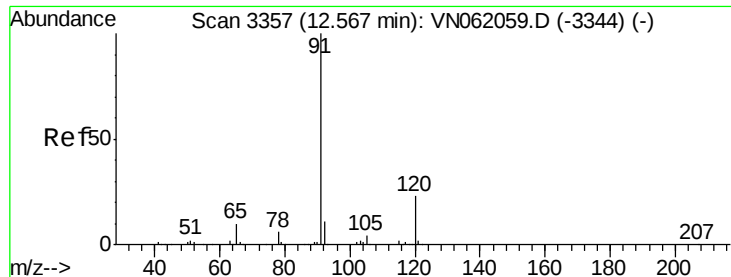
Tgt Ion:105 Resp: 18412

Ion Ratio Lower Upper

105 100

120 24.7 13.2 39.6





#78

n-propylbenzene

Concen: 2.078 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

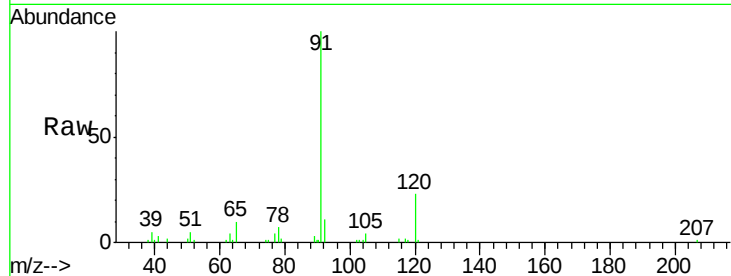
SB-B

Tot Ion: 91 Resp: 30600

Ion Ratio Lower Upper

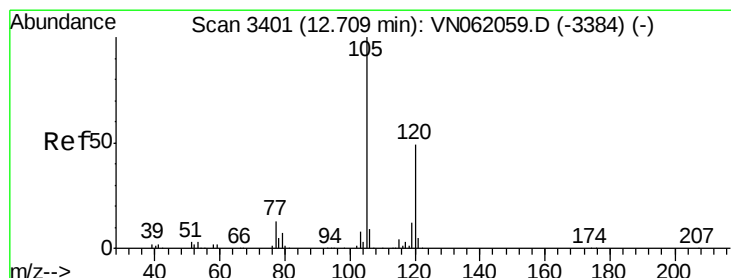
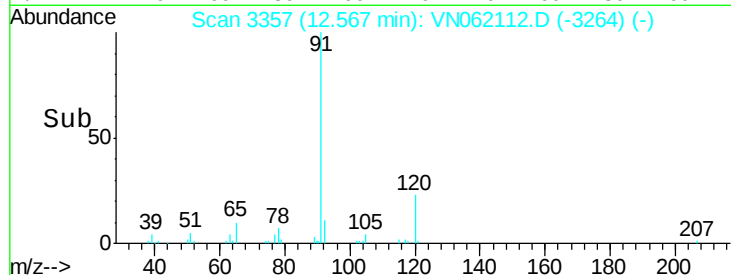
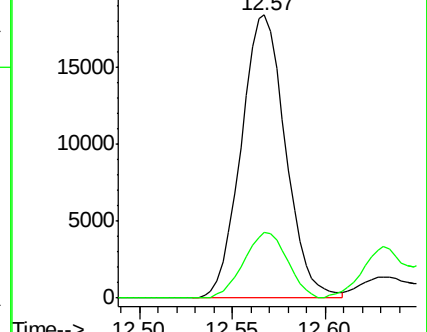
91 100

120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN062112.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN062112.D (-3264) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.761 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062112.D

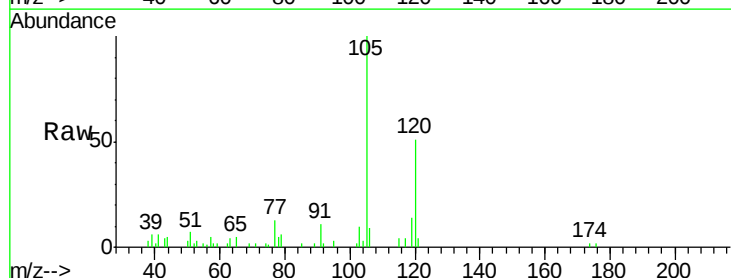
Acq: 25 Jun 2020 15:41

Tgt Ion:105 Resp: 18380

Ion Ratio Lower Upper

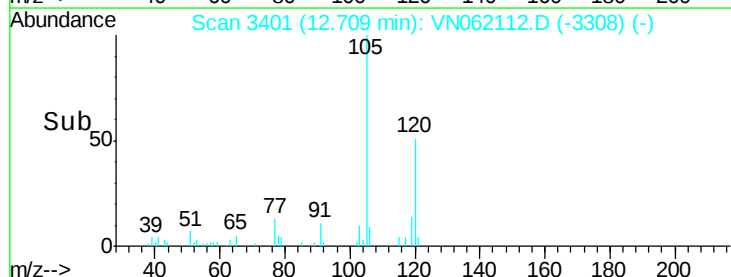
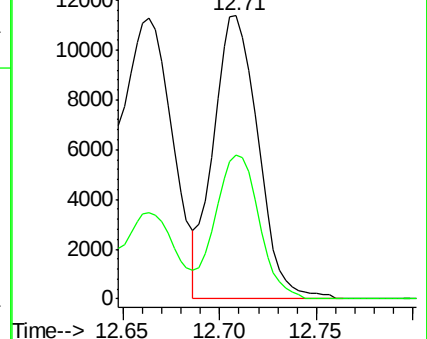
105 100

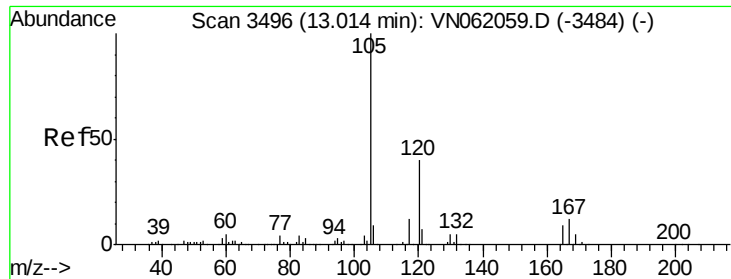
120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062112.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062112.D (-3308) (-)





#84

1,2,4-Trimethylbenzene

Concen: 3.659 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

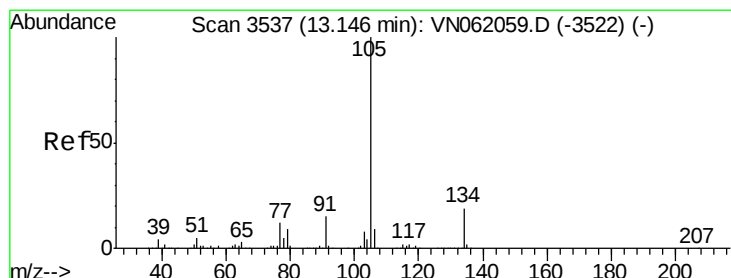
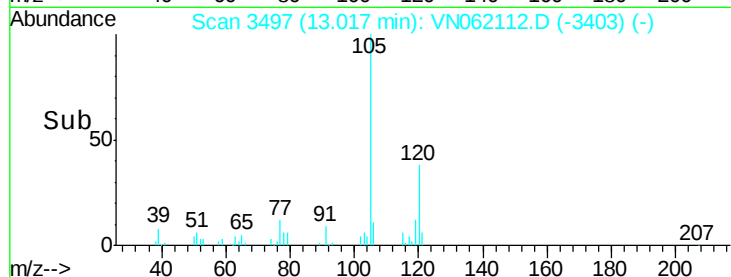
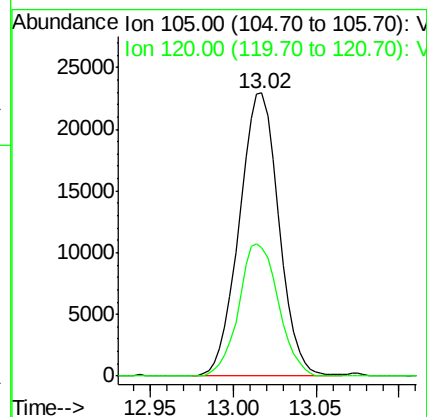
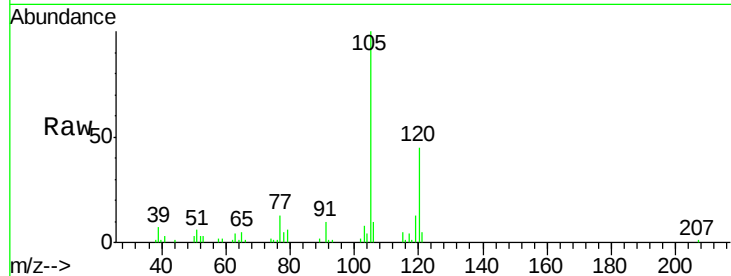
SB-B

Tot Ion:105 Resp: 38133

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.5



#85

sec-Butylbenzene

Concen: 0.215 ug/l

RT: 13.14 min Scan# 3536

Delta R.T. -0.00 min

Lab File: VN062112.D

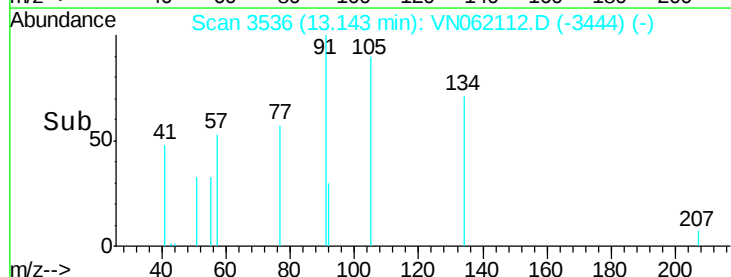
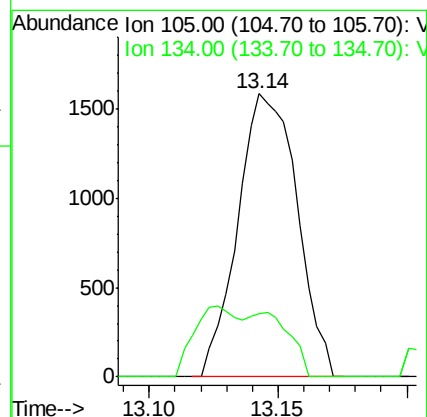
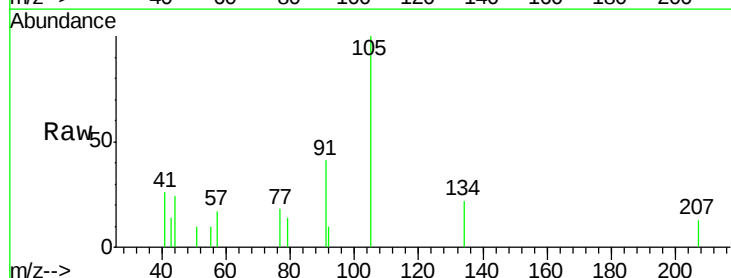
Acq: 25 Jun 2020 15:41

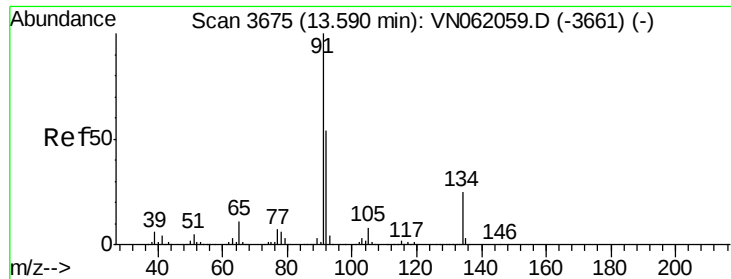
Tgt Ion:105 Resp: 2542

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1





#89

n-Butylbenzene

Concen: 0.453 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

Instrument :

MSVOA_N

ClientSampled :

SB-B

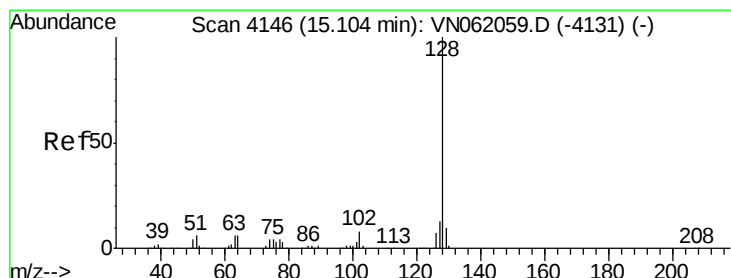
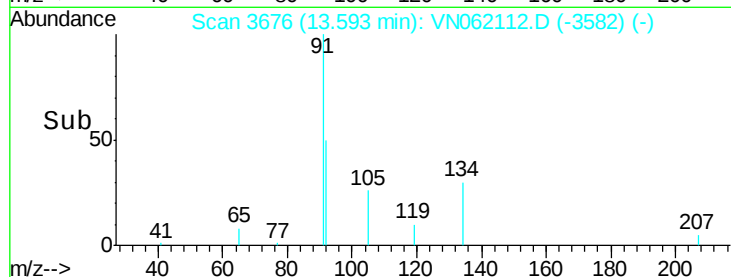
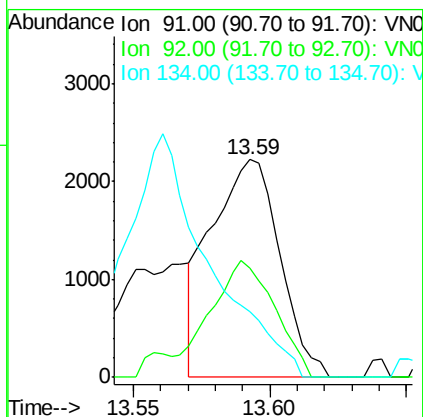
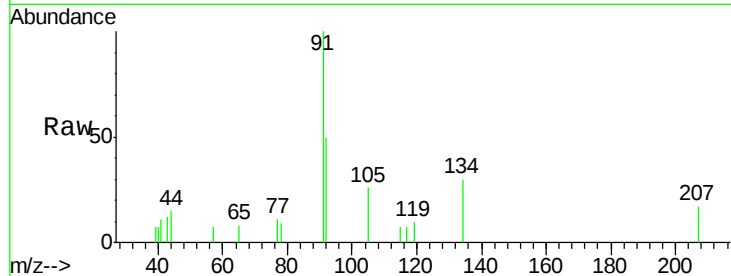
Tot Ion: 91 Resp: 3891

Ion Ratio Lower Upper

91 100

92 50.5 26.6 79.7

134 0.0 12.3 36.9#



#95

Naphthalene

Concen: 4.658 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062112.D

Acq: 25 Jun 2020 15:41

Tgt Ion: 128 Resp: 5711

Ion Ratio Lower Upper

128 100

127 8.0 10.5 15.7#

129 5.8 8.6 13.0#

